

DERM TECHNICAL REPORT

**Environmental Quality Monitoring at Five Municipal Golf Courses
in Miami-Dade County**

Prepared By

the **DEPARTMENT OF ENVIRONMENTAL RESOURCES MANAGEMENT**
in cooperation with the
FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES

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ABBREVIATIONS USED

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
MCL	Maximum Contaminant Level
MDL	Method Detection Limit
MSMA	Monosodium Methanearsonate
PGA	Professional Golf Association
ug/L	micrograms per liter
mg/kg	milligrams per kilogram
PQL	Practical Quantitation Limit
USGA	United States Golf Association
CTL	Soil Cleanup Target Level

SAMPLE IDENTIFICATION NOMENCLATURE (used in Appendix)

BBML:	Briar Bay Golf Course Mix/load Site
BBF2:	Briar Bay Golf Course Fairway #2
BBF4:	Briar Bay Golf Course Fairway #4
GCML:	Golf Club of Miami Mix/Load Site
GCG13:	Golf Club of Miami Green #13
GCT10:	Golf Club of Miami Tee #10
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 #14
KBT18:	Key Biscayne Golf Course Tee #18
PMML:	Palmetto Golf Course Mix/Load Site
PMF18:	Palmetto Golf Course Fairway #18
PMG7:	Palmetto Golf Course Green #7

EXECUTIVE SUMMARY

Several studies have documented soil and groundwater contamination nationally as a result of agrichemicals used in golf course turf maintenance. At the state and local level, environmental resources degradation attributable to golf course maintenance has also been documented. This report presents the results of a study, co-sponsored by the Miami-Dade County Department of Environmental Resources Management (DERM) and the Florida Department of Agriculture and Consumer Services (FDACS). The study quantifies the environmental impact of agrichemical turf maintenance at five golf courses in Miami-Dade County, Florida.

Five publicly owned golf courses participated in the study. Groundwater, surface water and sediments were sampled quarterly at the participating golf courses in 1997; however, surface water and sediments were not sampled during the first quarter. Soil profile samples were obtained during monitoring well installation and surficial soil samples were obtained during the quarterly sampling events thereafter. Groundwater and surface water were sampled and analyzed for a total of fifty-one pesticide residues, arsenic, nitrates, and phosphates. Soil and sediments were sampled for arsenic.

Arsenic was detected in all environmental media at all the golf courses. Arsenic was ubiquitous in golf course soils: seventy-five percent (75%) of soil borings and surficial soil samples exceeded the Florida residential soil cleanup target level (CTL); sixty-two percent (62%) exceeded the industrial CTL. Highest soil arsenic concentrations occurred in surficial soils but overall soil arsenic concentrations were not correlated with depth in the soil profile. There were no statistically significant differences in soil core or surficial soil arsenic concentration either between golf courses or between golf course areas (greens, tees, fairways and mix/load).

Arsenic was detected in eighty-five percent (85%) of shallow (7-12 ft) groundwater samples. Concentrations exceeded the current maximum contaminant level (MCL) of 50 ug/L in thirty – two percent (32%) of the samples while seventy-seven percent (77%) exceeded 10 ug/L, the revised arsenic MCL that is scheduled to take effect in 2006 (2006 MCL). The highest groundwater arsenic concentrations occurred in the samples obtained from mix/load sites. Among the play areas (tees, greens and fairways), tee sites had the highest arsenic concentrations in shallow groundwater and represented a statistically different population from greens and fairways.

Arsenic was detected in deeper (21-28 ft) groundwater in thirty-seven percent (37%) of the samples; however, the MCL was not exceeded. The 2006 MCL was exceeded in twelve percent (12%) of the samples.

Surface water samples were obtained from four golf course ponds. Arsenic was detected in eighty-three percent (83%) of the surface water samples; none of the samples exceeded the surface water cleanup target level (50 ug/L).

In addition to arsenic, nine pesticide residues (chlorothalonil, chlorpyrifos methyl, dieldrin, metribuzin, metalaxyl, prodiamine, chlorodane, hetpachlor epoxide and oxadiazon), were detected in shallow groundwater. However, only five pesticides were detected at concentrations above the practical quantitation limits (PQL) of the relevant analytical method and only one pesticide, dieldrin occurred at concentrations exceeding the MCL. Pesticides were not detected at levels above the PQL in deeper groundwater samples. The occurrence of dieldrin and chlorpyrifos methyl in groundwater at golf courses cannot be attributed to current turf management activities. One pesticide, atrazine was detected in groundwater in one background well; concentrations did not exceed the CTL. Four pesticide residues, fonofos, atrazine, oxadiazon and ethoprop were detected in surface water from golf course ponds. Ethoprop (0.315 ug/L) and fonofos (0.095 ug/L) exceeded the freshwater surface water cleanup target level.

Nitrate nitrogen was detected in seventy-six percent (76%) of shallow groundwater samples and exceeded the MCL of 10 mg/l in twenty-one percent (21%) of the samples. Nitrates were detected most frequently and highest concentrations were found in groundwater at mix/load sites. Nitrates were also detected in surface water.

Data from this study indicates that golf course soils are impacted by arsenic. In groundwater, elevated arsenic concentrations are predominantly restricted to samples near the top of the saturated zone. With the implementation of the 2006 MCL, the observed arsenic concentration in shallow groundwater will take on greater regulatory significance. Arsenical pesticides used in routine turf management are suspected to contribute to elevated arsenic levels at golf courses.

INTRODUCTION

With approximately 1000 golf courses occupying some 10,600 acres (Balogh and Walker, 1992), Florida rivals California as the golf course capital of the United States. Golf is an eighteen billion dollar per year industry in the United States (USGA) with over 25 million golfers (National Golf Foundation). The increasing popularity of the game has attracted public scrutiny, and in some cases criticism, regarding the potential environmental consequences of golf course construction and management. The potential for agrichemical usage at golf courses to cause environmental contamination is of special concern in areas such as Miami-Dade County, where groundwater, the sole source of drinking water, is three to ten feet below land surface in most urban areas.

BACKGROUND

Routine, permit-related inspections conducted by the Department of Environmental Resources Management (DERM) staff at ten golf courses in Miami-Dade County between 1994 and 1996 documented violations of soil cleanup target levels (CTL) and water quality standards. The most common contaminant was arsenic. Documented incidents were generally attributed to spills and inappropriate mix/loading practices and occurred most commonly at mix/load sites where pesticides and fertilizer mixtures are prepared and loaded into application equipment. Based on the evidence of agrichemical impact to the environment at mix/load sites, there was concern that in the play areas (greens, tees and fairways) where agrichemicals are routinely applied, these agrichemicals also have the potential to accumulate to concentrations that exceed environmental standards. The validity of this concern was reinforced by data from golf courses in north and central Florida that documents agrichemical impacts to groundwater (Swancar 1996) at the participating golf courses.

To evaluate the impact of agrichemical usage on the soil and water resources at golf courses in Miami-Dade County, the DERM and the Florida Department of Agriculture and Consumer Services (FDACS) co-sponsored the current study. DERM staff oversaw the project, while FDACS provided logistical support and technical review.

PURPOSE AND SCOPE

The objectives of the study were to determine the following:

1. The degree and extent to which groundwater, surface water, soil, and sediment quality at golf courses in Miami-Dade County are impacted by agrichemicals used in turf management.
2. The relationships, if any, between the concentrations of agrichemicals detected in environmental samples and the pattern of use of those agrichemicals with respect to golf course greens, tees, fairways, and mix/load areas.

PREVIOUS STUDIES

In contrast to agricultural practices, relatively few studies have focused on the relationship between turf management practices and water quality at golf courses. Wan (1994) and Miles (1990) documented trace levels of pesticides in runoff from golf courses. Cohen, et al. (1990) sampled nineteen monitoring wells at four Cape Cod (Massachusetts) golf courses overlying a shallow, highly transmissive aquifer for seventeen pesticides (arsenic was not investigated) and other related turf management chemicals. Eight pesticide residues were detected in groundwater samples with the most frequent detections associated with greens and tees. Only chlordane was found in concentrations exceeding the MCL of 2 ug/L. Nitrate-nitrogen was detected but at concentrations below the MCL of 10 mg/l. Only chlordane and heptachlor epoxide were detected in soils from the study area.

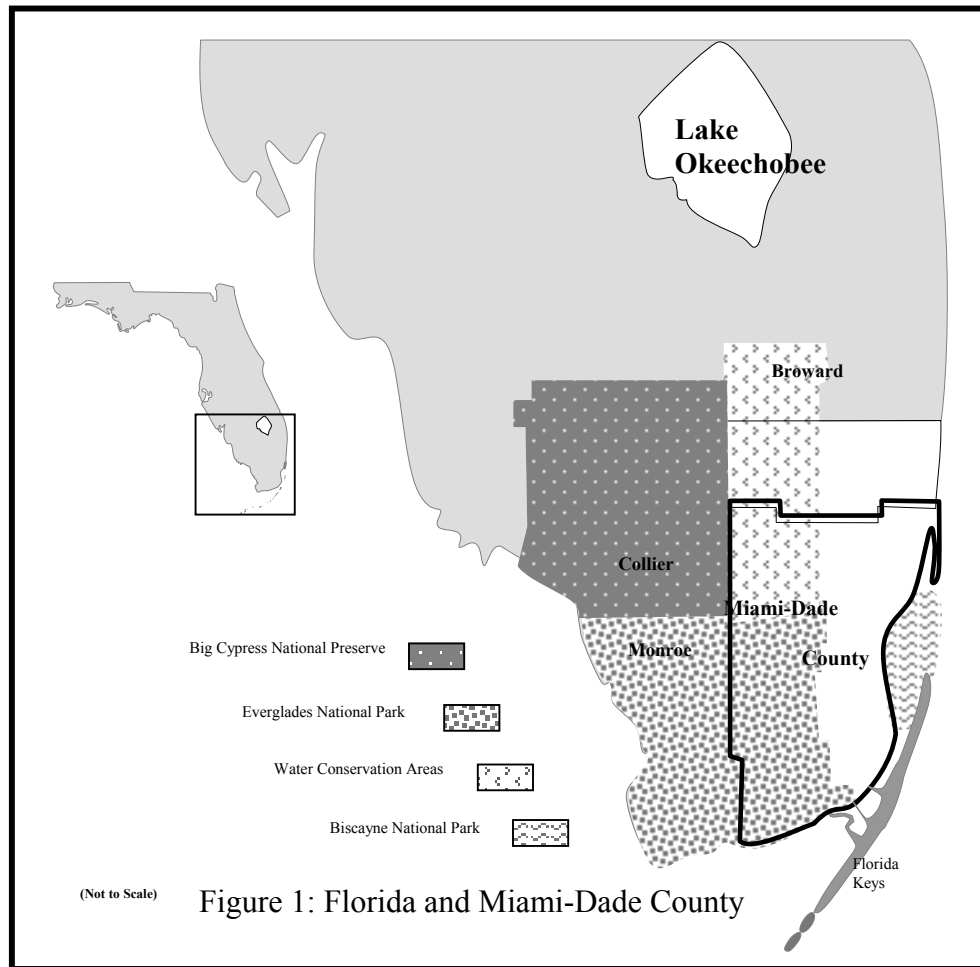
Between 1991 and 1997, the US Golf Association (USGA) funded several university studies to evaluate the environmental fate of seventeen pesticides and various fertilizer formulations used at golf courses. The research indicated that, when properly applied, leaching is minimal because the turf/soil ecosystem enhances pesticide adsorption and degradation and therefore reduces the amount of chemical available for leaching. Surface runoff from treated areas was identified as being potentially significant, especially in areas of high rainfall

The US Geological Survey (Swancar 1996) studied the effect of turf management practices and irrigation with reclaimed water at nine golf courses in Florida. Samples were collected from groundwater wells, golf course ponds, irrigation water, effluent ponds, and effluent from sewage treatment plants. Analyses included forty-one pesticides, nutrients, major ions, and trace elements. Pesticide residues were detected in groundwater at seven of the nine golf courses and in fifty-two percent (52%) of the groundwater samples. Relatively few pesticides occurred at concentrations exceeding regulatory levels; however, arsenic, bentazon, and acephate were detected in groundwater at concentrations above the MCL or guidance concentration. Arsenic was detected above the MCL in 8% of the samples but 58% exceeded the 2006 MCL. Pesticides were detected in golf course ponds at trace levels. Although nitrates were detected in groundwater, few samples exceeded the MCL.

ENVIRONMENTAL SETTING OF MIAMI-DADE COUNTY

Miami-Dade County is located at the southeastern tip of the Florida peninsula (Figure 1). It is bordered by the Everglades National Park (ENP) on the west, by Broward County on the north, the Florida Keys (Monroe County) and Florida Bay on the south, and the Biscayne Bay National Park and the Atlantic Ocean on the east.

Prior to development, the county consisted of a vast expanse of wetlands extending eastward to within a few miles of the coastline. Along the coast was a fringe of sandy flatlands, coastal marshes, and mangrove swamps (Fish and Stewart, 1991). Many decades ago, canals were dug across south Florida to drain swampy areas and to provide flood protection for the resulting urban and farmed areas. Today the western portion of the county remains as protected wetlands. Development is restricted to 1,000 square miles along the eastern half of the county (Figure 2)



Underlying Miami-Dade County is the Biscayne Aquifer. In 1979, the EPA declared the Biscayne Aquifer a “sole source” aquifer because it is the only source of potable water for this area. This aquifer is one of the most permeable in the world (Parker, 1955) and because it is overlain by only a few inches to a few feet of surficial soils, it is vulnerable to contamination. The water table averages between 3-10 feet below ground surface in the developed areas of the county. In the undeveloped western portions of the county, groundwater flow is generally south, southwesterly from the water conservation areas and the ENP into Florida Bay. In the developed eastern portion, the groundwater flows in a general east-southeasterly direction, unless subjected to anthropogenic influences, and ultimately discharges into Biscayne Bay (Figure 3).

The Biscayne Aquifer varies in thickness from about 20 feet near the western border of the county to between 100 and 200 feet near the coast (Randell and Katz 1991). Approximately 500 feet of dense and impermeable deposits (the Floridan aquiclude) lie below the Biscayne Aquifer. Below these deposits is the Floridan aquifer (Fish and Stewart 1991), containing brackish, non-potable water (Figure 4).

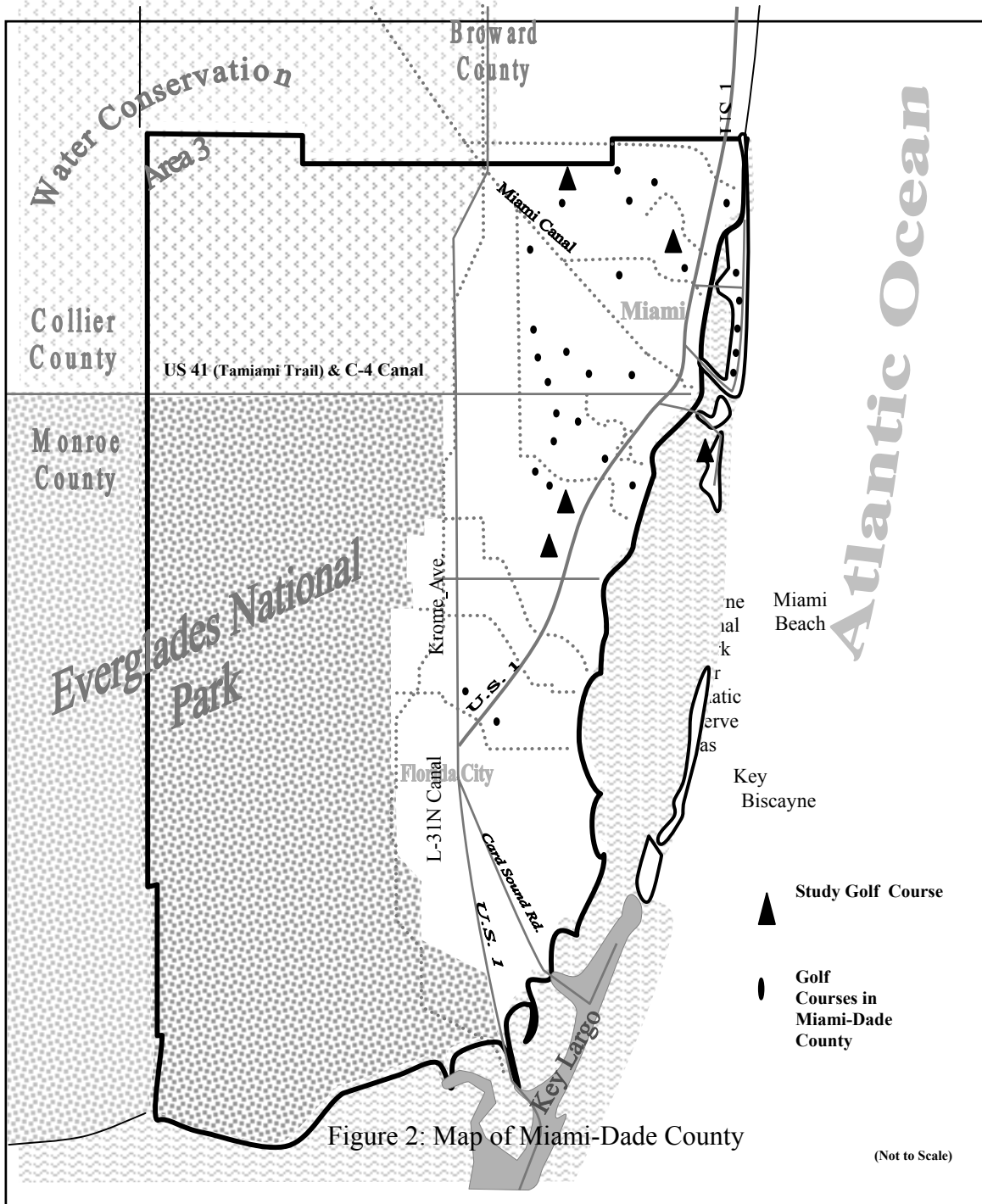
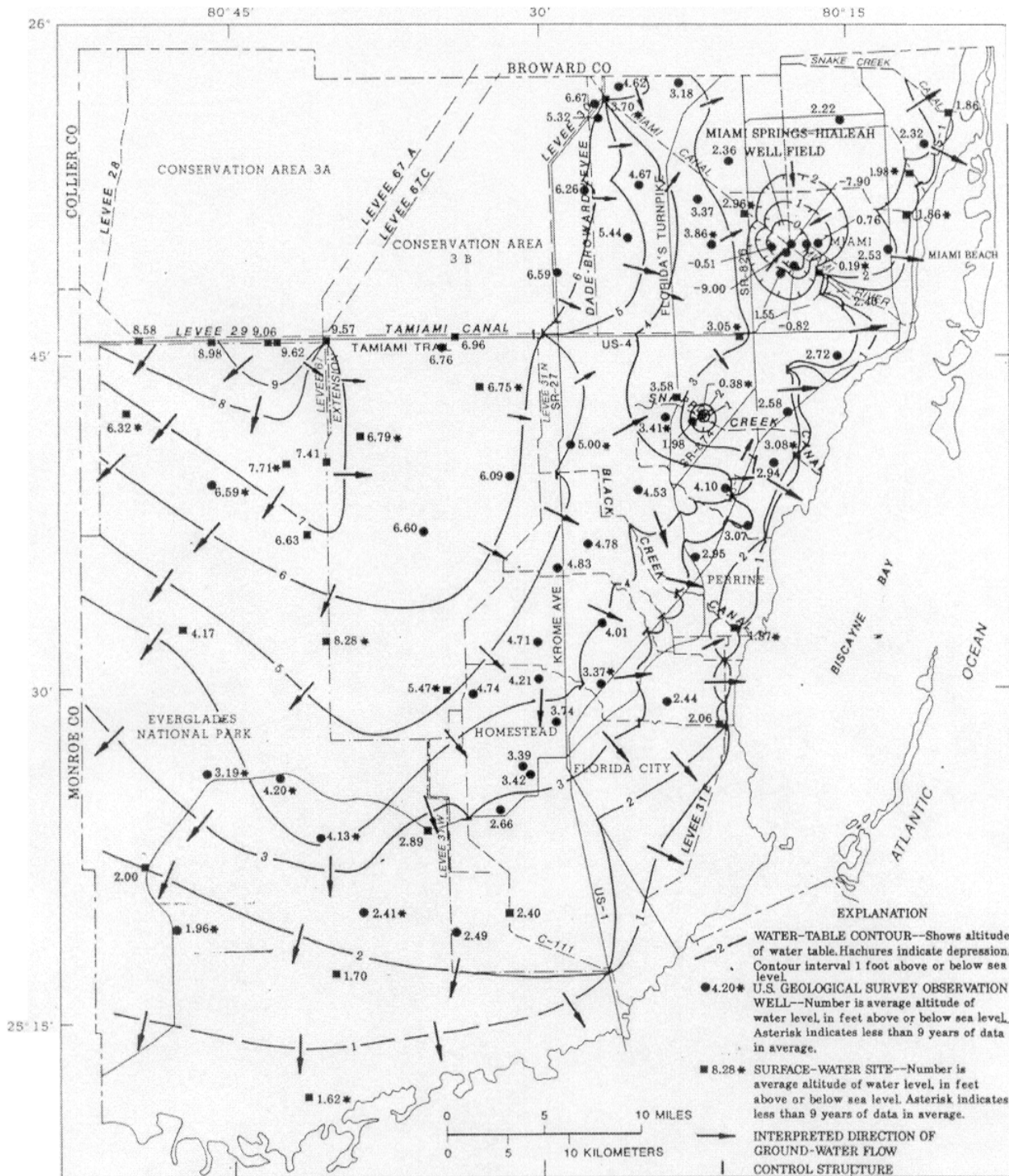
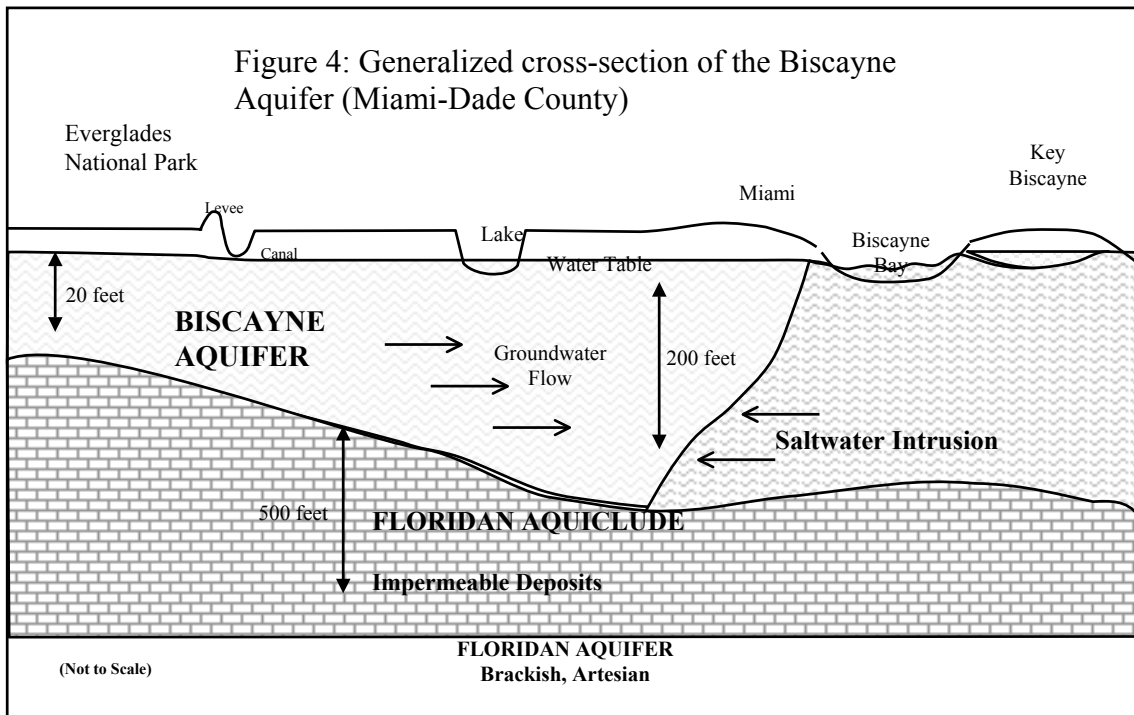


Figure 3: Interpretive groundwater flow direction for Miami-Dade County (Fish and Stewart, 1991)





STUDY SITE SELECTION

Five of six county-owned municipal golf courses were selected to participate in this study: Briar Bay Golf Course, Golf Club of Miami, Greynolds Park Golf Course, Key Biscayne Golf Course (also known as Crandon Golf Course), and Palmetto Golf Club. The limitations of the study precluded random selection of the participating courses from the thirty-three active golf courses in Miami-Dade County. Golf course selection was based exclusively on logistic and accessibility considerations. Therefore, there may be limitations to applying conclusions from the study to all municipal golf courses in Miami-Dade County or to private golf courses with different management practices.

The five golf courses are representative of golf courses countywide in terms of age, design, and size. Average acreage for the participating golf courses was 130 acres for eighteen hole courses and forty-five acres for nine hole courses, consistent with a county-wide average of 133 and forty-eight acres for eighteen and nine holes, respectively (DERM files). The average age for golf courses countywide is thirty-six years, similar to the average of thirty-five years for the golf courses studied (DERM files). Although environmental factors such as soil type, geology, and physical features were not considered during golf course selection, the selected courses exhibited diversity with respect to these parameters. Soil encountered in the study ranged from urban fill to fine sands overlaying bedrock that varies from porous oolitic limestone to hard, fossilized formations. Groundwater was encountered at 3-8 ft below land surface and exhibited specific conductivity values representative of saline to freshwater conditions. Detailed site-specific descriptions are provided in Appendix A.

The study design recognized that the selected courses were probably not representative of golf courses countywide in terms of pesticide usage. Due to agrichemical management practices, public golf courses tend to use less pesticide than private golf courses. Information from a pesticide use survey of eight golf courses (DERM, 1996) indicated an average of 104 gallons and 1630 lbs. of pesticides (product weight) used per year at public golf courses compared with 204 gallons and 3656 lbs. at private golf courses. However, a review of pesticide inventories obtained from private and public golf courses between 1994 and 1996 (DERM records) indicated that although golf courses may differ in terms of quantities used, the active ingredients used do not differ significantly.

ASSESSMENT AND MONITORING PROGRAM DESIGN

The study was designed to evaluate the degree and extent of environmental impact from agrichemical usage at golf courses and to determine whether or not observed impacts were consistent across all golf courses studied or among areas at the golf courses with differently management regimes with respect to agrichemical usage. To this end the groundwater monitoring sites were established adjacent to different play areas (fairways, greens, tees), and agrichemical mix/load areas at the participating golf courses. Soils, surface water and sediments were sampled from areas selected for monitoring.

Six groundwater-monitoring wells were installed at each of the participating golf courses during February 1997. The wells were installed as paired wells, with three pairs (clusters) at each golf course. At each golf course two of the well clusters were located adjacent to either greens, tees or fairways; the remaining cluster was located within or adjacent to the mix/load site. At the Golf Club of Miami and the Key Biscayne Golf Course, to avoid nearby underground or overhead utility conduits, the mix/load wells were installed at distances of 200 and 82 feet away from the mix/load sites, respectively. Monitoring wells were sited to avoid low areas that receive runoff during normal rainfall events. In addition, at Key Biscayne Golf Course, because the southern portions of the property existed as a municipal dump prior to establishment of the golf course, care was taken not to locate sampling points within the boundaries of the former dump. The distribution of monitoring well sites for each of the participating golf courses is shown in Table 1. Site maps and monitoring locations for each golf course are provided in Appendix B.

Table 1: Distribution of Monitoring Wells 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	

Each well cluster consisted of one shallow and one deeper well. The shallow well was designed to provide samples from the soil water interface and was constructed with five feet of screening that extended two feet above and three feet into the water table. The deep well consisted of two feet of screening placed at approximately 20 feet below the water table.

Three pre-existing monitoring wells, selected from an Ambient Water Quality Monitoring (AWQM) network were sampled concurrently with the golf course wells to provide information on current offsite background concentrations of the contaminant of concern (COC). Wells in the AWQM network are used by various environmental regulatory agencies including DERM, to provide ambient water quality and water level information for Miami-Dade County. The background wells selected represented the closest available background wells to the golf course participating in the study. The data from the three selected wells were combined with historical data from the network to provide current and historic background information for data analysis and discussion. A total of fifty-one pesticide residues, arsenic, nitrates, and phosphates were examined in the study (Table 2).

The 30 golf course monitoring wells along with the background wells were sampled four times during 1997 (February, May, August, and November). 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. In addition to the field parameters, groundwater was sampled and analyzed for the COC indicated in Table 2.

During monitoring well installation (February 1997), 43 soil core samples were collected from the deeper monitoring well sites and analyzed to evaluate the vertical distribution of total arsenic in the vadose zone. Soil samples were taken at two-foot intervals down to the soil/water interface.

During the May, August, and November sampling events, a total of 31 composite surficial soil samples (0-1 ft deep) were obtained from targeted playing areas and analyzed for arsenic. Each composite sample consisted of fifteen individual sub-samples taken ten feet apart around the inside perimeter of the play area, in the case of greens and tees. In the case of fairways, the sub-samples were collected from the side of the fairway closest to the monitoring well.

Four of the five participating golf courses have ponds. At each of these golf courses, one pond was selected for surface water and sediment sampling. Each 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 of a monitoring well and were sampled during May, August, and November of 1997.

As an addendum to the study, in January 1998, the Florida Department of Health (FDOH) sampled nine private drinking water wells near Briar Bay and Palmetto golf courses. These are the only courses in the study that had homes with documented potable wells located within a quarter to half a mile radius of the golf courses. The wells were sampled for arsenic and nutrients. The FDEP laboratory analyzed the samples. In addition, all the golf course wells were re-sampled in March 1999 to determine if arsenic levels had changed significantly from the 1997 levels.

Table 2: Parameters of Interest

Pesticides

<u>Chlorinated pesticides and PCB's</u>	<u>Analytical Method</u>	<u>MDL (ug/L)</u>	<u>Organonitrogen-phosphorous pesticides</u>	<u>Analytical Method</u>	<u>MDL (ug/L)</u>
Aldrin	EPA 608	0.01	Alachlor	Mod EPA 614	0.29
Alpha-BHC	EPA 608	0.01	Ametryn	Mod EPA 614	0.049
Beta-BHC	EPA 608	0.02	Atrazine	Mod EPA 614	0.049
Delta-BHC	EPA 608	0.01	Azinphos Methyl	Mod EPA 614	0.19
Gamma-BHC	EPA 608	0.01	Bromacil	Mod EPA 614	0.29
Carbophenothion	EPA 608	0.03	Butylate	Mod EPA 614	0.097
Chlordane	EPA 608	0.1	Chlorpyrifos Ethyl	Mod EPA 614	0.097
Chlorothalonil	EPA 608	0.02	Chlorpyrifos Methyl	Mod EPA 614	0.097
DDD-p,p'	EPA 608	0.02	Diazinon	Mod EPA 614	0.097
DDE-p,p'	EPA 608	0.02	Ethion	Mod EPA 614	0.049
DDT-p,p'	EPA 608	0.02	Ethoprop	Mod EPA 614	0.097
Dicofol	EPA 608	0.02	Fenamiphos	Mod EPA 614	0.29
Dieldrin	EPA 608	0.02	Fonofos	Mod EPA 614	0.097
Endosulfan I	EPA 608	0.01	Malathion	Mod EPA 614	0.15
Endosulfan II	EPA 608	0.01	Metalaxyl	Mod EPA 614	0.58
Endosulfan Sulfate	EPA 608	0.02	Metolachlor	Mod EPA 614	0.49
Endrin	EPA 608	0.02	Metribuzin	Mod EPA 614	0.19
Endrin Aldehyde	EPA 608	0.02	Mevinphos	Mod EPA 614	0.24
Heptachlor	EPA 608	0.01	Naled	Mod EPA 614	0.78
Heptachlor Epoxide	EPA 608	0.01	Parathion Methyl	Mod EPA 614	0.097
Methoxychlor	EPA 608	0.05	Parathion Ethyl	Mod EPA 614	0.097
Mirex	EPA 608	0.02	Phorate	Mod EPA 614	0.097
Toxaphene	EPA 608	0.75	Prometryn	Mod EPA 614	0.097
Trifluralin/Benfluralin	EPA 608	0.02	Simazine	Mod EPA 614	0.49
Oxadiazon	EPA 608	0.04	Prodiamine	Mod EPA 614	0.24
			<u>Metals*</u>		
			Arsenic	EPA 206.2/7060	2
			<u>Nutrients</u>		
			Nitrate/Nitrite Nitrogen	EPA 353.2	10
			Total Phosphous	EPA 365.1	20

* Soils and sediment sampled for arsenic only

SAMPLING METHODOLOGY

Field activities were performed in accordance with a DERM approved project specific quality assurance plan.

1. Groundwater

Except in the case of the mix/load site at Greynolds Park Golf Course and Palmetto Golf Course, wells were purged using a gasoline powered centrifugal pump equipped with one-inch diameter PCV tubing fitted with a backflow device on the intake end. The mix/load wells at Greynolds Park Golf Course and Palmetto Golf Course were purged using a 2-inch diameter Teflon™ bailer. A total of five well volumes were purged prior to sampling. Groundwater was analyzed for pesticides, arsenic, nitrates, and phosphates.

Groundwater samples were collected using a peristaltic pump and Teflon™ tubing. For pesticide sampling, an inline Teflon trap was used. The sampling sequence was pesticides, metals then nutrients. Pre-cleaned tubing was used for each well. Samples were preserved in the field as required, packed on ice, placed in a secure cooler and transported to the laboratory.

Field measurements were obtained from each well using a Hydrolab™. The measurements were obtained subsequent to sampling using a continuous-flow sampling chamber. Field measurements included temperature, pH, salinity, redox-potential, conductivity, and dissolved oxygen.

2. Surface Water

Surface water samples from freshwater ponds were collected in May, August, and November 1997. Samples were obtained via boat from the center of the pond. These samples were collected from a depth of approximately one meter below surface and were obtained using a pre-cleaned Niskin™ sampler. Samples were analyzed for pesticides, arsenic, and nutrients.

3. Sediment

Sediment samples were obtained as grab samples using a stainless steel Ponar grab sampler. Sediment samples were collected during the May, August and November events. The samples were obtained from the center of the pond in the approximate area from which the surface water sample was collected. Sediments were analyzed for arsenic.

4. Soil

During monitoring well installation (February 1997), soil core samples were obtained via split spoon from two-foot intervals down to the soil/groundwater interface. During the May, August, and November sampling events, surficial (0-1 ft) soil samples were obtained from areas being monitored. The samples were collected as composite samples with each composite consisting of 15 sub-samples obtained approximately ten feet apart around the inside perimeter of the green,

tee, fairway or mix/load site. The sub-samples were mixed in a stainless steel tray to produce the composite sample that was subsequently submitted for arsenic analysis.

5. Quality Assurance Samples

Quality assurance samples obtained included equipment blanks and field duplicates. No field blanks were obtained since the project did not involve sampling for volatile organics. For groundwater and surface water samples, one field duplicate was obtained for every ten samples (10%) for each parameter. Field duplicates were collected, stored, and transported in exactly the same manner as the other samples. Since field duplicates were collected to assess the precision of a sample set, the results of these samples are not reported here. Field duplicates were used during the process of data validation to determine data acceptability. Except in the case of arsenic, if the relative percentage difference (rpd) between a sample and its duplicate exceeded twenty percent, the data were rejected. In the case of arsenic, the rpd exceeded 20 percent in three samples; however, because of the potential for inherent variability with metal samples, these three data points were qualified but not rejected. No field duplicates were taken for soil or sediment samples.

Equipment blanks were obtained at the start of each sampling event and at a rate of one blank for every twenty samples thereafter. Blanks were obtained as a quality assurance measure to assess the adequacy of field and laboratory cleaning procedures.

ANALYTICAL METHODS

EPA Method 614 was used to analyze the samples for organo-nitrogen and organo-phosphate pesticides while EPA Method 608 was used for chlorinated pesticides and PCBs. The FDEP laboratory analyzed all pesticide samples.

The active ingredient in the arsenical herbicides used at golf courses is MSMA, an arsenic compound. There is no EPA approved analytical methodology to test for MSMA; therefore, the samples were analyzed for arsenic. Groundwater and surface water samples were analyzed using EPA Method 200.7. Soil and sediments were analyzed using EPA Method 7060; because the analytical methods used tested for arsenic and not for MSMA specifically, arsenic from other sources may also have been measured. The FDEP laboratory conducted all analyses for arsenic in water while the DERM laboratory conducted the analyses for soil and sediments.

Nitrates and phosphates samples obtained during the first groundwater sampling event were analyzed by DERM laboratory using EPA Methods 353.2 and 365.1, respectively. Post, Buckley, Schuh, and Jernigan (PBS&J) laboratory performed all subsequent nitrate and phosphate analyses using EPA Method 353.2 and EPA Method 365.4, respectively.

STATISTICAL METHODS

Statistical analyses were performed using SPSS™ Students Version 8.0 Software for Windows and SigmaStat Version 2.03 for Windows. Preliminary data analysis using the Kolmogorov-

Smirnov test indicated that some of the data sets did not fit either a normal or log-normal distribution, and as such, all analyses were performed using non-parametric statistics. Non-parametric methods are independent of the shape of the sample distribution and use ranked data instead of the actual raw data. For the non-parametric tests, the data is ordered and then assigned ranks. The values of the assigned ranks are used in the analysis.

Based on the indication that the data did not fit a normal distribution, the median is the central tendency statistic used in discussions; however, the mean and the 95% UCL are also presented in the tables. The 95% UCL is calculated using Hall's non-parametric bootstrap-t method (Singh et al, 1997).

In the cases where there was available environmental data on background concentrations of the contaminants of concern (COC), the study data was compared to the background data to detect statistically significant differences. In addition, based on the assumption that concentrations of a specific COC might be influenced by variables not controlled in the study design (soil type, geology, geochemistry, etc), the data was analyzed to detect significant differences in COC concentrations between the five golf courses. The data was also analyzed for relationships between environmental concentrations of the COC as a function of agrichemical usage in the different managed areas: greens, tees, fairways, and mix/load areas. For comparisons between golf courses, the data points from each golf course were pooled and each golf course was treated as a sample population. To examine differences among golf course managed areas, data from each of the four areas was combined into four sample populations.

The Mann-Whitney, Kruskal-Wallis, Dunn Pairwise Multiple Comparison Procedure and Tukey-Type Multiple Comparison Procedure were the main statistical tests used. The Mann-Whitney test is the non-parametric analogue to the two-sample t test and is used to test for differences between two populations. The Kruskal-Wallis test is the non-parametric alternative to a one-way ANOVA and is used to test for differences among three or more populations. The Kruskal-Wallis test indicates when the test populations differ but is incapable of indicating which population is different. Therefore, for multiple comparison testing, whenever a difference was indicated by the Kruskal-Wallis statistic, the data was then analyzed using the Dunn Pairwise or Tukey-Type Multiple Comparison Procedure to isolate the population(s) that differ.

The Spearman Ranked Correlation (ρ) was used to evaluate linear relationships between variables of interest. Except as otherwise noted, a 0.05 significance level was used for hypothesis testing. In cases where over 80 percent of the samples were below the method detection limit, no statistical comparisons were performed and only the population descriptors are presented. In cases where the number of non-detect measurements was less than 20 percent, a values of half the detection limit was assigned to values reported as BDL (Gibbons, 1994).

RESULTS AND DISCUSSION

Arsenic

Unlike most pesticide ingredients, arsenic occurs naturally in many soils. Nationally, high background arsenic levels have been documented in soils from the western states; this is in contrast to soils from the southeastern areas of the nation where, typically, only trace levels are detected. A recent study that examined thirty-eight soil samples obtained from undisturbed areas of Miami-Dade County indicates that background arsenic concentrations in surficial soils range from <0.2 to 3.89 mg/kg (DERM internal memo, 2002). Arsenic may also be present in soils due to industrial contamination, past agricultural practices, and current application of arsenic containing fertilizer and soil amendments, or other sources such as fill material.

At the golf courses in this study, arsenic is routinely applied as MSMA. A total of twenty-eight herbicide brands containing MSMA as the active ingredient were registered for use in the state of Florida at the time of the study. Based on current application rates for the two most popular formulations, golf courses can apply between 255 and 282 grams /1000sq ft/year of elemental arsenic applied as MSMA. Data from a pesticide use survey administered at nine golf courses in Miami-Dade County (DERM files) indicates that between 7 to 208 kilograms of elemental arsenic is applied per golf course annually.

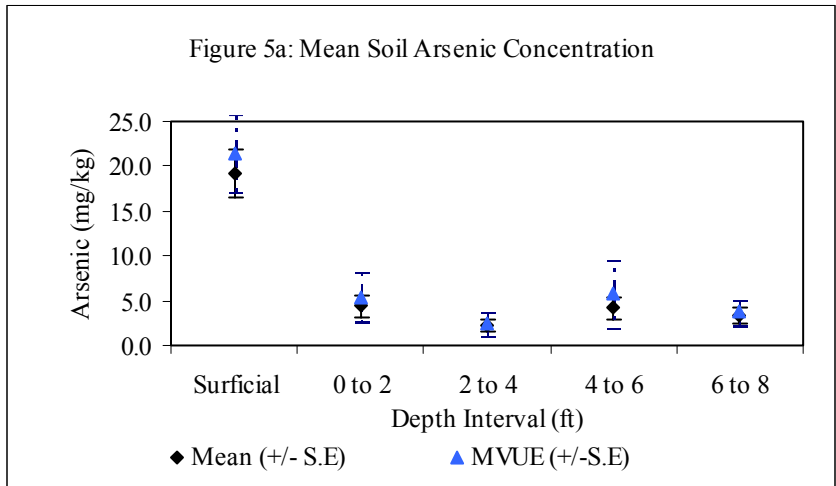
Arsenic in Soil

Summary statistics for arsenic concentrations are presented in Table 3. Most of the soil samples collected during the study exceeded both the residential (0.8 mg/kg) and industrial (3.7 mg/kg) soil cleanup target level (CTL). In the case of the surficial soil samples, ninety-four percent (94%) exceeded the residential and eighty-seven percent (87%) exceeded the industrial soil CTL. The data indicates that the concentrations of arsenic in the surficial soils at the golf courses do not reflect naturally occurring background concentrations for Miami-Dade County. As previously referenced, background surficial soil arsenic concentrations ranges from <0.2 to 3.89 mg/kg (n=32) with a mean of 1.22 mg/kg calculated using the Minimum Variance Unbiased Estimator (MVUE) and an arithmetic mean of 1.05 mg/kg.

