Domestic Well Water Testing Project 2001

Lora Overacre

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION
GEORGIA GEOLOGIC SURVEY

Atlanta
April, 2002

PROJECT REPORT 47

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This Project was funded in part through grants from the Georgia Department of Agriculture and the U.S. Environmental Protection Agency.

GEORGIA DEPARTMENT OF NATURAL RESOURCES
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GEORGIA GEOLOGIC SURVEY
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Atlanta
April, 2002

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INTRODUCTION

HISTORIC BACKGROUND

The Pesticide Monitoring Network (PMN) is a joint project between the Georgia Department of Agriculture (GDA) and the Georgia Environmental Protection Division (EPD). The project was initiated in September 1993 to sample National Ambient Water Quality Assessment (NAWQA) monitoring wells installed by the U.S. Geological Survey (USGS) in the Apalachicola-Chattahoochee-Flint River Basins. The purpose was to provide baseline data to the GDA and EPD for the State Pesticide Management Plan. Past, present, and future well sampling provides information on the susceptibility of aquifers to non-point source pollution from agricultural practices and permits evaluation of the impact of normal use and handling of pesticides on ground water at or near the site of application.

From 1993 through 1999, EPD sampled NAWQA monitoring wells in southwest Georgia. In addition to these monitoring wells, a small number of private drinking water wells and shallow irrigation wells within the Dougherty Plain were added to the PMN in 1998 and 1999, respectively. In April 1999, EPD discontinued sampling the monitoring and private wells and concentrated only on irrigation wells. Irrigation well sampling was terminated in April 2000, and results of this project were summarized in PMN Project Report 43.

CURRENT STATUS

In May 2000, with the approval of GDA, EPD began sampling private drinking water wells for pesticide analysis. The project was re-named the "Domestic Well Water Testing Project." For sampling purposes, the state was divided into five regions shown in Figure 1. Initial sampling efforts were concentrated in the 15-county Dougherty Plain area of the Southwest Georgia region. As of December 2001, EPD had initiated sampling in the Southwest, Southeast, and Central Georgia regions. EPD anticipates collection of domestic well water samples will be completed statewide by mid-2005, with the exception of 13 coastal counties that draw water from the confined Floridan Aquifer and are not included in this project. Attempts will be made to obtain one well water sample from each 10 square mile section of each county. The results of this project will be used by EPD as part of its long term monitoring of ground-water quality and by GDA for continued development and implementation of the State Pesticide Management Plan.

SCOPE OF WORK

WELL SELECTION

EPD published an article in the GDA Market Bulletin and in local Southwest Georgia papers in February and March 2000 to solicit volunteers for the Domestic Well Water Testing Project. The article requested well owners who were interested in having their well water tested for atrazine, alachlor, metolachlor, and simazine send a written request to the Georgia Geologic Survey. The article was subsequently revised to solicit volunteers statewide and was reprinted in the June, July, November and December 2000 Market Bulletins (Appendix A).

When a response from a well owner is received by EPD, applicable information is entered into a computer database. A unique identification number is assigned to the well owner and the owner's location is plotted on a Georgia Department of Transportation county highway map. A ten square mile grid is then laid over the county map and, wherever possible, one well for every grid block is selected for sampling.

County tax assessor's offices are visited to identify up to three homeowners within each 10 square-mile grid that lacks volunteer homeowner response. Letters are sent to each of the homeowners soliciting participation in the project. If one or more responses are received within eight weeks one of the wells is selected and added to the sampling list. No further effort is made to contact these homeowners or solicit additional volunteers.

The target for samples per county and the volunteer responses received through December 31, 2001 are presented in Appendix B. EPD will attempt to identify and sample one well within each ten square mile section of each county, but portions of some counties will not be sampled due to the presence of municipal water supply systems, military bases, lack of volunteer homeowners, uninhabited lands, and other factors.

FIELD PROCEDURES

An EPD representative contacts the well owner by telephone to schedule the sampling event. When visiting a domestic well site, EPD sampling personnel wear visible identification with a photograph. All sampling is performed outside, and the well owner's home is not entered. At each well site, the spigot closest to the well is used for sampling. Water temperature, conductivity and pH are measured with a Hanna HI 991310 multi-meter, and the sample is collected when pH and temperature remain constant for three consecutive readings. Time and corresponding pH, conductivity, and temperature measurements, as well as the latitude and longitude coordinates determined by a Trimble GeoExplorer II GPS receiver, are recorded for each well on a field data sheet (Appendix C).

A ground water sample is collected from each well in a 150-milliliter (ml) high-density polyethylene (HDPE) bottle for immunoassay analysis by EPD (See Laboratory Methods). When a subsequent re-sampling is required a second immunoassay sample is collected along with additional samples (one 125ml opaque Teflon bottle and three 1 liter amber glass bottles)

for analyses in the GDA laboratory. All sample bottles are labeled with the well identification number, time, date, and test method. The samples are individually packaged in ziplock bags and stored in a cooler with ice until transfer to the GDA sample-receiving refrigerator or to the EPD refrigerator. A chain of custody form (Appendix D) is completed for each GDA sample and provided to the sample-receiving coordinator with the samples.

SAMPLE PRESERVATION

All samples are maintained on ice in the field and are refrigerated (to 4° C) in the laboratory prior to analyses. Prior to field sampling, GDA laboratory staff labels and prepares all sample bottles with the appropriate preservatives. The following table lists sample preservation methods.

TEST METHOD	CONTAINER	SAMPLE VOLUME	PRESERVATION	HOLDING TIME
RaPID Assay®	HPDE	150ml	Cool to 4° C	14 days
NPS* Method 4	Amber glass bottle	One liter	Cool to 4° C	28 days
EPA Methods 507/508	Amber glass bottle	One liter (combined)	Cool to 4° C 80mg sodium thiosulfate added to bottle prior to sampling	Method 507: 14 days Method 508: 7 days
EPA Method 531.1	Opaque Teflon bottle	60 ml	Cool to 4° C 1.8ml monochloroacetic acid buffer and 5mg sodium sulfite added before sampling	28 days
EPA Method 555	Amber glass bottle	One liter	Cool to 4° C Add 45mg sodium sulfite before sampling; after sampling add 1:1 HCl:reagent water to produce a pH of 2	14 days

*NPS= National Pesticide Survey

LABORATORY METHODS

All samples are refrigerated and are analyzed within the specified holding times. EPD uses the RaPID Assay® immunoassay technique as a screening test for the presence of the pesticides alachlor, atrazine, simazine, and metolachlor. Four tests are completed for each immunoassay sample, since each immunoassay test is specific for only one pesticide. Part of each sample is poured into a 30ml amber glass bottle labeled with the sample date and well identification number prior to conducting the immunoassay tests, and water samples for each immunoassay test are obtained from this bottle. The remainder of the sample in the 150ml field collection bottle is kept refrigerated as a reserve, and is disposed of after all immunoassay tests for the sample are completed.

Detailed instructions for the RaPID Assay® test method are provided with each kit (Appendix E). A programmed OHMICRON® RPA-1 spectrophotometer reads 0.1, 1 and 5 parts per billion (ppb) standards supplied with each kit and internally generates an absorbance vs. concentration curve. The absorbance and concentration have an inverse linear relationship such that a sample with high absorbance has low concentration. The absorbance of each sample is read with the spectrophotometer, which subsequently plots the absorbance on an internally calculated curve to determine the sample's corresponding concentration in ppb. The spectrophotometer prints out a numbered list of samples with their absorbency and resulting concentration. Samples having concentrations greater than 0.1 ppb are read a second time to confirm the initial reading.

The immunoassay test method is sensitive to certain pesticides other than the one for which the specific test kit is designed. Because of the possibility of false-positive test results, all well samples testing positive at indicated concentrations above USEPA Method 507 method detection limits (MDLs) are confirmed by re-sampling the well and providing the sample to the GDA laboratory for independent analysis using Method 507. The immunoassay MDLs and limits of quantification (LOQs) vary with each pesticide, but in all cases are significantly lower than the Georgia drinking water maximum contaminant levels (MCLs) as shown in the following table.

PESTICIDE	MCL	MDL	LOQ (min)	LOQ (max)
Alachlor	2	0.05	0.1	5
Atrazine	3	0.046	0.1	5
Metolachlor	Not determined	0.05	0.1	5
Simazine	4	0.03	0.1	3

Note: MCL, MDL, and LOQ are in parts per billion (ppb)
MCL = Maximum Contaminant Level
MDL = Method Detection Limits
LOQ = Limit Of Quantification (there are minimum and maximum limits for immunoassay)

Samples provided GDA are analyzed in accordance with USEPA Methods 507 (nitrogen- and phosphorous-containing pesticides), 508 (organochlorine pesticides), 531.1 (urea derivative and carbamate pesticides), 555 (phenoxy acid herbicides), and National Pesticides Survey (NPS) Method 4 (additional pesticides). USEPA Method 531.1 and NPS Method 4 use high-pressure liquid chromatography to quantify analyte concentrations. USEPA Methods 507, 508, and 555 use gas chromatography to identify compounds and quantify concentrations. USEPA Method 507 is used to confirm any concentrations of alachlor, atrazine, metolachlor, or simazine in the samples. The method detection limits and limits of quantification for USEPA Method 507 are significantly below the Georgia drinking water maximum contaminant levels as shown in the following table.

PESTICIDE	MCL	MDL	LOQ
Alachlor	2	0.14	0.14
Atrazine	3	0.015	0.1
Metolachlor	Not determined	0.19	0.19
Simazine	4	0.014	0.1

USEPA Method 507 provides quantitative analysis for 42 pesticides and related chemicals in addition to the four pesticides evaluated for this project. USEPA Methods 508, 531.1, and 555 and NPS Method 4 identify 71 additional pesticides and chemicals. The additional pesticides and chemicals analyzed by GDA are listed on example GDA analysis reports presented in Appendix F. The Domestic Well Water Testing Project deals only with alachlor, atrazine, metolachlor, and simazine, and this report does not contain information related to other compounds that may have been encountered during well testing activities.

QUALITY CONTROL

This project employs both internal (EPD) and external (GDA) quality control procedures. At EPD, all immunoassay tests are performed in strict accordance with the manufacturer's procedures. The spectrophotometer serves as a quality control in that it will not process results of the immunoassay test if the correlation coefficient of the kit standard is below 0.99, as stated in the manufacturer's procedures. The EPD analyst confirms that the coefficient of variation (%CV) is less than 6% between the duplicate standards, and that the kit control sample falls within 20% of the concentration printed on the control bottle provided with each immunoassay kit. For each test run, the spectrophotometer prompts the analyst for a "blank" of wash solution to insure the machine is working properly. Immunoassay samples are analyzed within the USEPA recommended 14-day holding time typically used for pesticides or the well is re-sampled.

Wells are re-sampled when an immunoassay test indicates the possible presence of any of the four pesticides at concentrations above USEPA Method 507 MDLs. Duplicate samples are collected at this time; one is analyzed by EPD using the immunoassay method and the other by the GDA laboratory using USEPA Method 507. The GDA laboratory values are considered to be the definitive and accurate values in contrast with the immunoassay results, which are regarded as indicators for screening purposes.

For the GDA laboratory, one duplicate sample is taken for every ten resamples collected. In addition, a field reagent blank (FRB) is prepared and analyzed alongside the collected samples for each of the GDA test methods. The FRB is a laboratory prepared blank of de-ionized water that is exposed to the same field conditions and preserved and refrigerated along with all other samples collected in a specific field sampling trip. All sample analyses are logged in a sample results notebook and entered into spreadsheet format.

Project information is entered into a Microsoft Access® database. Each well entry includes the well ID number, date of sampling, well owner information including county of residence, latitude/longitude coordinates for the sampling location, immunoassay results, and (if performed) results of USEPA Method 507 analyses for the four targeted pesticides. Database entry is by the individual responsible for sampling a particular well. Two associates periodically compare all entries to field notes and laboratory data sheets as a quality assurance check. After the complete data set for a well has been reviewed and any needed changes made to the database, the initials of the two individuals conducting the review are entered into the database to indicate that the review has taken place. Once the review has been completed the database is imported directly into ArcView® software and the sample distribution map (Figure 2) is generated.

RE-SAMPLE PROTOCOL AND REPORTING STATUS

With all immunoassay tests there is a difference between the minimum concentration at which the tests can detect a certain pesticide (MDL) and the concentration at which the pesticide can be accurately quantified (the limit of quantification or LOQ). For example, the immunoassay spectrophotometer printout will detect alachlor (and related compounds) at concentrations as low as 0.05 ppb (the MDL for alachlor), but the manufacturer states the spectrophotometer cannot accurately quantify alachlor at concentrations less than 0.1 ppb (the LOQ for alachlor). USEPA Method 507 cannot confirm concentrations between 0.05 and 0.1 ppb. If wells test within this range, EPD notifies the well owner that there is a possibility for a trace of a pesticide. No further sampling is conducted, since the concentration detected is too low to be confirmed. Should a pesticide concentration be above the immunoassay LOQ but below the USEPA Method 507 MDL, EPD informs the well owner that a trace of the particular pesticide may be present. No further sampling is conducted, since immunoassay results below USEPA Method 507 MDLs cannot be validated using USEPA Method 507.

Wells are resampled when immunoassay screening indicates a concentration greater than or equal to the USEPA Method 507 MDL for atrazine, alachlor, metolachlor, or simazine. A re-sampling event includes collecting the full array of GDA samples, a second EPD sample for immunoassay re-testing, and completing a data sheet that includes more information about the condition of the well and land use of the area immediately surrounding the well (Appendix G).

In the vast majority of instances, no pesticides are detected at concentrations above USEPA Method 507 MDLs and the well does not need to be re-sampled. The well owner is notified in writing of the sampling results within 60 days of the initial visit. If an EPD representative must revisit the well for re-sampling, the well owner is notified of the well's status after the second round of immunoassay and USEPA Method 507 tests have been completed.

If USEPA Method 507 confirms the presence of a particular pesticide at concentrations below the drinking water MCL, EPD notifies the local county agricultural extension agent and the Director of the University of Georgia's Home/Farm *A* Syst program (Dr. Mark Risse). The well owner is informed of the test results by phone and in writing, and is advised to call the county agricultural extension agent and Dr. Risse for further consultation. At the well owner's request, a representative of the Home/Farm *A* Syst program will conduct an on-site investigation of the well and surrounding area to try to identify the possible source of the pesticide and suggest corrective actions the well owner might take.

If USEPA Method 507 indicates a concentration of a pesticide greater than the drinking water MCL, EPD immediately calls the well owner and suggests the water not be used for drinking purposes. The owner is advised to call the local county agricultural extension agent and Dr. Risse. A letter and copy of the test results are subsequently mailed to the owner. EPD rules regulating drinking water quality apply to public water supplies, not to domestic wells, and the homeowner is so informed.

RESULTS

EPD sampled a total of 1220 domestic wells from May 2000 through December 2001 (Appendix H), 802 of which were sampled during calendar year 2001. Immunoassay tests were performed on samples from all wells. One hundred and thirteen wells (9.3 percent) were scheduled for re-sampling because immunoassay screening tests indicated the presence of one or more of the targeted pesticides at concentrations greater than USEPA Method 507 MDLs. Ninety-six of these wells were resampled prior to December 31, 2001, with the remaining wells scheduled for re-sampling in early 2002. The delay in re-sampling was caused by relocation of the DOA analytical laboratory from Atlanta to Tifton, Georgia, which was completed in January 2002. Of the 96 resamples collected and analyzed during the project to date (through December 2001), four (4.2 percent) confirmed the presence of one or more of the four targeted pesticides at concentrations above USEPA Method 507 MDLs.

Random QA samples were collected for analysis by the GDA laboratory from 109 wells at the same time initial samples were collected for immunoassay tests. Of the 109 random samples collected, three (2.8 percent) were shown to contain one of the target pesticides (alachlor) at concentrations above the USEPA Method 507 MDL.

Test results for the seven samples that had confirmed target pesticide concentrations above USEPA Method 507 MDLs are contained in the following table. These data are for all samples collected for the project through December 2001.

	Immunoassay Original Sample		Immunoassay Resample		USEPA Method 507	
Well ID #	Pesticide	Concentration	Pesticide	Concentration	Pesticide	Concentration
071-15	Alachlor	4.15	Alachlor	5	Alachlor	3.65*
087-01	Alachlor	1.7	Alachlor	4.73	Alachlor	3.65*
099-01	Metolachlor	1.1	Metolachlor	2.35	Metolachlor	2.09
263-11	Atrazine	0.64	Atrazine	0.1	Atrazine	0.22
005-04	Alachlor	3.18	Not a Resample (1)		Alachlor	1.5
005-11	Alachlor	2.75	Not a Resample (1)		Alachlor	6.2*
243-26	Alachlor	1.37	Not a Resample (1)		Alachlor	1.22

Note: Concentrations are in parts per billion (ppb)
(1) indicates that pesticides were detected in the original immunoassay sample and the USEPA Method 507 duplicate sample collected at the same time; no resampling was undertaken for these three wells.
* indicates a concentration in excess of maximum contaminant levels (MCLs) for public drinking water supplies

Three of the seven well samples contained alachlor at concentrations higher than the MCL, and two contained alachlor at concentrations above USEPA Method 507 MDL but below the MCLs. Atrazine was confirmed in one well at a concentration above USEPA Method 507 MDL but below the MCL. One well sample contained metolachlor at a concentration of 2.09 ppb;

however, there is no MCL for this pesticide. In summary, 7 of the 1220 well samples (0.57 percent) contained one of the four targeted pesticides at confirmed concentrations above USEPA Method 507 MDLs, and three of these were confirmed at concentrations above MCLs. The locations of these wells are provided in Figure 2.

All 1220 well owners were notified of the test results. Well owners of the seven wells testing positive for pesticides at concentrations greater than USEPA Method 507 MDLs were referred to their county agricultural extension agent and the University of Georgia's Home/Farm *A* Syst program.

DISCUSSION

USES AND TRADE NAMES OF THE FOUR TARGETED PESTICIDES

The following table provides a brief description of each of the four pesticides targeted in this study, the crops they are used on, and a list of commercial herbicides that contain them. Information contained in this table was obtained from EXTOXNET (The EXtension TOXicology NETwork), a web site that contains safety information for pesticides and fungicides. This information may or may not reflect current label requirements for these pesticides. The URL for this web site is http://ace.orst.edu/info/extoxnet.