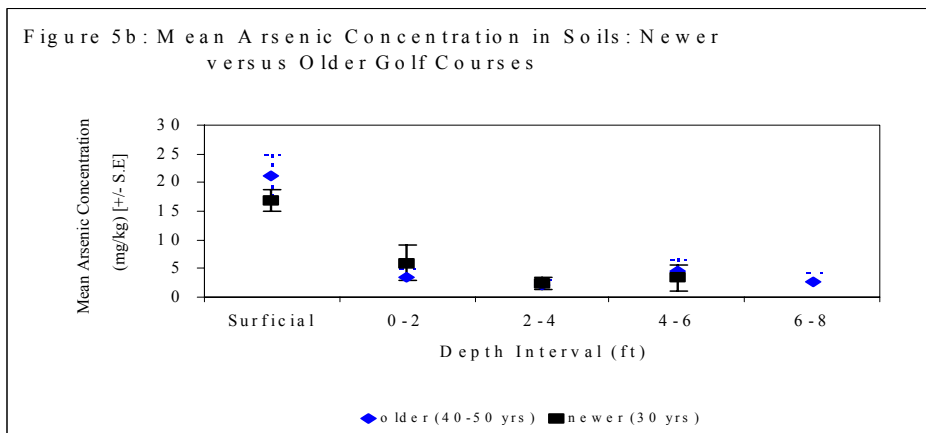
Arsenic concentration in the soil column samples obtained during monitoring well installation exceeded the residential and industrial soil CTL in sixty-two percent (62%) and forty-three percent (43%) of the cases, respectively. Although highest soil arsenic concentrations occurred in the 0-2 ft interval, overall arsenic concentrations were not correlated with depth (Figure 5a).

	N	Median	Mean	95% UCL*	Min	Max
Soil Column	42	1.19	3.41	5.91	0.1	17.19
Surficial Soils	31	15.10	21.7	23.5	0.80	54.80
All Soils	73	5.6	10.09	17.21	0.1	54.80
Miami-Dade Background	32	0.9	1.05	1.55	0.1	3.89

*Calculated using the Bootstrap t Method based on theory reported by Singh et al (1997). BDL are assigned a value of 0.1 mg/kg (1/2 the method detection limit).



Arsenic concentrations were examined to determine if the distribution appeared to be influenced by the age of the golf course. Golf Club of Miami, Greynolds Park, and Palmetto Golf Course were constructed during the 1950s and early 1960s while Key Biscayne and Briar Bay Golf Course were constructed during the early 1970s. Although the range of golf course age was limited to relatively older courses, within the range encountered in the study, golf course age is not an influencing factor with respect to the distribution of mean arsenic concentrations in the soil column. Older and newer golf courses exhibited a similar distribution pattern and both mirrored the pattern observed for all golf courses combined (Figure 5b).



Arsenical pesticides such as lead and calcium arsenate were used extensively in agriculture prior to the 1980s when the EPA cancelled most registrations for agricultural applications; therefore, past agrichemical uses can result in elevated arsenic concentrations in the environment. Historical data indicates agriculture as the former land use at Palmetto Golf Course. Surficial soil arsenic data from Palmetto was compared with data (DERM files) from agricultural areas in Miami-Dade County (n = 29, mean = 7.79 mg/kg) to determine if the levels of arsenic in surficial soils at this golf course are artifact of previous agricultural use. Based on Mann Whitney analysis, arsenic concentrations at the golf course are higher than those typically found in agricultural soils in Miami-Dade County. Fill material, used in golf course renovation and reconstruction, has been suggested as one potential source of arsenic to the golf course

environment. Arsenic concentrations in samples obtained from limestone quarries (DERM internal memo, 2002), which are the primary source of fill material used throughout the county, were examined to determine if fill materials could be introducing arsenic to the golf course environment. Arsenic was not detected in any of the quarry samples (n = 22, MDL = 0.2 mg/kg).

Arsenic in Groundwater

Shallow wells (7-12 feet)

Arsenic was detected in fourteen of the fifteen shallow groundwater wells with a median concentration of 27.50 ug/L. Approximately thirty-two percent (32%) of shallow groundwater samples exceeded the current MCL (50 ug/L) for arsenic in groundwater (Chapter 62-550, Florida Administrative Code) and approximately seventy-seven percent (77%) exceed the 2006 MCL of 10 ug/L (Table 4).

There were no statistically significant differences in shallow groundwater arsenic concentrations across the five golf courses. This suggests that the concentrations encountered are representative of municipal golf courses in Miami-Dade County and are independent of variables such as soil type, geology, and geochemistry. In addition, a comparison of shallow groundwater arsenic concentration between older and newer golf courses indicated no significant difference between these two populations; however, when the data from shallow wells are compared to background arsenic data, a significant difference is observed. This implies that arsenic concentrations in the shallow wells at golf courses, while being typical for the golf course environment, do not reflect background conditions.

Data collected from shallow wells during the follow up sampling event of March 1999 indicated increased arsenic concentration in shallow groundwater from four wells and decreased concentrations in two wells. However median arsenic concentration was not significantly different from the 1997 value.

Golf Course	n	Arsenic Concentration (ug/L)					(#) and % of samples exceeding	
		Med	Mean	95% UCL	Min	Max	Current MCL 50ug/L	2006 MCL 10ug/L
Briar Bay	12	2.5	198.3	376.6	1.0	815	(5) 41.7%	(5) 41.7%
Palmetto	12	56.0	17.2	27.7	1.0	10.5	(1) 8.3%	(6) 50.0 %
Key Biscayne	12	14.0	74.1	138.2	14.0	392.0	(4) 33.3%	(12) 100%
Golf Club of Miami	12	30.0	49.0	74.7	12.0	123.0	(4) 33.3%	(12) 100%
Greynolds Park	12	30.0	76.5	128.8	10.0	243.0	(5) 41.7%	(11) 91.7%
Total	60	27.5	82.9	176.6	1.0	815.0	(19) 31.7%	(46) 76.6%
Background*	30	2.0	2.81	3.13	1.0	13.9	(0) 0 %	(1) 4.5%

Values reported as BDL are assigned the value of 1 ug/L (½ the method detection limit).

* Historical data from wells of similar depth (10-13 ft) in the AWQM network combined with data from the background wells sampled concurrently with the golf course wells.

Deeper Wells (21-28 feet)

There were no exceedences of the current arsenic MCL in groundwater from the deeper wells; however, approximately twelve percent (12%) of the samples exceed the 2006 MCL of 10 ug/L (Table 5). As in the case of the shallow wells, groundwater arsenic concentration in the deep wells exhibited no significant differences when compared across golf courses. In addition, arsenic concentrations in deep wells were not significantly different 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.

Type of Site	(n)	Arsenic Concentration (ug/L)				% exceeding 2006 MCL
		Median	Mean	95%UCL	Range	
Briar Bay	12	1.00	9.9	18.6	1.0-44.0	33.3%
Palmetto	12	1.00	2.3	3.4	1.0-6.0	0%
Key Biscayne	12	1.00	3.6	6.2	1.0-11.3	16.7%
Golf Club	12	1.00	1.8	2.6	1.0-4.0	0%
Greynolds Park	12	3.00	5.0	8.3	1.0-19.0	25%
Total	60	1.00	4.5	9.1	1.0-44.0	18%
Background*	26	2.1	2.5	3.6	1.0-7.0	0%

Values reported as BDL are assigned the value of 1 ug/L (½ the method detection limit)

* Historical data from wells of similar depth (21-27 ft) in the AWQM network

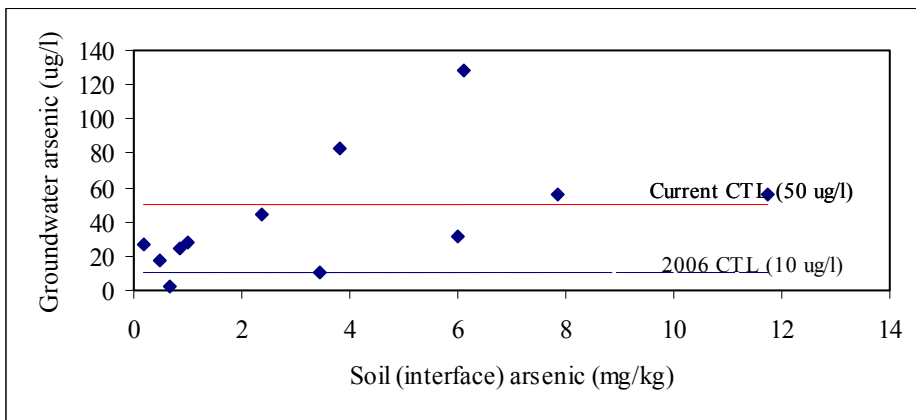
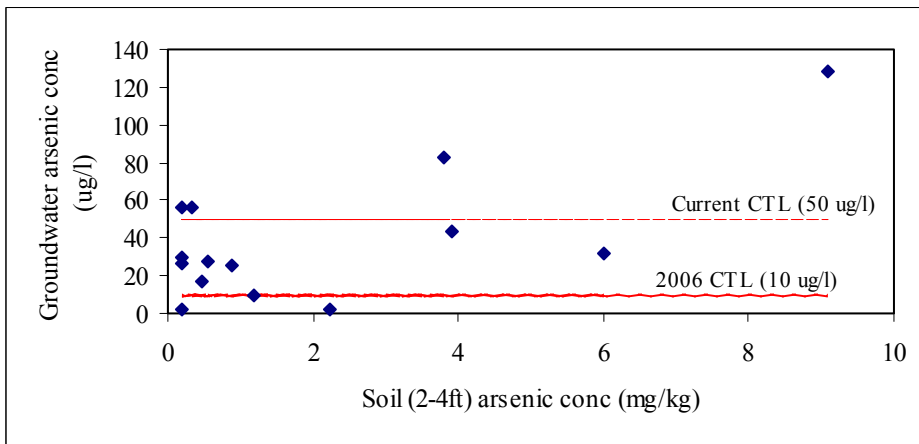
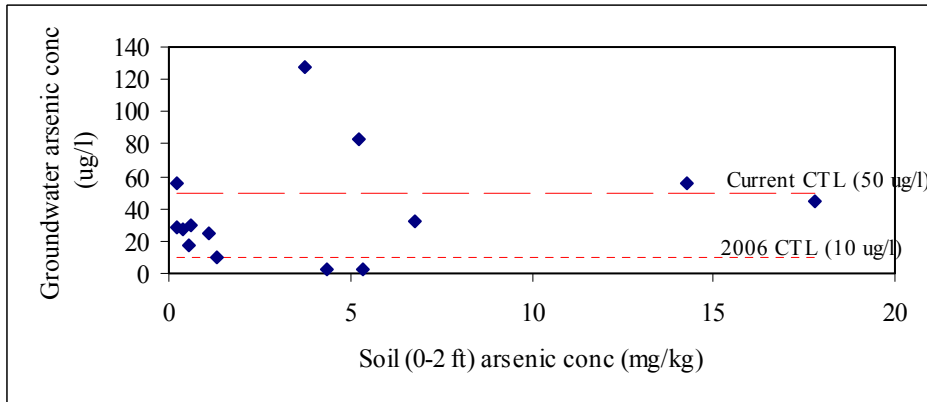
Soil versus Groundwater Arsenic Concentrations

Analysis of the arsenic data from shallow subsurface soil samples (0-2 ft) obtained during monitoring well installation versus groundwater data obtained from the shallow wells during the first quarter sampling event indicates no significant correlation ($\rho = 0.143$, $P > 0.05$). However, shallow groundwater arsenic concentration is positively correlated with arsenic concentration in soils at the soil/water interface ($\rho = 0.732$, $P < 0.05$).

The data were analyzed for linearity between soil arsenic concentrations from two feet intervals in the soil column and arsenic concentration in shallow wells; as shown in Figure 6, the data sets are not linearly related at any interval.

The soil core and groundwater arsenic data obtained during the first sampling event (Feb 1997), were analyzed to determine if the soil leachability CTL (29 mg/kg) for arsenic accurately estimates the potential for groundwater impact from overlying arsenic impacted soils. The February soil and groundwater data set were used since they represented spatially and temporally related data. Arsenic exceeded the groundwater CTL in twenty nine percent (29%) of the samples; but, none of soil samples exceeded the groundwater leachability CTL. Likewise, the data was examined based on the 2006 groundwater CTL and the corresponding soil leachability CLT of 5.8 mg/kg; eighty percent (80%) of the groundwater samples exceed the 2006 CTL; however, only twenty-three percent (23%) of the soil samples were above 5.8 mg/kg.

Figure 6: Soil arsenic concentration at different intervals in the soil profile versus February 1997 groundwater arsenic concentration from shallow wells



As indicated in Figure 6, groundwater impact above the CTL occurs at soil arsenic concentrations well below the leachability CTL. It is important to note that an examination of arsenic concentrations in groundwater underlying soils with arsenic concentration <5 mg/kg reveals that, for the soil intervals presented in Figure 6 (0-2, 2-4 and groundwater/soil interface) sixty seven percent, seventy seven percent and seventy five percent respectively, of the groundwater samples exceeds the 2006 CTL. At soil concentrations <2 mg/kg the percentages of

groundwater samples exceeding the 2006 CTL are fifty seven (57%), seventy eight (78%) and eighty (80%) for the respective soil intervals.

The conclusion is that the soil leachability CTL fails to predict the potential for arsenic to leach from overlying soils. It does not appear that there is a trigger soil arsenic concentration that can reliably predict the potential for groundwater impact. This conclusion is consistent with data from golf courses elsewhere in south Florida where groundwater impact was also observed when soil concentrations were below the leachability CTL (FDEP, personal communication).

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. Utility obstacles at Golf Club of Miami and Key Biscayne Golf Course resulted in the wells being sited at less than optimal distances (200 ft and eighty-two feet respectively) from the mix/load sites. At Palmetto Golf Course, wells were placed 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 representative of historical impact and traditional mix/load sites and as such only these data sets are discussed. Data from all mix/load sites are presented in Table 6a.

All soil sample results from mix/load sites at Briar Bay and Greynolds Park golf courses exceeded the residential CTL. The soil sample collected from the 0-2 ft interval of the mix/load site at the Briar Bay Golf Course, had an arsenic concentration of 120.65 mg/kg which is over nine times the inter-quartile range for soil samples obtained during the study. While this data point was considered an outlier for the purposes of data analysis, it is considered valid and retained for discussion purposes since it is consistent with arsenic concentrations found in soils at mix/load sites at golf courses outside of the study (DERM files). There were not enough data points to perform a comparative statistical analysis of arsenic concentration in soils at mix/load sites. Shallow well samples from the mix/load sites consistently exceeded the arsenic MCL with the median concentrations at 519 ug/L and 181 ug/L, respectively (Table 6b, Figure 7a,b,c,d). Arsenic was elevated and significantly different from background in the samples from the deep wells at, but the current MCL was not exceeded. Twenty-one percent of these samples exceeded the 2006 MCL. Arsenic concentrations in shallow well samples, collected during March of 1999 from the mix/load sites were within the range of concentrations experienced during 1997.

Sample Type	Depth	N	Arsenic Concentration			25 th	75 th
			Min	Max	Median	Percentile	Percentile
Soil (mg/kg)	Surficial	6	5.60	33.50	11.70	7.62	19.25
	Column	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

Site	Sample type	Depth	N	Arsenic Concentration			25 th	75 th
				Min	Max	Median	Percentile	Percentile
Briar Bay	Soil	Surficial	2	8.3	9.6	8.95	8.63	9.28
		Column	1	4.52			na	
	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
	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

Figure 7a and 7b: Arsenic concentration in soil samples from mix/load sites

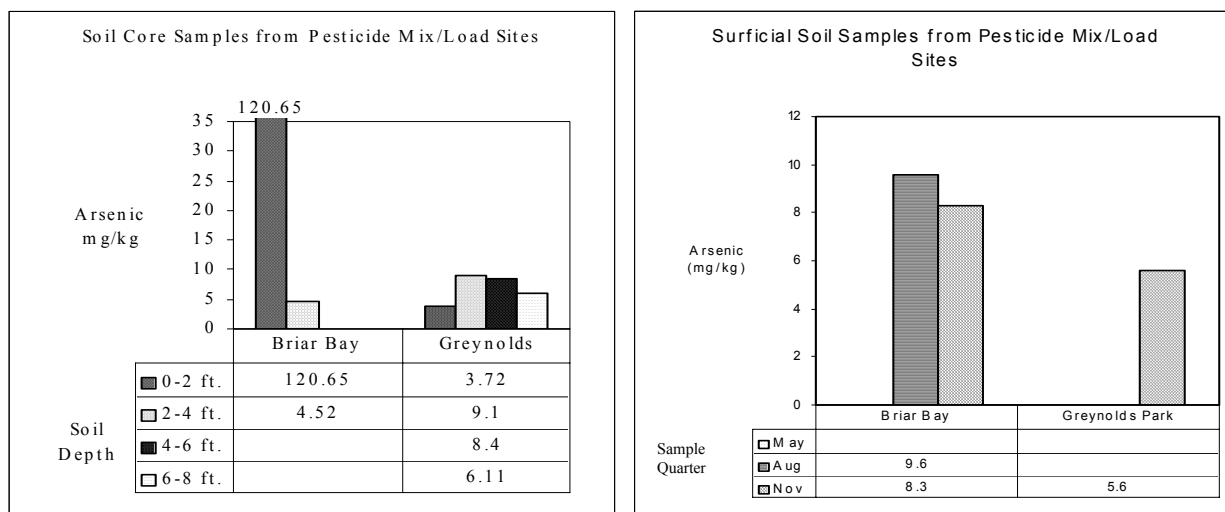
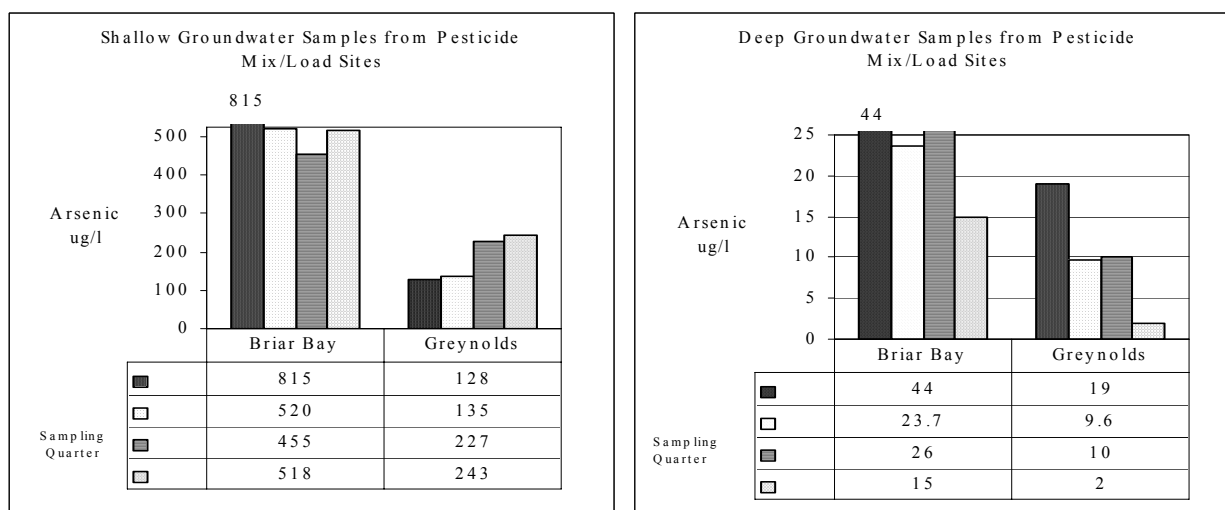


Figure 7c and 7d: Arsenic concentration in groundwater at mix/load sites



Arsenic at Fairway Sites

Summary statistics for arsenic concentrations at four monitored fairway sites are provided in Table 7. Arsenic was detected at levels exceeding both the residential CTL in forty five percent (45 %) and industrial CTL in thirty-six (36%) of the soil core samples from fairway sites. Arsenic levels in surficial soils exceeded both the residential and industrial CTL in all samples (Figure 8a and b).

Table 7: Summary Statistics for Arsenic at Fairway Sites

Sample Type	Depth	N	Arsenic Concentration				
			Minimum	Maximum	Median	25 th percentile	75 th 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
Background	Shallow	22	1.00	13.9	2.00		
	Deep	26	1.00	7.00	2.10		

Arsenic was elevated over background in the shallow groundwater at several fairway sites; however, the current MCL was exceeded only twice, once at Palmetto and once at Briar Bay Golf Course. The exceedence of the current MCL at Briar Bay Golf Course fairway #4 during the first sampling event was inconsistent with the trace levels detected in subsequent samples (Figure 8c). Shallow fairways wells at Key Biscayne and Palmetto consistently exceeded the 2006 MCL for arsenic.

Figure 8a and 8b: Arsenic concentration in core soil and surficial soil samples at fairway sites

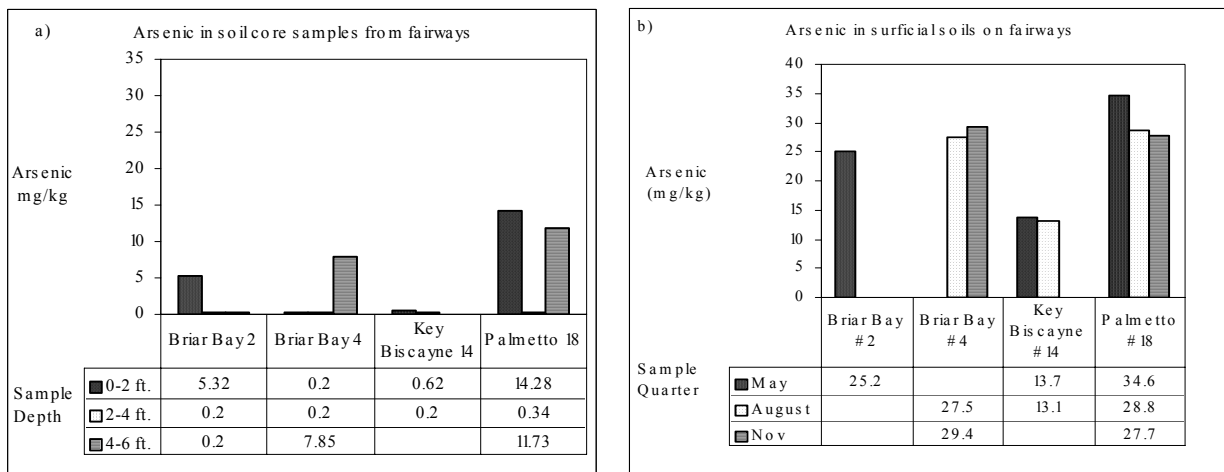
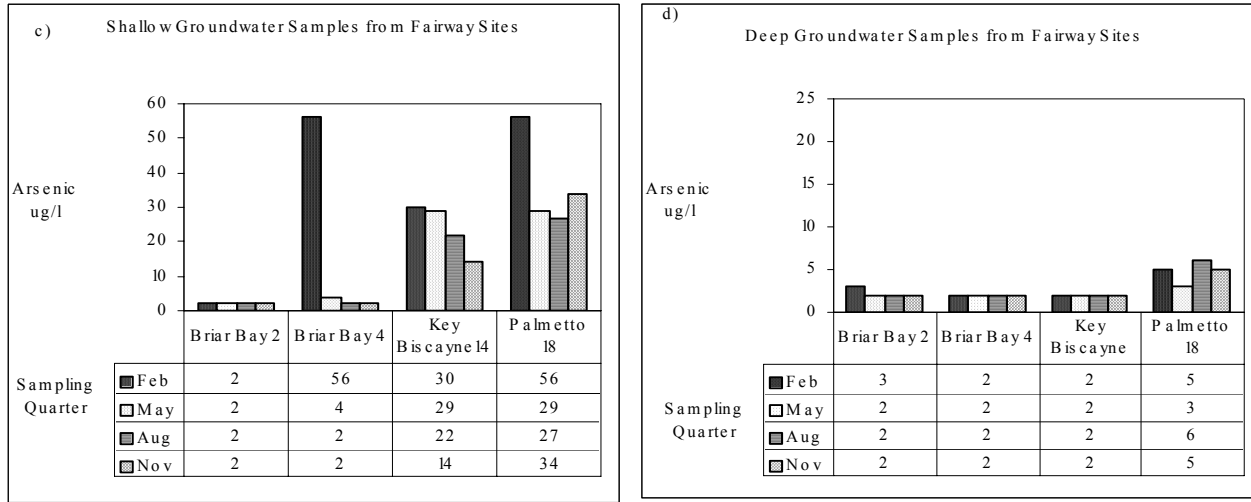


Figure 8c and 8d: Arsenic in groundwater (shallow and deep) at fairway sites



Arsenic was detected in trace amounts in thirty-one percent (31%) of the samples from deep wells (Figure 8d); however, neither the current nor the 2006 MCL was exceeded. Groundwater arsenic concentration obtained at fairways in 1999 were generally within the range of concentrations reported in 1997; however, the shallow well sample from the fairway at Key Biscayne (4.85 ug/L) indicated a significant decline from the 1997 concentrations.

Arsenic Levels at Green Sites

The residential soil CTL was exceeded in sixty-six (66%) of the soil column samples from green sites. Only one such sample exceeded the industrial CTL (Figure 9a.). In contrast, all but one surficial soil sample from greens exceeded the residential criteria and fifty (50%) exceeded the industrial criteria (Figure 9b.). The green at Greynolds Park had the highest surficial soil arsenic concentrations. Summary statistics for arsenic concentrations in soil and groundwater at green sites are provided in Table 8.

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

Arsenic levels in shallow wells on greens ranged from 7–55 ug/L, with only a single exceedence of the current MCL; however, seventy-five (75%) of these samples exceeded the 2006 MCL. Arsenic was detected in trace amounts at some of the deep wells (Figures 9c, d), but none of the samples exceeded either MCL. Data obtained from green sites during the 1999 sampling event

were consistent with the 1997 data except at Greynolds Park Golf Course where arsenic concentration in shallow groundwater declined to BDL.

Figure 9a and 9b: Arsenic in soil core and surficial soil samples at green sites

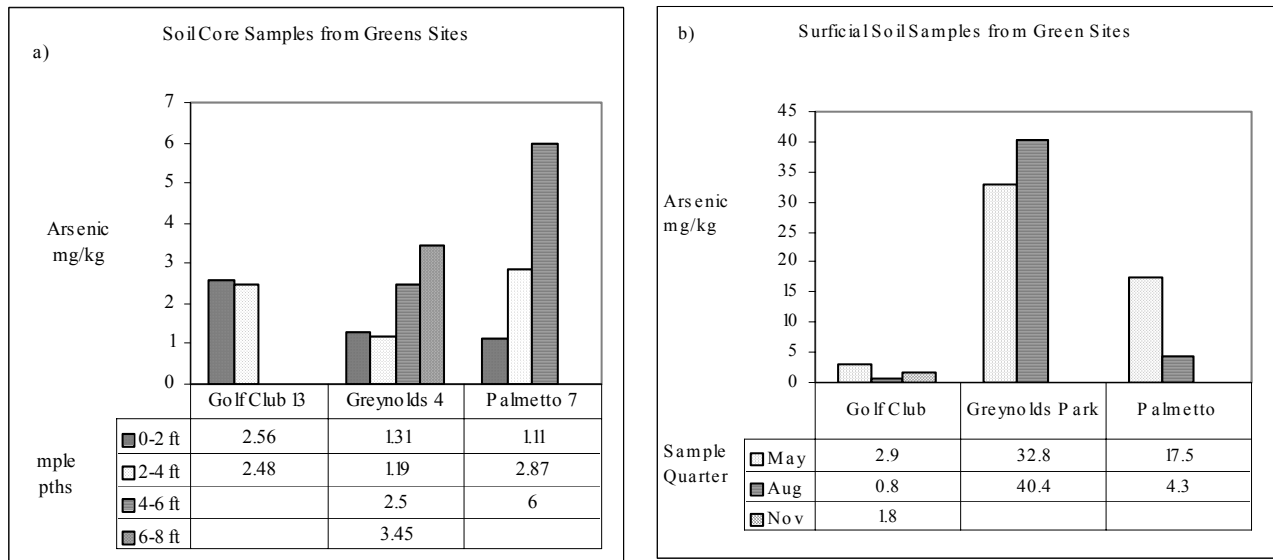
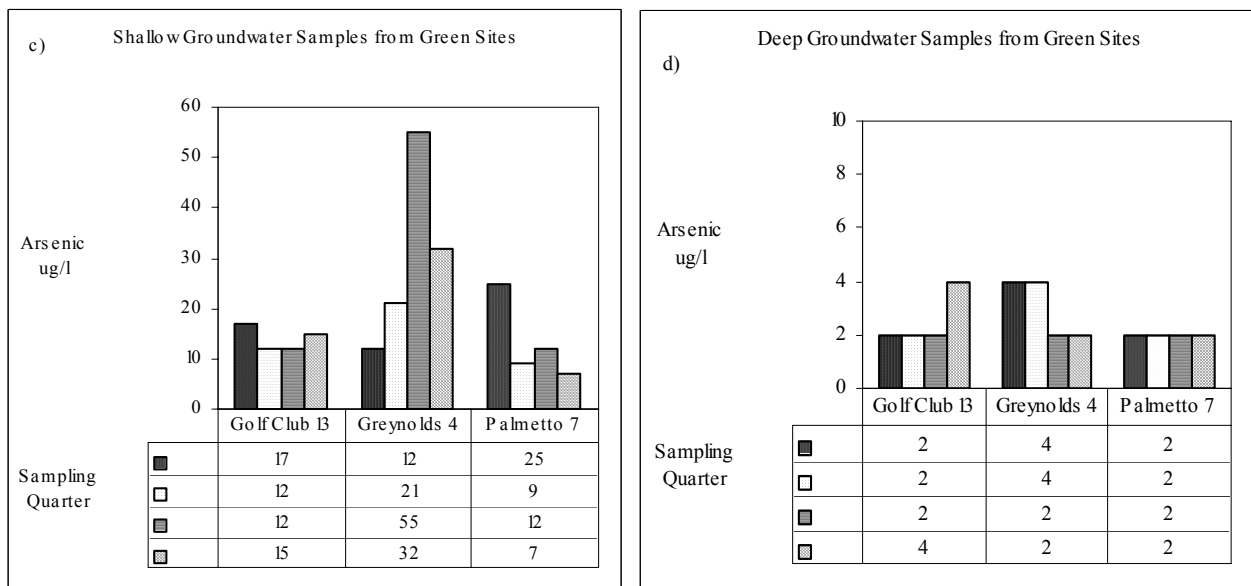


Figure 9c and 9d: Arsenic in groundwater (shallow and deep) at green sites

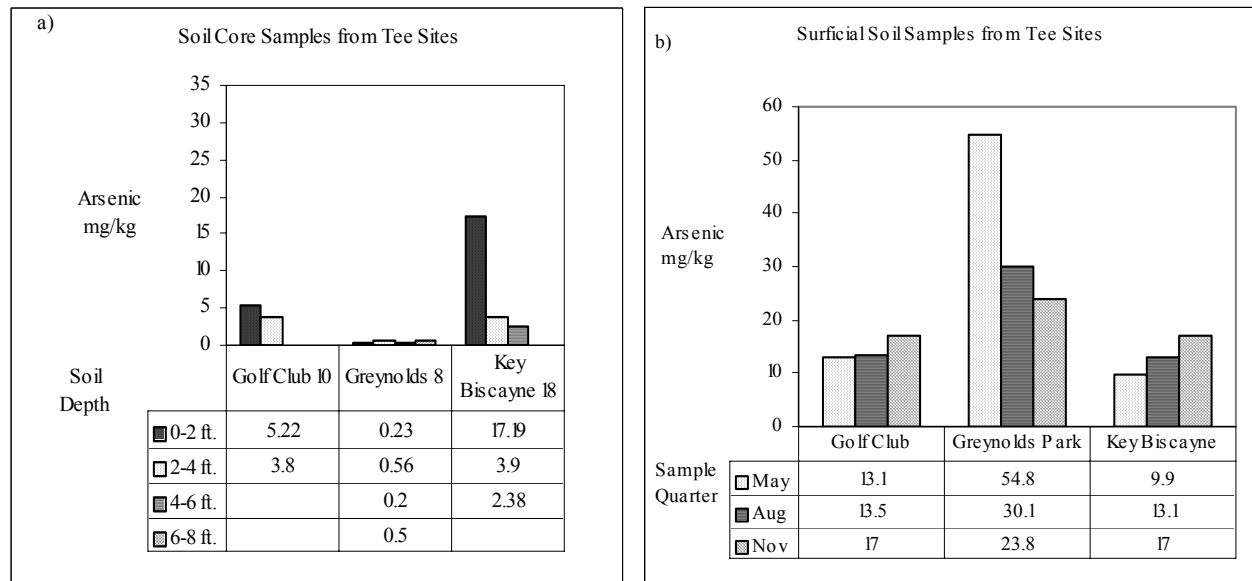


Arsenic Levels at Tee Sites

Three tee sites were monitored during the study; summary statistics for arsenic concentrations in soil and groundwater at tee sites are provided in Table 9. Soil arsenic levels from soil column samples ranged from BDL to 17.19 mg/Kg with thirty eight (38%) and thirty (30%) of the samples exceeding the residential and industrial soil CTLs, respectively (Figure 10a). Arsenic levels in all the surficial soil samples exceeded both the residential and industrial soil CTLs (Figure 10b). Values ranged from 9.9 to 54.8 mg/Kg.

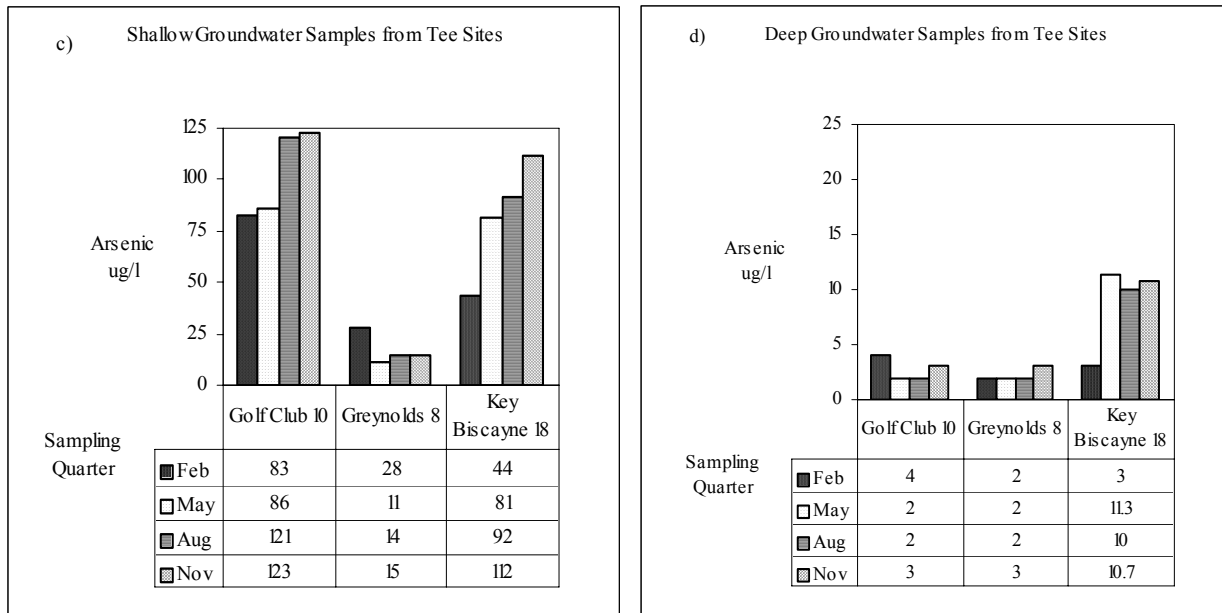
Sample Type	Depth	N	Arsenic Concentration			25 th percentile	75 th percentile
			Minimum	Maximum	Median		
Soil (mg/kg)	Surficial	9	9.9	54.8	17.00	13.1	26.95
	Core	10	0.1	17.19	1.69	0.36	4.32
Water (ug/L)	Shallow	12	10.5	123.0	81.75	18.25	23.97
	Deep	12	1.00	11.3	3.00	1.00	8.50

Figure 10a and 10b: Arsenic concentration in soil core and surficial soil samples at tee sites



Fifty-eight percent (58%) of shallow well samples at tee sites exceeded the current MCL and all samples exceeded the 2006 MCL. Except for Key Biscayne Golf Course where three of four samples from deeper wells exceeded the 2006 MCL, only trace concentrations of arsenic were detected at the other tee sites (Figure 10c and d). Arsenic concentration was elevated above the 1997 levels in the shallow well sample obtained from the tee at Golf Club of Miami during the 1999 sampling event.

Figure 10c and 10d: Arsenic in groundwater (shallow and deep) at tee sites



Comparison of Arsenic Concentration at Mix/Load sites and Play Areas

The occurrence of agrichemicals in soils and groundwater at mix/load sites is likely to reflect inputs from spills and discharges, whereas occurrence in the play areas is assumed to result in large part from applications of agrichemicals in accordance with label instructions. Based on the above, the loading rates of agrichemical to the environment in these two areas are expected to differ and this is expected to produce differences in contaminant levels in these two areas. The data were analyzed to determine if arsenic concentrations in soil and groundwater at mix/load areas was significantly different from concentrations encountered at the play areas.

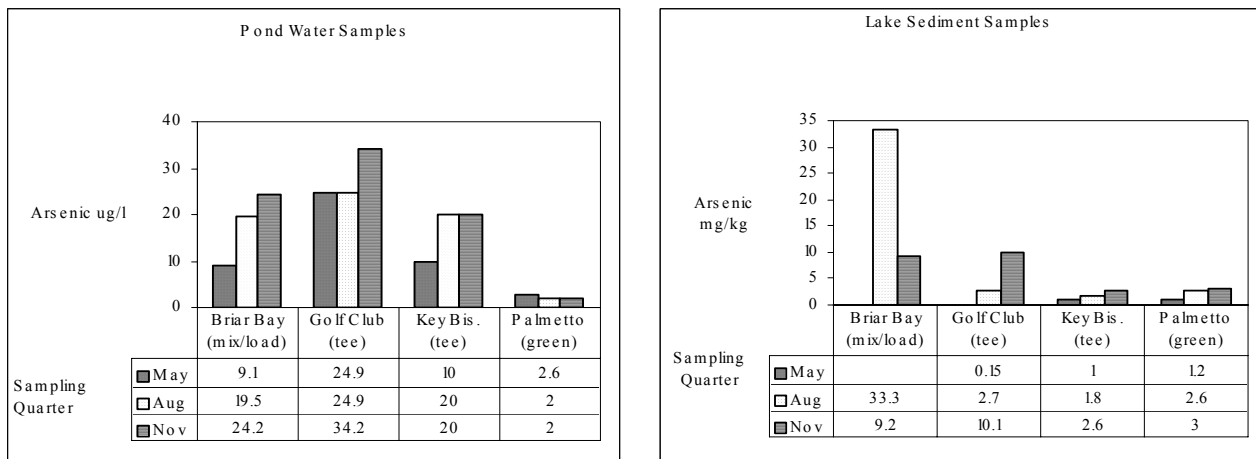
Kruskal-Wallis analyses of soil arsenic concentrations in the soil column indicated no statistically significant differences between the mix/load sites and the play areas. There were only three data points for surficial samples from mix/load sites and therefore no statistical comparison was made for surficial soils.

With respect to shallow groundwater, the Mann-Whitney test indicated that the population from mix/load sites was different from tees, green, and fairways. When the data from the three play areas were compared, using the Dunn test, tee sites were found to be significantly different from greens and fairways however, greens and fairways were not statically different populations. 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. The difference in arsenic concentration in the environment at tees and greens can be partially explained base on application patterns: since arsenical herbicides are typically not applied extensively to greens (personal communication) because the high turfgrass density on greens acts as a barrier to invading undesirable grass species. Tees and fairways are reported to have similar application patterns and so are expected to have similar levels of impact.

Arsenic in Surface Water and Sediments

During the last three sampling quarters in 1997, surface water and sediment samples were collected from ponds at four of the five golf courses and tested for total arsenic. Figure 11 presents the arsenic data for 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 freshwater surface water CTL of 50 ug/L.

Figure 11: Arsenic Concentration in Surface Water and Sediment



The range of arsenic concentration in sediment samples was 0.15 mg/kg to 33.3 mg/kg; median concentration was 2.6 mg/kg. Surface water and sediment arsenic concentrations were not correlated at the P = 0.05 level.

Private Home Well Sampling

In January 1998, based on the detection of arsenic in the groundwater at the golf courses in the study, the Florida Department of Health (FDOH), at the request of the FDEP, sampled nine private home wells within a 0.25-mile radius of the Palmetto and Briar Bay Golf Courses for arsenic. Palmetto Golf Course and Briar Bay Golf Course were the only golf courses in the study with documented private home wells located in adjacent neighborhoods. Well depths were assumed to be within the range that is typical for private home wells (20-50 ft). Arsenic was detected in 8 samples at concentrations (0.14 – 0.59 ug/L) well below that detected in groundwater at golf courses and consistent with observed background groundwater arsenic concentrations.

In addition, DERM staff conducted a search for private home wells adjacent to all other golf course (i.e. golf courses not participating in the study). Only one golf course, located in the South Dade agricultural area, had adjacent residences served by private potable wells. Five private home wells from residences adjacent to this course were sampled. All samples were below detection level for arsenic.

Arsenic in Fertilizers

Fourteen fertilizer samples were collected from the five participating golf courses and analyzed for arsenic as another potential source to the golf course environment. The levels of arsenic in the fertilizer formulations tested ranged from BDL to 15 mg/kg (Table 10) with a mean concentration of 3.27 mg/kg.