Alachlor	Alachlor is an aniline herbicide used to control annual grasses and broadleaf weeds in field corn, soybeans, and peanuts. It is a selective systemic herbicide, absorbed by germinating shoots and by roots. Trade names of commercial herbicides containing alachlor include Alanex, Bronco, Cannon, Crop Star, Lariat, Lasso, and Partner. It mixes well with other herbicides such as Bullet, Freedom, and Rasta, and is found in mixed formulations with atrazine, glyphosate, trifluralin, and imazaquin.
Atrazine	Atrazine is a selective triazine herbicide used to control broadleaf and grassy weeds in corn, sorghum, sugarcane, pineapple, Christmas trees, and other crops, and in conifer reforestation plantings. It is also used as a nonselective herbicide on non-cropped industrial lands and on fallow lands. Trade names include Aatrex, Aktikon, Alazine, Atred, Atranex, Atrataf, Atratol, Azinotox, Crisazina, Farmco Atrazine, G-30027, Gesaprim, Giffex 4L, Malermais, Primatol, Simazat, and Zeapos.
Metolachlor	Metolachlor is usually applied to crops before plants emerge from the soil, and is used to control certain broadleaf and annual grassy weeds in field corn, soybeans, peanuts, grain sorghum, potatoes, pod crops, cotton, safflower, stone fruits, nut trees, highway rights-of-way and woody ornamentals. Trade names for products containing metolachlor include Bicep, CGA-24705, Dual, Pennant, and Pimagram. The compound may be used in formulations with other pesticides (often herbicides that control broad-leaved weeds) including atrazine, cyanazine, and fluometuron.
Simazine	Simazine is a selective triazine herbicide. It is used to control broad-leaved weeds and annual grasses in field, berry fruit, nuts, vegetable and ornamental crops, turfgrass, orchards, and vineyards. At higher rates, it is used for nonselective weed control in industrial areas. Trade names include Aquazine, Caliber, Cekusan, Cekusima, Framed, Gesatop, Primatol S, Princep, Simadex, Simanex, Sim-Trol, Tanzine and Totazine. This compound may also be found in formulations with other herbicides such as amitrole, paraquat dichloride, metolachlor, and atrazine.

Alachlor and atrazine are considered restricted use pesticides requiring licensed applicators. Metolachlor is a general use pesticide that may, in certain formulations, be classified as a restricted use pesticide. Simazine is a general use pesticide.

ACKNOWLEDGEMENTS

The Domestic Well Water Testing Project is primarily funded through a USEPA 319(h) Non-Point Source Grant managed by the Georgia Department of Natural Resources Environmental Protection Division. Additional funding has been provided through the Georgia Department of Agriculture. State matching funds are provided through the Geologic Survey Branch of the Georgia Department of Natural Resources Environmental Protection Division.

FIGURES

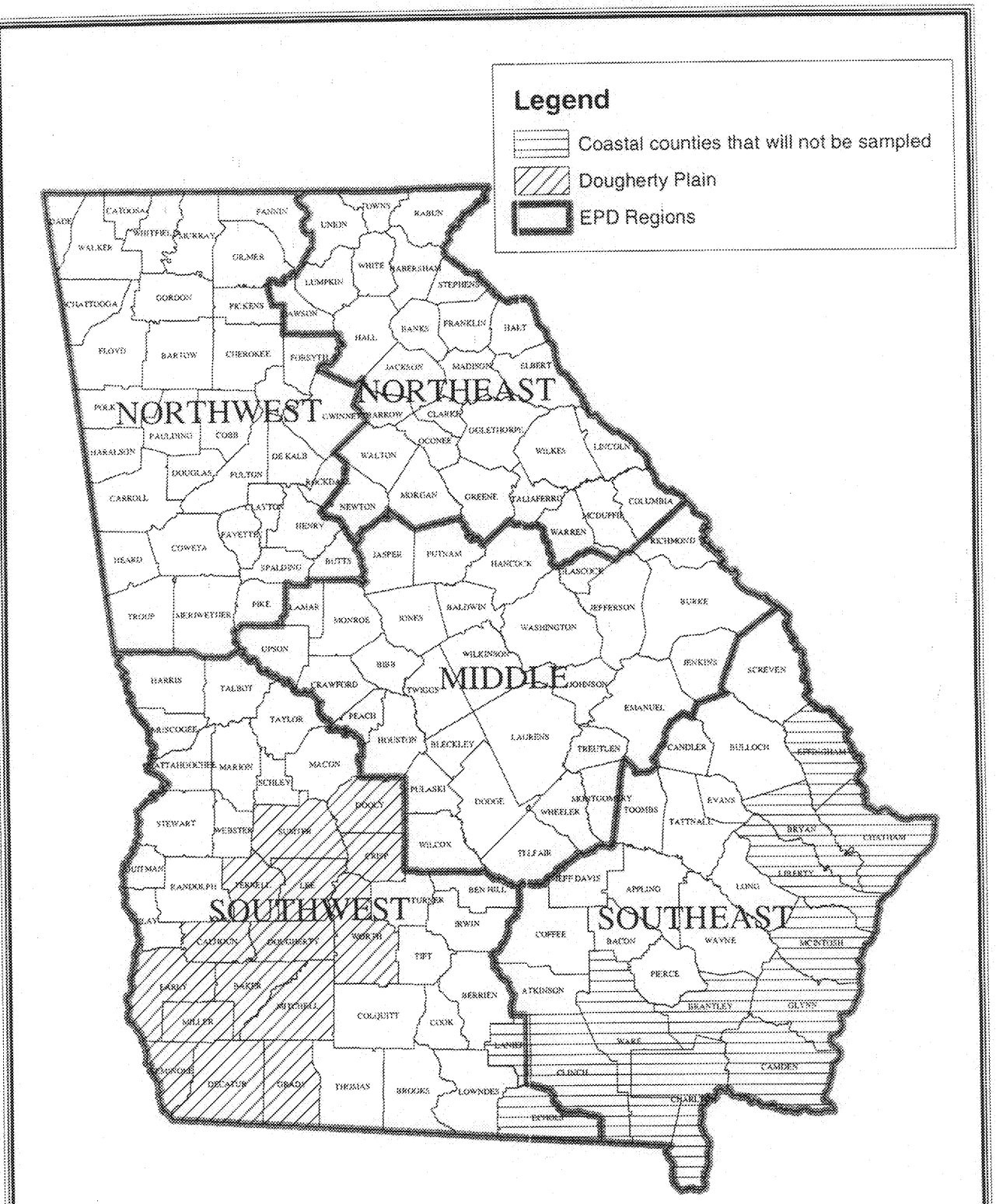


Figure 1: Sampling Regions for the Domestic Well Water Testing Project

APPENDIX A

Market Bulletin Article

APPENDIX A: Market Bulletin Article

Free Well-Water Testing for Pesticides
VOLUNTEERS NEEDED STATEWIDE

The Georgia Geologic Survey has begun a statewide groundwater quality survey in cooperation with the Georgia Department of Agriculture. The Survey is currently sampling private wells in Southwest Georgia. Homeowners residing in all counties except the coastal counties of Effingham, Chatham, Bryan, Liberty, McIntosh, Glynn, Camden, Brantley, Charlton, Ware, Clinch, Echols and Lanier, which draw drinking water from a confined aquifer are eligible to have their drinking-water tested free of charge.

Samples will be collected from shallow domestic drinking water wells and analyzed for the commonly used pesticides alachlor, atrazine, metolachlor, and simazine. There has been little evidence suggesting that the normal application and use of these pesticides are harmful to ground water in Georgia, and the testing is expected to confirm this. In the case of any detection of pesticides, the Geologic Survey will revisit and resample the well to confirm the analysis. The UGA Cooperative Extension Service has agreed to conduct an on-site environmental assessment, if requested by a well owner. The well owner will receive notification of the results of the analysis within thirty days of sample collection. Water samples will be collected during daytime hours, Monday through Friday. The test requires a Geologic Survey representative to have access to an outside spigot, run the water for approximately 15-20 minutes, and collect a water sample. It is not necessary for the well owner to be present for the sampling event.

Only a limited number of wells can be sampled, approximately 40 per county. Interested well owners should mail a written request for water analysis to: Free Well-Water Testing for Pesticides, Georgia Geologic Survey, 19 Martin Luther King, Jr. Drive, Room 400, Atlanta, GA 30334. Please respond as soon as possible and include the following information: your name, address, telephone number, county, well depth, and brief directions to your home. Selected participants will be notified prior to testing. If you have any questions, please call Lora Overacre or Sue Grunwald at 404-656-3214.

APPENDIX B

Desired Coverage and Received Responses through December 31, 2001

APPENDIX B: Desired Coverage and Received Responses through December 31, 2001

County	Desired Number of Samples	Number of Requests Received	County	Desired Number of Samples	Number of Requests Received	County	Desired Number of Samples	Number of Requests Received	County	Desired Number of Samples	Number of Requests Received
Appling	51	22	Long	40	11	Burke	83	16	Lincoln	21	3
Atkinson	34	13	Lowndes	50	25	Butts	19	9	Lumpkin	28	9
Bacon	29	26	Macon	40	15	Carroll	50	22	Madison	28	15
Baker	34	15	Marion	37	6	Catoosa	16	3	McDuffie	26	16
Ben Hill	25	14	Miller	28	27	Chattooga	31	8	Meriwether	50	20
Berrien	45	27	Mitchell	51	52	Cherokee	42	17	Morgan	35	12
Bibb	25	10	Monroe	40	11	Clarke	12	6	Murray	34	7
Bleckley	22	8	Montgomery	25	9	Clayton	14	5	Newton	28	20
Brooks	49	45	Muscogee	22	7	Cobb	34	17	Oconee	19	12
Bulloch	68	21	Peach	15	21	Columbia	29	14	Oglethorpe	44	7
Calhoun	28	14	Pierce	34	14	Coweta	44	20	Paulding	31	16
Candler	25	4	Pulaski	25	13	Dade	17	0	Pickens	23	9
Chattahoochee	25	1	Quitman	15	5	Dawson	21	7	Pike	22	14
Clay	20	11	Randolph	43	30	DeKalb	27	8	Polk	31	5
Coffee	60	24	Schley	17	11	Douglas	20	15	Putnam	34	11
Colquitt	55	29	Screven	65	16	Elbert	37	14	Rabun	37	3
Cook	23	18	Seminole	24	18	Fannin	39	14	Richmond	32	11
Crawford	33	14	Stewart	46	14	Fayette	20	38	Rockdale	13	11
Crisp	27	29	Sumter	49	53	Floyd	51	12	Spalding	20	24
Decatur	60	48	Talbot	39	20	Forsyth	23	14	Stephens	18	2
Dodge	50	24	Tattnall	48	15	Franklin	26	10	Taliaferro	20	3
Dooly	39	33	Taylor	38	13	Fulton	53	39	Telfair	44	10
Dougherty	33	30	Terrell	34	12	Gilmer	43	20	Towns	17	1
Early	51	36	Thomas	55	20	Glascock	14	4	Troup	41	15
Emanuel	69	15	Tift	27	22	Gordon	36	20	Twiggs	36	16
Evans	19	7	Toombs	37	11	Greene	39	5	Walker	45	6
Grady	46	29	Treutlen	20	5	Gwinnett	43	15	Walton	33	33
Harris	46	17	Turner	29	12	Habersham	28	8	Warren	29	4
Houston	38	12	Union	32	4	Hall	39	15	Washington	68	8
Irwin	36	33	Upson	33	12	Hancock	47	2	Webster	21	12
Jasper	37	20	Wayne	65	12	Haralson	28	3	Wheeler	30	0
Jeff Davis	33	6	Wilcox	38	14	Hart	23	14	White	24	10
Jenkins	35	4	Worth	57	35	Heard	30	3	Whitfield	29	6
Jones	39	17	Baldwin	26	9	Henry	32	41	Wilkes	47	4
Lamar	19	29	Banks	23	5	Jackson	34	26	Wilkinson	45	5
Laurens	81	29	Barrow	16	16	Jefferson	53	15		**Desired**	**To Date**
Lee	36	41	Bartow	46	17	Johnson	30	5	**Totals:--------->**	**5104**	**2251**

Notes: The "desired number of samples" is based on one sample per 10 square miles of county area. This does not take into account lands that do not have domestic wells such as areas served by municipal or private water supplies, military bases and other federal facilities, open lands, and lack of volunteer homeowners. The actual number of samples obtained may be substantially lower because of these factors.

APPENDIX C

Field Data Sheet

APPENDIX C: Field Data Sheet

FREE WELL WATER TESTING FOR PESTICIDES:
FIELD DATA SHEET

WELL ID _____

COUNTY _____

WELL OWNER _____

DATE _____

MEASUREMENTS BY _____

LATITUDE _____

LONGITUDE _____

Spigot location: _____

TIME	pH (std. units)	SPEC. COND. (mS)	TEMP. (degrees C)

The acidity (pH) of water is measured on a scale of 0 to 14. Values of pH less than 7.0 denote acidity and values greater than 7.0 indicate alkalinity. Corrosiveness of water generally increases with decreasing pH. However, excessively alkaline waters may also attack metals. A pH range between 6.0 and 8.5 generally is considered acceptable.

Specific conductivity is a measure of the ability of water to transmit an electric current an indirect measurement of the total dissolved solids content of the water. Water with a negligible total dissolved solids concentration will have a low specific conductivity. The specific conductivity of potable water normally ranges from 0.05 to 1.5mS.

Typical ambient temperatures of ground water used for drinking water supply in southern Georgia range from 18°C to 22°C.

APPENDIX D

Chain of Custody Form

APPENDIX D: Chain of Custody Form

Georgia Department of Agriculture
Atlanta Laboratory Building
19 Martin Luther King, Jr. Dr. SW
Atlanta, Georgia 30334

Thomas T. Irvin
Commissioner

Ground Water Sample Collection Report

Chain of Custody Record

Project _____

Well Name _____ Well ID _____

Sample Description (check one): Raw _____ Treated _____ Well _____ Stream _____ Spring _____
Other _____(describe) _____

Sampling Time _____ (24 hr) Sampling Date _____ (mm/dd/yy)

Collector Name _____ Agency _____ _____

Field pH _____ (Std. Units)

Screen Requested (check all applicable):
EPA Mtd 507_____EPA Mtd 508_____EPA Mtd 531.1_____EPA Mtd 555_____NPS Mtd 4_____

Collection containers:
EPA Method 507 and 508-1000 ml (approx.) collected as one sample in one 1-liter amber glass bottle;
EPA Method 531.1-60 ml collected in one 125-ml Teflon bottle;
EPA Method 555-1000 ml (approx.) collected in one 1-liter amber glass bottle;
NPS Method 4-1000 ml (approx.) collected in one 1-liter amber glass bottle.

Sample additives:
EPA methods 507-508 . . . **prior** to sampling, add 80 mg of sodium thiosulfate to container
EPA method 531.1. . . . . **prior** to sampling, add 5.0 mg of sodium thiosulfate plus1.8 ml of monochloroacetic acid buffer to container for each 60 ml of sample collected;
EPA method 555. . . . . **prior** to sampling, add 45 mg of sodium sulfite to container; after sampling add 1:1 HCl:reagent water to each sample to produce pH 2
NPS method 4. . . . . no additives

Transfer Section:
Condition of samples (i.e., broken bottle, leakers) _____
Comments: _____

Laboratory Section:
Date received: ___/___/___ Time: _____ (circle) a.m./p.m. Sample Custodian _____

Laboratory Numbers:		
	EPA Method 507	GW-_____-_____
	EPA Method 508	GW-_____-_____
	EPA Method 531.1	GW-_____-_____
	EPA Method 555	GW-_____-_____
	NPS Method 4	GW-_____-_____

Comments: _____

APPENDIX E

Immunoassay Flow Chart

ATRAZINE FLOWCHART

1

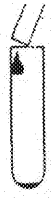
Remove upper rack from magnetic base.

Label test tubes for Standards, Control, and Samples.

Tube #	Content
1, 2	Diluent/Zero Standard, 0 ppb
3, 4	Standard 1 .1 ppb
5, 6	Standard 2 1 ppb
7, 8	Standard 3 5 ppb
9	Control
10	Sample 1
11	Sample 2

Add 200 µL of either Standards, Control or Samples to the **bottom** of each test tube by inserting the pipet tip all the way into the tube without touching the sides or the bottom of the tube.

2

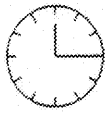


Add 250 µLof Atrazine Enzyme Conjugate down the inside wall of each tube by aiming the pipet tip 1/4" to 1/2" below the tube rim without touching the rim or tube wall with the pipet tip; deliver liquid gently.

3

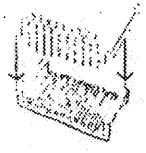
Add 500 µL of thoroughly mixed Atrazine Antibody Coupled Magnetic Particles down the inside wall of each tube by using the technique described in Box 2. *Vortex* for 1 to 2 seconds (at low speed to minimize foaming).

4



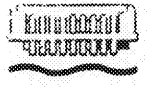
Incubate 15 minutes at room temperature (15°-30°C).

5



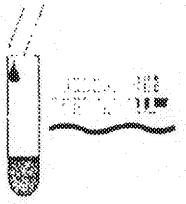
Combine the upper rack with the magnetic base; press all tubes into base; allow 2 minutes for the particles to separate.

6



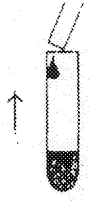
Do not separate upper rack from lower base. Using a smooth motion, *invert* the combined rack assembly over a sink and pour out the tube contents; keep inverted and gently blot the test tube rims on several layers of paper toweling.

7



Add 1 mL of Washing Solution down the inside wall of each tube by using the technique described in Box 2. *Wait 2 minutes.* Using a smooth motion, invert the combined rack assembly over a sink and pour out the tube contents; keep inverted and gently blot the test tube rims on several layers of paper toweling. **Repeat this step.**

8



Lift the upper rack (with its tubes) off the magnetic base; *add* 500 µLof Color Reagent down the inside wall of each tube by using the technique described in Box 2. *Vortex* for 1 to 2 seconds (at low speed to minimize foaming).

9

Incubate for 20 minutes at room temperature (15°- 30° C). During this period, add 1 mL of Washing Solution into a clean tube for use as an instrument blank in Step 10.

10

Add 500 µL of Stopping Solution down the inside wall of each tube by using the technique described in Box 2. (For 100 test kits see the package insert for Stopping Solution preparation.) **Safety Caution:** This solution is 2M sulfuric acid. *Read* results at 450 nm within 15 minutes after adding the Stopping Solution.