Sampling Location	Nitrogen Source	Proportions N P K	Arsenic (mg/Kg)
Golf Club of Miami	Ammoniated phosphate, polymer coated urea, sulfate of ammonia, muriate of potash, potassium nitrate, sulfate of potash	18-6-18	2
	Activated sludge, polymer coated urea, ammoniated phosphate, sulfate of potash, sulfate of potash-magnesia, sulfur coated urea	14-2-14	1
	Sulfate of potash, copper oxide, iron oxide, manganese sulfate, manganese oxide, zinc oxide, sodium borate, iron sulfate	8-10-10	4.3
	Ammoniated phosphate, polymer coated urea, potassium nitrate, sulfate of ammonia, sulfate of potash, muriate of potash	18-6-18	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	16-04-08	6.9
	Sewage sludge, packaged for retail use as a soil amendment		6.8
	Sulfate of ammonia, activated sludge, sulfate of potash, magnesium sulfate	10-00-10	2.7
Palmetto & Briar Bay Golf Courses	Sewage sludge, sulfur coated urea, triple super phosphate, sulfate of potash, sulfate of potash-magnesia	12-3-12	2
	Sulfate of ammonia		0.8
	Poly coated urea, coated urea, monoammonium phosphate, sulfate of potash, iron oxide, iron sulfate, manganese oxide	21-4-11	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	13-2-13	15
	Sulfur coated urea		BDL
	Sulfate of ammonia		BDL

The range of arsenic concentration in the golf course fertilizers is within the range of concentrations found in agricultural fertilizers based on a 1999 study conducted by the EPA (EPA 1999). In addition to the potential for directly contributing arsenic to the environment at golf courses, the use of phosphate fertilizers can also affect arsenic mobility in soil. Phosphate competes with and displaces arsenic for soil sorption sites resulting in increased arsenic mobility (Smith, et al 2002)

Pesticides

Pesticides in Groundwater

There were a total of twenty pesticide detections involving nine different pesticide residues. Nine of the detected concentrations were between the MDL and the PQL for the relevant analytical methodology. There were ten detections above the relevant PQL (Table 11) involving six pesticide residues (chlorothalonil, metribuzin, chlorpyrifos methyl, oxadiazon, atrazine, and dieldrin); only these are discussed further. The only pesticide detected at concentrations above the relevant groundwater guidance criteria was dieldrin.

Chlorothalonil was detected once at the mix/load site at Briar Bay Golf Course. Chlorothalonil is the active ingredient in various brands of broad spectrum fungicide. Annual usage of chlorothalonil at golf courses in Miami-Dade County is reported as up to thirty gallons (personal communication, DERM files). There were three detections of metribuzin at Golf Club of Miami. Metribuzin is the active ingredient in Sencor, one of the preferred herbicides used at golf courses in Miami-Dade County.

Three compounds (oxadiazon, chlorpyrifos-methyl, and dieldrin) not originally targeted for study were found at concentrations above PQL in shallow groundwater at Golf Club of Miami. Oxadiazon detected at the Golf Club of Miami is a pre-emergent herbicide used in crabgrass and goosegrass control. This product is applied twice per year at the Golf Club of Miami.

Station ID	Well	Sampling Quarter	Concentration (ug/L)	Pesticide Residue	CTL (ug/L)
BBML	Shallow	4th	0.25	Chlorothalonil	3.18
GCML	Shallow	2nd	1.6	Metribuzin	175
GCML	Shallow	4th	0.95	Chlorpyrifos Methyl	70
GCG13	Shallow	4th	9.7	Metribuzin	175
GCT10	Shallow	1st	0.14	Oxadiazon	35
GCT10	Shallow	1st	0.49	Dieldrin	0.1
GCT10	Shallow	2nd	0.12	Dieldrin	0.1
GCT10	Shallow	3rd	0.091	Dieldrin	0.1
GCT10	Shallow	4th	0.056	Dieldrin	0.1
GCT10	Shallow	4th	1.3	Metribuzin	175
GW 50	Back ground		0.48	Atrazine	3

Neither chlorpyrifos-methyl nor dieldrin are registered for use in turf management. Chlorpyrifos-methyl is an insecticide labeled for use on stored grain. Dieldrin is no longer registered for use in the United States; all uses were cancelled in 1987. However, dieldrin is very persistent in the environment, and as such, its presence at the Golf Club of Miami may be a remnant of historical usage unrelated to turf maintenance.

Atrazine was detected in one of the ambient background well, GW50, located in a residential area approximately one mile to the southeast of Golf Club of Miami. Atrazine is one of the most commonly used pesticides by volume in the United States and is one of the most frequently detected in groundwater nationally (EPA, 1997). It is widely used as a corn herbicide and as “weed and feed” products for use on lawns.

Seventy-five 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 sampled for chlorinated pesticides during all four sampling events. Six of the nine pesticide residues detected were chlorinated pesticides.

Pesticides in Surface Water

Trace amounts of four pesticides; fonofos, atrazine, oxadiazon, and ethoprop were detected in surface water from golf course ponds (Table 12). Four of six pesticide detections in surface water occurred at the Golf Club of Miami with atrazine and oxadiazon detected twice. Fonofos (1.2 ug/L) and ethoprop (0.66 ug/L) detected at the Briar Bay and Palmetto Golf Courses, respectively, exceeded the freshwater surface water CTL. Pesticide inventory records from these golf courses indicates that fonofos was last used at the Briar Bay Golf Course in 1996 and there was no record of ethoprop use at the Palmetto Golf Course in the two years prior to the study. Oxadiazon is the only pesticide that was detected in both ground and surface water. Both detections occurred at the Golf Club of Miami.

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

Nutrient Components

Phosphate in Groundwater

Concentrations of total phosphate (TPO₄) in groundwater ranged from BDL (0.02 mg/l) to 1.07 mg/l. In general, the shallow wells had higher phosphate levels than deeper wells. The median phosphate concentration for shallow wells was 0.16 mg/l compared to 0.06 mg/l in the deeper wells. Phosphate levels in groundwater were elevated over median background concentrations.

Historical data from the AWQMN (n=458) indicate background concentrations of phosphate in groundwater at 0.029mg/l.

Nitrates in groundwater

Eleven of fifty-two shallow groundwater samples exceeded the MCL of 10 mg/l for nitrates. The highest nitrate concentration was encountered at the mix/load site at Greynolds Park Golf Course (Figure 12). Median nitrate concentration in shallow wells (1.15 mg/l) was elevated above the median ambient background of 0.02 mg/l (n = 235). None of the deep well samples exceeded the MCL. Summary statistics for nitrates in groundwater are presented in Table 13.

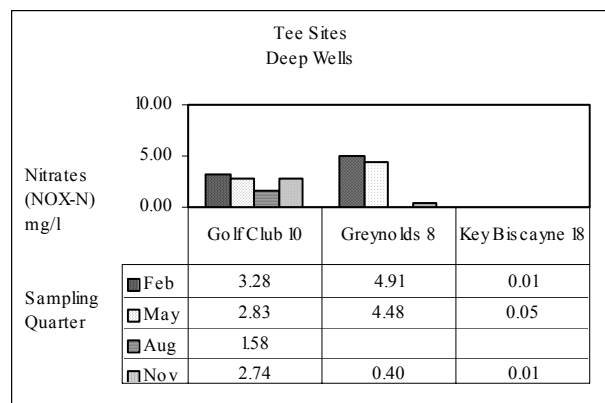
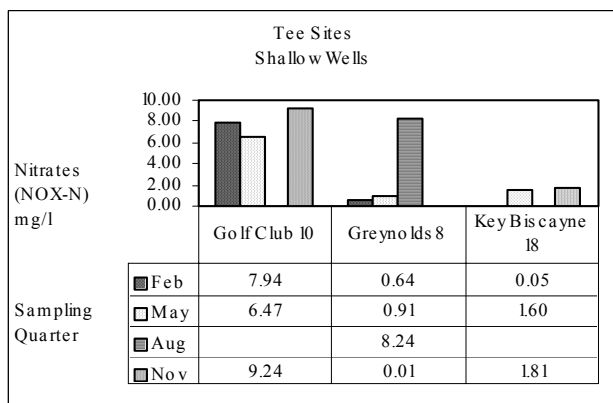
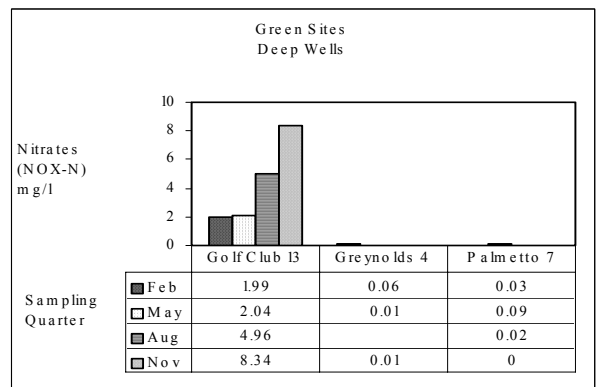
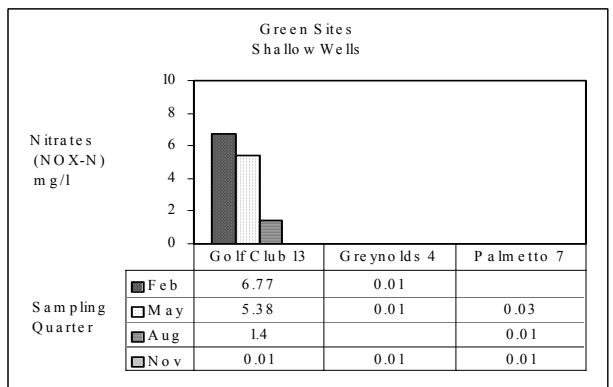
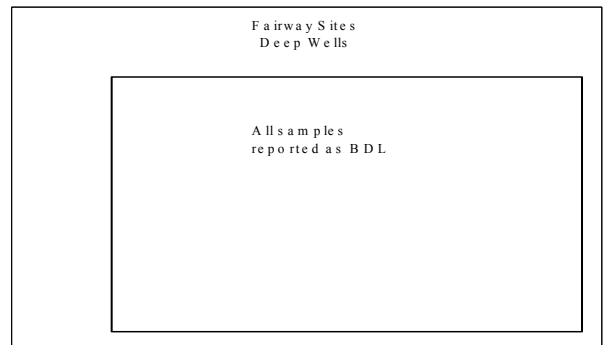
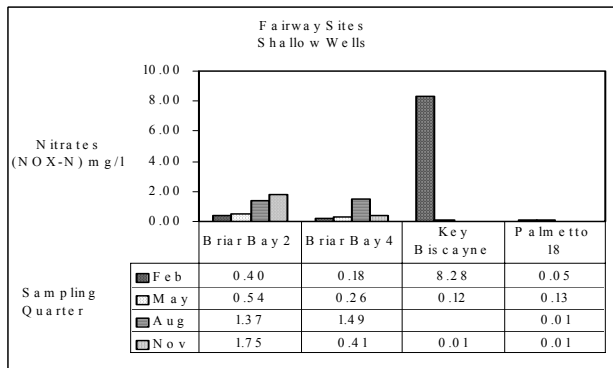
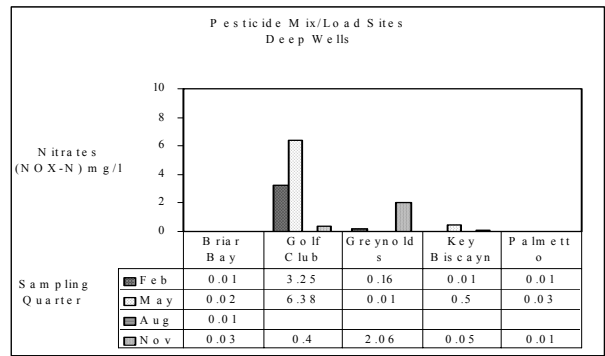
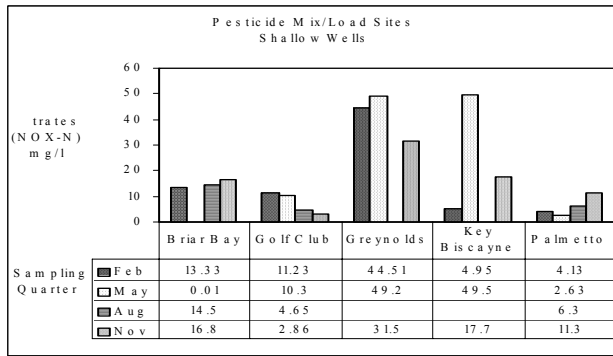
Multiple comparison analysis (Dunn test) of nitrates in shallow groundwater from the different golf course areas indicated that mix/load sites and tees represent one statistical population while greens and fairways represent another. Mix/load sites typically double as areas used for washing equipment including fertilizer spreaders, which might contribute to the nitrate loading to the environment in these areas. Based on personal communication with golf course superintendents, fertilization rates for greens and tee are relatively similar and higher than for fairways. As such the statistical similarity between greens and fairways is unexpected.

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

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 numerical surface water standards for nitrates or phosphates for non-potable surface waters (Class III). Nutrient concentrations encountered at golf course ponds were generally low. Nitrate concentrations ranged from below detection to 0.52 mg/l, while phosphates ranged from below detection to 0.23 mg/l (Table 14). None of the ponds showed visual evidence of excessive algal growth usually associated with eutrophic conditions.

Figure 12: Nitrate concentration in groundwater at golf courses in Miami-Dade County



	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

CONCLUSION

a. Arsenic

Soils from golf courses evaluated in this study generally contain concentrations of arsenic that are greater than those found in background areas. Ninety-four percent (94%) and eighty-seven percent (87%) of the surficial soil samples from golf courses exceeded the residential and industrial soil CTL. Soil boring samples contained elevated levels of arsenic from the surface down to the saturated zone.

Groundwater samples from the shallow monitoring wells at the study sites were also found to contain arsenic at levels greater than background. Thirty two percent of samples collected from wells near the water table (shallow wells) exceeded the current MCL and seventy seven percent exceed the 2006 MCL of 10 ug/L. On average, arsenic was undetected (MDL 2ug/L) in wells at depths of approximately twenty feet. Except for sites with heavier loading (mix/load areas and tees) arsenic concentrations in deeper wells were similar to background levels and did not exceed the MCL.

Few potable wells are located near golf courses and none of those sampled contained arsenic residues at concentrations different from background levels.

Arsenic levels in surface water samples did not exceed the freshwater surface water CTL; however, concentrations were often an order of magnitude greater than the levels typically encountered in other surface water bodies in Miami-Dade County.

Arsenic in the golf course environment may derive from agrichemical usage as well as other anthropogenic sources relating to current or previous land uses. In this study, the relative contributions from the various potential anthropogenic sources have not been ascertained; however, the patterns of arsenic occurrence suggests that current or past agronomic practices have played a significant role in elevated arsenic concentrations. It is known that arsenical herbicides have been used for an extended period at the golf courses, and fertilizers containing some arsenic residues have also been applied. Based on arsenic concentrations in shallow wells; golf courses include three statistically different populations: mix/load sites, tees, and greens and

fairways. Elevated levels of arsenic in play areas are assumed to result in large part from routine agrichemical application, whereas contamination at the mix/load sites is likely attributable to the incremental effect of deposition from past spills and/or equipment cleaning activities.

b. Pesticides

Generally, pesticides were detected in trace amounts in shallow wells and surface water. One pesticide residue, dieldrin, exceeded the groundwater CTL while fonofos and ethoprop exceeded the surface water CTL. In some cases the source of these pesticides cannot be linked to golf course turf management activities.

c. Nutrients

Groundwater at golf courses contains elevated concentration of nitrates with the highest concentrations associated with mix/loading areas. However, groundwater under the play areas on the courses also contains nitrates elevated above background. The distribution of nitrates in groundwater from the play areas appears to be consistent with routine turf management practices. Nitrate concentration in groundwater decreases from tees to greens to fairways. This coincides with relative fertilization rates.

RECOMMENDATIONS

1. The study documents the occurrence of arsenic in soils and groundwater at municipal golf courses. If resources allow, further assessment should determine the aerial extent of occurrence and evaluate the potential for offsite migration.
2. Arsenical agrichemicals used in routine turf management activities could be a source of arsenic in soil and groundwater. Further work is required to determine actual quantities used and to assess the environmental fate of these chemicals. The need for management practices to mitigate arsenic impact should be evaluated.
3. The data indicates that the current agrichemical mixing and handling practices significantly contribute to soil and groundwater contamination. Improved management practices should be explored to prevent contamination associated with agrichemical 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. A review of existing data should be conducted to assess arsenic levels in potable wells near golf courses. This review should determine whether additional sampling is needed to assess potential occurrence of arsenic in drinking water near golf courses.

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

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APPENDIX

LIST OF APPENDICIES

- A. Study Site Description
- B. Site Maps
- C. Groundwater Data
- D. Surface Water Data
- E. Soil Data

Appendix A:

Study Site Descriptions

Key Biscayne Golf Course

The Key Biscayne Golf Course (recently renamed Crandon Golf Course) was established in 1972. This 18-hole PGA course occupies approximately 125 acres on the island of Key Biscayne located off the southeast coast of Miami-Dade County. It is bordered by Biscayne Bay 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 2)

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 1970s (DERM files).

Soils in this area are of the St Augustine Series (NRCS Soil Survey). The St Augustine sands are somewhat poorly drained with less than two percent slope and a two to twenty percent (2-20%) permeability. Soils of this type typically contain of one to three percent organic matter.

Information obtained from lithology logs during well drilling for this project revealed a very distinct, fibrous, dusky brown, peat layer approximately 1 foot deep. This layer occurred at a 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 overlies the peat. This layer could be fill material. Subtending the peat to a depth of about twenty two 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 thirty feet of the Biscayne Bay. The chemistry of the groundwater reflects a tidal influence with specific conductivity readings as high as 15,900 uhs/cm along the western fringe. A conductivity gradient observed between shallow and deep wells, especially along the west side of the course, suggests that a lens of brackish to fresh water overlies more saline waters.

The land surface lies at approximately 5 feet above sea level with an average groundwater depth at approximately two feet above sea level. Localized groundwater flow appears to be northeasterly towards Biscayne Bay. The golf course uses utility water for irrigation since the salinity of the groundwater precludes its use. Utility water is piped into a retention lagoon from which it is distributed for irrigation. The golf course uses in excess of 130 million gallons of water per year. Although this figure includes total water usage for the golf course, it is reasonable to assume that most of that water is used for irrigation.

Golf Club of Miami

This golf course was established in 1962. It is 160 acres in size and is located in northwest Miami-Dade County. It 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 traversed by an FPL easement with high voltage power lines and an

underground jet fuel pipeline runs through the property. The course is located within 350 feet of the Peter Pike Canal on the north and west sides (Figure 2).

Soils in this area are broadly described as Udorthents and consist mainly of fill material over hard limestone substrata. These soils are moderate to well drained with a zero to five percent slope and are typically located in developed areas. The soils are considered well suited for golf courses (NRCS 1996).

Lithology information obtained during monitoring well installation indicates that the area consists of a soft, pale orange, sub rounded sand to approximately twenty two feet. The sand layer overlies a hard, fossilized limestone substratum thought to be the Fort Thompson Formation. Land surface elevation range from four to six feet above sea level (DERM topography data).

The golf course is irrigated using groundwater as well as water from the freshwater ponds on the golf course. There are four irrigation wells which extract water from the underlying Biscayne Aquifer. This water is supplemented for irrigation purposes with water from the ponds.

Briar Bay Golf Course

Briar Bay Golf Course, established in 1974, is a nine-hole facility that occupies approximately thirty acres. Established as a part of the Briar Bay subdivision it is located approximately one half mile west of US 1 (South Dixie Highway) in southwest Dade County. The C100C canal is located approximately 300 feet away and runs parallel to the golf course on the west and south sides (Figure 3)

Prior to 1971, the area supported very dense pineland vegetation. The pine forest was cleared between 1971 and 1972 to allow for the diversion of the C100C canal which had historically run parallel to SW 128 Street along what is currently the north side of the Briar Bay Golf Course. Between February and December of 1972, the C100C canal was diverted 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 five to twelve percent clay and one to two percent organic matter (NRCS 1996). These soils are 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 twenty-three feet a harder formation of Key Largo limestone was encountered. Rock fragments from this layer consisted of conus and bryzoan fossils. There was indication of dolomite replacement with calcite crystals. Land surface elevation is between eight and ten feet above sea level (DERM topographic data) with average groundwater depth at approximately three feet above sea level.

The golf course is irrigated using groundwater supplied by a single irrigation well that produces from the Biscayne Aquifer. Groundwater measurements obtained during the study suggest that localized groundwater flow is in a northerly direction.

Palmetto Golf Course

Established in the early 1960s the golf course occupies approximately 120 acres in southwest Miami-Dade County. The golf course is surrounded on the west and south by residential development and on the east and north by South Dixie Highway and Coral Reef Drive, respectively (Figure 4).

Aerial photographs from the 1950s indicate that the area was farmed prior to being developed as a golf course. The C100 canal traverses the property in an approximate northwest to southeast direction. The Soil Survey of Dade County 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 study indicate that the area consists of a layer of silty to clayey sands down to approximately five feet. Miami oolite limestone subtends the sandy layer and extends to approximately twenty four feet. A layer of soft, pale yellow-orange lime mud occurs between twenty four and thirty, feet which was the maximum depth of drilling.

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 twelve feet above sea level on the east side of the golf course to approximately eight feet on the north and southwest sides (DERM topography data).

Measurements obtained during the study indicate average groundwater depth at approximately four feet above sea level. Local groundwater flow appears to be northeasterly away from the canal. However, it seems logical to expect that on the west side of the course, especially adjacent to the canal of the course groundwater is influenced by the C100 canal.

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

Greynolds Park Golf Course

This golf course was established in the 1950s 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 5). 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 Dade fine sand and are described as well drained with smooth slopes (less than two percent) with very high permeability, (< 20 inch/hr). These soils typically consist of zero to five percent clay and zero to five percent organic matter. They are considered well 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 (DERM topography data).

Lithology information obtained from the site indicates two feet of organic material overlying 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 overlies the limestone bedrock. The limestone formation is believed to be Miami Oolite.

The golf course is irrigated using water from the underlying Biscayne Aquifer which is accessed using three irrigation wells on site. Approximately seventy million gallons of water are used for irrigation each year. Water level measurements obtained during the study reveal average groundwater depth at approximately two feet above sea level, with an easterly flow towards the Oleta River.

APPENDIX B: Site Maps

Figure 1: Key Biscayne Golf Course

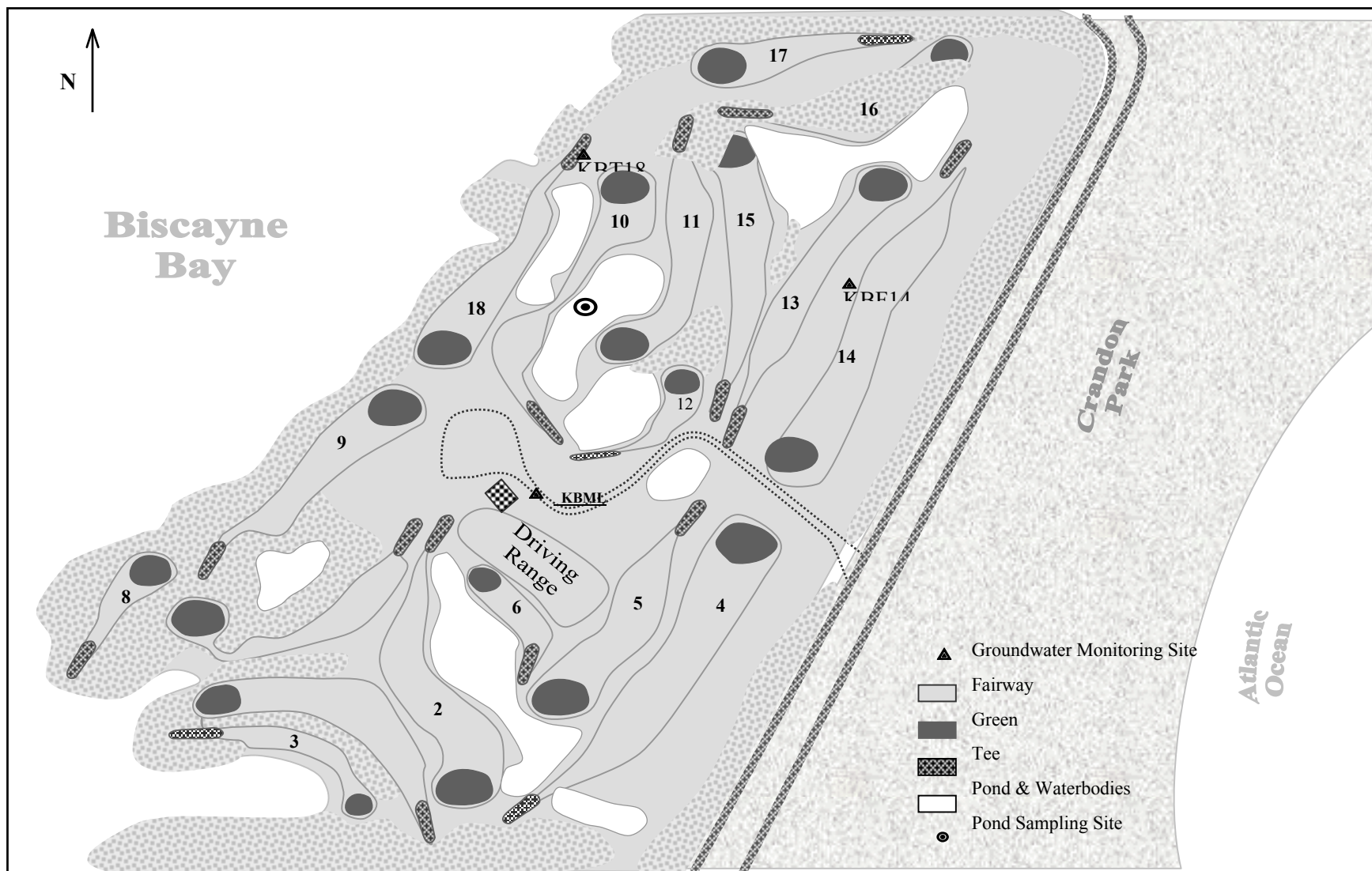


Figure 2: Golf Club of Miami



Figure 3: Briar Bay Golf Course

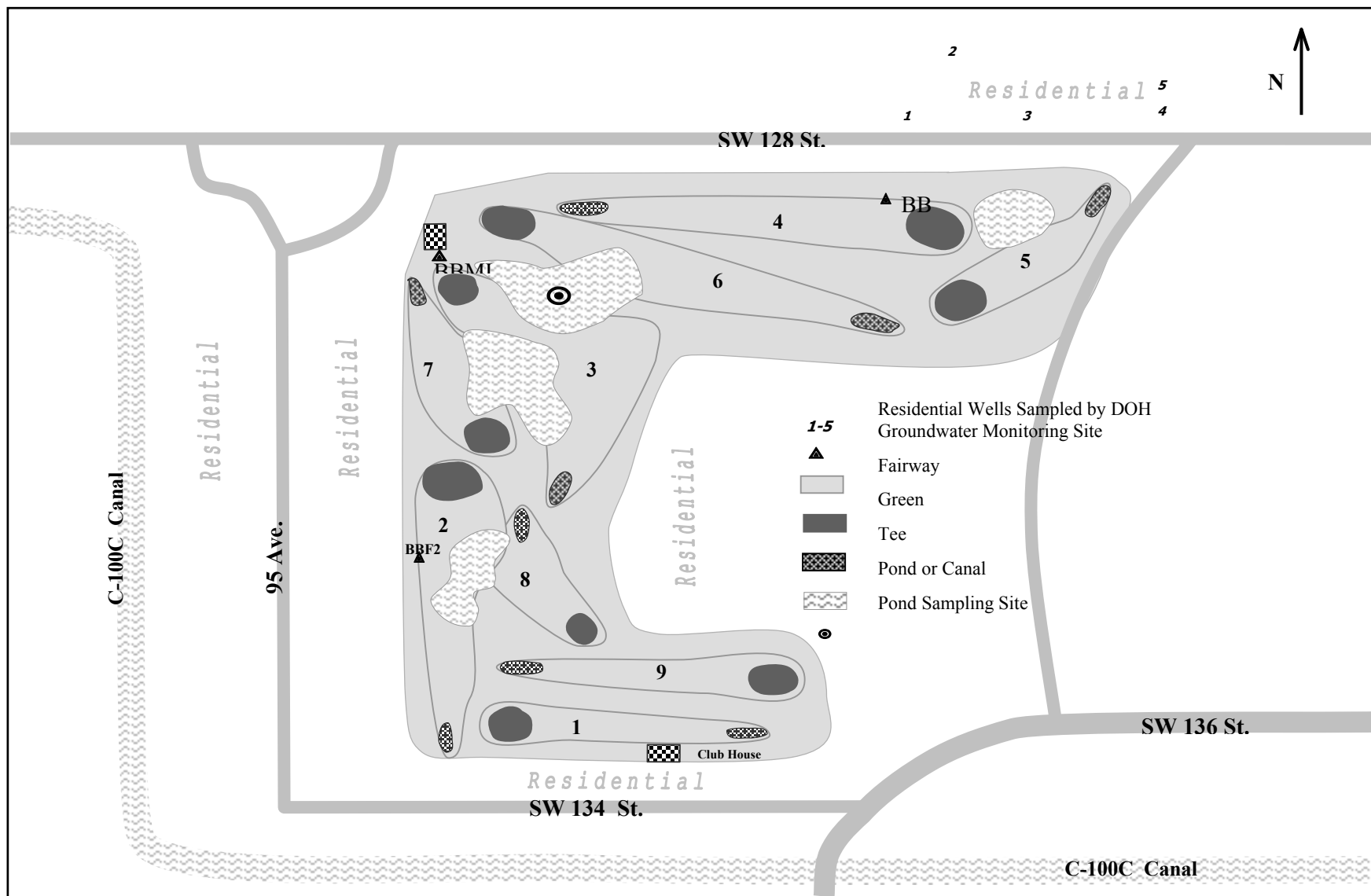


Figure 4: Palmetto Golf Course

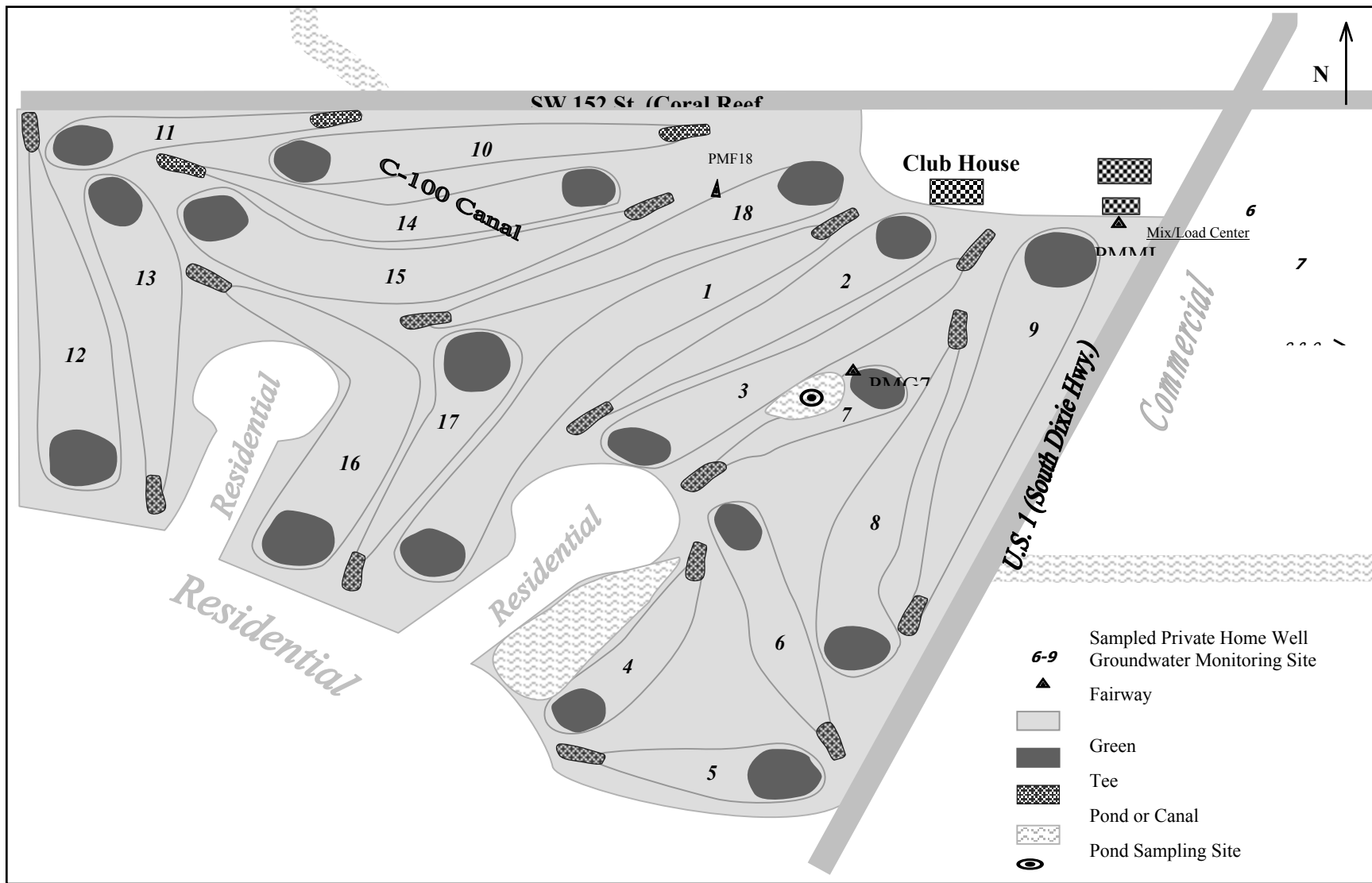
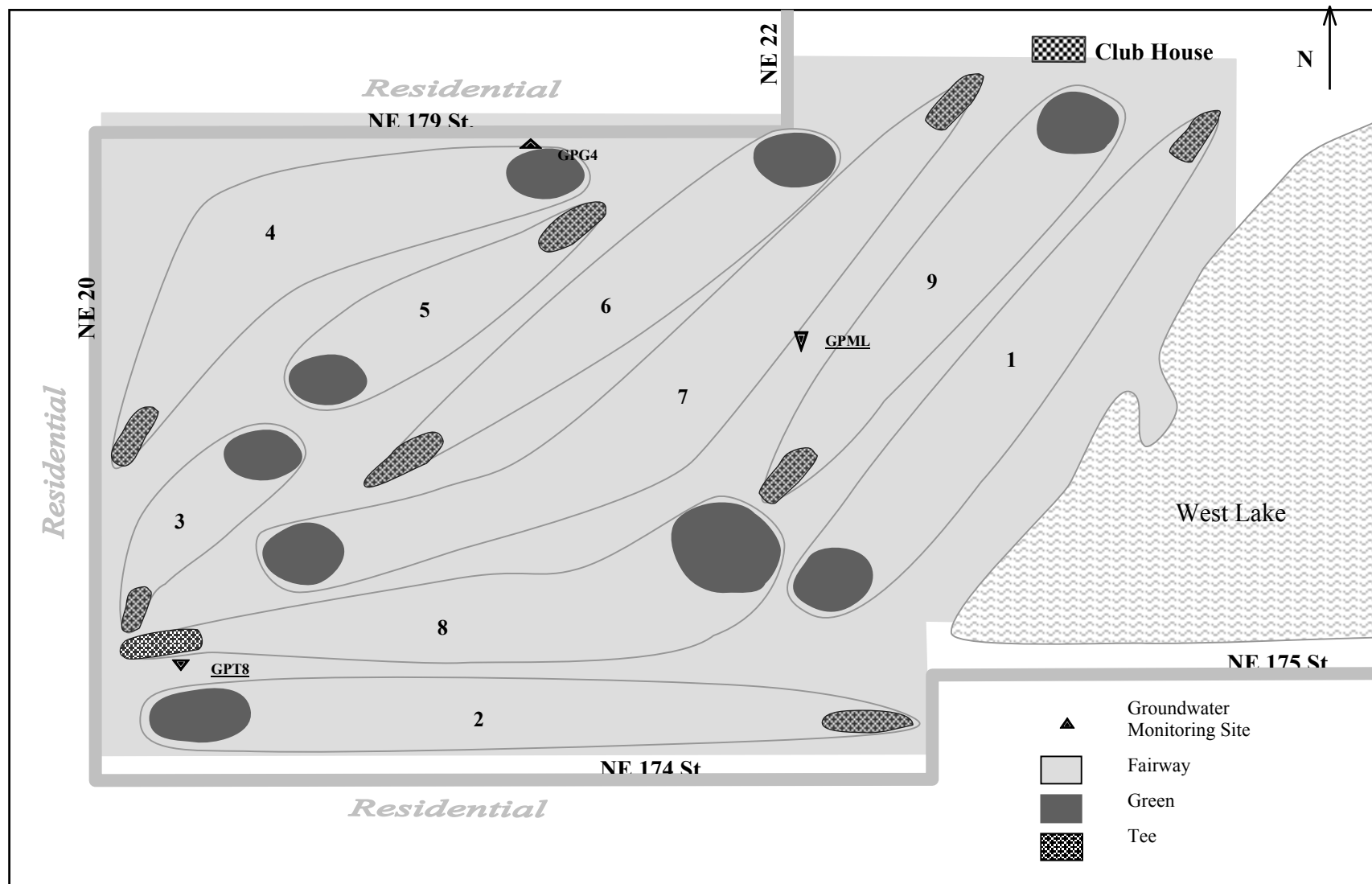


Figure 5: Greynolds Park Golf Course



DATA TABLES

APPENDIX C-E:

Laboratory Abbreviations and Field Codes

- A- Value reported is the mean of two or more determinations
 - B- Results based on colony counts outside of the acceptable range
 - I- Value reported is less than the minimum quantification limit, and greater than or equal to the minimum detection limit
 - J- Estimated value
 - K- Actual value is known to be less than value given
 - L- Actual value is known to be greater than value given
 - N- Presumptive evidence of presence of material
 - O- Sampled but analysis lost or not performed
 - T- Value reported is less than criterion of detection
 - U- Material was analyzed for but not detected; the value reported is the minimum detection limit
 - V- Analyte was detected in both sample and method blank
 - Z- Colonies too numerous to count
-
- Ns- Not sampled
 - Na- Not analyzed
 - Ls- Sampled but samples lost or destroyed prior to analysis

Appendix C: Groundwater Data

Palmetto Golf Course

Shallow Wells (8-12 ft)					Field Data					Deep Wells (22-28 ft)				
StationID	Date	Value	ParamID	Lab	StationID	Date	Value	ParamID	Lab	StationID	Date	Value	ParamID	Lab
PMF18	2/24/1997	709	Conductivity	Hydrolab	PMF18	2/24/1997	532	Conductivity	Hydrolab	PMF18	2/24/1997	0.15	Oxygen Dissolved	Hydrolab
PMG7	2/24/1997	506	Conductivity	Hydrolab	PMG7	2/24/1997	529	Conductivity	Hydrolab	PMG7	2/24/1997	0.17	Oxygen Dissolved	Hydrolab
PMML	2/24/1997	660	Conductivity	Hydrolab	PMML	2/24/1997	541	Conductivity	Hydrolab	PMML	2/24/1997	0.18	Oxygen	Hydrolab
PMF18	2/24/1997	0.2	Oxygen Dissolved	Hydrolab	PMF18	2/24/1997	7.3	pH	Hydrolab	PMF18	2/24/1997	102	Redox	Hydrolab
PMG7	2/24/1997	0.44	Oxygen Dissolved	Hydrolab	PMG7	2/24/1997	7.39	pH	Hydrolab	PMG7	2/24/1997	286	Redox	Hydrolab
PMML	2/24/1997	1.67	Oxygen	Hydrolab	PMML	2/24/1997	7.02	pH	Hydrolab	PMML	2/24/1997	190	Redox	Hydrolab
PMF18	2/24/1997	7.02	pH	Hydrolab	PMF18	2/24/1997	106	Redox	Hydrolab	PMF18	2/24/1997	na	Salinity	Hydrolab
PMG7	2/24/1997	7.39	pH	Hydrolab	PMG7	2/24/1997	126	Redox	Hydrolab	PMG7	2/24/1997	na	Salinity	Hydrolab
PMML	2/24/1997	7.02	pH	Hydrolab	PMML	2/24/1997	4.73	Redox	Hydrolab	PMML	2/24/1997	na	Salinity	Hydrolab
PMF18	2/24/1997	106	Redox	Hydrolab	PMF18	2/24/1997	25.32	Temp	Hydrolab	PMF18	2/24/1997	25.9	Temp	Hydrolab
PMG7	2/24/1997	126	Redox	Hydrolab	PMG7	2/24/1997	23.19	Temp	Hydrolab	PMG7	2/24/1997	24.97	Temp	Hydrolab
PMML	2/24/1997	4.73	Redox	Hydrolab	PMML	2/24/1997	26.5	Temp	Hydrolab	PMML	2/24/1997	26.56	Temp	Hydrolab
PMF18	2/24/1997	na	Salinity	Hydrolab	PMF18	2/24/1997	702	Conductivity	Hydrolab	PMF18	5/15/1997	410	Conductivity	Hydrolab
PMG7	2/24/1997	na	Salinity	Hydrolab	PMG7	2/24/1997	523	Conductivity	Hydrolab	PMG7	5/15/1997	470	Conductivity	Hydrolab
PMML	2/24/1997	na	Salinity	Hydrolab	PMML	2/24/1997	659	Conductivity	Hydrolab	PMML	5/15/1997	314	Conductivity	Hydrolab
PMF18	2/24/1997	25.32	Temp	Hydrolab	PMF18	5/15/1997	na	Oxygen Dissolved	Hydrolab	PMF18	5/15/1997	1.18*	Oxygen Dissolved	Hydrolab
PMG7	2/24/1997	23.19	Temp	Hydrolab	PMG7	5/15/1997	na	Oxygen Dissolved	Hydrolab	PMG7	5/15/1997	1.03*	Oxygen Dissolved	Hydrolab
PMML	2/24/1997	26.5	Temp	Hydrolab	PMML	5/15/1997	na	Oxygen Dissolved	Hydrolab	PMML	5/15/1997	1.07*	Oxygen Dissolved	Hydrolab
PMF18	5/15/1997	702	Conductivity	Hydrolab	PMF18	5/15/1997	na	Oxygen	Hydrolab					
PMG7	5/15/1997	523	Conductivity	Hydrolab										
PMML	5/19/1997	659	Conductivity	Hydrolab										
			Dissolved											
PMF18	5/15/1997	na	Oxygen	Hydrolab										
PMG7	5/15/1997	na	Oxygen	Hydrolab										
			Dissolved											
PMML	5/19/1997	na	Oxygen	Hydrolab										

Palmetto Golf Course

Shallow Wells (8-12 ft)

StationID	Date	Value	ParamID	Lab
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
PMG7	8/11/1997	751	Conductivity	Hydrolab
PMML	8/11/1997	715	Conductivity	Hydrolab
PMF18	8/11/1997	na	Oxygen Dissolved	Hydrolab
PMG7	8/11/1997	na	Oxygen Dissolved	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

Field Data

Deep Wells (22-28 ft)