For Ordering or Technical Assistance Contact:
Ohmicron Environmental Diagnostics, Inc.

Atrazine Rapid Assay Kit Part # A00002 30 Tests
 # A00071 100 Tests

APPENDIX E: Immunoassay Flowchart

APPENDIX F

Example GDA Analysis Reports

Department of Agriculture
Chemical Laboratories Division – Ground Water Laboratory
Agriculture Building, Room 610
Atlanta, Georgia 30334
Phone: (404) 656-3716
Fax: (404) 463-6670

Thomas T. Irvin
Commissioner

Report of Analysis

Date Received: 01/26/01

Well Name/Well ID: Fox/321-04

Laboratory Number: GW-01-0392

Date Extracted: 01/29/01

Extraction Method: EPA Method 507 Analytical Sample Size (mL): 959

Final Extract Concentration (g sample/mL): 192

Injection Volume (µL): 3

Analyte	Storet #	MDL (ppb)	Concentration (ppb)	Analyte	Storet #	MDL (ppb)	Concentration (ppb)
Alachlor	77825	0.14	ND	Merphos	38496	0.040	ND
Ametryn	38401	0.20	ND	Methyl paraoxon	30009	0.30	ND
Atraton	38414	0.17	ND	Metolachlor	38923	0.19	ND
Atrazine	39033	0.015	ND	Metribuzin	81408	0.029	ND
Bromacil	82198	0.69	ND	Mevinphos	39610	0.87	ND
Butachlor	77860	0.12	ND	Molinate	49562	0.061	ND
Butylate	81410	0.033	ND	Napropamide	79195	0.069	ND
Carboxin	70978	0.18	ND	Norflurazon	78064	0.098	ND
Chlorpropham	82322	0.20	ND	Pebulate	79192	0.022	ND
Cycloate	04031	0.022	ND	Prometon	39056	0.041	ND
Diazinon	39750	0.13	ND	Prometryn	04036	0.024	ND
Dichlorvos (DDVP)	38775	0.28	ND	Pronamide	39080	0.28	ND
Diphenamid	30255	0.082	ND	Propazine	38535	0.014	ND
Disulfoton	39010	0.029	ND	Simazine	39055	0.014	ND
Disulfoton sulfone	81031	0.63	ND	Simetryn	39054	0.035	ND
Disulfoton sulfoxide	81888	0.082	ND	Stirofos	38877	0.18	ND
EPTC	81894	0.080	ND	Tebuthiuron	45607	0.58	ND
Ethoprop	81758	0.021	ND	Terbacil	38883	0.56	ND
Fenamiphos	38929	0.12	ND	Terbufos	82088	0.054	ND
Fenarimol	04101	0.20	ND	Terbutryn	38888	0.031	ND
Fluridone		2.8	ND	Triadimefon	38893	0.093	ND
Hexazinone	30264	0.15	ND	Tricyclazole	38903	0.21	ND
MGK 264	1098	0.19	ND	Vernolate	82200	0.055	ND

ND = None Detected

LMc/Mac
Analysts

2-7-01
Date Reported

Tunde Nuga
Laboratory Manager

Department of Agriculture
Chemical Laboratories Division – Ground Water Laboratory
Agriculture Building, Room 610
Atlanta, Georgia 30334
Phone: (404) 656-3716
Fax: (404) 463-6670

Thomas T. Irvin
Commissioner

Report of Analysis

Date Received: 01/26/01

Well Name/Well ID: Fox/321-04

Laboratory Number: GW-01-0393

Date Extracted: 01/29/01

Extraction Method: **EPA Method 508** Analytical Sample Size (mL): 959

Final Extract Concentration (g sample/mL): 192

Injection Volume (µL): 3

Analyte	Storet #	MDL (ppb)	Concentration (ppb)	Analyte	Storet #	MDL (ppb)	Concentration (ppb)
4,4-DDD		0.0044	ND	Heptachlor	39410	0.0015	ND
4,4-DDE		0.0025	ND	Heptachlor epoxide	39420	0.0059	ND
4,4-DDT		0.039	ND	Hexachlorobenzene	39700	0.0077	ND
Aldrin	39330	0.014	ND	Methoxychlor	39480	0.022	ND
Chlorobenzilate	39460	2.2	ND	Propachlor	38533	0.25	ND
Chloroneb	38423	0.25	ND	Trifluralin	81284	0.0026	ND
Chlorothalonil		0.011	ND	alpha-HCH		0.0053	ND
DCPA	39770	0.0032	ND	beta-HCH		0.0036	ND
Dieldrin	39380	0.011	ND	delta-HCH		0.0020	ND
Endosulfan I	34361	0.0092	ND	gamma-HCH	39782	0.0060	ND
Endosulfan II	34356	0.024	ND	alpha-chlordane	39348	0.0041	ND
Endosulfan sulfate	82623	0.0024	ND	gamma-chlordane	39810	0.0016	ND
Endrin	39390	0.0062	ND	cis-Permethrin		0.25	ND
Endrin aldehyde	82622	0.011	ND	trans-Permethrin	82420	0.18	ND
Etridiazole	38793	0.013	ND				

ND = None Detected

RML/MEL
Analysts

2-7-01
Date Reported

Tunde Nuga
Laboratory Manager

Department of Agriculture
Chemical Laboratories Division – Ground Water Laboratory
Agriculture Building, Room 610
Atlanta, Georgia 30334
Phone: (404) 656-3716
Fax: (404) 463-6670

Thomas T. Irvin
Commissioner

Report of Analysis

Date Received: 01/26/01

Well Name/Well ID: Fox/321-04

Laboratory Number: GW-01-0394

Date Extracted: 01/29/01

Extraction Method: EPA Method 531.1 Analytical Sample Size (mL): 50

Final Extract Concentration (g sample/mL): 1

Injection Volume (µL): 400

Analyte	Storet #	MDL (ppb)	Concentration (ppb)
Aldicarb	39053	0.22	ND
Aldicarb sulfone	04257	1.0	ND
Aldicarb sulfoxide	04260	0.59	ND
Aprocarb		1.0	ND
Carbaryl	77700	1.3	ND
Carbofuran	81450	0.52	ND
3- Hydroxycarbofuran	82584	1.9	ND
Methiocarb	38500	1.9	ND
Methomyl	39051	0.29	ND
Oxamyl	38866	0.86	ND

ND = None Detected

RM/mpc
Analysis

2-7-01
Date Reported

Tunde Nuga
Laboratory Manager

Department of Agriculture
Chemical Laboratories Division – Ground Water Laboratory
Agriculture Building, Room 610
Atlanta, Georgia 30334
Phone: (404) 656-3716
Fax: (404) 463-6670

Thomas T. Irvin
Commissioner

Report of Analysis

Date Received: 01/26/01

Well Name/Well ID: Fox/321-04

Laboratory Number: GW-01-0395

Date Extracted: 01/30/01

Extraction Method: EPA Method 555

Analytical Sample Size (mL): 150

Final Extract Concentration (g sample/mL): 150

Injection Volume (µL): 100

Analyte	Storet #	MDL (ppb)	Concentration (ppb)	Analyte	Storet #	MDL (ppb)	Concentration (ppb)
2, 4-D	39730	1.3	ND	Dicamba, 5-hydroxy-		2.2	ND
2, 4-DB	38746	1.9	ND	Dichlorprop	38451	1.7	ND
2, 4, 5-TP	39760	1.8	ND	Dinoseb	38779	1.5	ND
2, 4, 5-T		1.3	ND	MCPA		0.8	ND
3, 5 Dichlorobenzoic Acid		2.1	ND	MCPP		1.7	ND
Acifluorfen		1.7	ND	4-Nitrophenol		1.2	ND
Bentazon	38711	4.6	ND	Pentachlorophenol		1.6	ND
Chloramben		3.1	ND	Picloram	39720	0.5	ND
Dicamba	38442	2.1	ND				

ND = None Detected

RML/MDL
Analysis

2-7-01
Date Reported

Tunde Nuga
Laboratory Manager

APPENDIX F: Example GDA Analysis Reports

Department of Agriculture
Chemical Laboratories Division – Ground Water Laboratory
Agriculture Building, Room 610
Atlanta, Georgia 30334
Phone: (404) 656-3716
Fax: (404) 463-6670

Thomas T. Irvin
Commissioner

Report of Analysis

Date Received: 01/26/01

Well Name/Well ID: Fox/321-04

Laboratory Number: GW-01-0396

Date Extracted: 01/31/01

Extraction Method: NPS Method #4

Analytical Sample Size (mL): 964

Final Extract Concentration (g sample/mL): 193

Injection Volume (µL): 50

Analyte	Storet #	MDL (ppb)	Concentration (ppb)	Analyte	Storet #	MDL (ppb)	Concentration (ppb)
Atrazine, dealkylated	75981	0.25	ND	Metribuzin DA	81408	0.21	ND
Barban	38418	0.50	ND	Metribuzin DADK	81408	2.5	ND
Carbofuran, phenol	81450	1.8	ND	Metribuzin DK	81408	0.10	ND
Cyanazine	81757	0.58	ND	Neburon	38521	0.15	ND
Diuron	39650	0.070	ND	Pronamide metabolites	39080	0.81	ND
Fenamiphos sulfone		5.7	ND	Propanil		0.067	ND
Fenamiphos sulfoxide		1.0	ND	Propham		0.75	ND
Fluometuron	38810	0.10	ND	Swep	38554	0.75	ND
3-ketocarbofuran phenol		0.25	ND				
Linuron	38477	0.25	ND				

ND = None Detected

RMC/MP
Analysts

2-7-01
Date Reported

Tunde Nuga
Laboratory Manager

APPENDIX G

Resample Data Sheet

APPENDIX G: Resample Data Sheet

DOMESTIC WELL WATER TESTING FOR PESTICIDES
RE-SAMPLE DATA

WELL ID #: _____ DATE: _____

COUNTY: _____ OBSERVER: _____

WELL OWNER: _____

ADDRESS: _____

_____

				RE-SAMPLE LABORATORY RESULTS			
TIME	DEPTH	pH	TEMP (C)	Alachlor (ppb)	Atrazine (ppb)	Metola-chlor (ppb)	Simazine (ppb)

COMMENTS: _____

_____

WELL HEAD CONDITION AND LAND USE INVENTORY

LOCATION OF SPIGOT	DIST. FROM WELL

CONDITION OF WELL:

	PRESENT	DAMAGED	ABSENT	Comments
Cement Pad				
Well House				

LANDSCAPE SURROUNDING WELL:

					Comments
	Grass		Ditch		Cultivated Field
	Dirt		Stream		Garden
	Trees		Pond		

LAND USE WITHIN 50 METERS OF WELL:

					Comments
	Pesticide Mix/Stg.		Crop Farming		Vehicle Parking
	Waste Disposal		Animal Enclosures		
	Machinery		Irrigation		
	Debris		Industry		

APPENDIX H

Summary Information for Domestic Wells Sampled from May 2000 through December 2001

Appendix H: Summary Information for Domestic Wells Sampled from May 2000 through December 2001.

Well ID	County	Well Depth (ft)	Latitude	Longitude	Initial Visit Date	Type of Samples (1)	USEPA Method 507 Results
001-02	Appling	18	31 44 03.73	82 20 58.12	11/30/00	IA Only	Not Analyzed
001-03	Appling	Unknown	31 47 35.74	82 28 52.61	11/30/00	IA Only	Not Analyzed
001-04	Appling	23	31 33 01.24	82 10 25.8	11/30/00	IA Only	Not Analyzed
001-05	Appling	Unknown	31 48 31.14	82 26 48.5	11/30/00	IA Only	Not Analyzed
001-06	Appling	Unknown	31 53 20.47	82 24 43.7	11/30/00	IA Only	Not Analyzed
001-07	Appling	30	31 43 29.00	82 30 44.88	11/30/00	IA Only	Not Analyzed
001-08	Appling	568	31 47 36.90	82 17 46.17	11/30/00	IA Only	Not Analyzed
001-09	Appling	30	31 37 52.82	82 16 07.72	11/30/00	IA/Resample	Below Detection Limits
001-10	Appling	Unknown	31 28 40.33	82 08 51.22	11/30/00	IA Only	Not Analyzed
001-15A	Appling	600	31 41 10.11	82 14 37.58	8/23/01	IA Only	Not Analyzed
001-15B	Appling	37	31 41 10.11	82 14 37.58	8/23/01	IA Only	Not Analyzed
001-16	Appling	500	31 49 08.34	82 12 28.62	8/23/01	IA Only	Not Analyzed
001-19	Appling	500	31 52 15.45	82 20 32.19	8/23/01	IA Only	Not Analyzed
001-20	Appling	500	31 52 17.23	82 20 57.77	8/23/01	IA Only	Not Analyzed
001-21	Appling	Unknown	31 43 43.13	82 17 51.53	8/23/01	IA Only	Not Analyzed
003-01A	Atkinson	17	31 12 29.64	82 51 22.44	10/30/01	IA Only	Not Analyzed
003-01B	Atkinson	240	31 12 29.64	82 51 22.44	10/30/01	IA Only	Not Analyzed
003-02	Atkinson	Unknown	31 23 46.08	82 51 52.98	10/30/01	IA Only	Not Analyzed
003-03	Atkinson	Unknown	31 22 35.76	82 51 55.14	10/30/01	IA Only	Not Analyzed
003-04	Atkinson	Unknown	31 20 49.38	82 52 25.86	10/30/01	IA Only	Not Analyzed
003-05	Atkinson	Unknown	31 16 33.90	82 44 21.96	10/30/01	IA Only	Not Analyzed
003-06	Atkinson	Unknown	31 23 56.16	82 56 15.18	10/30/01	IA Only	Not Analyzed
003-07	Atkinson	327	31 19 51.24	82 44 57.60	10/30/01	IA Only	Not Analyzed
003-10	Atkinson	300	31 21 39.78	82 43 40.80	10/30/01	IA Only	Not Analyzed
003-11	Atkinson	380	31 20 06.24	82 48 59.64	10/30/01	IA Only	Not Analyzed
003-12	Atkinson	380	31 17 50.82	82 44 04.68	10/30/01	IA Only	Not Analyzed
003-13	Atkinson	250	31 22 33.90	83 00 00.30	10/30/01	IA Only	Not Analyzed
005-01	Bacon	20	31 33 52.71	82 25 56.20	10/19/00	IA Only	Not Analyzed
005-02	Bacon	40	31 28 24.57	82 26 52.99	10/19/00	IA Only	Not Analyzed
005-03	Bacon	30	31 30 19.10	82 30 27.38	10/19/00	IA Only	Not Analyzed
005-04	Bacon	32	31 29 41.32	82 19 19.50	10/19/00	IA/QA Samples	Alachlor (1.5 ppb)
005-08	Bacon	24	31 31 11.9	82 26 25.67	10/19/00	IA Only	Not Analyzed
005-11	Bacon	Unknown	31 33 49.61	82 30 41.58	10/19/00	IA/QA Samples	Alachlor (6.2 ppb)
005-12	Bacon	Unknown	31 29 11.72	82 20 32.46	10/19/00	IA Only	Not Analyzed
005-13	Bacon	700	31 26 53.92	82 23 14.37	10/19/00	IA Only	Not Analyzed
005-15	Bacon	35	31 39 20.04	82 27 21.14	11/29/00	IA Only	Not Analyzed
005-16	Bacon	22	31 31 21.14	82 26 56.94	11/29/00	IA Only	Not Analyzed
005-17	Bacon	Unknown	31 39 05.40	82 36 29.75	11/29/00	IA Only	Not Analyzed
005-18	Bacon	Unknown	31 36 35.46	82 34 50.80	11/29/00	IA Only	Not Analyzed
005-19	Bacon	20	31 33 11.71	82 29 29.14	8/22/01	IA Only	Not Analyzed
005-20	Bacon	500	31 28 22.86	82 25 19.57	8/22/01	IA Only	Not Analyzed
005-22	Bacon	Unknown	31 37 27.54	82 24 34.14	8/22/01	IA Only	Not Analyzed
005-23	Bacon	28	31 35 00.00	82 26 20.50	8/22/01	IA Only	Not Analyzed
005-24	Bacon	350	31 36 50.98	82 35 37.46	8/22/01	IA Only	Not Analyzed
005-25	Bacon	20	31 35 00.46	82 29 48.24	8/22/01	IA Only	Not Analyzed
007-02	Baker	40-80	31 23 46.00	84 27 11.00	8/2/00	IA/QA Samples	Below Detection Limits
007-03	Baker	Unknown	31 21 24.77	84 29 02.05	11/1/00	IA Only	Not Analyzed
007-04	Baker	100	31 18 27.06	84 25 14.95	8/2/00	IA/QA Samples	Below Detection Limits
007-05	Baker	110	31 25 57	32 40 00	8/2/00	IA/QA Samples	Below Detection Limits
007-06	Baker	Unknown	31 13 09.35	84 30 59.31	8/2/00	IA/QA Samples	Below Detection Limits
007-08	Baker	22	31 18 27.06	84 24 19.08	8/29/00	IA Only	Not Analyzed
007-09	Baker	<100	31 22 58.71	84 32 40.57	8/2/00	IA/QA Samples	Below Detection Limits
007-10	Baker	Unknown	31 22 21	84 20 08	8/2/00	IA/QA Samples	Below Detection Limits