StationID	Date	Value	ParamID	Lab
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
PMG7	8/11/1997	506	Conductivity	Hydrolab
PMML	8/11/1997	395	Conductivity	Hydrolab
PMF18	8/11/1997	na	Oxygen Dissolved	Hydrolab
PMG7	8/11/1997	na	Oxygen Dissolved	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

Field Data

Shallow Wells (8-12 ft)

StationID	Date	Value	ParamID	Lab
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	DO	Hydrolab
PMG7	11/19/1997	0.32	DO	Hydrolab
PMML	11/19/1997	1.26	DO	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

Deep Wells (22-28 ft)

StationID	Date	Value	ParamID	Lab
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	DO	Hydrolab
PMG7	11/19/1997	0.28	DO	Hydrolab
PMML	11/19/1997	0.29	DO	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

Nutrient Components

PMF18	2/24/1997	0.05	NOX-N	DERM	PMF18	2/24/1997	0.01	NOX-N	DERM
PMG7	2/24/1997	na	NOX-N	DERM	PMG7	2/24/1997	0.03	NOX-N	DERM
PMML	2/24/1997	4.13	NOX-N	DERM	PMML	2/24/1997	0.01(U)	NOX-N	DERM
PMG7	5/15/1997	0.03(I)	NOX-N	PBS&J	PMG7	5/15/1997	0.19	NOX-N	PBS&J
PMF18	5/15/1997	0.03	NOX-N	PBS&J	PMF18	5/15/1997	0.04(I)	NOX-N	PBS&J
PMML	5/19/1997	2.63	NOX-N	PBS&J	PMML	5/15/1997	0.03(I)	NOX-N	PBS&J
PMML	8/11/1997	6.3	NOX-N	PBS&J	PMF18	8/11/1997	0.02(I)	NOX-N	PBS&J
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

Palmetto Golf Course

Nutrient Components

Shallow Wells (8-12 ft)

StationID	Date	Value	ParamID	Lab
PMF18	2/24/1997	0.047	TPO4	DERM
PMG7	2/24/1997	na	TPO4	DERM
PMML	2/24/1997	0.338	TPO4	DERM
PMF18	5/15/1997	0.05(I)	TPO4	PBS&J
PMG7	5/15/1997	0.04(I)	TPO4	PBS&J
PMML	5/19/1997	0.03(I)	TPO4	PBS&J
PMF18	8/11/1997	0.04(I)	TPO4	PBS&J
PMG7	8/11/1997	0.04(I)	TPO4	PBS&J
PMML	8/11/1997	0.03(I)	TPO4	PBS&J
PMF18	11/19/1997	0.13	TPO4	PBS&J
PMG7	11/19/1997	0.02(U)	TPO4	PBS&J
PMML	11/19/1997	0.03(I)	TPO4	PBS&J

Deep Wells (22-28 ft)

StationID	Date	Value	ParamID	Lab
PMF18	2/24/1997	0.09	TPO4	DERM
PMG7	2/24/1997	0.009	TPO4	DERM
PMML	2/24/1997	0.01	TPO4	DERM
PMF18	5/15/1997	0.04(I)	TPO4	PBS&J
PMG7	5/15/1997	0.02(U)	TPO4	PBS&J
PMML	5/15/1997	0.03	TPO4	PBS&J
PMF18	8/11/1997	0.02(U)	TPO4	PBS&J
PMG7	8/11/1997	0.03	TPO4	PBS&J
PMML	8/11/1997	LS	TPO4	PBS&J
PMF18	11/19/1997	0.02(U)	TPO4	PBS&J
PMG7	11/19/1997	0.02(U)	TPO4	PBS&J
PMML	11/19/1997	0.02(U)	TPO4	PBS&J

Arsenic

Shallow Wells (8-12 ft)

StationID	Date	Value	ParamID	Lab
PMF18	2/24/1997	56	Arsenic	FDACS
PMF18	5/15/1997	29.4	Arsenic	FDACS
PMF18	8/11/1997	27(A)	Arsenic	FDACS
PMF18	11/19/1997	34.4(J)	Arsenic	FDACS
PMG7	2/24/1997	25	Arsenic	FDACS
PMG7	5/15/1997	9	Arsenic	FDACS
PMG7	8/11/1997	12	Arsenic	FDACS
PMG7	11/19/1997	6.5(J)	Arsenic	FDACS
PMML	2/24/1997	2(I)	Arsenic	FDACS
PMML	5/15/1997	2(U)	Arsenic	FDACS
PMML	8/11/1997	3(I)	Arsenic	FDACS
PMML	11/19/1997	2(U)	Arsenic	FDACS

Deep Wells (22-28 ft)

StationID	Date	Value	ParamID	Lab
PMF18	2/24/1997	5	Arsenic	FDACS
PMF18	5/15/1997	3(I)	Arsenic	FDACS
PMF18	8/11/1997	6	Arsenic	FDACS
PMF18	11/19/1997	5(I)	Arsenic	FDACS
PMG7	2/24/1997	2(I)	Arsenic	FDACS
PMG7	5/15/1997	2(U)	Arsenic	FDACS
PMG7	8/11/1997	2(I)	Arsenic	FDACS
PMG7	11/19/1997	2(U)	Arsenic	FDACS
PMML	2/24/1997	2(U)	Arsenic	FDACS
PMML	5/15/1997	2(U)	Arsenic	FDACS
PMML	8/11/1997	2(U)	Arsenic	FDACS
PMML	11/19/1997	2(U)	Arsenic	FDACS

Palmetto Golf Course

Pesticides

Shallow Wells (8-12 ft)

Deep Wells (22-28 ft)

StationID	Date	Lab Code	Value	Parameter	StationID	Date	Lab Code	Value	Parameter
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
				Azinphos Methyl					
PMF18	2/24/1997	U	0.19	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
				Chlorpyrifos Ethyl					
PMF18	2/24/1997	U	0.097	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
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
				Parathion Methyl					
PMF18	2/24/1997	U	0.097	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

Palmetto Golf Course

Shallow Wells (8-12 ft)				Pesticides						
StationID	Date	Lab Code	Value	Parameter	StationID	Date	Lab Code	Value	Parameter	
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	

Palmetto Golf Course

Pesticides

Shallow Wells (8-12 ft)

Deep Wells (22-28 ft)

StationID	Date	Lab Code	Value	Parameter	StationID	Date	Lab Code	Value	Parameter
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
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
				Parathion					
PMML	2/24/1997	U	0.095	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
				Azinphos					
PMF18	5/15/1997	U	0.19	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
				Chlorpyrifos					
PMF18	5/15/1997	U	0.095	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

Palmetto Golf Course

Shallow Wells (8-12 ft)				Pesticides						
StationID	Date	Lab Code	Value	Parameter	StationID	Date	Lab Code	Value	Parameter	
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	
				Parathion						
PMF18	5/15/1997	U	0.095	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	
				Azinphos						
PMG7	5/15/1997	U	0.19	Methyl	PMG7	5/15/1997	U	0.18	Azinphos Methyl	
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	
				Chlorpyrifos						
PMG7	5/15/1997	U	0.093	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	

Palmetto Golf Course

Shallow Wells (8-12 ft)				Pesticides					
StationID	Date	Lab Code	Value	Parameter	StationID	Date	Lab Code	Value	Parameter
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
				Parathion					
PMG7	5/15/1997	U	0.093	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
				Azinphos					
PMML	5/19/1997	U	0.19	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
				Chlorpyrifos					
PMML	5/19/1997	U	0.095	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

Palmetto Golf Course

Pesticides

Shallow Wells (8-12 ft)

Deep Wells (22-28 ft)

StationID	Date	Lab Code	Value	Parameter	StationID	Date	Lab Code	Value	Parameter
				Parathion					
PMML	5/19/1997	U	0.095	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
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
				Azinphos					
PMF18	8/12/1997	U	0.19	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
				Chlorpyrifos					
PMF18	8/12/1997	U	0.095	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
				Parathion					
PMF18	8/12/1997	U	0.095	Methyl	PMF18	8/11/1997	U	0.1	Parathion Methyl

Palmetto Golf Course

Pesticides

Shallow Wells (8-12 ft)

Deep Wells (22-28 ft)

StationID	Date	Lab Code	Value	Parameter	StationID	Date	Lab Code	Value	Parameter
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
				Azinphos					
PMG7	8/11/1997	U	0.19	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
				Chlorpyrifos					
PMG7	8/11/1997	U	0.095	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
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
				Parathion					
PMG7	8/11/1997	U	0.095	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

Palmetto Golf Course

Pesticides

Shallow Wells (8-12 ft)

Deep Wells (22-28 ft)

StationID	Date	Lab Code	Value	Parameter	StationID	Date	Lab Code	Value	Parameter
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
				Azinphos					
PMML	8/11/1997	U	0.19	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
				Chlorpyrifos					
PMML	8/11/1997	U	0.095	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
				Parathion					
PMML	8/11/1997	U	0.095	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

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Pesticides

Shallow Wells (8-12 ft)

Deep Wells (22-28 ft)

StationID	Date	Lab Code	Value	Parameter	StationID	Date	Lab Code	Value	Parameter
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'
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
				Endosulfan					
PMF18	11/19/1997	U	0.019	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
				Azinphos					
PMF18	11/19/1997	U	0.19	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
				Chlorpyrifos					
PMF18	11/19/1997	U	0.095	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

Palmetto Golf Course

Shallow Wells (8-12 ft)				Pesticides						Deep Wells (22-28 ft)			
StationID	Date	Lab Code	Value	Parameter	StationID	Date	Lab Code	Value	Parameter				
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				
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	U	0.29	Oxadiazon	PMG7	11/19/1997	U	0.29	Oxadiazon				
PMG7	11/19/1997	U	0.049	Alachlor	PMG7	11/19/1997	U	0.048	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				

Palmetto Golf Course

Shallow Wells (8-12 ft)				Pesticides						
StationID	Date	Lab Code	Value	Parameter	StationID	Date	Lab Code	Value	Parameter	
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	PMG7	11/19/1997	U	0.095	Chlorpyrifos Ethyl	
PMG7	11/19/1997	U	0.097	Ethyl	PMG7	11/19/1997	U	0.095	Chlorpyrifos Methyl	
PMG7	11/19/1997	U	0.097	Chlorpyrifos Methyl	PMG7	11/19/1997	U	0.095	Diazinon	
PMG7	11/19/1997	U	0.097	Diazinon	PMG7	11/19/1997	U	0.095	Ethion	
PMG7	11/19/1997	U	0.049	Ethion	PMG7	11/19/1997	U	0.048	Ethoprop	
PMG7	11/19/1997	U	0.097	Ethoprop	PMG7	11/19/1997	U	0.095	Fenamiphos	
PMG7	11/19/1997	U	0.29	Fenamiphos	PMG7	11/19/1997	U	0.29	Fonofos	
PMG7	11/19/1997	U	0.097	Fonofos	PMG7	11/19/1997	U	0.095	Malathion	
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	PMG7	11/19/1997	U	0.095	Parathion Methyl	
PMG7	11/19/1997	U	0.097	Methyl	PMG7	11/19/1997	U	0.095	Parathion Ethyl	
PMG7	11/19/1997	U	0.097	Parathion Ethyl	PMG7	11/19/1997	U	0.095	Phorate	
PMG7	11/19/1997	U	0.097	Phorate	PMG7	11/19/1997	U	0.095	Prometryn	
PMG7	11/19/1997	U	0.097	Prometryn	PMG7	11/19/1997	U	0.095	Simazine	
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'	

Palmetto Golf Course

Pesticides

Shallow Wells (8-12 ft)

Deep Wells (22-28 ft)

StationID	Date	Lab Code	Value	Parameter	StationID	Date	Lab Code	Value	Parameter
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
				Endosulfan Sulfate					
PMML	11/19/1997	U	0.019	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
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
				Azinphos Methyl					
PMML	11/19/1997	U	0.19	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
				Chlorpyrifos Ethyl					
PMML	11/19/1997	U	0.095	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
				Parathion Methyl					
PMML	11/19/1997	U	0.095	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

Palmetto Golf Course

Shallow Wells (8-12 ft)

StationID	Date	Lab Code	Value	Parameter
PMML	11/19/1997	U	0.095	Phorate
PMML	11/19/1997	U	0.095	Prometryn
PMML	11/19/1997	U	0.048	Simazine
PMML	11/19/1997	U	0.29	Prodiamine

Pesticides

Deep Wells (22-28 ft)

StationID	Date	Lab Code	Value	Parameter
PMML	11/19/1997	U	0.097	Phorate
PMML	11/19/1997	U	0.097	Prometryn
PMML	11/19/1997	U	0.049	Simazine
PMML	11/19/1997	U	0.29	Prodiamine

Briar Bay Golf Course

Briar Bay Golf Course

Field Data

StationID	Date	Parameter	Value	Lab
Shallow Wells (8-12 ft)				
BBF2	2/25/1997	Conductivity	630	Hydrolab
BBF4	2/25/1997	Conductivity	598	Hydrolab
BBML	2/25/1997	Conductivity	932	Hydrolab
BBF2	2/25/1997	Dissolved Oxygen	0.24	Hydrolab
BBF4	2/25/1997	Dissolved Oxygen	0.54	Hydrolab
BBML	2/25/1997	Oxygen	0.86	Hydrolab
BBF2	2/25/1997	pH	7.1	Hydrolab
BBF4	2/25/1997	pH	6.9	Hydrolab
BBML	2/25/1997	pH	7.04	Hydrolab
BBF2	2/25/1997	Redox	36	Hydrolab
BBF4	2/25/1997	Redox	492	Hydrolab
BBML	2/25/1997	Redox	405	Hydrolab
BBF2	2/25/1997	Salinity	na	Hydrolab
BBF4	2/25/1997	Salinity	na	Hydrolab
BBML	2/25/1997	Salinity	na	Hydrolab
BBF2	2/25/1997	Temp	24.23	Hydrolab
BBF4	2/25/1997	Temp	24.67	Hydrolab
BBML	2/25/1997	Temp	24.97	Hydrolab

StationID	Date	Parameter	Value	Lab
Deep Wells (22-28 ft)				
BBF2	2/25/1997	Conductivity	593	Hydrolab
BBF4	2/25/1997	Conductivity	664	Hydrolab
BBML	2/25/1997	Conductivity	587	Hydrolab
BBF2	2/25/1997	Dissolved Oxygen	0.15	Hydrolab
BBF4	2/25/1997	Dissolved Oxygen	0.17	Hydrolab
BBML	2/25/1997	Oxygen	0.15	Hydrolab
BBF2	2/25/1997	pH	7.22	Hydrolab
BBF4	2/25/1997	pH	6.8	Hydrolab
BBML	2/25/1997	pH	7.13	Hydrolab
BBF2	2/25/1997	Redox	-3	Hydrolab
BBF4	2/25/1997	Redox	253	Hydrolab
BBML	2/25/1997	Redox	98	Hydrolab
BBF2	2/25/1997	Salinity	na	Hydrolab
BBF4	2/25/1997	Salinity	na	Hydrolab
BBML	2/25/1997	Salinity	na	Hydrolab
BBF2	2/25/1997	Temp	25.88	Hydrolab
BBF4	2/25/1997	Temp	25.15	Hydrolab
BBML	2/25/1997	Temp	26.24	Hydrolab

Briar Bay Golf Course

Field Data

StationID	Date	Parameter	Value	Lab	StationID	Date	Parameter	Value	Lab
Shallow Wells (8-12 ft)					Deep Wells (22-28 ft)				
BBF2	5/19/1997	Conductivity	629	Hydrolab	BBF2	5/19/1997	Conductivity	581	Hydrolab
BBF4	5/19/1997	Conductivity	594	Hydrolab	BBF4	5/19/1997	Conductivity	713	Hydrolab
BBML	5/19/1997	Conductivity	835	Hydrolab	BBML	5/19/1997	Conductivity	569	Hydrolab
		Dissolved					Dissolved		
BBF2	5/19/1997	Oxygen	1.25	Hydrolab	BBF2	5/19/1997	Oxygen	1.42	Hydrolab
		Dissolved					Dissolved		
BBF4	5/19/1997	Oxygen	1.13	Hydrolab	BBF4	5/19/1997	Oxygen	1.07	Hydrolab
		Dissolved					Dissolved		
BBML	5/19/1997	Oxygen	1.07	Hydrolab	BBML	5/19/1997	Oxygen	1.21	Hydrolab
BBF2	5/19/1997	pH	6.89	Hydrolab	BBF2	5/19/1997	pH	7.08	Hydrolab
BBF4	5/19/1997	pH	6.92	Hydrolab	BBF4	5/19/1997	pH	6.74	Hydrolab
BBML	5/19/1997	pH	7.23	Hydrolab	BBML	5/19/1997	pH	6.93	Hydrolab
BBF2	5/19/1997	Redox	287	Hydrolab	BBF2	5/19/1997	Redox	87	Hydrolab
BBF4	5/19/1997	Redox	84	Hydrolab	BBF4	5/19/1997	Redox	138	Hydrolab
BBML	5/19/1997	Redox	133	Hydrolab	BBML	5/19/1997	Redox	104	Hydrolab
BBF2	5/19/1997	Salinity	0.3	Hydrolab	BBF2	5/19/1997	Salinity	0.3	Hydrolab
BBF4	5/19/1997	Salinity	0.3	Hydrolab	BBF4	5/19/1997	Salinity	0.4	Hydrolab
BBML	5/19/1997	Salinity	0.4	Hydrolab	BBML	5/19/1997	Salinity	0.3	Hydrolab
BBF2	5/19/1997	Temp	24.98	Hydrolab	BBF2	5/19/1997	Temp	25.6	Hydrolab
BBF4	5/19/1997	Temp	26.33	Hydrolab	BBF4	5/19/1997	Temp	25.86	Hydrolab
BBML	5/19/1997	Temp	25.73	Hydrolab	BBML	5/19/1997	Temp	25.76	Hydrolab
BBF2	8/14/1997	Conductivity	659	Hydrolab	BBF2	8/14/1997	Conductivity	588	Hydrolab
BBF4	8/14/1997	Conductivity	549	Hydrolab	BBF4	8/14/1997	Conductivity	710	Hydrolab
BBML	8/14/1997	Conductivity	756	Hydrolab	BBML	8/14/1997	Conductivity	619	Hydrolab
		Dissolved					Dissolved		
BBF2	8/14/1997	Oxygen	0.21	Hydrolab	BBF2	8/14/1997	Oxygen	0.25	Hydrolab
		Dissolved					Dissolved		
BBF4	8/14/1997	Oxygen	0.31	Hydrolab	BBF4	8/14/1997	Oxygen	0.26	Hydrolab
		Dissolved					Dissolved		
BBML	8/14/1997	Oxygen	0.23	Hydrolab	BBML	8/14/1997	Oxygen	0.23	Hydrolab
BBF2	8/14/1997	pH	6.96	Hydrolab	BBF2	8/14/1997	pH	7.18	Hydrolab
BBF4	8/14/1997	pH	6.98	Hydrolab	BBF4	8/14/1997	pH	6.93	Hydrolab

Briar Bay Golf Course

Field Data

StationID	Date	Parameter	Value	Lab	StationID	Date	Parameter	Value	Lab
Shallow Wells (8-12 ft)					Deep Wells (22-28 ft)				
BBML	8/14/1997	pH	7.2	Hydrolab	BBML	8/14/1997	pH	7.04	Hydrolab
BBF2	8/14/1997	Redox	-59	Hydrolab	BBF2	8/14/1997	Redox	-185	Hydrolab
BBF4	8/14/1997	Redox	-188	Hydrolab	BBF4	8/14/1997	Redox	-106	Hydrolab
BBML	8/14/1997	Redox	-85	Hydrolab	BBML	8/14/1997	Redox	-122	Hydrolab
BBF2	8/14/1997	Salinity	0.37	Hydrolab	BBF2	8/14/1997	Salinity	0.3	Hydrolab
BBF4	8/14/1997	Salinity	0.3	Hydrolab	BBF4	8/14/1997	Salinity	0.4	Hydrolab
BBML	8/14/1997	Salinity	0.4	Hydrolab	BBML	8/14/1997	Salinity	0.3	Hydrolab
BBF2	8/14/1997	Temperature	26.71	Hydrolab	BBF2	8/14/1997	Temperature	26	Hydrolab
BBF4	8/14/1997	Temperature	28.19	Hydrolab	BBF4	8/14/1997	Temperature	26.45	Hydrolab
BBML	8/14/1997	Temperature	28.52	Hydrolab	BBML	8/14/1997	Temperature	27.32	Hydrolab
BBF2	11/18/1997	Conductivity	640	Hydrolab	BBF2	11/18/1997	Conductivity	583	Hydrolab
BBF4	11/18/1997	Conductivity	525	Hydrolab	BBF4	11/18/1997	Conductivity	693	Hydrolab
BBML	11/18/1997	Conductivity	744	Hydrolab	BBML	11/18/1997	Conductivity	587	Hydrolab
BBF2	11/18/1997	Dissolved Oxygen	0.32	Hydrolab	BBF2	11/18/1997	Dissolved Oxygen	0.38	Hydrolab
BBF4	11/18/1997	Dissolved Oxygen	0.21	Hydrolab	BBF4	11/18/1997	Dissolved Oxygen	0.36	Hydrolab
BBML	11/18/1997	Dissolved Oxygen	0.33	Hydrolab	BBML	11/18/1997	Dissolved Oxygen	0.33	Hydrolab
BBF2	11/18/1997	pH	6.91	Hydrolab	BBF2	11/18/1997	pH	7.08	Hydrolab
BBF4	11/18/1997	pH	7.01	Hydrolab	BBF4	11/18/1997	pH	7.07	Hydrolab
BBML	11/18/1997	pH	7.18	Hydrolab	BBML	11/18/1997	pH	6.91	Hydrolab
BBF2	11/18/1997	Redox	81	Hydrolab	BBF2	11/18/1997	Redox	-27	Hydrolab
BBF4	11/18/1997	Redox	-81	Hydrolab	BBF4	11/18/1997	Redox	124	Hydrolab
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

Briar Bay Golf Course

Nutrient Components

StationID	Date	Value	Parameter	Lab	StationID	Date	Value	Parameter	Lab
Shallow Wells (8-12 ft)					Deep Wells (22-28 ft)				
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

Arsenic

Shallow Wells (8-12 ft)

StationID	Date	Value	Parameter	Lab
BBF2	2/25/1997	2(U)	Arsenic	FDACS
BBF2	5/19/1997	2(U)	Arsenic	FDACS
BBF2	8/14/1997	2(U)	Arsenic	FDACS
BBF2	11/18/1997	2(I)	Arsenic	FDACS

Deep Wells (22-28 ft)

StationID	Date	Value	Parameter	Lab
BBF2	2/25/1997	3(I)	Arsenic	FDACS
BBF2	5/19/1997	2(U)	Arsenic	FDACS
BBF2	8/14/1997	2(U)	Arsenic	FDACS
BBF2	11/18/1997	2(U)	Arsenic	FDACS

Arsenic

Shallow Wells (8-12 ft)

StationID	Date	Value	Parameter	Lab
BBF4	2/25/1997	56	Arsenic	FDACS
BBF4	5/19/1997	4(I)	Arsenic	FDACS
BBF4	8/14/1997	2(U)	Arsenic	FDACS
BBF4	11/18/1997	2(U)	Arsenic	FDACS
BBML	2/25/1997	815	Arsenic	FDACS
BBML	5/19/1997	520	Arsenic	FDACS
BBML	8/14/1997	455	Arsenic	FDACS
BBML	11/18/1997	518(J)	Arsenic	FDACS

Deep Wells (22-28 ft)

StationID	Date	Value	Parameter	Lab
BBF4	2/25/1997	2(U)	Arsenic	FDACS
BBF4	5/19/1997	2(U)	Arsenic	FDACS
BBF4	8/14/1997	2(U)	Arsenic	FDACS
BBF4	11/18/1997	2(U)	Arsenic	FDACS
BBML	2/25/1997	44(A)	Arsenic	FDACS
BBML	5/19/1997	23.7	Arsenic	FDACS
BBML	8/14/1997	26	Arsenic	FDACS
BBML	11/18/1997	15(J)	Arsenic	FDACS

Pesticides

Shallow Wells (8-12 ft)

Station ID	Date	LabCode	Value (ug/l)	Parameter
BBML	2/25/1997	U	0.29	Alachlor
BBML	2/25/1997	U	0.049	Ametryn
BBML	2/25/1997	U	0.094	Atrazine
BBML	2/25/1997	U	0.2	Azinphos Methyl
BBML	2/25/1997	U	0.29	Bromacil
BBML	2/25/1997	U	0.098	Butylate
BBML	2/25/1997	U	0.098	Chlorpyrifos
BBML	2/25/1997	U	0.098	Ethyl
BBML	2/25/1997	U	0.098	Chlorpyrifos Methyl
BBML	2/25/1997	U	0.098	Diazinon
BBML	2/25/1997	U	0.049	Ethion
BBML	2/25/1997	U	0.098	Ethoprop
BBML	2/25/1997	U	0.29	Fenamiphos
BBML	2/25/1997	U	0.098	Fonofos
BBML	2/25/1997	U	0.15	Malathion
BBML	2/25/1997	U	0.59	Metalaxyl
BBML	2/25/1997	U	0.49	Metolachlor
BBML	2/25/1997	U	0.2	Metribuzin
BBML	2/25/1997	U	0.25	Mevinphos

Deep Wells (22-28 ft)

Station ID	Date	LabCode	Value (ug/l)	Parameter
BBML	2/25/1997	U	0.28	Alachlor
BBML	2/25/1997	U	0.047	Ametryn
BBML	2/25/1997	U	0.047	Atrazine
BBML	2/25/1997	U	0.19	Azinphos Methyl
BBML	2/25/1997	U	0.28	Bromacil
BBML	2/25/1997	U	0.094	Butylate
BBML	2/25/1997	U	0.094	Chlorpyrifos Ethyl
BBML	2/25/1997	U	0.094	Chlorpyrifos Methyl
BBML	2/25/1997	U	0.094	Diazinon
BBML	2/25/1997	U	0.047	Ethion
BBML	2/25/1997	U	0.094	Ethoprop
BBML	2/25/1997	U	0.28	Fenamiphos
BBML	2/25/1997	U	0.094	Fonofos
BBML	2/25/1997	U	0.14	Malathion
BBML	2/25/1997	U	0.57	Metalaxyl
BBML	2/25/1997	U	0.47	Metolachlor
BBML	2/25/1997	U	0.19	Metribuzin
BBML	2/25/1997	U	0.24	Mevinphos

Pesticides

Shallow Wells (8-12 ft)

Station	Date	LabCode	Value (ug/l)	Parameter
BBML	2/25/1997	U	0.78	Naled
BBML	2/25/1997	U	0.098	Parathion Methyl
BBML	2/25/1997	U	0.098	Parathion Ethyl
BBML	2/25/1997	U	0.098	Phorate
BBML	2/25/1997	U	0.098	Prometryn
BBML	2/25/1997	U	0.049	Simazine
BBML	2/25/1997	U	0.25	Prodiamine
BBF2	2/25/1997	U	0.29	Alachlor
BBF2	2/25/1997	U	0.048	Ametryn
BBF2	2/25/1997	U	0.048	Atrazine
BBF2	2/25/1997	U	0.19	Azinphos Methyl
BBF2	2/25/1997	U	0.29	Bromacil
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 Methyl
BBF2	2/25/1997	U	0.096	Diazinon
BBF2	2/25/1997	U	0.048	Ethion
BBF2	2/25/1997	U	0.096	Ethoprop
BBF2	2/25/1997	U	0.29	Fenamiphos
BBF2	2/25/1997	U	0.096	Fonofos
BBF2	2/25/1997	U	0.14	Malathion
BBF2	2/25/1997	U	0.58	Metalaxyl
BBF2	2/25/1997	U	0.48	Metolachlor
BBF2	2/25/1997	U	0.19	Metribuzin
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

Deep Wells (22-28 ft)

Station	Date	LabCode	Value (ug/l)	Parameter
BBML	2/25/1997	U	0.75	Naled
BBML	2/25/1997	U	0.094	Parathion Methyl
BBML	2/25/1997	U	0.094	Parathion Ethyl
BBML	2/25/1997	U	0.094	Phorate
BBML	2/25/1997	U	0.094	Prometryn
BBML	2/25/1997	U	0.047	Simazine
BBML	2/25/1997	U	0.24	Prodiamine
BBF2	2/25/1997	U	0.29	Alachlor
BBF2	2/25/1997	U	0.048	Ametryn
BBF2	2/25/1997	U	0.048	Atrazine
BBF2	2/25/1997	U	0.19	Azinphos Methyl
BBF2	2/25/1997	U	0.29	Bromacil
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 Methyl
BBF2	2/25/1997	U	0.096	Diazinon
BBF2	2/25/1997	U	0.048	Ethion
BBF2	2/25/1997	U	0.096	Ethoprop
BBF2	2/25/1997	U	0.29	Fenamiphos
BBF2	2/25/1997	U	0.096	Fonofos
BBF2	2/25/1997	U	0.14	Malathion
BBF2	2/25/1997	U	0.58	Metalaxyl
BBF2	2/25/1997	U	0.48	Metolachlor
BBF2	2/25/1997	U	0.19	Metribuzin
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

Pesticides

Shallow Wells (8-12 ft)

Station	Date	LabCode	Value (ug/l)	Parameter
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

Deep Wells (22-28 ft)

Station	Date	LabCode	Value (ug/l)	Parameter
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

Pesticides

Shallow Wells (8-12 ft)

Station ID	Date	LabCode	Value (ug/l)	Parameter
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
BBF2	5/19/1997	U	0.29	Bromacil
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 Methyl
BBF2	5/19/1997	U	0.095	Diazinon
BBF2	5/19/1997	U	0.048	Ethion
BBF2	5/19/1997	U	0.095	Ethoprop
BBF2	5/19/1997	U	0.29	Fenamiphos
BBF2	5/19/1997	U	0.095	Fonofos
BBF2	5/19/1997	U	0.14	Malathion
BBF2	5/19/1997	U	0.57	Metalaxyl
BBF2	5/19/1997	U	0.48	Metolachlor
BBF2	5/19/1997	U	0.19	Metribuzin
BBF2	5/19/1997	U	0.24	Mevinphos
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 Ethyl
BBF2	5/19/1997	U	0.095	Phorate
BBF2	5/19/1997	U	0.095	Prometryn
BBF2	5/19/1997	U	0.048	Simazine
BBF2	5/19/1997	U	0.29	Prodiamine
BBF4	5/19/1997	U	0.29	Alachlor
BBF4	5/19/1997	U	0.049	Ametryn
BBF4	5/19/1997	U	0.049	Atrazine
BBF4	5/19/1997	U	0.2	Azinphos Methyl
BBF4	5/19/1997	U	0.29	Bromacil
BBF4	5/19/1997	U	0.098	Butylate
BBF4	5/19/1997	U	0.098	Chlorpyrifos Ethyl

Deep Wells (22-28 ft)

Station ID	Date	LabCode	Value (ug/l)	Parameter
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
BBF2	5/19/1997	U	0.28	Bromacil
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 Methyl
BBF2	5/19/1997	U	0.095	Diazinon
BBF2	5/19/1997	U	0.047	Ethion
BBF2	5/19/1997	U	0.095	Ethoprop
BBF2	5/19/1997	U	0.28	Fenamiphos
BBF2	5/19/1997	U	0.095	Fonofos
BBF2	5/19/1997	U	0.14	Malathion
BBF2	5/19/1997	U	0.57	Metalaxyl
BBF2	5/19/1997	U	0.47	Metolachlor
BBF2	5/19/1997	U	0.19	Metribuzin
BBF2	5/19/1997	U	0.24	Mevinphos
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 Ethyl
BBF2	5/19/1997	U	0.095	Phorate
BBF2	5/19/1997	U	0.095	Prometryn
BBF2	5/19/1997	U	0.47	Simazine
BBF2	5/19/1997	U	0.28	Prodiamine
BBF4	5/19/1997	U	0.28	Alachlor
BBF4	5/19/1997	U	0.047	Ametryn
BBF4	5/19/1997	U	0.047	Atrazine
BBF4	5/19/1997	U	0.19	Azinphos Methyl
BBF4	5/19/1997	U	0.28	Bromacil
BBF4	5/19/1997	U	0.094	Butylate
BBF4	5/19/1997	U	0.094	Chlorpyrifos Ethyl

Pesticides

Shallow Wells (8-12 ft)

Station	Date	LabCode	Value (ug/l)	Parameter
BBF4	5/19/1997	U	0.098	Chlorpyrifos Methyl
BBF4	5/19/1997	U	0.098	Diazinon
BBF4	5/19/1997	U	0.049	Ethion
BBF4	5/19/1997	U	0.098	Ethoprop
BBF4	5/19/1997	U	0.29	Fenamiphos
BBF4	5/19/1997	U	0.098	Fonofos
BBF4	5/19/1997	U	0.15	Malathion
BBF4	5/19/1997	U	0.59	Metalaxyl
BBF4	5/19/1997	U	0.49	Metolachlor
BBF4	5/19/1997	U	0.2	Metribuzin
BBF4	5/19/1997	U	0.25	Mevinphos
BBF4	5/19/1997	U	0.78	Naled
BBF4	5/19/1997	U	0.098	Parathion Methyl
BBF4	5/19/1997	U	0.098	Parathion Ethyl
BBF4	5/19/1997	U	0.098	Phorate
BBF4	5/19/1997	U	0.098	Prometryn
BBF4	5/19/1997	U	0.049	Simazine
BBF4	5/19/1997	U	0.29	Prodiamine
BBML	5/19/1997	U	0.29	Alachlor
BBML	5/19/1997	U	0.048	Ametryn
BBML	5/19/1997	U	0.048	Atrazine
BBML	5/19/1997	U	0.19	Azinphos Methyl
BBML	5/19/1997	U	0.29	Bromacil
BBML	5/19/1997	U	0.096	Butylate
BBML	5/19/1997	U	0.096	Chlorpyrifos Ethyl
BBML	5/19/1997	U	0.096	Chlorpyrifos Methyl
BBML	5/19/1997	U	0.096	Diazinon
BBML	5/19/1997	U	0.048	Ethion
BBML	5/19/1997	U	0.096	Ethoprop
BBML	5/19/1997	U	0.29	Fenamiphos
BBML	5/19/1997	U	0.096	Fonofos

Deep Wells (22-28 ft)

Station	Date	LabCode	Value (ug/l)	Parameter
BBF4	5/19/1997	U	0.094	Chlorpyrifos Methyl
BBF4	5/19/1997	U	0.094	Diazinon
BBF4	5/19/1997	U	0.047	Ethion
BBF4	5/19/1997	U	0.094	Ethoprop
BBF4	5/19/1997	U	0.28	Fenamiphos
BBF4	5/19/1997	U	0.094	Fonofos
BBF4	5/19/1997	U	0.14	Malathion
BBF4	5/19/1997	U	0.57	Metalaxyl
BBF4	5/19/1997	U	0.47	Metolachlor
BBF4	5/19/1997	U	0.19	Metribuzin
BBF4	5/19/1997	U	0.24	Mevinphos
BBF4	5/19/1997	U	0.75	Naled
BBF4	5/19/1997	U	0.094	Parathion Methyl
BBF4	5/19/1997	U	0.094	Parathion Ethyl
BBF4	5/19/1997	U	0.094	Phorate
BBF4	5/19/1997	U	0.094	Prometryn
BBF4	5/19/1997	U	0.047	Simazine
BBF4	5/19/1997	U	0.28	Prodiamine
BBML	5/19/1997	U	0.29	Alachlor
BBML	5/19/1997	U	0.049	Ametryn
BBML	5/19/1997	T	0.03	Atrazine
BBML	5/19/1997	U	0.2	Azinphos Methyl
BBML	5/19/1997	U	0.29	Bromacil
BBML	5/19/1997	U	0.098	Butylate
BBML	5/19/1997	U	0.098	Chlorpyrifos Ethyl
BBML	5/19/1997	U	0.098	Chlorpyrifos Methyl
BBML	5/19/1997	U	0.098	Diazinon
BBML	5/19/1997	U	0.049	Ethion
BBML	5/19/1997	U	0.098	Ethoprop
BBML	5/19/1997	U	0.29	Fenamiphos
BBML	5/19/1997	U	0.098	Fonofos

Pesticides

Shallow Wells (8-12 ft)

Station	Date	LabCode	Value (ug/l)	Parameter
BBML	5/19/1997	U	0.14	Malathion
BBML	5/19/1997	U	0.57	Metalaxyl
BBML	5/19/1997	U	0.48	Metolachlor
BBML	5/19/1997	U	0.19	Metribuzin
BBML	5/19/1997	U	0.24	Mevinphos
BBML	5/19/1997	U	0.77	Naled
BBML	5/19/1997	U	0.096	Parathion Methyl
BBML	5/19/1997	U	0.096	Parathion Ethyl
BBML	5/19/1997	U	0.096	Phorate
BBML	5/19/1997	U	0.096	Prometryn
BBML	5/19/1997	U	0.048	Simazine
BBML	5/19/1997	U	0.29	Prodiamine
BBF2	8/14/1997	U	0.048	Ametryn
BBF2	8/14/1997	U	0.048	Atrazine
BBF2	8/14/1997	U	0.19	Azinphos Methyl
BBF2	8/14/1997	U	0.29	Bromacil
BBF2	8/14/1997	U	0.096	Butylate
BBF2	8/14/1997	U	0.096	Chlorpyrifos Ethyl
BBF2	8/14/1997	U	0.096	Chlorpyrifos Methyl
BBF2	8/14/1997	U	0.096	Diazinon
BBF2	8/14/1997	U	0.048	Ethion
BBF2	8/14/1997	U	0.096	Ethoprop
BBF2	8/14/1997	U	0.29	Fenamiphos
BBF2	8/14/1997	U	0.096	Fonofos
BBF2	8/14/1997	U	0.14	Malathion
BBF2	8/14/1997	U	0.58	Metalaxyl
BBF2	8/14/1997	U	0.48	Metolachlor
BBF2	8/14/1997	U	0.19	Metribuzin
BBF2	8/14/1997	U	0.24	Mevinphos
BBF2	8/14/1997	U	0.77	Naled
BBF2	8/14/1997	U	0.096	Parathion Methyl

Deep Wells (22-28 ft)

Station	Date	LabCode	Value (ug/l)	Parameter
BBML	5/19/1997	U	0.15	Malathion
BBML	5/19/1997	U	0.59	Metalaxyl
BBML	5/19/1997	U	0.49	Metolachlor
BBML	5/19/1997	U	0.2	Metribuzin
BBML	5/19/1997	U	0.24	Mevinphos
BBML	5/19/1997	U	0.78	Naled
BBML	5/19/1997	U	0.098	Parathion Methyl
BBML	5/19/1997	U	0.098	Parathion Ethyl
BBML	5/19/1997	U	0.098	Phorate
BBML	5/19/1997	U	0.098	Prometryn
BBML	5/19/1997	U	0.049	Simazine
BBML	5/19/1997	U	0.29	Prodiamine
BBF2	8/14/1997	U	0.29	Alachlor
BBF2	8/14/1997	U	0.048	Ametryn
BBF2	8/14/1997	U	0.048	Atrazine
BBF2	8/14/1997	U	0.19	Azinphos Methyl
BBF2	8/14/1997	U	0.29	Bromacil
BBF2	8/14/1997	U	0.096	Butylate
BBF2	8/14/1997	U	0.096	Chlorpyrifos Ethyl
BBF2	8/14/1997	U	0.096	Chlorpyrifos Methyl
BBF2	8/14/1997	U	0.096	Diazinon
BBF2	8/14/1997	U	0.096	Ethion
BBF2	8/14/1997	U	0.048	Ethoprop
BBF2	8/14/1997	U	0.096	Fenamiphos
BBF2	8/14/1997	U	0.29	Fonofos
BBF2	8/14/1997	U	0.14	Malathion
BBF2	8/14/1997	U	0.58	Metalaxyl
BBF2	8/14/1997	U	0.48	Metolachlor
BBF2	8/14/1997	U	0.19	Metribuzin
BBF2	8/14/1997	U	0.24	Mevinphos
BBF2	8/14/1997	U	0.77	Naled

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Shallow Wells (8-12 ft)

Station ID	Date	LabCode	Value (ug/l)	Parameter
BBF2	8/14/1997	U	0.096	Parathion Ethyl
BBF2	8/14/1997	U	0.096	Phorate
BBF2	8/14/1997	U	0.29	Prodiamine
BBF2	8/14/1997	U	0.096	Prometryn
BBF2	8/14/1997	U	0.48	Simazine
BBF4	8/14/1997	U	0.29	Alachlor
BBF4	8/14/1997	U	0.048	Ametryn
BBF4	8/14/1997	U	0.048	Atrazine
BBF4	8/14/1997	U	0.19	Azinphos Methyl
BBF4	8/14/1997	U	0.29	Bromacil
BBF4	8/14/1997	U	0.095	Butylate
BBF4	8/14/1997	U	0.095	Chlorpyrifos Ethyl
BBF4	8/14/1997	U	0.095	Chlorpyrifos Methyl
BBF4	8/14/1997	U	0.095	Diazinon
BBF4	8/14/1997	U	0.048	Ethion
BBF4	8/14/1997	U	0.095	Ethoprop
BBF4	8/14/1997	U	0.29	Fenamiphos
BBF4	8/14/1997	U	0.095	Fonofos
BBF4	8/14/1997	U	0.14	Malathion
BBF4	8/14/1997	U	0.57	Metalaxyl
BBF4	8/14/1997	U	0.48	Metolachlor
BBF4	8/14/1997	U	0.19	Metribuzin
BBF4	8/14/1997	U	0.24	Mevinphos
BBF4	8/14/1997	U	0.76	Naled
BBF4	8/14/1997	U	0.095	Parathion Methyl
BBF4	8/14/1997	U	0.095	Parathion Ethyl
BBF4	8/14/1997	U	0.095	Phorate
BBF4	8/14/1997	U	0.29	Prodiamine
BBF4	8/14/1997	U	0.095	Prometryn
BBF4	8/14/1997	U	0.048	Simazine

Deep Wells (22-28 ft)