007-11	Baker	150	31 24 32.88	84 36 29.88	8/29/00	IA Only	Not Analyzed
007-12	Baker	Unknown	31 23 07.97	84 37 15.31	8/2/00	IA/Resample	Below Detection Limits
007-15	Baker	100	31 18 28.94	84 36 00.02	8/29/00	IA Only	Not Analyzed
007-16	Baker	Unknown	31 21 09.65	84 15 19.94	11/1/00	IA Only	Not Analyzed
007-17	Baker	Unknown	31 23 36.80	84 12 45.42	11/1/00	IA Only	Not Analyzed
007-18	Baker	Unknown	31 26 22.58	84 12 39.92	11/1/00	IA Only	Not Analyzed
007-19	Baker	100	31 24 13.17	84 16 58.97	11/1/00	IA Only	Not Analyzed
007-20	Baker	Unknown	31 21 56.49	84 23 46.41	11/1/00	IA Only	Not Analyzed
007-21	Baker	Unknown	31 16 27.51	84 30 16.13	11/1/00	IA Only	Not Analyzed
007-22	Baker	Unknown	31 17 03.03	84 33 41.30	11/1/00	IA Only	Not Analyzed
007-24	Baker	Unknown	31 13 52.88	84 26 28.22	11/8/00	IA Only	Not Analyzed
017-01	Ben Hill	400	31 40 48.25	83 10 46.24	10/11/00	IA Only	Not Analyzed
017-02	Ben Hill	>130	31 46 41.11	83 12 37.74	10/11/00	IA Only	Not Analyzed
017-03	Ben Hill	345	31 43 48.40	83 11 52.14	10/11/00	IA Only	Not Analyzed
017-04	Ben Hill	300	31 42 45.32	83 07 46.44	10/11/00	IA Only	Not Analyzed
017-05	Ben Hill	Unknown	31 42 54.20	83 10 26.50	6/7/01	IA Only	Not Analyzed
017-07	Ben Hill	325	31 44 27.64	83 19 28.74	10/11/00	IA Only	Not Analyzed
017-09	Ben Hill	200	31 46 31.02	83 20 11.92	10/11/00	IA Only	Not Analyzed
017-11	Ben Hill	300	31 46 42.2	83 06 54.3	6/7/01	IA Only	Not Analyzed
017-12	Ben Hill	Unknown	31 42 52.4	83 18 34.5	6/7/01	IA Only	Not Analyzed
017-13	Ben Hill	273	31 48 52.3	83 24 50.6	6/7/01	IA Only	Not Analyzed
017-14	Ben Hill	Unknown	31 50 31.7	83 23 52.9	6/7/01	IA/Resample	Below Detection Limits
017-15	Ben Hill	240	31 46 37.6	83 04 21.1	6/28/01	IA/QA Samples	Below Detection Limits
017-16	Ben Hill	499	31 46 07.8	83 10 35.5	6/27/01	IA/QA Samples	Below Detection Limits
019-01	Berrien	Unknown	31 03 45.14	83 16 01.43	9/28/00	IA/Resample	Below Detection Limits
019-02	Berrien	227	31 16 31.92	83 10 42.77	9/28/00	IA Only	Not Analyzed
019-03	Berrien	Unknown	31 26 26.3	83 12 08.48	9/28/00	IA Only	Not Analyzed
019-04	Berrien	Unknown	31 26 09.07	83 09 48.12	9/28/00	IA Only	Not Analyzed
019-06	Berrien	270	31 13 26.57	83 14 22.04	9/28/00	IA Only	Not Analyzed
019-07A	Berrien	Unknown	31 14 59.36	83 16 09.07	9/28/00	IA Only	Not Analyzed
019-07B	Berrien	Unknown	31 15 00.34	83 16 07.40	9/28/00	IA Only	Not Analyzed
019-09A	Berrien	56	31 15 53.25	83 12 55.50	9/28/00	IA Only	Not Analyzed
019-09B	Berrien	54	31 15 50.62	83 12 55.55	9/28/00	IA Only	Not Analyzed
019-12	Berrien	160	31 27 22.93	83 18 33.73	9/28/00	IA Only	Not Analyzed
019-13	Berrien	Unknown	31 19 50.52	83 18 55.80	10/20/00	IA Only	Not Analyzed
019-14	Berrien	150	31 27 13.12	83 20 21.66	11/1/00	IA/Resample	Below Detection Limits
019-15	Berrien	250	31 28 12.49	83 11 05.40	11/1/00	IA/Resample	Below Detection Limits
019-16	Berrien	Unknown	31 05 10.06	83 12 19.47	11/1/00	IA Only	Not Analyzed
019-17	Berrien	40	31 16 25.12	83 23 43.82	11/1/00	IA Only	Not Analyzed
019-18	Berrien	Unknown	31 20 06.88	83 08 48.29	11/1/00	IA Only	Not Analyzed
019-19	Berrien	Unknown	31 16 18.80	83 07 05.57	11/1/00	IA Only	Not Analyzed
019-20	Berrien	40	31 13 01.36	83 18 51.28	10/18/01	IA Only	Not Analyzed
019-21	Berrien	396	31 14 41.98	83 14 40.36	10/18/01	IA Only	Not Analyzed
019-22	Berrien	10.5	31 12 58.73	83 12 24.26	10/18/01	IA Only	Not Analyzed
019-23	Berrien	25	31 07 04.82	83 11 44.72	10/18/01	IA Only	Not Analyzed
019-24	Berrien	40	31 04 42.00	83 14 42.43	10/18/01	IA Only	Not Analyzed
019-25	Berrien	14	31 15 49.44	83 03 36.83	10/18/01	IA Only	Not Analyzed
019-26	Berrien	580	31 22 30.56	83 21 47.90	10/18/01	IA Only	Not Analyzed
021-01	Bibb	Unknown	32 46 53.67	83 49 54.94	9/21/01	IA Only	Not Analyzed
021-03	Bibb	Unknown	32 51 00.50	83 43 07.20	7/20/01	IA Only	Not Analyzed
021-04	Bibb	Unknown	32 43 01.00	83 37 25.50	7/19/01	IA Only	Not Analyzed
021-06	Bibb	Unknown	32 50 27.20	83 48 09.90	7/19/01	IA Only	Not Analyzed
021-08	Bibb	Unknown	32 44 13.10	83 43 53.20	7/19/01	IA Only	Not Analyzed
021-10	Bibb	Unknown	32 49 14.59	83 30 34.16	10/24/01	IA/QA Samples	Below Detection Limits
023-01	Bleckley	Unknown	32 24 36.20	83 13 35.20	7/19/01	IA Only	Not Analyzed
023-02	Bleckley	Unknown	32 22 03.80	83 16 48.60	7/19/01	IA Only	Not Analyzed
023-03	Bleckley	156	32 22 19.90	83 22 22.10	7/19/01	IA Only	Not Analyzed
023-04	Bleckley	175	32 25 42.70	83 17 51.00	7/19/01	IA Only	Not Analyzed

023-05	Bleckley	20+	32 29 43.91	83 11 24.95	9/20/01	IA Only	Not Analyzed
023-06	Bleckley	100	32 27 18.37	83 11 06.72	9/20/01	IA Only	Not Analyzed
023-07	Bleckley	90	32 18 51.21	83 21 24.69	9/20/01	IA Only	Not Analyzed
023-08	Bleckley	90	32 33 01.22	83 17 34.60	9/20/01	IA Only	Not Analyzed
023-09	Bleckley	105	32 30 11.01	83 14 15.29	9/20/01	IA/Resample	Below Detection Limits
023-10	Bleckley	225	32 29 06.31	83 14 30.11	9/20/01	IA Only	Not Analyzed
027-01	Brooks	Unknown	30 51 38.32	83 34 49.31	9/21/00	IA Only	Not Analyzed
027-02	Brooks	Unknown	30 45 30.44	83 32 03.50	9/21/00	IA Only	Not Analyzed
027-03	Brooks	210	30 55 17.55	83 34 29.13	9/21/00	IA Only	Not Analyzed
027-04	Brooks	Unknown	30 57 20.09	83 34 31.66	9/21/00	IA Only	Not Analyzed
027-05	Brooks	180	30 48 26.95	83 41 31.53	9/21/00	IA Only	Not Analyzed
027-06	Brooks	Unknown	30 53 32.22	83 41 04.91	9/21/00	IA Only	Not Analyzed
027-07	Brooks	Unknown	30 55 35.38	83 42 26.08	9/21/00	IA Only	Not Analyzed
027-08	Brooks	365-375	30 45 31.52	83 38 21.00	9/21/00	IA Only	Not Analyzed
027-09	Brooks	Unknown	30 42 58.69	83 32 18.41	9/21/00	IA Only	Not Analyzed
027-10	Brooks	325	30 59 48.50	83 32 47.58	12/6/00	IA Only	Not Analyzed
027-11	Brooks	155	30 58 17.74	83 28 21.13	12/6/00	IA Only	Not Analyzed
027-13	Brooks	180	30 48 21.64	83 30 35.26	12/6/00	IA/Resample	Below Detection Limits
027-14	Brooks	320	30 54 42.62	83 32 11.88	12/6/00	IA/Resample	Below Detection Limits
027-15	Brooks	180-240	30 48 49.70	83 35 18.74	12/6/00	IA/Resample	Below Detection Limits
027-17	Brooks	275	30 47 55.67	83 28 33.1	12/6/00	IA/Resample	Below Detection Limits
027-18	Brooks	Unknown	30 38 50.09	83 24 29.80	12/7/00	IA Only	Not Analyzed
027-19	Brooks	Unknown	30 39 46.65	83 28 42.86	12/7/00	IA Only	Not Analyzed
027-20	Brooks	Unknown	30 40 26.40	83 32 13.54	12/7/00	IA/Resample	Below Detection Limits
027-22	Brooks	Unknown	30 52 07.23	83 23 58.26	4/11/01	IA Only	Not Analyzed
027-23	Brooks	150	31 00 04.30	83 28 16.26	4/11/01	IA Only	Not Analyzed
027-27A	Brooks	180-220	30 51 04.15	83 37 36.78	4/11/01	IA Only	Not Analyzed
027-27B	Brooks	Unknown	30 51 03.36	83 37 30.12	4/11/01	IA/QA Samples	Below Detection Limits
027-28	Brooks	270	30 49 34.53	83 40 47.04	4/11/01	IA/QA Samples	Below Detection Limits
027-29A	Brooks	250	30 45 57.47	83 34 10.14	4/12/01	IA Only	Not Analyzed
027-29B	Brooks	250	30 45 51.24	83 34 27.82	4/12/01	IA/QA Samples	Below Detection Limits
027-30	Brooks	275	30 56 14.91	83 32 24.80	4/11/01	IA/QA Samples	Below Detection Limits
027-32	Brooks	Unknown	30 57 43.38	83 43 18.81	7/25/01	IA Only	Not Analyzed
027-33	Brooks	175	30 40 35.06	83 41 26.88	7/25/01	IA Only	Not Analyzed
027-34	Brooks	Unknown	30 53 27.92	83 30 18.98	7/25/01	IA Only	Not Analyzed
027-35	Brooks	Unknown	30 41 50.90	83 40 04.99	7/25/01	IA Only	Not Analyzed
027-36	Brooks	200	30 52 30.87	83 38 50.01	7/25/01	IA Only	Not Analyzed
027-37	Brooks	176	30 45 57.47	83 36 21.48	7/25/01	IA Only	Not Analyzed
027-38	Brooks	>100	31 01 37.73	83 36 21.48	7/25/01	IA Only	Not Analyzed
027-39	Brooks	75-125	30 47 09.25	83 42 56.55	7/25/01	IA Only	Not Analyzed
027-40	Brooks	Unknown	30 53 46.11	83 38 38.83	7/25/01	IA Only	Not Analyzed
027-41	Brooks	210	30 51 03.26	83 32 24.46	7/25/01	IA Only	Not Analyzed
027-42	Brooks	300	30 59 35.90	83 44 08.11	7/25/01	IA/Resample	Below Detection Limits
027-43	Brooks	300	30 40 21.71	83 37 47.84	7/25/01	IA Only	Not Analyzed
027-45	Brooks	200	30 59 40.86	83 44 13.07	10/10/01	IA Only	Not Analyzed
031-01	Bulloch	Unknown	32 13 49.00	81 41 32.30	7/11/01	IA Only	Not Analyzed
031-02	Bulloch	307	32 14 07.30	81 30 34.40	7/11/01	IA/Resample	Below Detection Limits
031-03	Bulloch	Unknown	32 26 56.40	81 41 37.30	7/12/01	IA Only	Not Analyzed
031-05	Bulloch	Unknown	32 12 55.60	81 37 29.10	7/11/01	IA Only	Not Analyzed
031-06	Bulloch	Unknown	32 29 41.90	81 41 17.50	7/12/01	IA Only	Not Analyzed
031-07	Bulloch	Unknown	32 19 22.50	81 32 30.60	7/11/01	IA Only	Not Analyzed
031-08	Bulloch	Unknown	32 29 21.80	81 48 35.90	7/12/01	IA Only	Not Analyzed
031-09A	Bulloch	560	32 25 07.00	81 51 08.30	7/12/01	IA Only	Not Analyzed
031-09b	Bulloch	30	32 25 07.00	81 51 08.30	7/12/01	IA Only	Not Analyzed
031-10	Bulloch	Unknown	32 23 42.20	81 45 37.90	7/12/01	IA Only	Not Analyzed
031-11	Bulloch	Unknown	32 14 21.10	81 26 49.90	7/11/01	IA Only	Not Analyzed
031-12	Bulloch	Unknown	32 16 55.30	81 51 29.00	7/12/01	IA Only	Not Analyzed
031-14	Bulloch	Unknown	32 32 45.30	81 48 23.00	8/2/01	IA Only	Not Analyzed