Station ID	Date	LabCode	Value (ug/l)	Parameter
BBF2	8/14/1997	U	0.096	Parathion Methyl
BBF2	8/14/1997	U	0.096	Parathion Ethyl
BBF2	8/14/1997	U	0.096	Phorate
BBF2	8/14/1997	U	0.29	Prodiamine
BBF2	8/14/1997	U	0.096	Prometryn
BBF2	8/14/1997	U	0.48	Simazine
BBF4	8/14/1997	U	0.29	Alachlor
BBF4	8/14/1997	U	0.049	Ametryn
BBF4	8/14/1997	U	0.049	Atrazine
BBF4	8/14/1997	U	0.2	Azinphos Methyl
BBF4	8/14/1997	U	0.29	Bromacil
BBF4	8/14/1997	U	0.098	Butylate
BBF4	8/14/1997	U	0.098	Chlorpyrifos Ethyl
BBF4	8/14/1997	U	0.098	Chlorpyrifos Methyl
BBF4	8/14/1997	U	0.098	Diazinon
BBF4	8/14/1997	U	0.049	Ethion
BBF4	8/14/1997	U	0.098	Ethoprop
BBF4	8/14/1997	U	0.29	Fenamiphos
BBF4	8/14/1997	U	0.098	Fonofos
BBF4	8/14/1997	U	0.15	Malathion
BBF4	8/14/1997	U	0.59	Metalaxyl
BBF4	8/14/1997	U	0.49	Metolachlor
BBF4	8/14/1997	U	0.2	Metribuzin
BBF4	8/14/1997	U	0.25	Mevinphos
BBF4	8/14/1997	U	0.78	Naled
BBF4	8/14/1997	U	0.098	Parathion Methyl
BBF4	8/14/1997	U	0.098	Parathion Ethyl
BBF4	8/14/1997	U	0.098	Phorate
BBF4	8/14/1997	U	0.29	Prodiamine
BBF4	8/14/1997	U	0.098	Prometryn

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Shallow Wells (8-12 ft)

Station	Date	LabCode	Value (ug/l)	Parameter
BBML	8/14/1997	U	0.29	Alachlor
BBML	8/14/1997	U	0.049	Ametryn
BBML	8/14/1997	U	0.049	Atrazine
BBML	8/14/1997	U	0.2	Azinphos Methyl
BBML	8/14/1997	U	0.29	Bromacil
BBML	8/14/1997	U	0.098	Butylate
BBML	8/14/1997	U	0.098	Chlorpyrifos Ethyl
BBML	8/14/1997	U	0.098	Chlorpyrifos Methyl
BBML	8/14/1997	U	0.098	Diazinon
BBML	8/14/1997	U	0.049	Ethion
BBML	8/14/1997	U	0.098	Ethoprop
BBML	8/14/1997	U	0.29	Fenamiphos
BBML	8/14/1997	U	0.098	Fonofos
BBML	8/14/1997	U	0.15	Malathion
BBML	8/14/1997	U	0.59	Metalaxyl
BBML	8/14/1997	U	0.49	Metolachlor
BBML	8/14/1997	U	0.2	Metribuzin
BBML	8/14/1997	U	0.25	Mevinphos
BBML	8/14/1997	U	0.78	Naled
BBML	8/14/1997	U	0.098	Parathion Methyl
BBML	8/14/1997	U	0.098	Parathion Ethyl
BBML	8/14/1997	U	0.098	Phorate
BBML	8/14/1997	U	0.29	Prodiamine
BBML	8/14/1997	U	0.098	Prometryn
BBML	8/14/1997	U	0.049	Simazine
BBF4	11/18/1997	U	0.0096	Aldrin
BBF4	11/18/1997	U	0.0096	Alpha-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	Gamma-BHC
BBF4	11/18/1997	U	0.096	Chlordane

Deep Wells (22-28 ft)

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

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Shallow Wells (8-12 ft)

Station	Date	LabCode	Value (ug/l)	Parameter
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	DDE-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	0.0096	Endosulfan I
BBF4	11/18/1997	U	0.0096	Endosulfan II
BBF4	11/18/1997	U	0.019	Endosulfan Sulfate
BBF4	11/18/1997	U	0.048	Pendimethalin
BBF4	11/18/1997	U	0.019	Trifluralin/Benfluralin
BBF4	11/18/1997	U		Oxadiazon
BBF4	11/18/1997	U	0.29	Alachlor
BBF4	11/18/1997	U	0.048	Ametryn
BBF4	11/18/1997	U	0.048	Atrazine
BBF4	11/18/1997	U	0.19	Azinphos Methyl
BBF4	11/18/1997	U	0.29	Bromacil
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 Methyl
BBF4	11/18/1997	U	0.096	Diazinon
BBF4	11/18/1997	U	0.048	Ethion
BBF4	11/18/1997	U	0.096	Ethoprop
BBF4	11/18/1997	U	0.29	Fenamiphos
BBF4	11/18/1997	U	0.096	Fonofos
BBF4	11/18/1997	U	0.14	Malathion
BBF4	11/18/1997	U	0.58	Metalaxyl
BBF4	11/18/1997	U	0.48	Metolachlor
BBF4	11/18/1997	U	0.19	Metribuzin
BBF4	11/18/1997	U	0.24	Mevinphos
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 Ethyl

Deep Wells (22-28 ft)

Station	Date	LabCode	Value (ug/l)	Parameter
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	DDE-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	0.0096	Endosulfan I
BBF4	11/18/1997	U	0.0096	Endosulfan II
BBF4	11/18/1997	U	0.019	Endosulfan Sulfate
BBF4	11/18/1997	U	0.048	Pendimethalin
BBF4	11/18/1997	U	0.019	Trifluralin/Benfluralin
BBF4	11/18/1997	U		Oxadiazon
BBF4	11/18/1997	U	0.29	Alachlor
BBF4	11/18/1997	U	0.048	Ametryn
BBF4	11/18/1997	U	0.048	Atrazine
BBF4	11/18/1997	U	0.19	Azinphos Methyl
BBF4	11/18/1997	U	0.29	Bromacil
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 Methyl
BBF4	11/18/1997	U	0.096	Diazinon
BBF4	11/18/1997	U	0.048	Ethion
BBF4	11/18/1997	U	0.096	Ethoprop
BBF4	11/18/1997	U	0.29	Fenamiphos
BBF4	11/18/1997	U	0.096	Fonofos
BBF4	11/18/1997	U	0.14	Malathion
BBF4	11/18/1997	U	0.58	Metalaxyl
BBF4	11/18/1997	U	0.48	Metolachlor
BBF4	11/18/1997	U	0.19	Metribuzin
BBF4	11/18/1997	U	0.24	Mevinphos
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 Ethyl

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Shallow Wells (8-12 ft)

Station ID	Date	LabCode	Value (ug/l)	Parameter
BBF4	11/18/1997	U	0.096	Phorate
BBF4	11/18/1997	U	0.096	Prometryn
BBF4	11/18/1997	U	0.048	Simazine
BBF4	11/18/1997	U	0.29	Prodiamine
BBF2	11/18/1997	U	0.0094	Aldrin
BBF2	11/18/1997	U	0.0094	Alpha-BHC
BBF2	11/18/1997	U	0.019	Beta-BHC
BBF2	11/18/1997	U	0.0094	Delta-BHC
BBF2	11/18/1997	U	0.0094	Gamma-BHC
BBF2	11/18/1997	U	0.094	Chlordane
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	DDE-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	0.0094	Endosulfan I
BBF2	11/18/1997	U	0.0094	Endosulfan II
BBF2	11/18/1997	U	0.019	Endosulfan Sulfate
BBF2	11/18/1997	U	0.047	Pendimethalin
BBF2	11/18/1997	U	0.019	Trifluralin/Benfluralin
BBF2	11/18/1997	U		Oxadiazon
BBF2	11/18/1997	U	0.28	Alachlor
BBF2	11/18/1997	U	0.047	Ametryn
BBF2	11/18/1997	U	0.047	Atrazine
BBF2	11/18/1997	U	0.19	Azinphos Methyl
BBF2	11/18/1997	U	0.28	Bromacil
BBF2	11/18/1997	U	0.094	Butylate
BBF2	11/18/1997	U	0.094	Chlorpyrifos Ethyl
BBF2	11/18/1997	U	0.094	Chlorpyrifos Methyl
BBF2	11/18/1997	U	0.094	Diazinon
BBF2	11/18/1997	U	0.047	Ethion
BBF2	11/18/1997	U	0.094	Ethoprop

Deep Wells (22-28 ft)

Station ID	Date	LabCode	Value (ug/l)	Parameter
BBF4	11/18/1997	U	0.096	Phorate
BBF4	11/18/1997	U	0.096	Prometryn
BBF4	11/18/1997	U	0.048	Simazine
BBF4	11/18/1997	U	0.29	Prodiamine
BBF2	11/18/1997	U	0.0096	Aldrin
BBF2	11/18/1997	U	0.0096	Alpha-BHC
BBF2	11/18/1997	U	0.019	Beta-BHC
BBF2	11/18/1997	U	0.0096	Delta-BHC
BBF2	11/18/1997	U	0.0096	Gamma-BHC
BBF2	11/18/1997	U	0.096	Chlordane
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	DDE-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	0.0096	Endosulfan I
BBF2	11/18/1997	U	0.0096	Endosulfan II
BBF2	11/18/1997	U	0.019	Endosulfan Sulfate
BBF2	11/18/1997	U	0.048	Pendimethalin
BBF2	11/18/1997	U	0.019	Trifluralin/Benfluralin
BBF2	11/18/1997	U		Oxadiazon
BBF2	11/18/1997	U	0.29	Alachlor
BBF2	11/18/1997	U	0.048	Ametryn
BBF2	11/18/1997	U	0.048	Atrazine
BBF2	11/18/1997	U	0.19	Azinphos Methyl
BBF2	11/18/1997	U	0.29	Bromacil
BBF2	11/18/1997	U	0.096	Butylate
BBF2	11/18/1997	U	0.096	Chlorpyrifos Ethyl
BBF2	11/18/1997	U	0.096	Chlorpyrifos Methyl
BBF2	11/18/1997	U	0.096	Diazinon
BBF2	11/18/1997	U	0.048	Ethion
BBF2	11/18/1997	U	0.096	Ethoprop

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Shallow Wells (8-12 ft)

Station	Date	LabCode	Value (ug/l)	Parameter
BBF2	11/18/1997	U	0.28	Fenamiphos
BBF2	11/18/1997	U	0.094	Fonofos
BBF2	11/18/1997	U	0.14	Malathion
BBF2	11/18/1997	U	0.57	Metalaxyl
BBF2	11/18/1997	U	0.47	Metolachlor
BBF2	11/18/1997	U	0.19	Metribuzin
BBF2	11/18/1997	U	0.24	Mevinphos
BBF2	11/18/1997	U	0.75	Naled
BBF2	11/18/1997	U	0.094	Parathion Methyl
BBF2	11/18/1997	U	0.094	Parathion Ethyl
BBF2	11/18/1997	U	0.094	Phorate
BBF2	11/18/1997	U	0.094	Prometryn
BBF2	11/18/1997	U	0.047	Simazine
BBF2	11/18/1997	U	0.29	Prodiamine
BBML	11/18/1997	U	0.0095	Aldrin
BBML	11/18/1997	U	0.0095	Alpha-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	Gamma-BHC
BBML	11/18/1997	U	0.095	Chlordane
BBML	11/18/1997	U	0.25	Chlorothalonil
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	DDT-p,p'
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 II
BBML	11/18/1997	U	0.019	Endosulfan Sulfate
BBML	11/18/1997	U	0.048	Pendimethalin
BBML	11/18/1997	U	0.019	Trifluralin/Benfluralin
BBML	11/18/1997	U		Oxadiazon

Deep Wells (22-28 ft)

Station	Date	LabCode	Value (ug/l)	Parameter
BBF2	11/18/1997	U	0.29	Fenamiphos
BBF2	11/18/1997	U	0.096	Fonofos
BBF2	11/18/1997	U	0.14	Malathion
BBF2	11/18/1997	U	0.58	Metalaxyl
BBF2	11/18/1997	U	0.48	Metolachlor
BBF2	11/18/1997	U	0.19	Metribuzin
BBF2	11/18/1997	U	0.24	Mevinphos
BBF2	11/18/1997	U	0.77	Naled
BBF2	11/18/1997	U	0.096	Parathion Methyl
BBF2	11/18/1997	U	0.096	Parathion Ethyl
BBF2	11/18/1997	U	0.096	Phorate
BBF2	11/18/1997	U	0.096	Prometryn
BBF2	11/18/1997	U	0.048	Simazine
BBF2	11/18/1997	U	0.29	Prodiamine
BBML	11/18/1997	U	0.0095	Aldrin
BBML	11/18/1997	U	0.0095	Alpha-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	Gamma-BHC
BBML	11/18/1997	U	0.095	Chlordane
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	DDE-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	0.0095	Endosulfan I
BBML	11/18/1997	U	0.0095	Endosulfan II
BBML	11/18/1997	U	0.019	Endosulfan Sulfate
BBML	11/18/1997	U	0.048	Pendimethalin
BBML	11/18/1997	U	0.019	Trifluralin/Benfluralin
BBML	11/18/1997	U		Oxadiazon

Pesticides

Shallow Wells (8-12 ft)

Station ID	Date	LabCode	Value (ug/l)	Parameter
BBML	11/18/1997	U	0.29	Alachlor
BBML	11/18/1997	U	0.048	Ametryn
BBML	11/18/1997	U	0.048	Atrazine
BBML	11/18/1997	U	0.19	Azinphos Methyl
BBML	11/18/1997	U	0.29	Bromacil
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 Methyl
BBML	11/18/1997	U	0.095	Diazinon
BBML	11/18/1997	U	0.048	Ethion
BBML	11/18/1997	U	0.095	Ethoprop
BBML	11/18/1997	U	0.29	Fenamiphos
BBML	11/18/1997	U	0.095	Fonofos
BBML	11/18/1997	U	0.14	Malathion
BBML	11/18/1997	U	0.57	Metalaxyl
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

Deep Wells (22-28 ft)

Station ID	Date	LabCode	Value (ug/l)	Parameter
BBML	11/18/1997	U	0.29	Alachlor
BBML	11/18/1997	U	0.048	Ametryn
BBML	11/18/1997	U	0.048	Atrazine
BBML	11/18/1997	U	0.19	Azinphos Methyl
BBML	11/18/1997	U	0.29	Bromacil
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 Methyl
BBML	11/18/1997	U	0.095	Diazinon
BBML	11/18/1997	U	0.048	Ethion
BBML	11/18/1997	U	0.095	Ethoprop
BBML	11/18/1997	U	0.29	Fenamiphos
BBML	11/18/1997	U	0.095	Fonofos
BBML	11/18/1997	U	0.14	Malathion
BBML	11/18/1997	U	0.57	Metalaxyl
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

Key Biscayne Golf Course

Key Biscayne Golf Course

Field Data

Shallow Wells (8-12 ft)

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
			Dissolved	
KBF14	2/26/1997	0.16	Oxygen	Hydrolab
			Dissolved	
KBML	2/26/1997	0.62	Oxygen	Hydrolab
			Dissolved	
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
			Dissolved	
KBF14	5/12/1997	0.18	Oxygen	Hydrolab
			Dissolved	
KBT18	5/12/1997	0.16	Oxygen	Hydrolab
KBML	5/13/1997	0.24	DO	Hydrolab

Deep Wells (22-28 ft)

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
			Dissolved	
KBF14	2/26/1997	0.26	Oxygen	Hydrolab
			Dissolved	
KBML	2/26/1997	0.42	Oxygen	Hydrolab
			Dissolved	
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
			Dissolved	
KBF14	5/12/1997	0.17	Oxygen	Hydrolab
			Dissolved	
KBT18	5/12/1997	0.15	Oxygen	Hydrolab
KBML	5/13/1997	0.22	DO	Hydrolab

Key Biscayne Golf Course

Field Data

Shallow Wells (8-12 ft)

StationID	Date	Value	ParamID	Lab
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
KBT18	5/12/1997	-30	Redox	Hydrolab
KBML	5/13/1997	113	Redox	Hydrolab
KBF14	5/12/1997	0.4	Salinity	Hydrolab
KBT18	5/12/1997	0.9	Salinity	Hydrolab
KBML	5/13/1997	0.9	Salinity	Hydrolab
KBF14	5/12/1997	27.1	Temp	Hydrolab
KBT18	5/12/1997	27.37	Temp	Hydrolab
KBML	5/13/1997	27.27	Temp	Hydrolab
KBF14	8/18/1997	993	Conductivity	Hydrolab
KBML	8/18/1997	1010	Conductivity	Hydrolab
KBT18	8/18/1997	878	Conductivity	Hydrolab
KBF14	8/18/1997	0.23	Oxygen Dissolved	Hydrolab
KBML	8/18/1997	0.2	Oxygen Dissolved	Hydrolab
KBT18	8/18/1997	0.22	Oxygen	Hydrolab
KBF14	8/18/1997	7.12	pH	Hydrolab
KBML	8/18/1997	6.75	pH	Hydrolab
KBT18	8/18/1997	6.86	pH	Hydrolab
KBF14	8/18/1997	-117	Redox	Hydrolab
KBML	8/18/1997	-251	Redox	Hydrolab
KBT18	8/18/1997	-161	Redox	Hydrolab
KBF14	8/18/1997	0.5	Salinity	Hydrolab
KBML	8/18/1997	0.5	Salinity	Hydrolab
KBT18	8/18/1997	0.5	Salinity	Hydrolab
KBF14	8/18/1997	29.61	Temperature	Hydrolab
KBML	8/18/1997	29.54	Temperature	Hydrolab

Deep Wells (22-28 ft)

StationID	Date	Value	ParamID	Lab
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
KBT18	5/12/1997	-148	Redox	Hydrolab
KBML	5/13/1997	-77	Redox	Hydrolab
KBF14	5/12/1997	0.8	Salinity	Hydrolab
KBT18	5/12/1997	na	Salinity	Hydrolab
KBML	5/13/1997	1.3	Salinity	Hydrolab
KBF14	5/12/1997	27.02	Temp	Hydrolab
KBT18	5/12/1997	26.46	Temp	Hydrolab
KBML	5/13/1997	27.13	Temp	Hydrolab
KBF14	8/18/1997	1233	Conductivity	Hydrolab
KBML	8/18/1997	2143	Conductivity	Hydrolab
KBT18	8/18/1997	10820	Conductivity	Hydrolab
KBF14	8/18/1997	0.17	Oxygen Dissolved	Hydrolab
KBML	8/18/1997	0.27	Oxygen Dissolved	Hydrolab
KBT18	8/18/1997	0.17	Oxygen	Hydrolab
KBF14	8/18/1997	7.01	pH	Hydrolab
KBML	8/18/1997	6.8	pH	Hydrolab
KBT18	8/18/1997	7	pH	Hydrolab
KBF14	8/18/1997	-293	Redox	Hydrolab
KBML	8/18/1997	-257	Redox	Hydrolab
KBT18	8/18/1997	-277	Redox	Hydrolab
KBF14	8/18/1997	0.7	Salinity	Hydrolab
KBML	8/18/1997	1.1	Salinity	Hydrolab
KBT18	8/18/1997	6.1	Salinity	Hydrolab
KBF14	8/18/1997	28.71	Temperature	Hydrolab
KBML	8/18/1997	27.94	Temperature	Hydrolab

Key Biscayne Golf Course

Field Data

Shallow Wells (8-12 ft)

StationID	Date	Value	ParamID	Lab
KBT18	8/18/1997	30.18	Temperature	Hydrolab
KBF14	11/17/1997	808	Conductivity	Hydrolab
KBML	11/17/1997	1047	Conductivity	Hydrolab
KBT18	11/17/1997	955	Conductivity	Hydrolab
			Dissolved	
KBF14	11/17/1997	0.25	Oxygen	Hydrolab
			Dissolved	
KBML	11/17/1997	0.52	Oxygen	Hydrolab
			Dissolved	
KBT18	11/17/1997	0.59	Oxygen	Hydrolab
KBF14	11/17/1997	6.88	pH	Hydrolab
KBML	11/17/1997	6.68	pH	Hydrolab
KBT18	11/17/1997	6.78	pH	Hydrolab
KBF14	11/17/1997	-39	Redox	Hydrolab
KBML	11/17/1997	56	Redox	Hydrolab
KBT18	11/17/1997	-33	Redox	Hydrolab
KBF14	11/17/1997	0.4	Salinity	Hydrolab
KBML	11/17/1997	0.6	Salinity	Hydrolab
KBT18	11/17/1997	0.5	Salinity	Hydrolab
KBF14	11/17/1997	26.24	Temperature	Hydrolab
KBML	11/17/1997	25.35	Temperature	Hydrolab
KBT18	11/17/1997	26.34	Temperature	Hydrolab

Nutrients

StationID	Date	Value	ParamID	Lab
KBF14	2/27/1997	8.28	NOX-N	DERM
KBML	2/27/1997	4.95	NOX-N	DERM
KBT18	2/27/1997	0.05	NOX-N	DERM
KBT18	5/12/1997	1.6	NOX-N	PBS&J
KBF14	5/12/1997	0.02(I)	NOX-N	PBS&J
KBML	5/13/1997	49.5	NOX-N	PBS&J
KBT18	8/18/1997	ls	NOX-N	PBS&J

Deep Wells (22-28 ft)

StationID	Date	Value	ParamID	Lab
KBT18	8/18/1997	28.14	Temperature	Hydrolab
KBF14	11/17/1997	1275	Conductivity	Hydrolab
KBML	11/17/1997	2241	Conductivity	Hydrolab
KBT18	11/17/1997	4950*	Conductivity	Hydrolab
			Dissolved	
KBF14	11/17/1997	0.22	Oxygen	Hydrolab
			Dissolved	
KBML	11/17/1997	0.18	Oxygen	Hydrolab
			Dissolved	
KBT18	11/17/1997	0.18	Oxygen	Hydrolab
KBF14	11/17/1997	6.86	pH	Hydrolab
KBML	11/17/1997	6.52	pH	Hydrolab
KBT18	11/17/1997	6.99	pH	Hydrolab
KBF14	11/17/1997	-105	Redox	Hydrolab
KBML	11/17/1997	-78	Redox	Hydrolab
KBT18	11/17/1997	-92	Redox	Hydrolab
KBF14	11/17/1997	0.7	Salinity	Hydrolab
KBML	11/17/1997	1.2	Salinity	Hydrolab
KBT18	11/17/1997	2.07*	Salinity	Hydrolab
KBF14	11/17/1997	25.77	Temperature	Hydrolab
KBML	11/17/1997	26.84	Temperature	Hydrolab
KBT18	11/17/1997	26.55	Temperature	Hydrolab

Nutrients

Shallow Wells (8-12 ft)

StationID	Date	Value	ParamID	Lab
KBF14	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
KBF14	11/17/1997	0.01(I)	NOX-N	PBS&J
KBT18	11/17/1997	1.81	NOX-N	PBS&J
KBF14	2/27/1997	0.102	TPO4	DERM
KBML	2/27/1997	0.228	TPO4	DERM
KBT18	2/27/1997	0.203	TPO4	DERM
KBF14	5/12/1997	0.02(I)	TPO4	PBS&J
KBT18	5/12/1997	0.04(I)	TPO4	PBS&J
KBML	5/13/1997	0.06(I)	TPO4	PBS&J
KBF14	8/18/1997	ls	TPO4	PBS&J
KBT18	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
KBML	11/17/1997	0.07(I)	TPO4	PBS&J
KBT18	11/17/1997	0.02(I)	TPO4	PBS&J

Arsenic

Shallow Wells (8-12 ft)

StationID	Date	Value	ParamID	Lab
KBF14	2/26/1997	30	Arsenic	FDEP
KBF14	5/12/1997	28.9(A)	Arsenic	FDEP
KBF14	8/18/1997	22	Arsenic	FDEP
KBF14	11/17/1997	13.5	Arsenic	FDEP
KBML	2/26/1997	32(J)	Arsenic	FDEP
KBML	5/13/1997	20.1	Arsenic	FDEP
KBML	8/18/1997	392	Arsenic	FDEP
KBML	11/17/1997	22.3	Arsenic	FDEP
KBT18	2/26/1997	44(J)	Arsenic	FDEP
KBT18	5/13/1997	80.5	Arsenic	FDEP
KBT18	8/18/1997	92	Arsenic	FDEP
KBT18	11/17/1997	112	Arsenic	FDEP

Deep Wells (22-28 ft)

StationID	Date	Value	ParamID	Lab
KBF14	8/18/1997	ls	NOX-N	PBS&J
KBML	8/18/1997	ls	NOX-N	PBS&J
KBML	11/17/1997	0.05	NOX-N	PBS&J
KBF14	11/17/1997	0.01(U)	NOX-N	PBS&J
KBT18	11/17/1997	0.01(U)	NOX-N	PBS&J
KBF14	2/27/1997	0.023	TPO4	DERM
KBML	2/27/1997	0.06	TPO4	DERM
KBT18	2/27/1997	0.069	TPO4	DERM
KBF14	5/12/1997	0.06(I)	TPO4	PBS&J
KBT18	5/12/1997	0.05	TPO4	PBS&J
KBML	5/13/1997	0.07(I)	TPO4	PBS&J
KBF14	8/18/1997	ls	TPO4	PBS&J
KBT18	8/18/1997	ls	TPO4	PBS&J
KBML	8/18/1997	ls	TPO4	PBS&J
KBF14	11/17/1997	0.02(U)	TPO4	PBS&J
KBML	11/17/1997	0.06(I)	TPO4	PBS&J
KBT18	11/17/1997	0.05(I)	TPO4	PBS&J

Deep Wells (22-28 ft)

StationID	Date	Value	ParamID	Lab
KBF14	2/26/1997	2(U)	Arsenic	FDEP
KBF14	5/12/1997	2(U)	Arsenic	FDEP
KBF14	8/18/1997	2(U)	Arsenic	FDEP
KBF14	11/17/1997	2(U)	Arsenic	FDEP
KBML	2/26/1997	2(U)	Arsenic	FDEP
KBML	5/13/1997	2(I)	Arsenic	FDEP
KBML	8/18/1997	2(U)	Arsenic	FDEP
KBML	11/17/1997	2(U)	Arsenic	FDEP
KBT18	2/26/1997	3(I)	Arsenic	FDEP
KBT18	5/12/1997	11.3	Arsenic	FDEP
KBT18	8/18/1997	10(U)	Arsenic	FDEP
KBT18	11/17/1997	10.7	Arsenic	FDEP

Key Biscayne Golf Course

Pesticides

Shallow Wells (8-12 ft)

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

Deep Wells (22-28 ft)

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

Key Biscayne Golf Course

Pesticides

Shallow Wells (8-12 ft)

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

Deep Wells (22-28 ft)

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

Key Biscayne Golf Course

Pesticides

Shallow Wells (8-12 ft)

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

Deep Wells (22-28 ft)

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

Key Biscayne Golf Course

Pesticides

Shallow Wells (8-12 ft)

Station	ID	Date	LabCode	Value (ug/l)	Parameter
	KBF14	5/12/1997	U	0.094	Fonofos
	KBF14	5/12/1997	U	0.14	Malathion
	KBF14	5/12/1997	U	0.57	Metalaxyl
	KBF14	5/12/1997	U	0.47	Metolachlor
	KBF14	5/12/1997	U	0.19	Metribuzin
	KBF14	5/12/1997	U	0.24	Mevinphos
	KBF14	5/12/1997	U	0.75	Naled
					Parathion
	KBF14	5/12/1997	U	0.094	Methyl
	KBF14	5/12/1997	U	0.094	Parathion Ethyl
	KBF14	5/12/1997	U	0.094	Phorate
	KBF14	5/12/1997	U	0.094	Prometryn
	KBF14	5/12/1997	U	0.047	Simazine
	KBF14	5/12/1997	U	0.28	Prodiamine
	KBML	5/13/1997	U	0.29	Alachlor
	KBML	5/13/1997	U	0.049	Ametryn
	KBML	5/13/1997	U	0.049	Atrazine
					Azinphos
	KBML	5/13/1997	U	0.19	Methyl
	KBML	5/13/1997	U	0.29	Bromacil
	KBML	5/13/1997	U	0.097	Butylate
					Chlorpyrifos
	KBML	5/13/1997	U	0.097	Ethyl
	KBML	5/13/1997	U	0.097	Chlorpyrifos Methyl
	KBML	5/13/1997	U	0.097	Diazinon
	KBML	5/13/1997	U	0.049	Ethion
	KBML	5/13/1997	U	0.097	Ethoprop
	KBML	5/13/1997	U	0.29	Fenamiphos
	KBML	5/13/1997	U	0.097	Fonofos
	KBML	5/13/1997	U	0.15	Malathion
	KBML	5/13/1997	U	0.58	Metalaxyl

Deep Wells (22-28 ft)

Station	ID	Date	LabCode	Value (ug/l)	Parameter
	KBF14	5/12/1997	U	0.095	Fonofos
	KBF14	5/12/1997	U	0.14	Malathion
	KBF14	5/12/1997	U	0.57	Metalaxyl
	KBF14	5/12/1997	U	0.48	Metolachlor
	KBF14	5/12/1997	U	0.19	Metribuzin
	KBF14	5/12/1997	U	0.24	Mevinphos
	KBF14	5/12/1997	U	0.76	Naled
					Parathion Methyl
	KBF14	5/12/1997	U	0.095	Parathion
	KBF14	5/12/1997	U	0.095	Phorate
	KBF14	5/12/1997	U	0.095	Prometryn
	KBF14	5/12/1997	U	0.048	Simazine
	KBF14	5/12/1997	U	0.29	Prodiamine
	KBML	5/13/1997	U	0.29	Alachlor
	KBML	5/13/1997	U	0.048	Ametryn
	KBML	5/13/1997	U	0.048	Atrazine
					Azinphos Methyl
	KBML	5/13/1997	U	0.19	Bromacil
	KBML	5/13/1997	U	0.29	Butylate
					Chlorpyrifos Ethyl
	KBML	5/13/1997	U	0.096	Chlorpyrifos Methyl
	KBML	5/13/1997	U	0.096	Diazinon
	KBML	5/13/1997	U	0.048	Ethion
	KBML	5/13/1997	U	0.096	Ethoprop
	KBML	5/13/1997	U	0.29	Fenamiphos
	KBML	5/13/1997	U	0.096	Fonofos
	KBML	5/13/1997	U	0.14	Malathion
	KBML	5/13/1997	U	0.58	Metalaxyl

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Pesticides

Shallow Wells (8-12 ft)

Station

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

Deep Wells (22-28 ft)

Station

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

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Pesticides

Shallow Wells (8-12 ft)

Station

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

Deep Wells (22-28 ft)

Station

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

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Pesticides

Shallow Wells (8-12 ft)

Station

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

Deep Wells (22-28 ft)

Station

ID	Date	LabCode	Value (ug/l)	Parameter
KBT18	8/18/1997	U	0.094	Parathion Ethyl
KBT18	8/18/1997	U	0.094	Phorate
KBT18	8/18/1997	U	0.094	Prometryn
KBT18	8/18/1997	U	0.047	Simazine
KBT18	8/18/1997	U	0.28	Prodiamine
KBF14	8/18/1997	U	0.29	Alachlor
KBF14	8/18/1997	U	0.049	Ametryn
KBF14	8/18/1997	U	0.049	Atrazine
				Azinphos
KBF14	8/18/1997	U	0.2	Methyl
KBF14	8/18/1997	U	0.29	Bromacil
KBF14	8/18/1997	U	0.098	Butylate
				Chlorpyrifos
KBF14	8/18/1997	U	0.098	Ethyl
KBF14	8/18/1997	U	0.098	Chlorpyrifos Methyl
KBF14	8/18/1997	U	0.098	Diazinon
KBF14	8/18/1997	U	0.049	Ethion
KBF14	8/18/1997	U	0.098	Ethoprop
KBF14	8/18/1997	U	0.29	Fenamiphos
KBF14	8/18/1997	U	0.098	Fonofos
KBF14	8/18/1997	U	0.15	Malathion
KBF14	8/18/1997	U	0.59	Metalaxyl
KBF14	8/18/1997	U	0.49	Metolachlor
KBF14	8/18/1997	U	0.2	Metribuzin
KBF14	8/18/1997	U	0.25	Mevinphos
KBF14	8/18/1997	U	0.78	Naled
				Parathion
KBF14	8/18/1997	U	0.098	Methyl
KBF14	8/18/1997	U	0.098	Parathion Ethyl
KBF14	8/18/1997	U	0.098	Phorate
KBF14	8/18/1997	U	0.29	Prodiamine

Key Biscayne Golf Course

Pesticides

Shallow Wells (8-12 ft)

Station	ID	Date	LabCode	Value (ug/l)	Parameter
	KBF14	8/18/1997	U	0.095	Prometryn
	KBF14	8/18/1997	U	0.048	Simazine
	KBML	8/18/1997	U	0.29	Alachlor
	KBML	8/18/1997	U	0.048	Ametryn
	KBML	8/18/1997	U	0.048	Atrazine
					Azinphos
	KBML	8/18/1997	U	0.19	Methyl
	KBML	8/18/1997	U	0.29	Bromacil
	KBML	8/18/1997	U	0.096	Butylate
					Chlorpyrifos
	KBML	8/18/1997	U	0.096	Ethyl
	KBML	8/18/1997	U	0.096	Chlorpyrifos Methyl
	KBML	8/18/1997	U	0.096	Diazinon
	KBML	8/18/1997	U	0.048	Ethion
	KBML	8/18/1997	U	0.096	Ethoprop
	KBML	8/18/1997	U	0.29	Fenamiphos
	KBML	8/18/1997	U	0.096	Fonofos
	KBML	8/18/1997	U	0.14	Malathion
	KBML	8/18/1997	U	0.58	Metalaxyl
	KBML	8/18/1997	U	0.48	Metolachlor
	KBML	8/18/1997	U	0.19	Metribuzin
	KBML	8/18/1997	U	0.24	Mevinphos
	KBML	8/18/1997	U	0.77	Naled
					Parathion
	KBML	8/18/1997	U	0.096	Methyl
	KBML	8/18/1997	U	0.096	Parathion Ethyl
	KBML	8/18/1997	U	0.096	Phorate
	KBML	8/18/1997	U	0.29	Prodiamine
	KBML	8/18/1997	U	0.096	Prometryn
	KBML	8/18/1997	U	0.048	Simazine
	KBT18	11/17/1997	U	0.0097	Aldrin

Deep Wells (22-28 ft)

Station	ID	Date	LabCode	Value (ug/l)	Parameter
	KBF14	8/18/1997	U	0.098	Prometryn
	KBF14	8/18/1997	U	0.049	Simazine
	KBML	8/18/1997	U	0.29	Alachlor
	KBML	8/18/1997	U	0.049	Ametryn
	KBML	8/18/1997	U	0.049	Atrazine
					Azinphos
	KBML	8/18/1997	U	0.19	Azinphos Methyl
	KBML	8/18/1997	U	0.29	Bromacil
	KBML	8/18/1997	U	0.097	Butylate
					Chlorpyrifos
	KBML	8/18/1997	U	0.097	Ethyl
	KBML	8/18/1997	U	0.097	Chlorpyrifos Methyl
	KBML	8/18/1997	U	0.097	Diazinon
	KBML	8/18/1997	U	0.049	Ethion
	KBML	8/18/1997	U	0.097	Ethoprop
	KBML	8/18/1997	U	0.29	Fenamiphos
	KBML	8/18/1997	U	0.097	Fonofos
	KBML	8/18/1997	U	0.15	Malathion
	KBML	8/18/1997	U	0.58	Metalaxyl
	KBML	8/18/1997	U	0.49	Metolachlor
	KBML	8/18/1997	U	0.19	Metribuzin
	KBML	8/18/1997	U	0.24	Mevinphos
	KBML	8/18/1997	U	0.78	Naled
					Parathion
	KBML	8/18/1997	U	0.097	Parathion Methyl
	KBML	8/18/1997	U	0.097	Parathion Ethyl
	KBML	8/18/1997	U	0.097	Phorate
	KBML	8/18/1997	U	0.29	Prodiamine
	KBML	8/18/1997	U	0.097	Prometryn
	KBML	8/18/1997	U	0.049	Simazine
	KBT18	11/17/1997	U	0.0096	Aldrin

Key Biscayne Golf Course

Pesticides

Shallow Wells (8-12 ft)

Station

ID	Date	LabCode	Value (ug/l)	Parameter
KBT18	11/17/1997	U	0.0097	Alpha-BHC
KBT18	11/17/1997	U	0.019	Beta-BHC
KBT18	11/17/1997	U	0.0097	Delta-BHC
KBT18	11/17/1997	U	0.0097	Gamma-BHC
KBT18	11/17/1997	U	0.097	Chlordane
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	DDT-p,p'
KBT18	11/17/1997	U	0.019	Dieldrin
KBT18	11/17/1997	U	0.0097	Endosulfan I
KBT18	11/17/1997	U	0.0097	Endosulfan II
KBT18	11/17/1997	U	0.019	Endosulfan Sulfate
KBT18	11/17/1997	U	0.049	Pendimethalin
KBT18	11/17/1997	U	0.019	Trifluralin/Benfluralin
KBT18	11/17/1997	U		Oxadiazon
KBT18	11/17/1997	U	0.29	Alachlor
KBT18	11/17/1997	U	0.049	Ametryn
KBT18	11/17/1997	U	0.049	Atrazine
KBT18	11/17/1997	U	0.19	Azinphos Methyl
KBT18	11/17/1997	U	0.29	Bromacil
KBT18	11/17/1997	U	0.097	Butylate
KBT18	11/17/1997	U	0.097	Chlorpyrifos Ethyl
KBT18	11/17/1997	U	0.097	Chlorpyrifos Methyl
KBT18	11/17/1997	U	0.097	Diazinon
KBT18	11/17/1997	U	0.049	Ethion
KBT18	11/17/1997	U	0.097	Ethoprop
KBT18	11/17/1997	U	0.29	Fenamiphos
KBT18	11/17/1997	U	0.097	Fonofos

Deep Wells (22-28 ft)

Station

ID	Date	LabCode	Value (ug/l)	Parameter
KBT18	11/17/1997	U	0.0096	Alpha-BHC
KBT18	11/17/1997	U	0.019	Beta-BHC
KBT18	11/17/1997	U	0.0096	Delta-BHC
KBT18	11/17/1997	U	0.0096	Gamma-BHC
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	DDE-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	0.0096	Endosulfan I
KBT18	11/17/1997	U	0.0096	Endosulfan II
KBT18	11/17/1997	U	0.019	Endosulfan Sulfate
KBT18	11/17/1997	U	0.048	Pendimethalin
KBT18	11/17/1997	U	0.019	Trifluralin/Benfluralin
KBT18	11/17/1997	U		Oxadiazon
KBT18	11/17/1997	U	0.29	Alachlor
KBT18	11/17/1997	U	0.048	Ametryn
KBT18	11/17/1997	U	0.048	Atrazine
KBT18	11/17/1997	U	0.19	Azinphos Methyl
KBT18	11/17/1997	U	0.29	Bromacil
KBT18	11/17/1997	U	0.096	Butylate
KBT18	11/17/1997	U	0.096	Chlorpyrifos Ethyl
KBT18	11/17/1997	U	0.096	Chlorpyrifos Methyl
KBT18	11/17/1997	U	0.096	Diazinon
KBT18	11/17/1997	U	0.048	Ethion
KBT18	11/17/1997	U	0.096	Ethoprop
KBT18	11/17/1997	U	0.29	Fenamiphos
KBT18	11/17/1997	U	0.096	Fonofos

Key Biscayne Golf Course

Pesticides

Shallow Wells (8-12 ft)

Station	ID	Date	LabCode	Value (ug/l)	Parameter
	KBT18	11/17/1997	U	0.15	Malathion
	KBT18	11/17/1997	U	0.58	Metalaxyl
	KBT18	11/17/1997	U	0.49	Metolachlor
	KBT18	11/17/1997	U	0.19	Metribuzin
	KBT18	11/17/1997	U	0.24	Mevinphos
	KBT18	11/17/1997	U	0.78	Naled
					Parathion
	KBT18	11/17/1997	U	0.097	Methyl
	KBT18	11/17/1997	U	0.097	Parathion Ethyl
	KBT18	11/17/1997	U	0.097	Phorate
	KBT18	11/17/1997	U	0.097	Prometryn
	KBT18	11/17/1997	U	0.049	Simazine
	KBT18	11/17/1997	U	0.29	Prodiamine
	KBF14	11/17/1997	U	0.0095	Aldrin
	KBF14	11/17/1997	U	0.0095	Alpha-BHC
	KBF14	11/17/1997	U	0.019	Beta-BHC
	KBF14	11/17/1997	U	0.0095	Delta-BHC
	KBF14	11/17/1997	U	0.0095	Gamma-BHC
	KBF14	11/17/1997	U	0.095	Chlordane
	KBF14	11/17/1997	U	0.019	DDD-p,p'
	KBF14	11/17/1997	U	0.019	DDE-p,p'
	KBF14	11/17/1997	U	0.019	DDT-p,p'
	KBF14	11/17/1997	U	0.019	Dieldrin
	KBF14	11/17/1997	U	0.0095	Endosulfan I
	KBF14	11/17/1997	U	0.0095	Endosulfan II
					Endosulfan
	KBF14	11/17/1997	U	0.019	Sulfate
	KBF14	11/17/1997	U	0.048	Pendimethalin
	KBF14	11/17/1997	U	0.019	Trifluralin/Benfluralin
	KBF14	11/17/1997	U		Oxadiazon
	KBF14	11/17/1997	U	0.29	Alachlor

Deep Wells (22-28 ft)

Station	ID	Date	LabCode	Value (ug/l)	Parameter
	KBT18	11/17/1997	U	0.14	Malathion
	KBT18	11/17/1997	U	0.58	Metalaxyl
	KBT18	11/17/1997	U	0.48	Metolachlor
	KBT18	11/17/1997	U	0.19	Metribuzin
	KBT18	11/17/1997	U	0.24	Mevinphos
	KBT18	11/17/1997	U	0.77	Naled
					Parathion Methyl
	KBT18	11/17/1997	U	0.096	Parathion Ethyl
	KBT18	11/17/1997	U	0.096	Phorate
	KBT18	11/17/1997	U	0.096	Prometryn
	KBT18	11/17/1997	U	0.048	Simazine
	KBT18	11/17/1997	U	0.29	Prodiamine
	KBF14	11/17/1997	U	0.012	Aldrin
	KBF14	11/17/1997	U	0.012	Alpha-BHC
	KBF14	11/17/1997	U	0.023	Beta-BHC
	KBF14	11/17/1997	U	0.012	Delta-BHC
	KBF14	11/17/1997	U	0.012	Gamma-BHC
	KBF14	11/17/1997	U	0.12	Chlordane
	KBF14	11/17/1997	U	0.023	DDD-p,p'
	KBF14	11/17/1997	U	0.023	DDE-p,p'
	KBF14	11/17/1997	U	0.023	DDT-p,p'
	KBF14	11/17/1997	U	0.023	Dieldrin
	KBF14	11/17/1997	U	0.012	Endosulfan I
	KBF14	11/17/1997	U	0.012	Endosulfan II
					Endosulfan Sulfate
	KBF14	11/17/1997	U	0.023	Endosulfan Sulfate
	KBF14	11/17/1997	U	0.058	Pendimethalin
	KBF14	11/17/1997	U	0.023	Trifluralin/Benfluralin
	KBF14	11/17/1997	U		Oxadiazon
	KBF14	11/17/1997	U	0.35	Alachlor

Key Biscayne Golf Course

Pesticides

Shallow Wells (8-12 ft)

Station	ID	Date	LabCode	Value (ug/l)	Parameter
	KBF14	11/17/1997	U	0.048	Ametryn
	KBF14	11/17/1997	U	0.048	Atrazine
	KBF14	11/17/1997	U	0.19	Azinphos Methyl
	KBF14	11/17/1997	U	0.29	Bromacil
	KBF14	11/17/1997	U	0.095	Butylate
	KBF14	11/17/1997	U	0.095	Chlorpyrifos Ethyl
	KBF14	11/17/1997	U	0.095	Chlorpyrifos Methyl
	KBF14	11/17/1997	U	0.095	Diazinon
	KBF14	11/17/1997	U	0.048	Ethion
	KBF14	11/17/1997	U	0.095	Ethoprop
	KBF14	11/17/1997	U	0.29	Fenamiphos
	KBF14	11/17/1997	U	0.095	Fonofos
	KBF14	11/17/1997	U	0.14	Malathion
	KBF14	11/17/1997	U	0.57	Metalaxyl
	KBF14	11/17/1997	U	0.48	Metolachlor
	KBF14	11/17/1997	U	0.19	Metribuzin
	KBF14	11/17/1997	U	0.24	Mevinphos
	KBF14	11/17/1997	U	0.76	Naled
	KBF14	11/17/1997	U	0.095	Parathion Methyl
	KBF14	11/17/1997	U	0.095	Parathion Ethyl
	KBF14	11/17/1997	U	0.095	Phorate
	KBF14	11/17/1997	U	0.95	Prometryn
	KBF14	11/17/1997	U	0.048	Simazine
	KBF14	11/17/1997	U	0.29	Prodiamine
	KBML	11/17/1997	U	0.0095	Aldrin
	KBML	11/17/1997	U	0.0095	Alpha-BHC
	KBML	11/17/1997	U	0.019	Beta-BHC
	KBML	11/17/1997	U	0.0095	Delta-BHC

Deep Wells (22-28 ft)

Station	ID	Date	LabCode	Value (ug/l)	Parameter
	KBF14	11/17/1997	U	0.058	Ametryn
	KBF14	11/17/1997	U	0.058	Atrazine
	KBF14	11/17/1997	U	0.23	Azinphos Methyl
	KBF14	11/17/1997	U	0.35	Bromacil
	KBF14	11/17/1997	U	0.12	Butylate
	KBF14	11/17/1997	U	0.12	Chlorpyrifos Ethyl
	KBF14	11/17/1997	U	0.12	Chlorpyrifos Methyl
	KBF14	11/17/1997	U	0.12	Diazinon
	KBF14	11/17/1997	U	0.058	Ethion
	KBF14	11/17/1997	U	0.12	Ethoprop
	KBF14	11/17/1997	U	0.35	Fenamiphos
	KBF14	11/17/1997	U	0.12	Fonofos
	KBF14	11/17/1997	U	0.17	Malathion
	KBF14	11/17/1997	U	0.7	Metalaxyl
	KBF14	11/17/1997	U	0.58	Metolachlor
	KBF14	11/17/1997	U	0.23	Metribuzin
	KBF14	11/17/1997	U	0.29	Mevinphos
	KBF14	11/17/1997	U	0.93	Naled
	KBF14	11/17/1997	U	0.12	Parathion Methyl
	KBF14	11/17/1997	U	0.12	Parathion Ethyl
	KBF14	11/17/1997	U	0.12	Phorate
	KBF14	11/17/1997	U	0.12	Prometryn
	KBF14	11/17/1997	U	0.058	Simazine
	KBF14	11/17/1997	U	0.29	Prodiamine
	KBML	11/17/1997	U	0.0096	Aldrin
	KBML	11/17/1997	U	0.0096	Alpha-BHC
	KBML	11/17/1997	U	0.019	Beta-BHC
	KBML	11/17/1997	U	0.0096	Delta-BHC

Key Biscayne Golf Course

Pesticides

Shallow Wells (8-12 ft)

Station

ID	Date	LabCode	Value (ug/l)	Parameter
KBML	11/17/1997	U	0.0095	Gamma-BHC
KBML	11/17/1997	U	0.095	Chlordane
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	DDT-p,p'
KBML	11/17/1997	U	0.019	Dieldrin
KBML	11/17/1997	U	0.0095	Endosulfan I
KBML	11/17/1997	U	0.0095	Endosulfan II
KBML	11/17/1997	U	0.019	Endosulfan Sulfate
KBML	11/17/1997	U	0.048	Pendimethalin
KBML	11/17/1997	U	0.019	Trifluralin/Benfluralin
KBML	11/17/1997	U		Oxadiazon
KBML	11/17/1997	U	0.29	Alachlor
KBML	11/17/1997	U	0.048	Ametryn
KBML	11/17/1997	U	0.048	Atrazine
KBML	11/17/1997	U		Azinphos Methyl
KBML	11/17/1997	U	0.19	Bromacil
KBML	11/17/1997	U	0.29	Butylate
KBML	11/17/1997	U	0.095	Chlorpyrifos
KBML	11/17/1997	U	0.095	Ethyl Chlorpyrifos Methyl
KBML	11/17/1997	U	0.095	Diazinon
KBML	11/17/1997	U	0.048	Ethion
KBML	11/17/1997	U	0.095	Ethoprop
KBML	11/17/1997	U	0.29	Fenamiphos
KBML	11/17/1997	U	0.095	Fonofos
KBML	11/17/1997	U	0.14	Malathion
KBML	11/17/1997	U	0.57	Metalaxyl
KBML	11/17/1997	U	0.48	Metolachlor

Deep Wells (22-28 ft)

Station

ID	Date	LabCode	Value (ug/l)	Parameter
KBML	11/17/1997	U	0.0096	Gamma-BHC
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	DDE-p,p'
KBML	11/17/1997	U	0.019	DDT-p,p'
KBML	11/17/1997	U	0.019	Dieldrin
KBML	11/17/1997	U	0.0096	Endosulfan I
KBML	11/17/1997	U	0.0096	Endosulfan II
KBML	11/17/1997	U	0.019	Endosulfan Sulfate
KBML	11/17/1997	U	0.048	Pendimethalin
KBML	11/17/1997	U	0.019	Trifluralin/Benfluralin
KBML	11/17/1997	U		Oxadiazon
KBML	11/17/1997	U	0.29	Alachlor
KBML	11/17/1997	U	0.048	Ametryn
KBML	11/17/1997	U	0.048	Atrazine
KBML	11/17/1997	U	0.19	Azinphos Methyl
KBML	11/17/1997	U	0.29	Bromacil
KBML	11/17/1997	U	0.096	Butylate
KBML	11/17/1997	U	0.096	Chlorpyrifos Ethyl
KBML	11/17/1997	U	0.096	Chlorpyrifos Methyl
KBML	11/17/1997	U	0.096	Diazinon
KBML	11/17/1997	U	0.048	Ethion
KBML	11/17/1997	U	0.096	Ethoprop
KBML	11/17/1997	U	0.29	Fenamiphos
KBML	11/17/1997	U	0.096	Fonofos
KBML	11/17/1997	U	0.14	Malathion
KBML	11/17/1997	U	0.58	Metalaxyl
KBML	11/17/1997	U	0.48	Metolachlor

Key Biscayne Golf Course

Pesticides

Shallow Wells (8-12 ft)

Station	ID	Date	LabCode	Value (ug/l)	Parameter
	KBML	11/17/1997	U	0.19	Metribuzin
	KBML	11/17/1997	U	0.24	Mevinphos
	KBML	11/17/1997	U	0.76	Naled
	KBML	11/17/1997	U	0.095	Parathion Methyl
	KBML	11/17/1997	U	0.095	Parathion Ethyl
	KBML	11/17/1997	U	0.095	Phorate
	KBML	11/17/1997	U	0.095	Prometryn
	KBML	11/17/1997	U	0.048	Simazine
	KBML	11/17/1997	U	0.29	Prodiamine

Deep Wells (22-28 ft)

Station	ID	Date	LabCode	Value (ug/l)	Parameter
	KBML	11/17/1997	U	0.19	Metribuzin
	KBML	11/17/1997	U	0.24	Mevinphos
	KBML	11/17/1997	U	0.77	Naled
	KBML	11/17/1997	U	0.096	Parathion Methyl
	KBML	11/17/1997	U	0.096	Parathion Ethyl
	KBML	11/17/1997	U	0.096	Phorate
	KBML	11/17/1997	U	0.096	Prometryn
	KBML	11/17/1997	U	0.048	Simazine
	KBML	11/17/1997	U	0.29	Prodiamine

Greynolds Park Golf Course

Field Data

Shallow Wells (8-12 ft)

StationID	Date	Value	ParamID	Lab
GPG4	2/27/1997	563	Conductivity	Hydrolab
GPML	2/27/1997	992	Conductivity	Hydrolab
GPT8	2/27/1997	586	Conductivity	Hydrolab
GPG4	2/27/1997	7.12	pH	Hydrolab
GPML	2/27/1997	7.17	pH	Hydrolab
GPT8	2/27/1997	7.18	pH	Hydrolab
GPG4	2/27/1997	136	Redox	Hydrolab
GPML	2/27/1997	354	Redox	Hydrolab
GPT8	2/27/1997	215	Redox	Hydrolab
GPG4	2/27/1997	na	Salinity	Hydrolab
GPML	2/27/1997	na	Salinity	Hydrolab
GPT8	2/27/1997	na	Salinity	Hydrolab
GPG4	2/27/1997	25.92	Temp	Hydrolab
GPML	2/27/1997	25.1	Temp	Hydrolab
GPT8	2/27/1997	24.93	Temp	Hydrolab
GPG4	3/3/1997	1.5	Dissolved Oxygen	Hydrolab
GPML	3/3/1997	3.11	Dissolved Oxygen	Hydrolab
GPT8	3/3/1997	2.27	Dissolved Oxygen	Hydrolab
GPG4	5/20/1997	524	Conductivity	Hydrolab
GPML	5/20/1997	1086	Conductivity	Hydrolab
GPT8	5/20/1997	572	Conductivity	Hydrolab
GPG4	5/20/1997	0.33	Dissolved Oxygen	Hydrolab
GPML	5/20/1997	4.3	DO	Hydrolab

Deep Wells (22-28 ft)

StationID	Date	Value	ParamID	Lab
GPG4	2/27/1997	634	Conductivity	Hydrolab
GPML	2/27/1997	700	Conductivity	Hydrolab
GPT8	2/27/1997	733	Conductivity	Hydrolab
GPG4	2/27/1997	0.2	Dissolved Oxygen	Hydrolab
GPML	2/27/1997	0.52	Dissolved Oxygen	Hydrolab
GPT8	2/27/1997	0.48	Dissolved Oxygen	Hydrolab
GPG4	2/27/1997	7.18	pH	Hydrolab
GPML	2/27/1997	7.08	pH	Hydrolab
GPT8	2/27/1997	7.07	pH	Hydrolab
GPG4	2/27/1997	75	Redox	Hydrolab
GPML	2/27/1997	113	Redox	Hydrolab
GPT8	2/27/1997	238	Redox	Hydrolab
GPG4	2/27/1997	na	Salinity	Hydrolab
GPML	2/27/1997	na	Salinity	Hydrolab
GPT8	2/27/1997	na	Salinity	Hydrolab
GPG4	2/27/1997	26.31	Temp	Hydrolab
GPML	2/27/1997	26.03	Temp	Hydrolab
GPT8	2/27/1997	25.71	Temp	Hydrolab
GPG4	5/20/1997	599	Conductivity	Hydrolab
GPML	5/20/1997	727	Conductivity	Hydrolab
GPT8	5/20/1997	743	Conductivity	Hydrolab
GPG4	5/20/1997	1.11	Dissolved Oxygen	Hydrolab
GPML	5/20/1997	7.02	DO	Hydrolab

Greynolds Park Golf Course

Field Data

Shallow Wells (8-12 ft)

StationID	Date	Value	ParamID	Lab
GPT8	5/20/1997	3	Oxygen Dissolved	Hydrolab
GPG4	5/20/1997	6.93	pH	Hydrolab
GPML	5/20/1997	6.8	pH	Hydrolab
GPT8	5/20/1997	6.89	pH	Hydrolab
GPG4	5/20/1997	78	Redox	Hydrolab
GPML	5/20/1997	402	Redox	Hydrolab
GPT8	5/20/1997	204	Redox	Hydrolab
GPG4	5/20/1997	0.3	Salinity	Hydrolab
GPML	5/20/1997	0.6	Salinity	Hydrolab
GPT8	5/20/1997	0.3	Salinity	Hydrolab
GPG4	5/20/1997	26.1	Temp	Hydrolab
GPML	5/20/1997	25.37	Temp	Hydrolab
GPT8	5/20/1997	25.2	Temp	Hydrolab
GPG4	8/13/1997	662	Conductivity	Hydrolab
GPML	8/13/1997	1061	Conductivity	Hydrolab
GPT8	8/13/1997	573	Conductivity	Hydrolab
GPG4	8/13/1997	0.33	Oxygen Dissolved	Hydrolab
GPML	8/13/1997	1.68	Oxygen Dissolved	Hydrolab
GPT8	8/13/1997	3.07	Oxygen	Hydrolab
GPG4	8/13/1997	6.86	pH	Hydrolab
GPML	8/13/1997	6.78	pH	Hydrolab
GPT8	8/13/1997	7.01	pH	Hydrolab
GPG4	8/13/1997	-154	Redox	Hydrolab
GPML	8/13/1997	211	Redox	Hydrolab
GPT8	8/13/1997	-82	Redox	Hydrolab
GPG4	8/13/1997	0.3	Salinity	Hydrolab
GPML	8/13/1997	0.6	Salinity	Hydrolab
GPT8	8/13/1997	0.3	Salinity	Hydrolab

Deep Wells (22-28 ft)

StationID	Date	Value	ParamID	Lab
GPT8	5/20/1997	1.01	Oxygen	Hydrolab
GPG4	5/20/1997	6.99	pH	Hydrolab
GPML	5/20/1997	6.96	pH	Hydrolab
GPT8	5/20/1997	6.86	pH	Hydrolab
GPG4	5/20/1997	93	Redox	Hydrolab
GPML	5/20/1997	155	Redox	Hydrolab
GPT8	5/20/1997	227	Redox	Hydrolab
GPG4	5/20/1997	0.3	Salinity	Hydrolab
GPML	5/20/1997	0.4	Salinity	Hydrolab
GPT8	5/20/1997	0.4	Salinity	Hydrolab
GPG4	5/20/1997	26.31	Temp	Hydrolab
GPML	5/20/1997	25.84	Temp	Hydrolab
GPT8	5/20/1997	25.93	Temp	Hydrolab
GPG4	8/13/1997	597	Conductivity	Hydrolab
GPML	8/13/1997	703	Conductivity	Hydrolab
GPT8	8/13/1997	796	Conductivity	Hydrolab
GPG4	8/13/1997	0.25	Oxygen Dissolved	Hydrolab
GPML	8/13/1997	0.86	Oxygen Dissolved	Hydrolab
GPT8	8/13/1997	1.01	Oxygen	Hydrolab
GPG4	8/13/1997	7.01	pH	Hydrolab
GPML	8/13/1997	7.11	pH	Hydrolab
GPT8	8/13/1997	6.97	pH	Hydrolab
GPG4	8/13/1997	-161	Redox	Hydrolab
GPML	8/13/1997	-134	Redox	Hydrolab
GPT8	8/13/1997	-6	Redox	Hydrolab
GPG4	8/13/1997	0.3	Salinity	Hydrolab
GPML	8/13/1997	0.4	Salinity	Hydrolab
GPT8	8/13/1997	0.4	Salinity	Hydrolab

Greynolds Park Golf Course

Field Data

Shallow Wells (8-12 ft)

StationID	Date	Value	ParamID	Lab
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	Dissolved 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

Deep Wells (22-28 ft)

StationID	Date	Value	ParamID	Lab
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	Dissolved 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

Greynolds Park Golf Course

Nutrients

Shallow Wells (8-12 ft)

StationID	Date	Value	ParamID	Lab
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
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

Deep Wells (22-28 ft)

StationID	Date	Value	ParamID	Lab
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
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

Arsenic

Shallow Wells (8-12 ft)

StationID	Date	Value	ParamID	Lab
GPG4	3/3/1997	10	Arsenic	FDEP

Deep Wells (22-28 ft)

StationID	Date	Value	ParamID	Lab
GPG4	3/3/1997	4(I)	Arsenic	FDEP

Arsenic

Shallow Wells (8-12 ft)

StationID	Date	Value	ParamID	Lab
GPG4	8/13/1997	55(A)	Arsenic	FDEP
GPG4	11/12/1997	32	Arsenic	FDEP
GPML	3/3/1997	128	Arsenic	FDEP
GPML	5/20/1997	135	Arsenic	FDEP
GPML	8/13/1997	227	Arsenic	FDEP
GPML	11/12/1997	243	Arsenic	FDEP
GPT8	3/3/1997	20(A)	Arsenic	FDEP
GPT8	5/20/1997	10.5	Arsenic	FDEP
GPT8	8/13/1997	14	Arsenic	FDEP
GPT8	11/12/1997	15	Arsenic	FDEP

Deep Wells (22-28 ft)

StationID	Date	Value	ParamID	Lab
GPG4	8/13/1997	2(U)	Arsenic	FDEP
GPG4	11/12/1997	3(U)	Arsenic	FDEP
GPML	3/3/1997	19	Arsenic	FDEP
GPML	5/20/1997	9.6	Arsenic	FDEP
GPML	8/13/1997	10	Arsenic	FDEP
GPML	11/12/1997	3(U)	Arsenic	FDEP
GPT8	3/3/1997	2(U)	Arsenic	FDEP
GPT8	5/20/1997	2(U)	Arsenic	FDEP
GPT8	8/13/1997	2(U)	Arsenic	FDEP
GPT8	11/12/1997	3(U)	Arsenic	FDEP

PESTICIDES

Shallow Wells (8-12 ft)

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
				Azinphos
GPG4	5/20/1997	U	0.19	Methyl
GPG4	5/20/1997	U	0.29	Bromacil
GPG4	5/20/1997	U	0.096	Butylate
				Chlorpyrifos
GPG4	5/20/1997	U	0.096	Ethyl
				Chlorpyrifos
GPG4	5/20/1997	U	0.096	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

Deep Wells (22-28 ft)

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
				Azinphos Methyl
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
				Chlorpyrifos Ethyl
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

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PESTICIDES

Shallow Wells (8-12 ft)

Station	ID	Date	LabCode	Value ug/l	Parameter
	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
					Parathion
	GPG4	5/20/1997	U	0.096	Methyl Parathion
					Ethyl Parathion
	GPG4	5/20/1997	U	0.096	Ethyl Parathion
	GPG4	5/20/1997	U	0.096	Phorate
	GPG4	5/20/1997	U	0.096	Prometryn
	GPG4	5/20/1997	U	0.048	Simazine
	GPG4	5/20/1997	U	0.29	Prodiamine
	GPT8	5/20/1997	U	0.29	Alachlor
	GPT8	5/20/1997	U	0.048	Ametryn
	GPT8	5/20/1997	U	0.048	Atrazine
					Azinphos
	GPT8	5/20/1997	U	0.19	Methyl Azinphos
	GPT8	5/20/1997	U	0.29	Bromacil
	GPT8	5/20/1997	U	0.097	Butylate
					Chlorpyrifos
	GPT8	5/20/1997	U	0.097	Ethyl Chlorpyrifos
					Chlorpyrifos
	GPT8	5/20/1997	U	0.097	Methyl Chlorpyrifos
	GPT8	5/20/1997	U	0.097	Diazinon
	GPT8	5/20/1997	U	0.048	Ethion
	GPT8	5/20/1997	U	0.097	Ethoprop
	GPT8	5/20/1997	U	0.29	Fenamiphos
	GPT8	5/20/1997	U	0.097	Fonofos
	GPT8	5/20/1997	U	0.15	Malathion

Deep Wells (22-28 ft)

Station	ID	Date	LabCode	Value ug/l	Parameter
	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
					Parathion
	GPG4	5/20/1997	U	0.096	Parathion Methyl
					Parathion
	GPG4	5/20/1997	U	0.096	Ethyl Parathion
	GPG4	5/20/1997	U	0.096	Phorate
	GPG4	5/20/1997	U	0.096	Prometryn
	GPG4	5/20/1997	U	0.048	Simazine
	GPG4	5/20/1997	U	0.29	Prodiamine
	GPT8	5/20/1997	U	0.31	Alachlor
	GPT8	5/20/1997	U	0.051	Ametryn
	GPT8	5/20/1997	U	0.051	Atrazine
					Azinphos
	GPT8	5/20/1997	U	0.2	Azinphos Methyl
	GPT8	5/20/1997	U	0.31	Bromacil
	GPT8	5/20/1997	U	0.1	Butylate
					Chlorpyrifos
	GPT8	5/20/1997	U	0.1	Chlorpyrifos Ethyl
					Chlorpyrifos
	GPT8	5/20/1997	U	0.1	Chlorpyrifos Methyl
	GPT8	5/20/1997	U	0.1	Diazinon
	GPT8	5/20/1997	U	0.051	Ethion
	GPT8	5/20/1997	U	0.1	Ethoprop
	GPT8	5/20/1997	U	0.31	Fenamiphos
	GPT8	5/20/1997	U	0.1	Fonofos
	GPT8	5/20/1997	U	0.15	Malathion

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PESTICIDES

Shallow Wells (8-12 ft)

Station	ID	Date	LabCode	Value ug/l	Parameter
	GPT8	5/20/1997	U	0.58	Metalaxyl
	GPT8	5/20/1997	U	0.48	Metolachlor
	GPT8	5/20/1997	U	0.19	Metribuzin
	GPT8	5/20/1997	U	0.24	Mevinphos
	GPT8	5/20/1997	U	0.77	Naled
					Parathion
	GPT8	5/20/1997	U	0.097	Methyl Parathion
					Ethyl
	GPT8	5/20/1997	U	0.097	Phorate
	GPT8	5/20/1997	U	0.097	Prometryn
	GPT8	5/20/1997	U	0.048	Simazine
	GPT8	5/20/1997	U	0.29	Prodiamine
	GPML	5/20/1997	U	0.29	Alachlor
	GPML	5/20/1997	U	0.048	Ametryn
	GPML	5/20/1997	U	0.048	Atrazine
					Azinphos
	GPML	5/20/1997	U	0.19	Methyl Azinphos
	GPML	5/20/1997	U	0.29	Bromacil
	GPML	5/20/1997	U	0.095	Butylate
					Chlorpyrifos
	GPML	5/20/1997	U	0.095	Ethyl Chlorpyrifos
					Chlorpyrifos
	GPML	5/20/1997	U	0.095	Methyl Chlorpyrifos
	GPML	5/20/1997	U	0.095	Diazinon
	GPML	5/20/1997	U	0.048	Ethion
	GPML	5/20/1997	U	0.095	Ethoprop
	GPML	5/20/1997	U	0.29	Fenamiphos
	GPML	5/20/1997	U	0.095	Fonofos
	GPML	5/20/1997	U	0.14	Malathion
	GPML	5/20/1997	U	0.57	Metalaxyl

Deep Wells (22-28 ft)

Station	ID	Date	LabCode	Value ug/l	Parameter
	GPT8	5/20/1997	U	0.61	Metalaxyl
	GPT8	5/20/1997	U	0.51	Metolachlor
	GPT8	5/20/1997	U	0.2	Metribuzin
	GPT8	5/20/1997	U	0.26	Mevinphos
	GPT8	5/20/1997	U	0.82	Naled
					Parathion
	GPT8	5/20/1997	U	0.1	Parathion Methyl
					Parathion
	GPT8	5/20/1997	U	0.1	Ethyl
	GPT8	5/20/1997	U	0.1	Phorate
	GPT8	5/20/1997	U	0.1	Prometryn
	GPT8	5/20/1997	U	0.051	Simazine
	GPT8	5/20/1997	U	0.31	Prodiamine
	GPML	5/20/1997	U	0.29	Alachlor
	GPML	5/20/1997	U	0.048	Ametryn
	GPML	5/20/1997	U	0.048	Atrazine
					Azinphos
	GPML	5/20/1997	U	0.19	Methyl Azinphos
	GPML	5/20/1997	U	0.29	Bromacil
	GPML	5/20/1997	U	0.095	Butylate
					Chlorpyrifos
	GPML	5/20/1997	U	0.095	Ethyl Chlorpyrifos
					Chlorpyrifos
	GPML	5/20/1997	U	0.095	Methyl Chlorpyrifos
	GPML	5/20/1997	U	0.095	Diazinon
	GPML	5/20/1997	U	0.048	Ethion
	GPML	5/20/1997	U	0.095	Ethoprop
	GPML	5/20/1997	U	0.29	Fenamiphos
	GPML	5/20/1997	U	0.095	Fonofos
	GPML	5/20/1997	U	0.14	Malathion
	GPML	5/20/1997	U	0.57	Metalaxyl

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PESTICIDES

Shallow Wells (8-12 ft)

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

Deep Wells (22-28 ft)

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

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PESTICIDES

Shallow Wells (8-12 ft)

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

Deep Wells (22-28 ft)

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

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PESTICIDES

Shallow Wells (8-12 ft)

Station	ID	Date	LabCode	Value ug/l	Parameter
	GPT8	8/13/1997	U	0.76	Naled
	GPT8	8/13/1997	U	0.095	Parathion Methyl
	GPT8	8/13/1997	U	0.095	Parathion
	GPT8	8/13/1997	U	0.095	Phorate
	GPT8	8/13/1997	U	0.29	Prodiamine
	GPT8	8/13/1997	U	0.095	Prometryn
	GPT8	8/13/1997	U	0.048	Simazine
	GPML	8/13/1997	U	0.29	Alachlor
	GPML	8/13/1997	U	0.048	Ametryn
	GPML	8/13/1997	U	0.048	Atrazine
	GPML	8/13/1997	U	0.19	Azinphos Methyl
	GPML	8/13/1997	U	0.29	Bromacil
	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 Methyl
	GPML	8/13/1997	U	0.095	Diazinon
	GPML	8/13/1997	U	0.048	Ethion
	GPML	8/13/1997	U	0.095	Ethoprop
	GPML	8/13/1997	U	0.29	Fenamiphos
	GPML	8/13/1997	U	0.095	Fonofos
	GPML	8/13/1997	U	0.14	Malathion
	GPML	8/13/1997	U	0.57	Metalaxyl
	GPML	8/13/1997	U	0.48	Metolachlor
	GPML	8/13/1997	U	0.19	Metribuzin
	GPML	8/13/1997	U	0.24	Mevinphos
	GPML	8/13/1997	U	0.76	Naled
	GPML	8/13/1997	U	0.095	Parathion Methyl

Deep Wells (22-28 ft)

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

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Shallow Wells (8-12 ft)

Station ID	Date	LabCode	Value ug/l	Parameter
				Parathion
GPMML	8/13/1997	U	0.095	Ethyl
GPMML	8/13/1997	U	0.095	Phorate
GPMML	8/13/1997	U	0.29	Prodiamine
GPMML	8/13/1997	U	0.095	Prometryn
GPMML	8/13/1997	U	0.048	Simazine
GPG4	11/12/1997	U	0.0095	Aldrin
GPG4	11/12/1997	U	0.0095	Alpha-BHC
GPG4	11/12/1997	U	0.019	Beta-BHC
GPG4	11/12/1997	U	0.0095	Delta-BHC
GPG4	11/12/1997	U	0.0095	Gamma-BHC
GPG4	11/12/1997	U	0.095	Chlordane
GPG4	11/12/1997	U	0.019	DDD-p,p'
GPG4	11/12/1997	U	0.019	DDE-p,p'
GPG4	11/12/1997	U	0.019	DDT-p,p'
GPG4	11/12/1997	U	0.019	Dieldrin
GPG4	11/12/1997	U	0.0095	Endosulfan I
GPG4	11/12/1997	U	0.0095	Endosulfan II
				Endosulfan
GPG4	11/12/1997	U	0.019	Sulfate
GPG4	11/12/1997	U	0.019	Endrin
				Endrin
GPG4	11/12/1997	U	0.019	Aldehyde
GPG4	11/12/1997	U	0.0095	Heptachlor
GPG4	11/12/1997	U	0.0095	Heptachlor Epoxide
GPG4	11/12/1997	U	0.71	Toxaphene
GPG4	11/12/1997	U	0.019	Chlorothalonil
GPG4	11/12/1997	U		Oxadiazon
GPG4	11/12/1997	U	0.29	Alachlor
GPG4	11/12/1997	U	0.048	Ametryn
GPG4	11/12/1997	U	0.048	Atrazine

Deep Wells (22-28 ft)

Station ID	Date	LabCode	Value ug/l	Parameter
				Parathion
GPMML	8/13/1997	U	0.095	Ethyl
GPMML	8/13/1997	U	0.095	Phorate
GPMML	8/13/1997	U	0.29	Prodiamine
GPMML	8/13/1997	U	0.095	Prometryn
GPMML	8/13/1997	U	0.048	Simazine
GPG4	11/12/1997	U	0.01	Aldrin
GPG4	11/12/1997	U	0.01	Alpha-BHC
GPG4	11/12/1997	U	0.02	Beta-BHC
GPG4	11/12/1997	U	0.01	Delta-BHC
GPG4	11/12/1997	U	0.01	Gamma-BHC
GPG4	11/12/1997	U	0.1	Chlordane
GPG4	11/12/1997	U	0.02	DDD-p,p'
GPG4	11/12/1997	U	0.02	DDE-p,p'
GPG4	11/12/1997	U	0.02	DDT-p,p'
GPG4	11/12/1997	U	0.02	Dieldrin
GPG4	11/12/1997	U	0.01	Endosulfan I
GPG4	11/12/1997	U	0.01	Endosulfan II
				Endosulfan Sulfate
GPG4	11/12/1997	U	0.02	Endrin
				Endrin
GPG4	11/12/1997	U	0.02	Aldehyde
GPG4	11/12/1997	U	0.01	Heptachlor
GPG4	11/12/1997	U	0.01	Heptachlor Epoxide
GPG4	11/12/1997	U	0.75	Toxaphene
GPG4	11/12/1997	U	0.02	Chlorothalonil
GPG4	11/12/1997	U		Oxadiazon
GPG4	11/12/1997	U	0.3	Alachlor
GPG4	11/12/1997	U	0.05	Ametryn
GPG4	11/12/1997	U	0.05	Atrazine

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Shallow Wells (8-12 ft)

Station ID	Date	LabCode	Value ug/l	Parameter
GPG4	11/12/1997	U	0.19	Azinphos Methyl
GPG4	11/12/1997	U	0.29	Bromacil
GPG4	11/12/1997	U	0.095	Butylate
GPG4	11/12/1997	U	0.095	Chlorpyrifos Ethyl
GPG4	11/12/1997	U	0.095	Chlorpyrifos Methyl
GPG4	11/12/1997	U	0.095	Diazinon
GPG4	11/12/1997	U	0.048	Ethion
GPG4	11/12/1997	U	0.095	Ethoprop
GPG4	11/12/1997	U	0.29	Fenamiphos
GPG4	11/12/1997	U	0.095	Fonofos
GPG4	11/12/1997	U	0.14	Malathion
GPG4	11/12/1997	U	0.57	Metalaxyl
GPG4	11/12/1997	U	0.48	Metolachlor
GPG4	11/12/1997	U	0.19	Metribuzin
GPG4	11/12/1997	U	0.24	Mevinphos
GPG4	11/12/1997	U	0.76	Naled
GPG4	11/12/1997	U	0.095	Parathion Methyl
GPG4	11/12/1997	U	0.095	Parathion Ethyl
GPG4	11/12/1997	U	0.095	Phorate
GPG4	11/12/1997	U	0.095	Prometryn
GPG4	11/12/1997	U	0.048	Simazine
GPG4	11/12/1997	U	0.29	Prodiamine
GPT8	11/12/1997	U	0.0095	Aldrin
GPT8	11/12/1997	U	0.0095	Alpha-BHC
GPT8	11/12/1997	U	0.019	Beta-BHC
GPT8	11/12/1997	U	0.0095	Delta-BHC

Deep Wells (22-28 ft)

Station ID	Date	LabCode	Value ug/l	Parameter
GPG4	11/12/1997	U	0.2	Azinphos Methyl
GPG4	11/12/1997	U	0.3	Bromacil
GPG4	11/12/1997	U	0.1	Butylate
GPG4	11/12/1997	U	0.1	Chlorpyrifos Ethyl
GPG4	11/12/1997	U	0.1	Chlorpyrifos Methyl
GPG4	11/12/1997	U	0.1	Diazinon
GPG4	11/12/1997	U	0.05	Ethion
GPG4	11/12/1997	U	0.1	Ethoprop
GPG4	11/12/1997	U	0.3	Fenamiphos
GPG4	11/12/1997	U	0.1	Fonofos
GPG4	11/12/1997	U	0.15	Malathion
GPG4	11/12/1997	U	0.6	Metalaxyl
GPG4	11/12/1997	U	0.5	Metolachlor
GPG4	11/12/1997	U	0.2	Metribuzin
GPG4	11/12/1997	U	0.25	Mevinphos
GPG4	11/12/1997	U	0.8	Naled
GPG4	11/12/1997	U	0.1	Parathion Methyl
GPG4	11/12/1997	U	0.1	Parathion Ethyl
GPG4	11/12/1997	U	0.1	Phorate
GPG4	11/12/1997	U	0.1	Prometryn
GPG4	11/12/1997	U	0.5	Simazine
GPG4	11/12/1997	U	0.3	Prodiamine
GPT8	11/12/1997	U	0.0095	Aldrin
GPT8	11/12/1997	U	0.0095	Alpha-BHC
GPT8	11/12/1997	U	0.019	Beta-BHC
GPT8	11/12/1997	U	0.0095	Delta-BHC

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Shallow Wells (8-12 ft)

Station	ID	Date	LabCode	Value ug/l	Parameter
	GPT8	11/12/1997	U	0.0095	Gamma-BHC
	GPT8	11/12/1997	U	0.095	Chlordane
	GPT8	11/12/1997	U	0.019	DDD-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	Dieldrin
	GPT8	11/12/1997	U	0.0095	Endosulfan I
	GPT8	11/12/1997	U	0.0095	Endosulfan II
					Endosulfan
	GPT8	11/12/1997	U	0.019	Sulfate
	GPT8	11/12/1997	U	0.019	Endrin
					Endrin
	GPT8	11/12/1997	U	0.019	Aldehyde
	GPT8	11/12/1997	U	0.0095	Heptachlor
	GPT8	11/12/1997	U	0.0095	Heptachlor Epoxide
	GPT8	11/12/1997	U	0.71	Toxaphene
	GPT8	11/12/1997	U	0.019	Chlorothalonil
	GPT8	11/12/1997	U		Oxadiazon
	GPT8	11/12/1997	U	0.29	Alachlor
	GPT8	11/12/1997	U	0.048	Ametryn
	GPT8	11/12/1997	U	0.048	Atrazine
					Azinphos
	GPT8	11/12/1997	U	0.19	Methyl
	GPT8	11/12/1997	U	0.29	Bromacil
	GPT8	11/12/1997	U	0.095	Butylate
					Chlorpyrifos
	GPT8	11/12/1997	U	0.095	Ethyl
					Chlorpyrifos
	GPT8	11/12/1997	U	0.095	Methyl
	GPT8	11/12/1997	U	0.095	Diazinon
	GPT8	11/12/1997	U	0.048	Ethion

Deep Wells (22-28 ft)

Station	ID	Date	LabCode	Value ug/l	Parameter
	GPT8	11/12/1997	U	0.0095	Gamma-BHC
	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	DDE-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	0.0095	Endosulfan I
	GPT8	11/12/1997	U	0.0095	Endosulfan II
					Endosulfan
	GPT8	11/12/1997	U	0.019	Endosulfan Sulfate
	GPT8	11/12/1997	U	0.019	Endrin
					Endrin
	GPT8	11/12/1997	U	0.019	Aldehyde
	GPT8	11/12/1997	U	0.0095	Heptachlor
	GPT8	11/12/1997	U	0.0095	Heptachlor Epoxide
	GPT8	11/12/1997	U	0.71	Toxaphene
	GPT8	11/12/1997	U	0.019	Chlorothalonil
	GPT8	11/12/1997	U		Oxadiazon
	GPT8	11/12/1997	U	0.29	Alachlor
	GPT8	11/12/1997	U	0.048	Ametryn
	GPT8	11/12/1997	U	0.048	Atrazine
					Azinphos
	GPT8	11/12/1997	U	0.19	Azinphos Methyl
	GPT8	11/12/1997	U	0.29	Bromacil
	GPT8	11/12/1997	U	0.095	Butylate
					Chlorpyrifos
	GPT8	11/12/1997	U	0.095	Chlorpyrifos Ethyl
					Chlorpyrifos
	GPT8	11/12/1997	U	0.095	Chlorpyrifos Methyl
	GPT8	11/12/1997	U	0.095	Diazinon
	GPT8	11/12/1997	U	0.048	Ethion

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Shallow Wells (8-12 ft)

Station	ID	Date	LabCode	Value ug/l	Parameter
	GPT8	11/12/1997	U	0.094	Ethoprop
	GPT8	11/12/1997	U	0.29	Fenamiphos
	GPT8	11/12/1997	U	0.095	Fonofos
	GPT8	11/12/1997	U	0.14	Malathion
	GPT8	11/12/1997	U	0.57	Metalaxyl
	GPT8	11/12/1997	U	0.48	Metolachlor
	GPT8	11/12/1997	U	0.19	Metribuzin
	GPT8	11/12/1997	U	0.24	Mevinphos
	GPT8	11/12/1997	U	0.76	Naled
					Parathion
	GPT8	11/12/1997	U	0.095	Methyl Parathion
					Ethyl Parathion
	GPT8	11/12/1997	U	0.095	Ethyl Parathion
	GPT8	11/12/1997	U	0.095	Phorate
	GPT8	11/12/1997	U	0.095	Prometryn
	GPT8	11/12/1997	U	0.048	Simazine
	GPT8	11/12/1997	U	0.29	Prodiamine
	GPML	11/12/1997	U	0.0096	Aldrin
	GPML	11/12/1997	U	0.0096	Alpha-BHC
	GPML	11/12/1997	U	0.019	Beta-BHC
	GPML	11/12/1997	U	0.0096	Delta-BHC
	GPML	11/12/1997	U	0.0096	Gamma-BHC
	GPML	11/12/1997	U	0.096	Chlordane
	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	DDT-p,p'
	GPML	11/12/1997	U	0.019	Dieldrin
	GPML	11/12/1997	U	0.0096	Endosulfan I
	GPML	11/12/1997	U	0.0096	Endosulfan II
					Endosulfan
	GPML	11/12/1997	U	0.019	Sulfate

Deep Wells (22-28 ft)

Station	ID	Date	LabCode	Value ug/l	Parameter
	GPT8	11/12/1997	U	0.095	Ethoprop
	GPT8	11/12/1997	U	0.29	Fenamiphos
	GPT8	11/12/1997	U	0.095	Fonofos
	GPT8	11/12/1997	U	0.14	Malathion
	GPT8	11/12/1997	U	0.57	Metalaxyl
	GPT8	11/12/1997	U	0.48	Metolachlor
	GPT8	11/12/1997	U	0.19	Metribuzin
	GPT8	11/12/1997	U	0.24	Mevinphos
	GPT8	11/12/1997	U	0.76	Naled
					Parathion
	GPT8	11/12/1997	U	0.095	Parathion Methyl Parathion
					Ethyl Parathion
	GPT8	11/12/1997	U	0.095	Ethyl Parathion
	GPT8	11/12/1997	U	0.095	Phorate
	GPT8	11/12/1997	U	0.095	Prometryn
	GPT8	11/12/1997	U	0.048	Simazine
	GPT8	11/12/1997	U	0.29	Prodiamine
	GPML	11/12/1997	U	0.0095	Aldrin
	GPML	11/12/1997	U	0.0095	Alpha-BHC
	GPML	11/12/1997	U	0.019	Beta-BHC
	GPML	11/12/1997	U	0.0095	Delta-BHC
	GPML	11/12/1997	U	0.0095	Gamma-BHC
	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	DDE-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	0.0095	Endosulfan I
	GPML	11/12/1997	U	0.0095	Endosulfan II
					Endosulfan
	GPML	11/12/1997	U	0.019	Endosulfan Sulfate

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Shallow Wells (8-12 ft)

Station	ID	Date	LabCode	Value ug/l	Parameter
	GPML	11/12/1997	U	0.019	Endrin
	GPML	11/12/1997	U	0.019	Aldehyde
	GPML	11/12/1997	U	0.0096	Heptachlor
	GPML	11/12/1997	U	0.0096	Heptachlor Epoxide
	GPML	11/12/1997	U	0.72	Toxaphene
	GPML	11/12/1997	U	0.019	Chlorothalonil
	GPML	11/12/1997	U		Oxadiazon
	GPML	11/12/1997	U	0.29	Alachlor
	GPML	11/12/1997	U	0.048	Ametryn
	GPML	11/12/1997	U	0.048	Atrazine
	GPML	11/12/1997	U	0.19	Methyl Azinphos
	GPML	11/12/1997	U	0.29	Bromacil
	GPML	11/12/1997	U	0.096	Butylate
	GPML	11/12/1997	U	0.096	Chlorpyrifos E
	GPML	11/12/1997	U	0.096	Chlorpyrifos M
	GPML	11/12/1997	U	0.096	Diazinon
	GPML	11/12/1997	U	0.048	Ethion
	GPML	11/12/1997	U	0.096	Ethoprop
	GPML	11/12/1997	U	0.29	Fenamiphos
	GPML	11/12/1997	U	0.096	Fonofos
	GPML	11/12/1997	U	0.14	Malathion
	GPML	11/12/1997	U	0.58	Metalaxyl
	GPML	11/12/1997	U	0.48	Metolachlor
	GPML	11/12/1997	U	0.19	Metribuzin
	GPML	11/12/1997	U	0.24	Mevinphos
	GPML	11/12/1997	U	0.77	Naled
	GPML	11/12/1997	U	0.096	Parathion M
	GPML	11/12/1997	U	0.096	Parathion Ethyl
	GPML	11/12/1997	U	0.096	Phorate

Deep Wells (22-28 ft)

Station	ID	Date	LabCode	Value ug/l	Parameter
	GPML	11/12/1997	U	0.019	Endrin
	GPML	11/12/1997	U	0.019	Aldehyde
	GPML	11/12/1997	U	0.0095	Heptachlor
	GPML	11/12/1997	U	0.0095	Heptachlor Epoxide
	GPML	11/12/1997	U	0.71	Toxaphene
	GPML	11/12/1997	U	0.019	Chlorothalonil
	GPML	11/12/1997	U		Oxadiazon
	GPML	11/12/1997	U	0.29	Alachlor
	GPML	11/12/1997	U	0.048	Ametryn
	GPML	11/12/1997	U	0.048	Atrazine
	GPML	11/12/1997	U	0.19	Azinphos Methyl
	GPML	11/12/1997	U	0.29	Bromacil
	GPML	11/12/1997	U	0.095	Butylate
	GPML	11/12/1997	U	0.095	Chlorpyrifos Ethyl
	GPML	11/12/1997	U	0.095	Chlorpyrifos Methyl
	GPML	11/12/1997	U	0.095	Diazinon
	GPML	11/12/1997	U	0.048	Ethion
	GPML	11/12/1997	U	0.095	Ethoprop
	GPML	11/12/1997	U	0.29	Fenamiphos
	GPML	11/12/1997	U	0.095	Fonofos
	GPML	11/12/1997	U	0.14	Malathion
	GPML	11/12/1997	U	0.57	Metalaxyl
	GPML	11/12/1997	U	0.48	Metolachlor
	GPML	11/12/1997	U	0.19	Metribuzin
	GPML	11/12/1997	U	0.24	Mevinphos
	GPML	11/12/1997	U	0.76	Naled
	GPML	11/12/1997	U	0.095	Parathion Methyl
	GPML	11/12/1997	U	0.095	Parathion E
	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

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Field Data

Shallow Wells (8-12 ft)

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	Dissolved 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

Deep Wells (22-28 ft)

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	Dissolved 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

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Field Data

Shallow Wells (8-12 ft)

StationID	Date	Value	ParamID	Lab
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
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 Oxygen	Hydrolab
GCML	8/12/1997	na	Dissolved Oxygen	Hydrolab
GCT11	8/12/1997	na	Oxygen	Hydrolab
GCG13	8/12/1997	6.77	pH	Hydrolab
GCML	8/12/1997	na	pH	Hydrolab
GCT10	8/12/1997	na	pH	Hydrolab

Deep Wells (22-28 ft)

StationID	Date	Value	ParamID	Lab
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
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 Oxygen	Hydrolab
GCML	8/12/1997	na	Dissolved Oxygen	Hydrolab
GCT10	8/12/1997	na	Oxygen	Hydrolab
GCG13	8/12/1997	6.83	pH	Hydrolab
GCML	8/12/1997	na	pH	Hydrolab
GCT10	8/12/1997	na	pH	Hydrolab

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Field Data

Shallow Wells (8-12 ft)

StationID	Date	Value	ParamID	Lab
GCG13	8/12/1997	94	Redox	Hydrolab
GCML	8/12/1997	na	Redox	Hydrolab
GCT10	8/12/1997	na	Redox	Hydrolab
GCG13	8/12/1997	0.4	Salinity	Hydrolab
GCML	8/12/1997	na	Salinity	Hydrolab
GCT10	8/12/1997	na	Salinity	Hydrolab
GCG13	8/12/1997	27.61	Temperature	Hydrolab
GCML	8/12/1997	na	Temperature	Hydrolab
GCT10	8/12/1997	na	Temperature	Hydrolab
GCG13	11/13/1997	650	Conductivity	Hydrolab
GCML	11/13/1997	647	Conductivity	Hydrolab
GCT10	11/13/1997	738	Conductivity	Hydrolab
GCG13	11/13/1997	0.28	Dissolved Oxygen	Hydrolab
GCML	11/13/1997	0.23	Dissolved Oxygen	Hydrolab
GCT10	11/13/1997	0.25	Dissolved Oxygen	Hydrolab
GCG13	11/13/1997	6.76	pH	Hydrolab
GCML	11/13/1997	6.58	pH	Hydrolab
GCT10	11/13/1997	6.79	pH	Hydrolab
GCG13	11/13/1997	505	Redox	Hydrolab
GCML	11/13/1997	411	Redox	Hydrolab
GCT10	11/13/1997	550	Redox	Hydrolab
GCG13	11/13/1997	0.3	Salinity	Hydrolab
GCML	11/13/1997	0.3	Salinity	Hydrolab
GCT10	11/13/1997	0.4	Salinity	Hydrolab
GCG13	11/13/1997	25.3	Temperature	Hydrolab
GCML	11/13/1997	26.28	Temperature	Hydrolab
GCT10	11/13/1997	26.3	Temperature	Hydrolab

Deep Wells (22-28 ft)

StationID	Date	Value	ParamID	Lab
GCG13	8/12/1997	92	Redox	Hydrolab
GCML	8/12/1997	na	Redox	Hydrolab
GCT10	8/12/1997	na	Redox	Hydrolab
GCG13	8/12/1997	0.4	Salinity	Hydrolab
GCML	8/12/1997	na	Salinity	Hydrolab
GCT10	8/12/1997	na	Salinity	Hydrolab
GCG13	8/12/1997	26.64	Temperature	Hydrolab
GCML	8/12/1997	na	Temperature	Hydrolab
GCT10	8/12/1997	na	Temperature	Hydrolab
GCG13	11/13/1997	774	Conductivity	Hydrolab
GCML	11/13/1997	706	Conductivity	Hydrolab
GCT10	11/13/1997	577	Conductivity	Hydrolab
GCG13	11/13/1997	0.25	Dissolved Oxygen	Hydrolab
GCML	11/13/1997	0.31	Dissolved Oxygen	Hydrolab
GCT10	11/13/1997	0.31	Dissolved Oxygen	Hydrolab
GCG13	11/13/1997	6.89	pH	Hydrolab
GCML	11/13/1997	6.78	pH	Hydrolab
GCT10	11/13/1997	6.7	pH	Hydrolab
GCG13	11/13/1997	550	Redox	Hydrolab
GCML	11/13/1997	453	Redox	Hydrolab
GCT10	11/13/1997	493	Redox	Hydrolab
GCG13	11/13/1997	0.4	Salinity	Hydrolab
GCML	11/13/1997	0.4	Salinity	Hydrolab
GCT10	11/13/1997	0.3	Salinity	Hydrolab
GCG13	11/13/1997	25.39	Temperature	Hydrolab
GCML	11/13/1997	26.13	Temperature	Hydrolab
GCT10	11/13/1997	26.24	Temperature	Hydrolab

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Nutrients

Shallow Wells (8-12 ft)

StationID	Date	Value	ParamID	Lab
GCG13	2/27/1997	6.77	NOX-N	DERM
GCT10	2/27/1997	7.94	NOX-N	DERM
GCML	2/27/1997	11.23	NOX-N	DERM
GCG13	5/14/1997	5.38	NOX-N	PBS&J
GCT10	5/14/1997	6.47	NOX-N	PBS&J
GCML	5/14/1997	10.3	NOX-N	PBS&J
GCG13	8/12/1997	1.4	NOX-N	PBS&J
GCT10	8/12/1997	8.24	NOX-N	PBS&J
GCML	8/12/1997	4.65	NOX-N	PBS&J
GCG13	11/13/1997	0.11	NOX-N	PBS&J
GCT10	11/13/1997	9.24	NOX-N	PBS&J
GCML	11/13/1997	2.86	NOX-N	PBS&J
GCG13	2/27/1997	0.176	TPO4	DERM
GCML	2/27/1997	0.09	TPO4	DERM
GCT10	2/27/1997	0.322	TPO4	DERM
GCG13	5/14/1997	0.07(I)	TPO4	PBS&J
GCML	5/14/1997	0.07(I)	TPO4	PBS&J
GCT10	5/14/1997	0.34	TPO4	PBS&J
GCG13	8/12/1997	0.05(I)	TPO4	PBS&J
GCML	8/12/1997	0.04(I)	TPO4	PBS&J
GCT10	8/12/1997	0.48	TPO4	PBS&J
GCG13	11/13/1997	0.08(I)	TPO4	PBS&J
GCML	11/13/1997	0.04(I)	TPO4	PBS&J
GCT10	11/13/1997	0.53	TPO4	PBS&J

Deep Wells (22-28 ft)

StationID	Date	Value	ParamID	Lab
GCG13	2/27/1997	1.99	NOX-N	DERM
GCML	2/27/1997	3.25	NOX-N	DERM
GCT10	2/27/1997	3.28	NOX-N	DERM
GCG13	5/14/1997	2.04	NOX-N	PBS&J
GCT10	5/14/1997	2.83	NOX-N	PBS&J
GCML	5/14/1997	6.38	NOX-N	PBS&J
GCG13	8/12/1997	4.96	NOX-N	PBS&J
GCT10	8/12/1997	1.58	NOX-N	PBS&J
GCML	8/12/1997	ls	NOX-N	PBS&J
GCG13	11/13/1997	8.34	NOX-N	PBS&J
GCT10	11/13/1997	2.74	NOX-N	PBS&J
GCML	11/13/1997	0.4	NOX-N	PBS&J
GCG13	2/27/1997	0.646	TPO4	DERM
GCML	2/27/1997	0.027	TPO4	DERM
GCT10	2/27/1997	1.069	TPO4	DERM
GCG13	5/14/1997	0.09(I)	TPO4	PBS&J
GCML	5/14/1997	0.06(I)	TPO4	PBS&J
GCT10	5/14/1997	0.09(I)	TPO4	PBS&J
GCG13	8/12/1997	0.09	TPO4	PBS&J
GCT10	8/12/1997	0.04(I)	TPO4	PBS&J
GCML	8/12/1997	ls	TPO4	PBS&J
GCG13	11/13/1997	0.06(I)	TPO4	PBS&J
GCML	11/13/1997	0.03(I)	TPO4	PBS&J
GCT10	11/13/1997	0.07(I)	TPO4	PBS&J

Arsenic

Shallow Wells (8-12 ft)

StationID	Date	Value	ParamID	Lab
GCG13	2/27/1997	17	Arsenic	FDEP
GCG13	5/14/1997	12.1	Arsenic	FDEP

Deep Wells (22-28 ft)

StationID	Date	Value	ParamID	Lab
GCG13	2/27/1997	2(U)	Arsenic	FDEP
GCG13	5/14/1997	2(U)	Arsenic	FDEP

Arsenic

Shallow Wells (8-12 ft)

StationID	Date	Value	ParamID	Lab
GCG13	8/12/1997	12	Arsenic	FDEP
GCG13	11/13/1997	15	Arsenic	FDEP
GCML	2/27/1997	27	Arsenic	FDEP
GCML	5/14/1997	31.6	Arsenic	FDEP
GCML	8/12/1997	29	Arsenic	FDEP
GCML	11/13/1997	31	Arsenic	FDEP
GCT10	2/27/1997	83	Arsenic	FDEP
GCT10	5/14/1997	86	Arsenic	FDEP
GCT10	8/12/1997	121	Arsenic	FDEP
GCT10	11/13/1997	123	Arsenic	FDEP

Deep Wells (22-28 ft)

StationID	Date	Value	ParamID	Lab
GCG13	8/12/1997	2(U)	Arsenic	FDEP
GCG13	11/13/1997	4(I)	Arsenic	FDEP
GCML	2/27/1997	2(U)	Arsenic	FDEP
GCML	5/14/1997	2(U)	Arsenic	FDEP
GCML	8/12/1997	2(U)	Arsenic	FDEP
GCML	11/13/1997	3(U)	Arsenic	FDEP
GCT10	2/27/1997	4(I)	Arsenic	FDEP
GCT10	5/14/1997	2(U)	Arsenic	FDEP
GCT10	8/12/1997	2(I)	Arsenic	FDEP
GCT10	11/13/1997	3(I)	Arsenic	FDEP

Pesticide

Shallow Wells (8-12 ft)

Station	ID	Date	LabCode	Value	Parameter
	GCML	2/27/1997	U	0.3	Alachlor
	GCML	2/27/1997	U	0.05	Ametryn
	GCML	2/27/1997	U	0.05	Atrazine
	GCML	2/27/1997	U	0.2	Azinphos Methyl
	GCML	2/27/1997	U	0.3	Bromacil
	GCML	2/27/1997	U	0.1	Butylate
	GCML	2/27/1997	U	0.1	Chlorpyrifos
	GCML	2/27/1997	U	0.1	Ethyl
	GCML	2/27/1997	U	0.1	Chlorpyrifos Methyl
	GCML	2/27/1997	U	0.1	Diazinon
	GCML	2/27/1997	U	0.05	Ethion
	GCML	2/27/1997	U	0.1	Ethoprop
	GCML	2/27/1997	U	0.3	Fenamiphos
	GCML	2/27/1997	U	0.1	Fonofos
	GCML	2/27/1997	U	0.15	Malathion
	GCML	2/27/1997	U	0.6	Metalaxyl
	GCML	2/27/1997	U	0.5	Metolachlor

Deep Wells (22-28 ft)

Station	ID	Date	LabCode	Value	Parameter
	GCML	2/27/1997	U	0.29	Alachlor
	GCML	2/27/1997	U	0.048	Ametryn
	GCML	2/27/1997	U	0.048	Atrazine
	GCML	2/27/1997	U	0.19	Azinphos Methyl
	GCML	2/27/1997	U	0.29	Bromacil
	GCML	2/27/1997	U	0.095	Butylate
	GCML	2/27/1997	U	0.095	Chlorpyrifos Ethyl
	GCML	2/27/1997	U	0.095	Chlorpyrifos Methyl
	GCML	2/27/1997	U	0.095	Diazinon
	GCML	2/27/1997	U	0.048	Ethion
	GCML	2/27/1997	U	0.095	Ethoprop
	GCML	2/27/1997	U	0.29	Fenamiphos
	GCML	2/27/1997	U	0.095	Fonofos
	GCML	2/27/1997	U	0.14	Malathion
	GCML	2/27/1997	U	0.57	Metalaxyl
	GCML	2/27/1997	U	0.48	Metolachlor

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Pesticides

Shallow Wells (8-12 ft)

Station	Date	LabCode	Value
GCML	2/27/1997	U	0.2
GCML	2/27/1997	U	0.25
GCML	2/27/1997	U	0.8
GCML	2/27/1997	U	0.1
GCML	2/27/1997	U	0.1
GCML	2/27/1997	U	0.1
GCML	2/27/1997	U	0.1
GCML	2/27/1997	U	0.05
GCML	2/27/1997	U	0.25
GCML	2/27/1997	U	0.01
GCML	2/27/1997	U	0.01
GCML	2/27/1997	U	0.02
GCML	2/27/1997	U	0.01
GCML	2/27/1997	U	0.01
GCML	2/27/1997	U	0.03
GCML	2/27/1997	U	0.1
GCML	2/27/1997	U	0.02
GCML	2/27/1997	U	0.02
GCML	2/27/1997	U	0.02
GCML	2/27/1997	U	0.02
GCML	2/27/1997	U	0.02
GCML	2/27/1997	U	0.02
GCML	2/27/1997	U	0.02
GCML	2/27/1997	U	0.02
GCML	2/27/1997	U	0.01
GCML	2/27/1997	U	0.01
GCML	2/27/1997	U	0.02
GCML	2/27/1997	U	0.02
GCML	2/27/1997	U	0.02
GCML	2/27/1997	U	0.01
GCML	2/27/1997	U	0.01
GCML	2/27/1997	U	0.02
GCML	2/27/1997	U	0.01
GCML	2/27/1997	U	0.01

Deep Wells (22-28 ft)

Station	Date	LabCode	Value	Parameter
GCML	2/27/1997	U	0.19	Metribuzin
GCML	2/27/1997	U	0.24	Mevinphos
GCML	2/27/1997	U	0.76	Naled
GCML	2/27/1997	U	0.095	Parathion Methyl
GCML	2/27/1997	U	0.095	Parathion Ethyl
GCML	2/27/1997	U	0.095	Phorate
GCML	2/27/1997	U	0.095	Prometryn
GCML	2/27/1997	U	0.048	Simazine
GCML	2/27/1997	U	0.24	Prodiamine
GCML	2/27/1997	U	0.0095	Aldrin
GCML	2/27/1997	U	0.0095	Alpha-BHC
GCML	2/27/1997	U	0.019	Beta-BHC
GCML	2/27/1997	U	0.0095	Delta-BHC
GCML	2/27/1997	U	0.0095	Gamma-BHC
GCML	2/27/1997	U	0.029	Carbophenothion
GCML	2/27/1997	U	0.095	Chlordane
GCML	2/27/1997	U	0.019	Chlorothalonil
GCML	2/27/1997	U	0.019	DDD-p,p'
GCML	2/27/1997	U	0.019	DDE-p,p'
GCML	2/27/1997	U	0.019	DDT-p,p'
GCML	2/27/1997	U	0.019	Dicofol
GCML	2/27/1997	U	0.019	Dieldrin
GCML	2/27/1997	U	0.0095	Endosulfan I
GCML	2/27/1997	U	0.0095	Endosulfan II
GCML	2/27/1997	U	0.019	Endosulfan Sulfate
GCML	2/27/1997	U	0.019	Endrin
GCML	2/27/1997	U	0.019	Endrin
GCML	2/27/1997	U	0.019	Endrin Aldehyde
GCML	2/27/1997	U	0.0095	Heptachlor
GCML	2/27/1997	U	0.0095	Heptachlor Epoxide

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Pesticide

Shallow Wells (8-12 ft)

Station

ID	Date	LabCode	Value
GCML	2/27/1997	U	0.05
GCML	2/27/1997	U	0.02
GCML	2/27/1997	U	0.75
GCML	2/27/1997	U	0.02
GCML	2/27/1997	U	0.2
GCML	2/27/1997	U	0.2
GCML	2/27/1997	U	0.2
GCML	2/27/1997	U	0.2
GCML	2/27/1997	U	0.2
GCML	2/27/1997	U	0.2
GCML	2/27/1997	U	0.2
GCML	2/27/1997	U	0.2
GCML	2/27/1997	U	0.04
GCT10	2/27/1997	U	0.0094
GCT10	2/27/1997	U	0.0094
GCT10	2/27/1997	U	0.019
GCT10	2/27/1997	U	0.0094
GCT10	2/27/1997	U	0.0094
GCT10	2/27/1997	U	0.028
GCT10	2/27/1997	I	0.69
GCT10	2/27/1997	U	0.019
GCT10	2/27/1997	U	0.019
GCT10	2/27/1997	U	0.019
GCT10	2/27/1997	U	0.019
GCT10	2/27/1997	U	0.019
GCT10	2/27/1997	U	0.49
GCT10	2/27/1997	U	0.0094
GCT10	2/27/1997	U	0.0094
GCT10	2/27/1997	U	0.019
GCT10	2/27/1997	U	0.019
GCT10	2/27/1997	U	0.019

Deep Wells (22-28 ft)

Station

ID	Date	LabCode	Value	Parameter
GCML	2/27/1997	U	0.048	Methoxychlor
GCML	2/27/1997	U	0.019	Mirex
GCML	2/27/1997	U	0.71	Toxaphene
GCML	2/27/1997	U	0.019	Trifluralin/Benfluralin
GCML	2/27/1997	U	0.19	PCB-1016
GCML	2/27/1997	U	0.19	PCB-1221
GCML	2/27/1997	U	0.19	PCB-1232
GCML	2/27/1997	U	0.19	PCB-1242
GCML	2/27/1997	U	0.19	PCB-1248
GCML	2/27/1997	U	0.19	PCB-1254
GCML	2/27/1997	U	0.19	PCB-1260
GCML	2/27/1997	U		Oxadiazon
GCT10	2/27/1997	U	0.0097	Aldrin
GCT10	2/27/1997	U	0.0097	Alpha-BHC
GCT10	2/27/1997	U	0.019	Beta-BHC
GCT10	2/27/1997	U	0.0097	Delta-BHC
GCT10	2/27/1997	U	0.0097	Gamma-BHC
GCT10	2/27/1997	U	0.029	Carbophenothion
GCT10	2/27/1997	U	0.097	Chlordane
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	DDE-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	Dieldrin
GCT10	2/27/1997	U	0.0097	Endosulfan I
GCT10	2/27/1997	U	0.0097	Endosulfan II
GCT10	2/27/1997	U		Endosulfan
GCT10	2/27/1997	U	0.019	Sulfate
GCT10	2/27/1997	U	0.019	Endrin
GCT10	2/27/1997	U	0.019	Endrin Aldehyde

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Shallow Wells (8-12 ft)

Station

ID	Date	LabCode	Value
GCT10	2/27/1997	U	0.0094
GCT10	2/27/1997	I	0.015
GCT10	2/27/1997	U	0.019
GCT10	2/27/1997	U	0.019
GCT10	2/27/1997	U	0.019
GCT10	2/27/1997	U	0.019
GCT10	2/27/1997	J	0.14
GCT10	2/27/1997	U	0.019
GCT10	2/27/1997	I	0.91
GCT10	2/27/1997	U	0.019
GCT10	2/27/1997	U	0.019
GCT10	2/27/1997	U	0.019
GCT10	2/27/1997	U	0.019
GCT10	2/27/1997	U	0.28
GCT10	2/27/1997	U	0.047
GCT10	2/27/1997	U	0.047
GCT10	2/27/1997	U	0.19
GCT10	2/27/1997	U	0.28
GCT10	2/27/1997	U	0.094
GCT10	2/27/1997	U	0.094
GCT10	2/27/1997	U	0.094
GCT10	2/27/1997	U	0.047
GCT10	2/27/1997	U	0.094
GCT10	2/27/1997	U	0.28
GCT10	2/27/1997	U	0.094
GCT10	2/27/1997	U	0.14
GCT10	2/27/1997	U	0.57
GCT10	2/27/1997	U	0.47

Deep Wells (22-28 ft)

Station

ID	Date	LabCode	Value	Parameter
GCT10	2/27/1997	U	0.0097	Heptachlor
GCT10	2/27/1997	U	0.0097	Heptachlor Epoxide
GCT10	2/27/1997	U	0.19	PCB-1242
GCT10	2/27/1997	U	0.19	PCB-1248
GCT10	2/27/1997	U	0.19	PCB-1254
GCT10	2/27/1997	U	0.19	PCB-1260
GCT10	2/27/1997	U		Oxadiazon
GCT10	2/27/1997	U	0.019	Mirex
GCT10	2/27/1997	U	0.73	Toxaphene
GCT10	2/27/1997	U	0.019	Trifluralin/Benfluralin
GCT10	2/27/1997	U	0.19	PCB-1016
GCT10	2/27/1997	U	0.19	PCB-1221
GCT10	2/27/1997	U	0.19	PCB-1232
GCT10	2/27/1997	U	0.29	Alachlor
GCT10	2/27/1997	U	0.049	Ametryn
GCT10	2/27/1997	U	0.049	Atrazine
GCT10	2/27/1997	U	0.19	Azinphos Methyl
GCT10	2/27/1997	U	0.29	Bromacil
GCT10	2/27/1997	U	0.097	Butylate
GCT10	2/27/1997	U		Chlorpyrifos
GCT10	2/27/1997	U	0.097	Ethyl
GCT10	2/27/1997	U	0.097	Chlorpyrifos Methyl
GCT10	2/27/1997	U	0.097	Diazinon
GCT10	2/27/1997	U	0.049	Ethion
GCT10	2/27/1997	U	0.097	Ethoprop
GCT10	2/27/1997	U	0.29	Fenamiphos
GCT10	2/27/1997	U	0.097	Fonofos
GCT10	2/27/1997	U	0.15	Malathion
GCT10	2/27/1997	U	0.58	Metalaxyl
GCT10	2/27/1997	U	0.49	Metolachlor

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Shallow Wells (8-12 ft)

Station

ID	Date	LabCode	Value
GCT10	2/27/1997	U	0.19
GCT10	2/27/1997	U	0.24
GCT10	2/27/1997	U	0.75
GCT10	2/27/1997	U	0.094
GCT10	2/27/1997	U	0.094
GCT10	2/27/1997	U	0.094
GCT10	2/27/1997	U	0.094
GCT10	2/27/1997	U	0.047
GCT10	2/27/1997	U	0.24
GCG13	2/27/1997	U	0.0095
GCG13	2/27/1997	U	0.0095
GCG13	2/27/1997	U	0.019
GCG13	2/27/1997	U	0.0095
GCG13	2/27/1997	U	0.0095
GCG13	2/27/1997	U	0.029
GCG13	2/27/1997	U	0.095
GCG13	2/27/1997	U	0.019
GCG13	2/27/1997	U	0.019
GCG13	2/27/1997	U	0.019
GCG13	2/27/1997	U	0.019
GCG13	2/27/1997	U	0.019
GCG13	2/27/1997	U	0.019
GCG13	2/27/1997	U	0.0095
GCG13	2/27/1997	U	0.0095
GCG13	2/27/1997	U	0.019
GCG13	2/27/1997	U	0.019
GCG13	2/27/1997	U	0.0095
GCG13	2/27/1997	U	0.0095

Deep Wells (22-28 ft)

Station

ID	Date	LabCode	Value	Parameter
GCT10	2/27/1997	U	0.19	Metribuzin
GCT10	2/27/1997	U	0.24	Mevinphos
GCT10	2/27/1997	U	0.78	Naled
GCT10	2/27/1997	U	0.097	Parathion Methyl
GCT10	2/27/1997	U	0.097	Parathion Ethyl
GCT10	2/27/1997	U	0.097	Phorate
GCT10	2/27/1997	U	0.097	Prometryn
GCT10	2/27/1997	U	0.049	Simazine
GCG13	2/27/1997	U	0.01	Aldrin
GCG13	2/27/1997	U	0.01	Alpha-BHC
GCG13	2/27/1997	U	0.02	Beta-BHC
GCG13	2/27/1997	U	0.01	Delta-BHC
GCG13	2/27/1997	U	0.01	Gamma-BHC
GCG13	2/27/1997	U	0.03	Carbophenothion
GCG13	2/27/1997	U	0.1	Chlordane
GCG13	2/27/1997	U	0.02	Chlorothalonil
GCG13	2/27/1997	U	0.02	DDD-p,p'
GCG13	2/27/1997	U	0.02	DDE-p,p'
GCG13	2/27/1997	U	0.02	DDT-p,p'
GCG13	2/27/1997	U	0.02	Dicofol
GCG13	2/27/1997	U	0.02	Dieldrin
GCG13	2/27/1997	U	0.01	Endosulfan I
GCG13	2/27/1997	U	0.01	Endosulfan II
GCG13	2/27/1997	U	0.02	Endosulfan Sulfate
GCG13	2/27/1997	U	0.02	Endrin
GCG13	2/27/1997	U	0.02	Endrin
GCG13	2/27/1997	U	0.02	Aldehyde
GCG13	2/27/1997	U	0.01	Heptachlor
GCG13	2/27/1997	U	0.01	Heptachlor Epoxide
GCG13	2/27/1997	U	0.05	Methoxychlor

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Shallow Wells (8-12 ft)

Station

ID	Date	LabCode	Value
GCG13	2/27/1997	U	0.048
GCG13	2/27/1997	U	0.019
GCG13	2/27/1997	U	0.71
GCG13	2/27/1997	U	0.019
GCG13	2/27/1997	U	0.19
GCG13	2/27/1997	U	0.19
GCG13	2/27/1997	U	0.19
GCG13	2/27/1997	U	0.19
GCG13	2/27/1997	U	0.19
GCG13	2/27/1997	U	0.19
GCG13	2/27/1997	U	0.19
GCG13	2/27/1997	U	0.19
GCG13	2/27/1997	U	0.19
GCG13	2/27/1997	U	0.06
GCG13	2/27/1997	U	0.29
GCG13	2/27/1997	U	0.048
GCG13	2/27/1997	U	0.048
GCG13	2/27/1997	U	0.19
GCG13	2/27/1997	U	0.29
GCG13	2/27/1997	U	0.095
GCG13	2/27/1997	U	0.095
GCG13	2/27/1997	U	0.095
GCG13	2/27/1997	U	0.059
GCG13	2/27/1997	U	0.048
GCG13	2/27/1997	U	0.095
GCG13	2/27/1997	U	0.29
GCG13	2/27/1997	U	0.095
GCG13	2/27/1997	U	0.14
GCG13	2/27/1997	I	0.87
GCG13	2/27/1997	U	0.48
GCG13	2/27/1997	U	0.19
GCG13	2/27/1997	U	0.24

Deep Wells (22-28 ft)

Station

ID	Date	LabCode	Value	Parameter
GCG13	2/27/1997	U	0.02	Mirex
GCG13	2/27/1997	U	0.75	Toxaphene
GCG13	2/27/1997	U	0.02	Trifluralin/Benfluralin
GCG13	2/27/1997	U	0.2	PCB-1016
GCG13	2/27/1997	U	0.2	PCB-1221
GCG13	2/27/1997	U	0.2	PCB-1232
GCG13	2/27/1997	U	0.2	PCB-1242
GCG13	2/27/1997	U	0.2	PCB-1248
GCG13	2/27/1997	U	0.2	PCB-1254
GCG13	2/27/1997	U	0.2	PCB-1260
GCG13	2/27/1997	I	0.043	Oxadiazon
GCG13	2/27/1997	U	0.3	Alachlor
GCG13	2/27/1997	U	0.05	Ametryn
GCG13	2/27/1997	U	0.05	Atrazine
GCG13	2/27/1997	U	0.2	Azinphos Methyl
GCG13	2/27/1997	U	0.3	Bromacil
GCG13	2/27/1997	U	0.1	Butylate
GCG13	2/27/1997	U	0.1	Chlorpyrifos Ethyl
GCG13	2/27/1997	U	0.1	Chlorpyrifos Methyl
GCG13	2/27/1997	U	0.1	Diazinon
GCG13	2/27/1997	U	0.05	Ethion
GCG13	2/27/1997	U	0.1	Ethoprop
GCG13	2/27/1997	U	0.3	Fenamiphos
GCG13	2/27/1997	U	0.1	Fonofos
GCG13	2/27/1997	U	0.15	Malathion
GCG13	2/27/1997	U	0.6	Metalaxyl
GCG13	2/27/1997	U	0.5	Metolachlor
GCG13	2/27/1997	U	0.2	Metribuzin
GCG13	2/27/1997	U	0.25	Mevinphos
GCG13	2/27/1997	U	0.8	Naled

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Shallow Wells (8-12 ft)

Station

ID	Date	LabCode	Value	Parameter
GCG13	2/27/1997	U	0.76	Naled
GCG13	2/27/1997	U	0.095	Parathion Methyl
GCG13	2/27/1997	U	0.095	Parathion Ethyl
GCG13	2/27/1997	U	0.095	Phorate
GCG13	2/27/1997	U	0.095	Prometryn
GCG13	2/27/1997	U	0.048	Simazine
GCG13	2/27/1997	U	0.24	Prodiamine
GCG13	5/14/1997	U	0.0095	Aldrin
GCG13	5/14/1997	U	0.0095	Alpha-BHC
GCG13	5/14/1997	U	0.019	Beta-BHC
GCG13	5/14/1997	U	0.0095	Delta-BHC
GCG13	5/14/1997	U	0.0095	Gamma-BHC
GCG13	5/14/1997	U	0.029	Carbophenothion
GCG13	5/14/1997	U	0.095	Chlordane
GCG13	5/14/1997	U	0.019	Chlorothalonil
GCG13	5/14/1997	U	0.019	DDD-p,p'
GCG13	5/14/1997	U	0.019	DDE-p,p'
GCG13	5/14/1997	U	0.019	DDT-p,p'
GCG13	5/14/1997	U	0.019	Dicofol
GCG13	5/14/1997	U	0.019	Dieldrin
GCG13	5/14/1997	U	0.0095	Endosulfan I
GCG13	5/14/1997	U	0.0095	Endosulfan II
GCG13	5/14/1997	U	0.019	Endosulfan Sulfate
GCG13	5/14/1997	U	0.019	Endrin
GCG13	5/14/1997	U	0.019	Endrin Aldehyde
GCG13	5/14/1997	U	0.0095	Heptachlor
GCG13	5/14/1997	U	0.0095	Heptachlor Epoxide
GCG13	5/14/1997	U	0.048	Methoxychlor
GCG13	5/14/1997	U	0.019	Mirex

Deep Wells (22-28 ft)

Station

ID	Date	LabCode	Value	Parameter
GCG13	2/27/1997	U	0.1	Parathion Methyl
GCG13	2/27/1997	U	0.1	Parathion Ethyl
GCG13	2/27/1997	U	0.1	Phorate
GCG13	2/27/1997	U	0.1	Prometryn
GCG13	2/27/1997	U	0.05	Simazine
GCG13	2/27/1997	U	0.25	Prodiamine
GCG13	5/14/1997	U	0.01	Aldrin
GCG13	5/14/1997	U	0.01	Alpha-BHC
GCG13	5/14/1997	U	0.02	Beta-BHC
GCG13	5/14/1997	U	0.01	Delta-BHC
GCG13	5/14/1997	U	0.01	Gamma-BHC
GCG13	5/14/1997	U	0.03	Carbophenothion
GCG13	5/14/1997	U	0.1	Chlordane
GCG13	5/14/1997	U	0.02	Chlorothalonil
GCG13	5/14/1997	U	0.02	DDD-p,p'
GCG13	5/14/1997	U	0.02	DDE-p,p'
GCG13	5/14/1997	U	0.02	DDT-p,p'
GCG13	5/14/1997	U	0.02	Dicofol
GCG13	5/14/1997	U	0.02	Dieldrin
GCG13	5/14/1997	U	0.01	Endosulfan I
GCG13	5/14/1997	U	0.01	Endosulfan II
GCG13	5/14/1997	U	0.02	Endosulfan Sulfate
GCG13	5/14/1997	U	0.02	Endrin
GCG13	5/14/1997	U	0.02	Endrin Aldehyde
GCG13	5/14/1997	U	0.01	Heptachlor
GCG13	5/14/1997	U	0.01	Heptachlor Epoxide
GCG13	5/14/1997	U	0.051	Methoxychlor
GCG13	5/14/1997	U	0.02	Mirex

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Shallow Wells (8-12 ft)

Station

ID	Date	LabCode	Value
GCG13	5/14/1997	U	0.71
GCG13	5/14/1997	U	0.019
GCG13	5/14/1997	U	0.19
GCG13	5/14/1997	U	0.19
GCG13	5/14/1997	U	0.19
GCG13	5/14/1997	U	0.19
GCG13	5/14/1997	U	0.19
GCG13	5/14/1997	U	0.19
GCG13	5/14/1997	U	0.19
GCG13	5/14/1997	U	0.19
GCG13	5/14/1997	U	0.061
GCG13	5/14/1997	U	0.29
GCG13	5/14/1997	U	0.048
GCG13	5/14/1997	U	0.048
GCG13	5/14/1997	U	0.19
GCG13	5/14/1997	U	0.29
GCG13	5/14/1997	U	0.095
GCG13	5/14/1997	U	0.095
GCG13	5/14/1997	U	0.095
GCG13	5/14/1997	U	0.048
GCG13	5/14/1997	U	0.095
GCG13	5/14/1997	U	0.29
GCG13	5/14/1997	U	0.095
GCG13	5/14/1997	U	0.14
GCG13	5/14/1997	I	1.5
GCG13	5/14/1997	U	0.48
GCG13	5/14/1997	U	0.19
GCG13	5/14/1997	U	0.24
GCG13	5/14/1997	U	0.76
GCG13	5/14/1997	U	0.095

Deep Wells (22-28 ft)

Station

ID	Date	LabCode	Value	Parameter
GCG13	5/14/1997	U	0.76	Toxaphene
GCG13	5/14/1997	U	0.02	Trifluralin/Benfluralin
GCG13	5/14/1997	U	0.2	PCB-1016
GCG13	5/14/1997	U	0.2	PCB-1221
GCG13	5/14/1997	U	0.2	PCB-1232
GCG13	5/14/1997	U	0.2	PCB-1242
GCG13	5/14/1997	U	0.2	PCB-1248
GCG13	5/14/1997	U	0.2	PCB-1254
GCG13	5/14/1997	U	0.2	PCB-1260
GCG13	5/14/1997	U	0.052	Oxadiazon
GCG13	5/14/1997	U	0.3	Alachlor
GCG13	5/14/1997	U	0.051	Ametryn
GCG13	5/14/1997	U	0.051	Atrazine
GCG13	5/14/1997	U	0.2	Azinphos Methyl
GCG13	5/14/1997	U	0.3	Bromacil
GCG13	5/14/1997	U	0.1	Butylate
GCG13	5/14/1997	U	0.1	Chlorpyrifos
GCG13	5/14/1997	U	0.1	Ethyl
GCG13	5/14/1997	U	0.1	Chlorpyrifos Methyl
GCG13	5/14/1997	U	0.1	Diazinon
GCG13	5/14/1997	U	0.051	Ethion
GCG13	5/14/1997	U	0.1	Ethoprop
GCG13	5/14/1997	U	0.3	Fenamiphos
GCG13	5/14/1997	U	0.1	Fonofos
GCG13	5/14/1997	U	0.15	Malathion
GCG13	5/14/1997	U	0.61	Metalaxyl
GCG13	5/14/1997	U	0.51	Metolachlor
GCG13	5/14/1997	U	0.2	Metribuzin
GCG13	5/14/1997	U	0.25	Mevinphos
GCG13	5/14/1997	U	0.81	Naled
GCG13	5/14/1997	U	0.1	Parathion Ethyl

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Shallow Wells (8-12 ft)

Station

ID	Date	LabCode	Value
GCG13	5/14/1997	U	0.095
GCG13	5/14/1997	U	0.095
GCG13	5/14/1997	U	0.095
GCG13	5/14/1997	U	0.095
GCG13	5/14/1997	U	0.095
GCG13	5/14/1997	U	0.048
GCG13	5/14/1997	U	
GCT10	5/14/1997	U	0.0094
GCT10	5/14/1997	U	0.0094
GCT10	5/14/1997	U	0.019
GCT10	5/14/1997	U	0.0094
GCT10	5/14/1997	U	0.0094
GCT10	5/14/1997	U	0.028
GCT10	5/14/1997	U	0.094
GCT10	5/14/1997	U	0.019
GCT10	5/14/1997	U	0.019
GCT10	5/14/1997	U	0.019
GCT10	5/14/1997	U	0.019
GCT10	5/14/1997	U	0.019
GCT10	5/14/1997	U	0.12
GCT10	5/14/1997	U	0.0094
GCT10	5/14/1997	U	0.0094
GCT10	5/14/1997	U	0.019
GCT10	5/14/1997	U	0.019
GCT10	5/14/1997	U	0.019
GCT10	5/14/1997	U	0.0094
GCT10	5/14/1997	U	0.0094
GCT10	5/14/1997	U	0.019
GCT10	5/14/1997	U	0.019
GCT10	5/14/1997	U	0.019
GCT10	5/14/1997	U	0.047
GCT10	5/14/1997	U	0.019

Deep Wells (22-28 ft)

Station

ID	Date	LabCode	Value	Parameter
GCG13	5/14/1997	U	0.1	Parathion Methyl
GCG13	5/14/1997	U	0.1	Phorate
GCG13	5/14/1997	U	0.1	Parathion Ethyl
GCG13	5/14/1997	U	0.1	Phorate
GCG13	5/14/1997	U	0.1	Prometryn
GCG13	5/14/1997	U	0.051	Simazine
GCG13	5/14/1997	U		Prodiamine
GCT10	5/14/1997	U	0.0096	Aldrin
GCT10	5/14/1997	U	0.0096	Alpha-BHC
GCT10	5/14/1997	U	0.019	Beta-BHC
GCT10	5/14/1997	U	0.0096	Delta-BHC
GCT10	5/14/1997	U	0.0096	Gamma-BHC
GCT10	5/14/1997	U	0.029	Carbophenothion
GCT10	5/14/1997	U	0.096	Chlordane
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	DDE-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	Dieldrin
GCT10	5/14/1997	U	0.0096	Endosulfan I
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	Endrin
GCT10	5/14/1997	U	0.019	Endrin
GCT10	5/14/1997	U	0.019	Endrin Aldehyde
GCT10	5/14/1997	U	0.0096	Heptachlor
GCT10	5/14/1997	U	0.0096	Heptachlor Epoxide
GCT10	5/14/1997	U	0.048	Methoxychlor
GCT10	5/14/1997	U	0.019	Mirex

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Pesticide

Shallow Wells (8-12 ft)

Station

ID	Date	LabCode	Value
GCT10	5/14/1997	U	0.71
GCT10	5/14/1997	U	0.019
GCT10	5/14/1997	U	0.19
GCT10	5/14/1997	U	0.19
GCT10	5/14/1997	U	0.19
GCT10	5/14/1997	U	0.19
GCT10	5/14/1997	U	0.19
GCT10	5/14/1997	U	0.19
GCT10	5/14/1997	U	0.19
GCT10	5/14/1997	U	0.19
GCT10	5/14/1997	U	0.064
GCT10	5/14/1997	U	0.28
GCT10	5/14/1997	U	0.047
GCT10	5/14/1997	U	0.047
GCT10	5/14/1997	U	0.19
GCT10	5/14/1997	U	0.094
GCT10	5/14/1997	U	0.094
GCT10	5/14/1997	U	0.094
GCT10	5/14/1997	U	0.094
GCT10	5/14/1997	U	0.047
GCT10	5/14/1997	U	0.094
GCT10	5/14/1997	U	0.28
GCT10	5/14/1997	U	0.094
GCT10	5/14/1997	U	0.14
GCT10	5/14/1997	U	0.57
GCT10	5/14/1997	U	0.47
GCT10	5/14/1997	U	0.19
GCT10	5/14/1997	U	0.24
GCT10	5/14/1997	U	0.75
GCT10	5/14/1997	U	0.094
GCT10	5/14/1997	U	0.094

Deep Wells (22-28 ft)

Station

ID	Date	LabCode	Value	Parameter
GCT10	5/14/1997	U	0.72	Toxaphene
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-1221
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-1248
GCT10	5/14/1997	U	0.19	PCB-1254
GCT10	5/14/1997	U	0.19	PCB-1260
GCT10	5/14/1997	U	0.0086	Oxadiazon
GCT10	5/14/1997	U	0.29	Alachlor
GCT10	5/14/1997	U	0.048	Ametryn
GCT10	5/14/1997	U	0.048	Atrazine
GCT10	5/14/1997	U	0.19	Azinphos Methyl
GCT10	5/14/1997	U	0.096	Butylate
GCT10	5/14/1997	U	0.096	Chlorpyrifos Ethyl
GCT10	5/14/1997	U	0.096	Chlorpyrifos Methyl
GCT10	5/14/1997	U	0.096	Diazinon
GCT10	5/14/1997	U	0.048	Ethion
GCT10	5/14/1997	U	0.096	Ethoprop
GCT10	5/14/1997	U	0.29	Fenamiphos
GCT10	5/14/1997	U	0.096	Fonofos
GCT10	5/14/1997	U	0.14	Malathion
GCT10	5/14/1997	U	0.58	Metalaxyl
GCT10	5/14/1997	U	0.48	Metolachlor
GCT10	5/14/1997	U	0.19	Metribuzin
GCT10	5/14/1997	U	0.24	Mevinphos
GCT10	5/14/1997	U	0.77	Naled
GCT10	5/14/1997	U	0.096	Parathion Methyl
GCT10	5/14/1997	U	0.096	Parathion Ethyl

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Pesticide

Shallow Wells (8-12 ft)

Station

ID	Date	LabCode	Value
GCT10	5/14/1997	U	0.094
GCT10	5/14/1997	U	0.094
GCT10	5/14/1997	U	0.047
GCT10	5/14/1997	U	
GCML	5/14/1997	U	0.01
GCML	5/14/1997	U	0.01
GCML	5/14/1997	U	0.02
GCML	5/14/1997	U	0.01
GCML	5/14/1997	U	0.01
GCML	5/14/1997	U	0.03
GCML	5/14/1997	U	0.1
GCML	5/14/1997	U	0.02
GCML	5/14/1997	U	0.02
GCML	5/14/1997	U	0.02
GCML	5/14/1997	U	0.02
GCML	5/14/1997	U	0.02
GCML	5/14/1997	U	0.01
GCML	5/14/1997	U	0.01
GCML	5/14/1997	U	0.02
GCML	5/14/1997	U	0.02
GCML	5/14/1997	U	0.01
GCML	5/14/1997	U	0.01
GCML	5/14/1997	U	0.051
GCML	5/14/1997	U	0.02
GCML	5/14/1997	U	0.76
GCML	5/14/1997	U	0.02
GCML	5/14/1997	U	0.2

Deep Wells (22-28 ft)

Station

ID	Date	LabCode	Value	Parameter
GCT10	5/14/1997	U	0.096	Phorate
GCT10	5/14/1997	U	0.096	Prometryn
GCT10	5/14/1997	U	0.048	Simazine
GCT10	5/14/1997	U		Prodiamine
GCML	5/14/1997	U	0.0097	Aldrin
GCML	5/14/1997	U	0.0097	Alpha-BHC
GCML	5/14/1997	U	0.019	Beta-BHC
GCML	5/14/1997	U	0.0097	Delta-BHC
GCML	5/14/1997	U	0.0097	Gamma-BHC
GCML	5/14/1997	U	0.029	Carbophenothion
GCML	5/14/1997	U	0.097	Chlordane
GCML	5/14/1997	U	0.019	Chlorothalonil
GCML	5/14/1997	U	0.019	DDD-p,p'
GCML	5/14/1997	U	0.019	DDE-p,p'
GCML	5/14/1997	U	0.019	DDT-p,p'
GCML	5/14/1997	U	0.019	Dicofol
GCML	5/14/1997	U	0.019	Dieldrin
GCML	5/14/1997	U	0.0097	Endosulfan I
GCML	5/14/1997	U	0.0097	Endosulfan II
GCML	5/14/1997	U	0.019	Endosulfan Sulfate
GCML	5/14/1997	U	0.019	Endrin
GCML	5/14/1997	U	0.019	Endrin
GCML	5/14/1997	U	0.019	Aldehyde
GCML	5/14/1997	U	0.0097	Heptachlor
GCML	5/14/1997	U	0.0097	Heptachlor Epoxide
GCML	5/14/1997	U	0.049	Methoxychlor
GCML	5/14/1997	U	0.019	Mirex
GCML	5/14/1997	U	0.73	Toxaphene
GCML	5/14/1997	U	0.019	Trifluralin/Benfluralin

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Pesticide

Shallow Wells (8-12 ft)

Station

ID	Date	LabCode	Value
GCML	5/14/1997	U	0.2
GCML	5/14/1997	U	0.2
GCML	5/14/1997	U	0.2
GCML	5/14/1997	U	0.2
GCML	5/14/1997	U	0.2
GCML	5/14/1997	U	0.2
GCML	5/14/1997	U	0.2
GCML	5/14/1997	U	0.2
GCML	5/14/1997	U	0.04
GCML	5/14/1997	U	0.3
GCML	5/14/1997	U	0.051
GCML	5/14/1997	U	0.051
GCML	5/14/1997	U	0.2
GCML	5/14/1997	U	0.3
GCML	5/14/1997	U	0.1
GCML	5/14/1997	U	0.1
GCML	5/14/1997	U	0.1
GCML	5/14/1997	U	0.1
GCML	5/14/1997	U	0.051
GCML	5/14/1997	U	0.1
GCML	5/14/1997	U	0.3
GCML	5/14/1997	U	0.1
GCML	5/14/1997	U	0.15
GCML	5/14/1997	U	0.61
GCML	5/14/1997	U	0.51
GCML	5/14/1997		1.6
GCML	5/14/1997	U	0.25
GCML	5/14/1997	U	0.81
GCML	5/14/1997	U	0.1
GCML	5/14/1997	U	0.1
GCML	5/14/1997	U	0.1
GCML	5/14/1997	U	0.1

Deep Wells (22-28 ft)

Station

ID	Date	LabCode	Value	Parameter
GCML	5/14/1997	U	0.19	PCB-1016
GCML	5/14/1997	U	0.19	PCB-1221
GCML	5/14/1997	U	0.19	PCB-1232
GCML	5/14/1997	U	0.19	PCB-1242
GCML	5/14/1997	U	0.19	PCB-1248
GCML	5/14/1997	U	0.19	PCB-1254
GCML	5/14/1997	U	0.19	PCB-1260
GCML	5/14/1997	T	0.018	Oxadiazon
GCML	5/14/1997	U	0.29	Alachlor
GCML	5/14/1997	U	0.049	Ametryn
GCML	5/14/1997	U	0.049	Atrazine
GCML	5/14/1997	U	0.19	Azinphos Methyl
GCML	5/14/1997	U	0.29	Bromacil
GCML	5/14/1997	U	0.097	Butylate
GCML	5/14/1997	U	0.097	Chlorpyrifos E
GCML	5/14/1997	U	0.097	Chlorpyrifos Methyl
GCML	5/14/1997	U	0.097	Diazinon
GCML	5/14/1997	U	0.049	Ethion
GCML	5/14/1997	U	0.097	Ethoprop
GCML	5/14/1997	U	0.29	Fenamiphos
GCML	5/14/1997	U	0.097	Fonofos
GCML	5/14/1997	U	0.15	Malathion
GCML	5/14/1997	U	0.58	Metalaxyl
GCML	5/14/1997	U	0.49	Metolachlor
GCML	5/14/1997	U	0.19	Metribuzin
GCML	5/14/1997	U	0.24	Mevinphos
GCML	5/14/1997	U	0.78	Naled
GCML	5/14/1997	U	0.097	Parathion Methyl
GCML	5/14/1997	U	0.097	Parathion Ethyl
GCML	5/14/1997	U	0.097	Phorate
GCML	5/14/1997	U	0.097	Prometryn

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Pesticide

Shallow Wells (8-12 ft)

Station

ID	Date	LabCode	Value
GCT10	8/12/1997	U	0.19
GCT10	8/12/1997	U	0.19
GCT10	8/12/1997	U	0.19
GCT10	8/12/1997	U	0.19
GCT10	8/12/1997	U	
GCT10	8/12/1997	U	0.29
GCT10	8/12/1997	U	0.048
GCT10	8/12/1997	U	0.048
GCT10	8/12/1997	U	0.19
GCT10	8/12/1997	U	0.29
GCT10	8/12/1997	U	0.095
GCT10	8/12/1997	U	
GCT10	8/12/1997	U	0.095
GCT10	8/12/1997	U	0.095
GCT10	8/12/1997	U	0.095
GCT10	8/12/1997	U	0.048
GCT10	8/12/1997	U	0.095
GCT10	8/12/1997	U	0.29
GCT10	8/12/1997	U	0.095
GCT10	8/12/1997	U	0.14
GCT10	8/12/1997	U	0.57
GCT10	8/12/1997	U	0.48
GCT10	8/12/1997	U	0.19
GCT10	8/12/1997	U	0.24
GCT10	8/12/1997	U	0.76
GCT10	8/12/1997	U	0.095
GCT10	8/12/1997	U	0.095
GCT10	8/12/1997	U	0.095
GCT10	8/12/1997	U	0.29
GCT10	8/12/1997	U	0.095
GCT10	8/12/1997	U	0.048

Deep Wells (22-28 ft)

Station

ID	Date	LabCode	Value	Parameter
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-1254
GCT10	8/12/1997	U	0.19	PCB-1260
GCT10	8/12/1997	U		Oxadiazon
GCT10	8/12/1997	U	0.29	Alachlor
GCT10	8/12/1997	U	0.048	Ametryn
GCT10	8/12/1997	U	0.048	Atrazine
GCT10	8/12/1997	U	0.19	Azinphos Methyl
GCT10	8/12/1997	U	0.29	Bromacil
GCT10	8/12/1997	U	0.095	Butylate
GCT10	8/12/1997	U		Chlorpyrifos
GCT10	8/12/1997	U	0.095	Ethyl
GCT10	8/12/1997	U	0.095	Chlorpyrifos Methyl
GCT10	8/12/1997	U	0.095	Diazinon
GCT10	8/12/1997	U	0.048	Ethion
GCT10	8/12/1997	U	0.095	Ethoprop
GCT10	8/12/1997	U	0.29	Fenamiphos
GCT10	8/12/1997	U	0.095	Fonofos
GCT10	8/12/1997	U	0.14	Malathion
GCT10	8/12/1997	U	0.57	Metalaxyl
GCT10	8/12/1997	U	0.48	Metolachlor
GCT10	8/12/1997	U	0.19	Metribuzin
GCT10	8/12/1997	U	0.24	Mevinphos
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 Ethyl
GCT10	8/12/1997	U	0.095	Phorate
GCT10	8/12/1997	U	0.29	Prodiamine
GCT10	8/12/1997	U	0.095	Prometryn
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
				Endosulfan					
GCG13	8/12/1997	U	0.019	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
									Endrin
GCG13	8/12/1997	U	0.019	Endrin Aldehyde	GCG13	8/12/1997	U	0.019	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

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Shallow Wells (8-12 ft)

Station

ID	Date	LabCode	Value
GCG13	8/12/1997	U	0.048
GCG13	8/12/1997	U	0.19
GCG13	8/12/1997	U	0.29
GCG13	8/12/1997	U	0.096
GCG13	8/12/1997	U	0.096
GCG13	8/12/1997	U	0.096
GCG13	8/12/1997	U	0.096
GCG13	8/12/1997	U	0.048
GCG13	8/12/1997	U	0.096
GCG13	8/12/1997	U	0.29
GCG13	8/12/1997	U	0.096
GCG13	8/12/1997	U	0.14
GCG13	8/12/1997	U	0.58
GCG13	8/12/1997	U	0.48
GCG13	8/12/1997	U	0.19
GCG13	8/12/1997	U	0.24
GCG13	8/12/1997	U	0.77
GCG13	8/12/1997	U	0.096
GCG13	8/12/1997	U	0.096
GCG13	8/12/1997	U	0.096
GCG13	8/12/1997	U	0.29
GCG13	8/12/1997	U	0.096
GCG13	8/12/1997	U	0.048
GCML	8/12/1997	U	0.0095
GCML	8/12/1997	U	0.0095
GCML	8/12/1997	U	0.019
GCML	8/12/1997	U	0.0095
GCML	8/12/1997	U	0.0095
GCML	8/12/1997	U	0.0095
GCML	8/12/1997	U	0.029
GCML	8/12/1997	U	0.095

Deep Wells (22-28 ft)

Station

ID	Date	LabCode	Value	Parameter
GCG13	8/12/1997	U	0.048	Atrazine
GCG13	8/12/1997	U	0.19	Azinphos Methyl
GCG13	8/12/1997	U	0.29	Bromacil
GCG13	8/12/1997	U	0.095	Chlorpyrifos
GCG13	8/12/1997	U	0.095	Ethyl
GCG13	8/12/1997	U	0.095	Butylate
GCG13	8/12/1997	U	0.095	Chlorpyrifos Methyl
GCG13	8/12/1997	U	0.095	Diazinon
GCG13	8/12/1997	U	0.048	Ethion
GCG13	8/12/1997	U	0.095	Ethoprop
GCG13	8/12/1997	U	0.29	Fenamiphos
GCG13	8/12/1997	U	0.095	Fonofos
GCG13	8/12/1997	U	0.14	Malathion
GCG13	8/12/1997	U	0.57	Metalaxyl
GCG13	8/12/1997	U	0.48	Metolachlor
GCG13	8/12/1997	U	0.19	Metribuzin
GCG13	8/12/1997	U	0.24	Mevinphos
GCG13	8/12/1997	U	0.76	Naled
GCG13	8/12/1997	U	0.095	Parathion Methyl
GCG13	8/12/1997	U	0.095	Parathion Ethyl
GCG13	8/12/1997	U	0.095	Phorate
GCG13	8/12/1997	U	0.29	Prodiamine
GCG13	8/12/1997	U	0.095	Prometryn
GCG13	8/12/1997	U	0.048	Simazine
GCML	8/12/1997	U	0.0095	Aldrin
GCML	8/12/1997	U	0.0095	Alpha-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	Gamma-BHC
GCML	8/12/1997	U	0.029	Carbophenothion
GCML	8/12/1997	U	0.095	Chlordane

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Shallow Wells (8-12 ft)

Station

ID	Date	LabCode	Value	Parameter
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	DDE-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	Dieldrin
GCML	8/12/1997	U	0.0095	Endosulfan I
GCML	8/12/1997	U	0.00595	Endosulfan II
				Endosulfan
GCML	8/12/1997	U	0.019	Sulfate
GCML	8/12/1997	U	0.019	Endrin
				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 Epoxide
GCML	8/12/1997	U	0.048	Methoxychlor
GCML	8/12/1997	U	0.019	Mirex
GCML	8/12/1997	U	0.71	Toxaphene
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-1221
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-1248
GCML	8/12/1997	U	0.19	PCB-1254
GCML	8/12/1997	U	0.19	PCB-1260
GCML	8/12/1997	U		Oxadiazon
GCML	8/12/1997	U	0.29	Alachlor
GCML	8/12/1997	U	0.048	Ametryn
GCML	8/12/1997	U	0.048	Atrazine
GCML	8/12/1997	U	0.19	Azinphos Methyl

Deep Wells (22-28 ft)

Station

ID	Date	LabCode	Value	Parameter
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	DDE-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	Dieldrin
GCML	8/12/1997	U	0.0095	Endosulfan I
GCML	8/12/1997	U	0.0095	Endosulfan II
				Endosulfan
GCML	8/12/1997	U	0.019	Endosulfan Sulfate
GCML	8/12/1997	U	0.019	Endrin
				Endrin
GCML	8/12/1997	U	0.019	Aldehyde
GCML	8/12/1997	U	0.0095	Heptachlor
GCML	8/12/1997	U	0.0095	Heptachlor Epoxide
GCML	8/12/1997	U	0.048	Methoxychlor
GCML	8/12/1997	U	0.019	Mirex
GCML	8/12/1997	U	0.71	Toxaphene
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-1221
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-1248
GCML	8/12/1997	U	0.19	PCB-1254
GCML	8/12/1997	U	0.19	PCB-1260
GCML	8/12/1997	U		Oxadiazon
GCML	8/12/1997	U	0.29	Alachlor
GCML	8/12/1997	U	0.048	Ametryn
GCML	8/12/1997	U	0.048	Atrazine
GCML	8/12/1997	U	0.19	Azinphos Methyl

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Shallow Wells (8-12 ft)

Station

ID	Date	LabCode	Value
GCML	8/12/1997	U	0.29
GCML	8/12/1997	U	0.095
GCML	8/12/1997	U	0.095
GCML	8/12/1997		1.3
GCML	8/12/1997	U	0.095
GCML	8/12/1997	U	0.048
GCML	8/12/1997	U	0.095
GCML	8/12/1997	U	0.29
GCML	8/12/1997	U	0.095
GCML	8/12/1997	U	0.14
GCML	8/12/1997	U	0.57
GCML	8/12/1997	U	0.48
GCML	8/12/1997	U	0.19
GCML	8/12/1997	U	0.24
GCML	8/12/1997	U	0.76
GCML	8/12/1997	U	0.095
GCML	8/12/1997	U	0.095
GCML	8/12/1997	U	0.095
GCML	8/12/1997	U	0.29
GCML	8/12/1997	U	0.095
GCML	8/12/1997	U	0.048
GCT10	11/13/1997	U	0.0095
GCT10	11/13/1997	U	0.0095
GCT10	11/13/1997	U	0.019
GCT10	11/13/1997	U	0.0095
GCT10	11/13/1997	U	0.0095
GCT10	11/13/1997	U	0.095
GCT10	11/13/1997	U	0.019
GCT10	11/13/1997	U	0.019
GCT10	11/13/1997	U	0.019

Deep Wells (22-28 ft)

Station

ID	Date	LabCode	Value	Parameter
GCML	8/12/1997	U	0.29	Bromacil
GCML	8/12/1997	U	0.095	Butylate
GCML	8/12/1997	U	0.095	Chlorpyrifos
GCML	8/12/1997	U	0.095	Ethyl
GCML	8/12/1997	U	0.095	Chlorpyrifos Methyl
GCML	8/12/1997	U	0.095	Diazinon
GCML	8/12/1997	U	0.048	Ethion
GCML	8/12/1997	U	0.095	Ethoprop
GCML	8/12/1997	U	0.29	Fenamiphos
GCML	8/12/1997	U	0.095	Fonofos
GCML	8/12/1997	U	0.14	Malathion
GCML	8/12/1997	U	0.57	Metalaxyl
GCML	8/12/1997	U	0.48	Metolachlor
GCML	8/12/1997	U	0.19	Metribuzin
GCML	8/12/1997	U	0.24	Mevinphos
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 Ethyl
GCML	8/12/1997	U	0.095	Phorate
GCML	8/12/1997	U	0.29	Prodiamine
GCML	8/12/1997	U	0.095	Prometryn
GCML	8/12/1997	U	0.048	Simazine
GCT10	11/13/1997	U	0.0096	Aldrin
GCT10	11/13/1997	U	0.0096	Alpha-BHC
GCT10	11/13/1997	U	0.019	Beta-BHC
GCT10	11/13/1997	U	0.0096	Delta-BHC
GCT10	11/13/1997	U	0.0096	Gamma-BHC
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	DDE-p,p'
GCT10	11/13/1997	U	0.019	DDT-p,p'

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Shallow Wells (8-12 ft)

Station	ID	Date	LabCode	Value	Parameter
	GCT10	11/13/1997		0.056	Dieldrin
	GCT10	11/13/1997	U	0.0095	Endosulfan I
	GCT10	11/13/1997	U	0.019	Endosulfan
	GCT10	11/13/1997	U	0.019	Sulfate
	GCT10	11/13/1997	U	0.0095	Endosulfan II
	GCT10	11/13/1997	U	0.019	Endrin
	GCT10	11/13/1997	U	0.0096	Heptaclor
	GCT10	11/13/1997	U	0.0096	Heptaclor
	GCT10	11/13/1997	U	0.019	Epoxide
	GCT10	11/13/1997	U	0.019	Endrin Aldehyde
	GCT10	11/13/1997	U	0.71	Toxaphene
	GCT10	11/13/1997	U	0.019	Chlorothalonil
	GCT10	11/13/1997	U	0.29	Alachlor
	GCT10	11/13/1997	U	0.048	Ametryn
	GCT10	11/13/1997	U	0.048	Atrazine
	GCT10	11/13/1997	U	0.19	Azinphos Methyl
	GCT10	11/13/1997	U	0.29	Bromacil
	GCT10	11/13/1997	U	0.095	Butylate
	GCT10	11/13/1997	U	0.095	Chlorpyrifos
	GCT10	11/13/1997	U	0.095	Ethyl
	GCT10	11/13/1997	U	0.095	Chlorpyrifos Methyl
	GCT10	11/13/1997	U	0.095	Diazinon
	GCT10	11/13/1997	U	0.048	Ethion
	GCT10	11/13/1997	U	0.095	Ethoprop
	GCT10	11/13/1997	U	0.29	Fenamiphos
	GCT10	11/13/1997	U	0.095	Fonofos
	GCT10	11/13/1997	U	0.14	Malathion
	GCT10	11/13/1997	U	0.57	Metaxyl
	GCT10	11/13/1997	U	0.48	Metolachlor
	GCT10	11/13/1997		1.3	Metribuzin

Deep Wells (22-28 ft)

Station	ID	Date	LabCode	Value	Parameter
	GCT10	11/13/1997	U	0.019	Dieldrin
	GCT10	11/13/1997	U	0.0096	Endosulfan I
	GCT10	11/13/1997	U	0.019	Endosulfan Sulfate
	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	0.019	Aldehyde
	GCT10	11/13/1997	U	0.0096	Heptaclor
	GCT10	11/13/1997	U	0.0096	Heptaclor Epoxide
	GCT10	11/13/1997	U	0.72	Toxaphene
	GCT10	11/13/1997	U	0.019	Chlorothalonil
	GCT10	11/13/1997	U		Oxadiazon
	GCT10	11/13/1997	U	0.29	Alachlor
	GCT10	11/13/1997	U	0.048	Ametryn
	GCT10	11/13/1997	U	0.048	Atrazine
	GCT10	11/13/1997	U	0.19	Azinphos Methyl
	GCT10	11/13/1997	U	0.29	Bromacil
	GCT10	11/13/1997	U	0.096	Butylate
	GCT10	11/13/1997	U	0.096	Chlorpyrifos Ethyl
	GCT10	11/13/1997	U	0.096	Chlorpyrifos Methyl
	GCT10	11/13/1997	U	0.096	Diazinon
	GCT10	11/13/1997	U	0.048	Ethion
	GCT10	11/13/1997	U	0.096	Ethoprop
	GCT10	11/13/1997	U	0.29	Fenamiphos
	GCT10	11/13/1997	U	0.096	Fonofos
	GCT10	11/13/1997	U	0.14	Malathion
	GCT10	11/13/1997	U	0.58	Metaxyl
	GCT10	11/13/1997	U	0.48	Metolachlor

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Shallow Wells (8-12 ft)

Station

ID	Date	LabCode	Value	Parameter
GCT10	11/13/1997	U	0.24	Mevinphos
GCT10	11/13/1997	U	0.76	Naled
GCT10	11/13/1997	U	0.095	Parathion Methyl
GCT10	11/13/1997	U	0.095	Parathion Ethyl
GCT10	11/13/1997	U	0.095	Phorate
GCT10	11/13/1997	U	0.095	Prometryn
GCT10	11/13/1997	U	0.048	Simazine
GCT10	11/13/1997	U	0.29	Prodiamine
GCG13	11/13/1997	U	0.0096	Aldrin
GCG13	11/13/1997	U	0.0096	Alpha-BHC
GCG13	11/13/1997	U	0.019	Beta-BHC
GCG13	11/13/1997	U	0.0096	Delta-BHC
GCG13	11/13/1997	U	0.0096	Gamma-BHC
GCG13	11/13/1997	U	0.96	Chlordane
GCG13	11/13/1997	U	0.019	DDD-p,p'
GCG13	11/13/1997	U	0.019	DDE-p,p'
GCG13	11/13/1997	U	0.019	DDT-p,p'
GCG13	11/13/1997	U	0.019	Dieldrin
GCG13	11/13/1997	U	0.0096	Endosulfan I
GCG13	11/13/1997	U	0.0096	Endosulfan II
GCG13	11/13/1997	U	0.019	Endosulfan Sulfate
GCG13	11/13/1997	U	0.019	Endrin
GCG13	11/13/1997	U	0.019	Endrin Aldehyde
GCG13	11/13/1997	U	0.0096	Heptaclor
GCG13	11/13/1997	U	0.0096	Heptaclor Epoxide
GCG13	11/13/1997	U	0.72	Toxaphene
GCG13	11/13/1997	U	0.019	Chlorothalonil
GCG13	11/13/1997	U		Oxadiazon

Deep Wells (22-28 ft)

Station

ID	Date	LabCode	Value	Parameter
GCT10	11/13/1997	U	0.19	Metribuzin
GCT10	11/13/1997	U	0.24	Mevinphos
GCT10	11/13/1997	U	0.77	Naled
GCT10	11/13/1997	U	0.096	Parathion Methyl
GCT10	11/13/1997	U	0.096	Parathion Ethyl
GCT10	11/13/1997	U	0.096	Phorate
GCT10	11/13/1997	U	0.096	Prometryn
GCT10	11/13/1997	U	0.096	Simazine
GCT10	11/13/1997	U	0.048	Prodiamine
GCT10	11/13/1997	U	0.29	Aldrin
GCG13	11/13/1997	U	0.0096	Alpha-BHC
GCG13	11/13/1997	U	0.0096	Beta-BHC
GCG13	11/13/1997	U	0.019	Delta-BHC
GCG13	11/13/1997	U	0.0096	Gamma-BHC
GCG13	11/13/1997	U	0.0096	Chlordane
GCG13	11/13/1997	U	0.96	Chlordane
GCG13	11/13/1997	U	0.019	DDD-p,p'
GCG13	11/13/1997	U	0.019	DDE-p,p'
GCG13	11/13/1997	U	0.019	DDT-p,p'
GCG13	11/13/1997	U	0.019	Dieldrin
GCG13	11/13/1997	U	0.019	Dieldrin
GCG13	11/13/1997	U	0.0096	Endosulfan I
GCG13	11/13/1997	U	0.0096	Endosulfan II
GCG13	11/13/1997	U	0.0096	Endosulfan Sulfate
GCG13	11/13/1997	U	0.019	Endrin
GCG13	11/13/1997	U	0.019	Endrin Aldehyde
GCG13	11/13/1997	U	0.019	Heptaclor
GCG13	11/13/1997	U	0.0096	Heptaclor Epoxide
GCG13	11/13/1997	U	0.0096	Heptaclor Epoxide
GCG13	11/13/1997	U	0.72	Toxaphene
GCG13	11/13/1997	U	0.019	Chlorothalonil
GCG13	11/13/1997	U	0.019	Chlorothalonil

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Shallow Wells (8-12 ft)

Station

ID	Date	LabCode	Value
GCG13	11/13/1997	U	0.29
GCG13	11/13/1997	U	0.048
GCG13	11/13/1997	U	0.048
GCG13	11/13/1997	U	0.19
GCG13	11/13/1997	U	0.29
GCG13	11/13/1997	U	0.096
GCG13	11/13/1997	U	0.096
GCG13	11/13/1997	U	0.096
GCG13	11/13/1997	U	0.048
GCG13	11/13/1997	U	0.096
GCG13	11/13/1997	U	0.29
GCG13	11/13/1997	U	0.096
GCG13	11/13/1997	U	0.14
GCG13	11/13/1997	U	0.58
GCG13	11/13/1997	U	0.48
GCG13	11/13/1997		9.7
GCG13	11/13/1997	U	0.24
GCG13	11/13/1997	U	0.77
GCG13	11/13/1997	U	0.096
GCG13	11/13/1997	U	0.096
GCG13	11/13/1997	U	0.096
GCG13	11/13/1997	U	0.048
GCG13	11/13/1997	U	0.29
GCML	11/13/1997	U	0.0096
GCML	11/13/1997	U	0.0096
GCML	11/13/1997	U	0.019
GCML	11/13/1997	U	0.0096
GCML	11/13/1997	U	0.0096

Deep Wells (22-28 ft)

Station

ID	Date	LabCode	Value	Parameter
GCG13	11/13/1997	U		Oxadiazon
GCG13	11/13/1997	U	0.29	Alachlor
GCG13	11/13/1997	U	0.048	Ametryn
GCG13	11/13/1997	U	0.048	Atrazine
GCG13	11/13/1997	U	0.19	Azinphos Methyl
GCG13	11/13/1997	U	0.29	Bromacil
GCG13	11/13/1997	U	0.29	Butylate
GCG13	11/13/1997	U		Chlorpyrifos
GCG13	11/13/1997	U	0.096	Ethyl
GCG13	11/13/1997	U	0.096	Chlorpyrifos Methyl
GCG13	11/13/1997	U	0.096	Diazinon
GCG13	11/13/1997	U	0.096	Ethion
GCG13	11/13/1997	U	0.048	Ethoprop
GCG13	11/13/1997	U	0.096	Fenamiphos
GCG13	11/13/1997	U	0.29	Fonofos
GCG13	11/13/1997	U	0.096	Malathion
GCG13	11/13/1997	U	0.14	Metalaxyl
GCG13	11/13/1997	U	0.58	Metolachlor
GCG13	11/13/1997	U	0.48	Metribuzin
GCG13	11/13/1997	U	0.19	Mevinphos
GCG13	11/13/1997	U	0.19	Naled
GCG13	11/13/1997	U	0.77	Parathion Methyl
GCG13	11/13/1997	U	0.096	Parathion Ethyl
GCG13	11/13/1997	U	0.096	Phorate
GCG13	11/13/1997	U	0.096	Prometryn
GCG13	11/13/1997	U	0.096	Simazine
GCG13	11/13/1997	U	0.048	Prodiamine
GCG13	11/13/1997	U	0.29	Aldrin
GCML	11/13/1997	U	0.0096	Alpha-BHC
GCML	11/13/1997	U	0.0096	Beta-BHC
GCML	11/13/1997	U	0.019	Delta-BHC
GCML	11/13/1997	U	0.0096	Gamma-BHC

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Shallow Wells (8-12 ft)

Station

ID	Date	LabCode	Value	Parameter
GCML	11/13/1997	U	0.096	Chlordane
GCML	11/13/1997	U	0.019	DDD-p,p'
GCML	11/13/1997	U	0.019	DDE-p,p'
GCML	11/13/1997	U	0.019	DDT-p,p'
GCML	11/13/1997	U	0.019	Dieldrin
GCML	11/13/1997	U	0.0096	Endosulfan I
GCML	11/13/1997	U	0.0096	Endosulfan II
GCML	11/13/1997	U	0.019	Endrin
GCML	11/13/1997	U	0.019	Endrin Aldehyde
GCML	11/13/1997	U	0.0096	Heptaclor
GCML	11/13/1997	U	0.0096	Heptaclor Epoxide
GCML	11/13/1997	U	0.72	Toxaphene
GCML	11/13/1997	U	0.019	Chlorothalonil
GCML	11/13/1997	U	0.019	Oxadiazon
GCML	11/13/1997	U	0.29	Alachlor
GCML	11/13/1997	U	0.048	Ametryn
GCML	11/13/1997	U	0.048	Atrazine
GCML	11/13/1997	U	0.19	Azinphos Methyl
GCML	11/13/1997	U	0.29	Bromacil
GCML	11/13/1997	U	0.096	Butylate
GCML	11/13/1997	U	0.096	Chlorpyrifos
GCML	11/13/1997	U	0.096	Ethyl
GCML	11/13/1997	U	0.95	Chlorpyrifos Methyl
GCML	11/13/1997	U	0.096	Diazinon
GCML	11/13/1997	U	0.048	Ethion
GCML	11/13/1997	U	0.096	Ethoprop
GCML	11/13/1997	U	0.29	Fenamiphos
GCML	11/13/1997	U	0.096	Fonofos
GCML	11/13/1997	U	0.14	Malathion

Deep Wells (22-28 ft)

Station

ID	Date	LabCode	Value	Parameter
GCML	11/13/1997	U	0.0096	Gamma-BHC
GCML	11/13/1997	U	0.096	Chlordane
GCML	11/13/1997	U	0.019	DDD-p,p'
GCML	11/13/1997	U	0.019	DDE-p,p'
GCML	11/13/1997	U	0.019	DDT-p,p'
GCML	11/13/1997	U	0.019	Dieldrin
GCML	11/13/1997	U	0.019	Endosulfan I
GCML	11/13/1997	U	0.0096	Endosulfan Sulfate
GCML	11/13/1997	U	0.019	Endrin
GCML	11/13/1997	U	0.019	Endrin Aldehyde
GCML	11/13/1997	U	0.019	Heptaclor
GCML	11/13/1997	U	0.0096	Heptaclor Epoxide
GCML	11/13/1997	U	0.0096	Toxaphene
GCML	11/13/1997	U	0.72	Chlorothalonil
GCML	11/13/1997	U	0.019	Oxadiazon
GCML	11/13/1997	U	0.29	Alachlor
GCML	11/13/1997	U	0.048	Ametryn
GCML	11/13/1997	U	0.048	Atrazine
GCML	11/13/1997	U	0.19	Azinphos Methyl
GCML	11/13/1997	U	0.29	Bromacil
GCML	11/13/1997	U	0.096	Butylate
GCML	11/13/1997	U	0.096	Chlorpyrifos Ethyl
GCML	11/13/1997	U	0.096	Chlorpyrifos Methyl
GCML	11/13/1997	U	0.096	Diazinon
GCML	11/13/1997	U	0.048	Ethion
GCML	11/13/1997	U	0.096	Ethoprop
GCML	11/13/1997	U	0.29	Fenamiphos
GCML	11/13/1997	U	0.096	Fonofos

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Shallow Wells (8-12 ft)

Station	ID	Date	LabCode	Value	Parameter
	GCML	11/13/1997	U	0.58	Metalaxyl
	GCML	11/13/1997	U	0.48	Metolachlor
	GCML	11/13/1997	U	0.19	Metribuzin
	GCML	11/13/1997	U	0.24	Mevinphos
	GCML	11/13/1997	U	0.77	Naled
	GCML	11/13/1997	U	0.096	Parathion Methyl
	GCML	11/13/1997	U	0.096	Parathion Ethyl
	GCML	11/13/1997	U	0.096	Phorate
	GCML	11/13/1997	U	0.096	Prometryn
	GCML	11/13/1997	U	0.048	Simazine
	GCML	11/13/1997	U	0.29	Prodiamine

Deep Wells (22-28 ft)

Station	ID	Date	LabCode	Value	Parameter
	GCML	11/13/1997	U	0.14	Malathion
	GCML	11/13/1997	U	0.58	Metalaxyl
	GCML	11/13/1997	U	0.48	Metolachlor
	GCML	11/13/1997	U	0.19	Metribuzin
	GCML	11/13/1997	U	0.24	Mevinphos
	GCML	11/13/1997	U	0.77	Naled
	GCML	11/13/1997	U	0.096	Parathion Methyl
	GCML	11/13/1997	U	0.096	Parathion Ethyl
	GCML	11/13/1997	U	0.096	Phorate
	GCML	11/13/1997	U	0.096	Prometryn
	GCML	11/13/1997	U	0.048	Simazine
	GCML	11/13/1997	U	0.29	Prodiamine

Appendix D: Surface Water Data

Station	Date	Value	ParamID	Units	Station	Date	Value	ParamID	Units
<u>Field Data</u>									
KBL	6/11/1997	out of range	Conductivity		BBL	6/11/1997	190	Conductivity	
KBL	6/11/1997	2.36	DO	%	BBL	6/11/1997	4.61	DO	%
KBL	6/11/1997	8.07	pH		BBL	6/11/1997	7.15	pH	
KBL	6/11/1997	231	Redox	mv	BBL	6/11/1997	161	Redox	mv
KBL	6/11/1997	out of range	Salinity	ppt	BBL	6/11/1997	0.1	Salinity	ppt
KBL	6/11/1997	28.57	Temperature	C	BBL	6/11/1997	27.33	Temperature	C
KBL	8/20/1997	out of range	Conductivity		BBL	8/21/1997	189	Conductivity	
KBL	8/20/1997	5.73	DO	%	BBL	8/21/1997	7.92	DO	%
KBL	8/20/1997	8.01	pH		BBL	8/21/1997	8.56	pH	
KBL	8/20/1997	681	Redox	mv	BBL	8/21/1997		Redox	mv
KBL	8/20/1997	out of range	Salinity	ppt	BBL	8/21/1997	0.1	Salinity	ppt
KBL	8/20/1997	32.21	Temperature	C	BBL	8/21/1997	32.45	Temperature	C
KBL	11/20/1997	43645	Conductivity		BBL	11/20/1997	238	Conductivity	
KBL	11/20/1997	5.48	DO	%	BBL	11/20/1997	7.53	DO	%
KBL	11/20/1997	8.21	pH		BBL	11/20/1997	7.98	pH	
KBL	11/20/1997	301	Redox	mv	BBL	11/20/1997	439	Redox	mv
KBL	11/20/1997	28.2	Salinity	ppt	BBL	11/20/1997	0.1	Salinity	ppt
KBL	11/20/1997	24.35	Temperature	C	BBL	11/20/1997	23.5	Temperature	C
GCL	6/12/1997	441	Conductivity		PML	6/11/1997	300	Conductivity	
GCL	6/12/1997	2.8	DO	%	PML	6/11/1997	6.43	DO	%
GCL	6/12/1997	7.06	pH		PML	6/11/1997	7.53	pH	
GCL	6/12/1997	497	Redox	mv	PML	6/11/1997	535	Redox	mv
GCL	6/12/1997		Salinity	ppt	PML	6/11/1997	0.1	Salinity	ppt
GCL	6/12/1997	26.95	Temperature	C	PML	6/11/1997	27.72	Temperature	C
GCL	8/20/1997	356	Conductivity		PML	8/21/1997	367	Conductivity	
GCL	8/20/1997	4.42	DO	%	PML	8/21/1997	6.46	DO	%
GCL	8/20/1997	7.14	pH		PML	8/21/1997	7.55	pH	
GCL	8/20/1997	115	Redox	mv	PML	8/21/1997	117	Redox	mv

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Station	Date	Value	ParamID	Units	Station	Date	Value	ParamID	Units
<u>Field Data</u>									
GCL	8/20/1997	0.2	Salinity	ppt	PML	8/21/1997	0.2	Salinity	ppt
GCL	8/20/1997	31.53	Temperature	C	PML	8/21/1997	32.05	Temperature	C
GCL	11/20/1997	363	Conductivity		PML	11/20/1997	7.53	pH	
GCL	11/20/1997	6.05	DO	%	PML	11/20/1997	435	Redox	mv
GCL	11/20/1997	7.91	pH		PML	11/20/1997	0.2	Salinity	ppt
GCL	11/20/1997	323	Redox	mv	PML	11/20/1997	24.09	Temperature	C
GCL	11/20/1997	0.2	Salinity	ppt	PML	11/20/1997	344	Conductivity	
GCL	11/20/1997	22.34	Temperature	C	PML	11/20/1997	7.78	DO	%
<u>Nutrient Components</u>					<u>Arsenic</u>				
KBL	8/20/1997	0.02(I)	NOX-N	mg/l	BBL	8/21/1997	18	Arsenic	ug/l
KBL	11/20/1997	0.03(I)	NOX-N	mg/l	BBL	11/20/1997	19.1	Arsenic	ug/l
KBL	5/28/1997	0.07(I)	NOX-N	mg/l	PML	5/28/1997	NA	Arsenic	ug/l
KBL	5/28/1997	0.03(I)	TPO4	mg/l	PML	8/21/1997	2(U)	Arsenic	ug/l
KBL	8/20/1997	0.02(U)	TPO4	mg/l	PML	11/20/1997	2(U)	Arsenic	ug/l
KBL	11/20/1997	0.02(U)	TPO4	mg/l	KBL	5/28/1997	NA	Arsenic	ug/l
GCL	8/20/1997	0.08	NOX-N	mg/l	KBL	8/20/1997	4(I)	Arsenic	ug/l
GCL	11/20/1997	0.52	NOX-N	mg/l	KBL	11/20/1997	30(I)	Arsenic	ug/l
GCL	6/3/1997	0.17	NOX-N	mg/l	GCL	6/3/1997	NA	Arsenic	ug/l
GCL	6/3/1997	0.19	TPO4	mg/l	GCL	8/20/1997	27(A)	Arsenic	ug/l
GCL	8/20/1997	0.09	TPO4	mg/l	BBL	5/28/1997	NA	Arsenic	ug/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					
PML	8/21/1997	0.02(U)	TPO4	mg/l					
PML	11/20/1997	0.02(U)	TPO4	mg/l					

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					Pesticides				
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

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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

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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

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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

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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

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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

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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

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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

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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'

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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

Appendix D: Surface Water Data

Pesticides

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 E: Soil Data

Soil Column 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
PMG7	2/3/1997	0-2	1.11	GPML	2/10/1997	2-4	9.1
PMG7	2/3/1997	2-4	0.87	GPML	2/10/1997	4-6	8.4
PMG7	2/3/1997	4-6	6	GPML	2/10/1997	6-8	6.11
PMML	2/4/1997	0-2	4.33	GPT8	2/7/1997	0-2	0.23
PMML	2/4/1997	2-4	2.23	GTP8	2/7/1997	2-4	0.56
PMML	2/4/1997	4-6	0.68	GPT8	2/7/1997	4-6	0.2
KBF14	2/13/1997	0-2	0.62	GPT8	2/7/1997	6-8	0.5
KBF14	2/13/1997	2-4	0.2	GPT8	2/7/1997	8-10	1
KBML	2/13/1997	0-2	6.75	GPG4	2/7/1997	0-2	1.31
KBML	2/13/1997	2-4	6	GPG4	2/7/1997	2-4	1.19
KBT18	2/13/1997	0-2	17.19	GCG13	2/6/1997	0-2	0.56
KBT18	2/13/1997	2-4	3.9	GCG13	2/6/1997	2-4	0.48
KBT18	2/13/1997	4-6	2.38	GCML	2/6/1997	0-2	0.36
BBF4	2/4/1997	0-2	0.2	GCML	2/6/1997	2-4	0.19
BBF4	2/4/1997	2-4	0.2	GCT10	2/6/1997	0-2	5.22
BBF4	2/4/1997	4-6	7.85	GCT10	2/6/1997	2-4	3.8
BBML	2/5/1997	0-2	120.65				
BBML	2/5/1997	2-4	4.52				
BBF2	2/5/1997	0-2	5.32				
BBF2	2/5/1997	2-4	0.2				
BBF2	2/5/1997	4-6	0.2				

Appendix E: Soil Data

Surficial Soil Data

StationID	Date	Interval	Arsenic Concentration (mg/kg)	StationID	Date	Interval	Arsenic Concentration (mg/kg)
PMF18	5/28/1997	Surficial	34.6	GCT10	11/14/1997	Surficial	17
PMF18	8/21/1997	Surficial	28.8	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
GCG13	6/3/1997	Surficial	2.9				
GCG13	8/20/1997	Surficial	0.8				
GCG13	11/14/1997	Surficial	1.8				
GCT10	6/3/1997	Surficial	13.1				
GCT10	8/20/1997	Surficial	13.5				