031-15	Bulloch	Unknown	32 28 36.90	81 32 38.50	8/2/01	IA Only	Not Analyzed
031-16	Bulloch	175	32 15 23.00	81 38 24.40	7/11/01	IA Only	Not Analyzed
031-17	Bulloch	100	32 19 39.30	81 41 49.70	7/11/01	IA Only	Not Analyzed
031-18	Bulloch	Unknown	32 29 55.00	81 54 35.60	8/2/01	IA Only	Not Analyzed
031-19	Bulloch	300	32 31 03.84	81 51 57.21	10/5/01	IA Only	Not Analyzed
031-20	Bulloch	350	32 20 59.76	81 44 29.87	10/4/01	IA Only	Not Analyzed
031-21	Bulloch	150	32 19 41.22	81 48 18.93	10/4/01	IA Only	Not Analyzed
031-22	Bulloch	400	32 36 58.76	81 57 13.51	10/5/01	IA Only	Not Analyzed
031-23	Bulloch	150	32 18 00.43	81 56 27.57	10/4/01	IA Only	Not Analyzed
031-25	Bulloch	265	32 33 56.85	81 59 50.69	10/5/01	IA Only	Not Analyzed
031-26	Bulloch	Unknown	32 36 09.64	81 56 42.74	10/5/01	IA Only	Not Analyzed
031-27	Bulloch	Unknown	32 23 07.86	81 45 00.06	10/4/01	IA Only	Not Analyzed
031-28	Bulloch	535	32 19 39.49	81 54 39.96	10/4/01	IA Only	Not Analyzed
031-29	Bulloch	150	32 15 33.37	81 49 15.32	11/29/01	IA/QA Samples	Below Detection Limits
031-30	Bulloch	460	32 18 30.18	81 28 47.62	10/4/01	IA Only	Not Analyzed
031-31	Bulloch	480	32 23 17.50	81 51 15.87	10/4/01	IA/Resample	Below Detection Limits
031-32	Bulloch	375	32 22 23.66	81 35 12.92	10/4/01	IA/Resample	Below Detection Limits
031-33	Bulloch	400	32 22 16.28	81 48 52.05	10/4/01	IA Only	Not Analyzed
037-01	Calhoun	<100	31 33 11.00	84 36 34.60	7/13/00	IA/QA Samples	Below Detection Limits
037-03	Calhoun	285	31 29 29.20	84 31 30.60	7/7/00	IA/QA Samples	Below Detection Limits
037-04	Calhoun	196	31 35 26.80	84 48 21.30	7/7/00	IA/QA Samples	Below Detection Limits
037-05	Calhoun	Unknown	31 34 06.50	84 46 57.32	3/14/01	IA/QA Samples	Below Detection Limits
037-06	Calhoun	Unknown	31 28 05.00	84 36 07.40	7/13/00	IA Only	Not Analyzed
037-07	Calhoun	Unknown	31 36 26.20	84 42 42.01	3/14/01	IA/QA Samples	Below Detection Limits
037-08	Calhoun	120	31 38 05.60	84 33 56.50	7/13/00	IA Only	Not Analyzed
037-09	Calhoun	Unknown	31 33 02.10	84 44 20.00	7/7/00	IA/QA Samples	Below Detection Limits
037-10	Calhoun	Unknown	31 33 59.20	84 44 35.20	3/14/01	IA Only	Not Analyzed
037-11	Calhoun	Unknown	31 34 14.56	84 36 36.24	7/24/01	IA Only	Not Analyzed
037-13	Calhoun	Unknown	31 35 26.35	84 34 37.31	7/24/01	IA Only	Not Analyzed
037-14A	Calhoun	100	31 34 00.14	84 30 27.07	7/24/01	IA Only	Not Analyzed
037-14B	Calhoun	100	31 34 00.14	84 30 27.07	7/24/01	IA Only	Not Analyzed
037-15	Calhoun	90	31 32 01.73	84 38 21.24	7/24/01	IA Only	Not Analyzed
037-16	Calhoun	Unknown	31 30 06.15	84 43 41.25	7/24/01	IA Only	Not Analyzed
037-17	Calhoun	Unknown	31 26 53.22	84 40 45.50	7/24/01	IA Only	Not Analyzed
037-18	Calhoun	Unknown	31 27 59.27	84 43 00.16	7/24/01	IA Only	Not Analyzed
043-01	Candler	Unknown	32 21 15.12	82 10 12.66	10/16/01	IA Only	Not Analyzed
043-02	Candler	Unknown	32 20 30.72	82 01 52.71	11/30/01	IA Only	Not Analyzed
043-04	Candler	440	32 24 32.92	82 07 05.75	10/5/01	IA Only	Not Analyzed
043-05	Candler	400	32 25 50.70	82 05 17.11	10/5/01	IA Only	Not Analyzed
043-06	Candler	340	32 23 20.94	82 06 08.16	10/16/01	IA Only	Not Analyzed
043-07	Candler	387	32 20 31.56	82 10 38.22	10/16/01	IA Only	Not Analyzed
043-08	Candler	36	32 21 32.04	82 12 08.28	10/16/01	IA Only	Not Analyzed
043-10	Candler	520	32 27 47.01	82 03 01.70	10/5/01	IA Only	Not Analyzed
043-11	Candler	Unknown	32 19 20.04	82 11 18.96	10/16/01	IA Only	Not Analyzed
043-12	Candler	Unknown	32 20 32.18	82 05 08.87	10/4/01	IA Only	Not Analyzed
061-01	Clay	160	31 44 49.88	85 05 53.99	10/5/00	IA Only	Not Analyzed
061-02	Clay	Unknown	31 42 26.32	85 05 29.64	10/5/00	IA Only	Not Analyzed
061-03	Clay	Unknown	31 39 49.11	85 02 57.11	10/5/00	IA Only	Not Analyzed
061-04	Clay	150	31 46 28.90	85 06 48.65	10/5/00	IA Only	Not Analyzed
061-05	Clay	Unknown	31 44 29.53	85 03 27.87	10/5/00	IA Only	Not Analyzed
061-06	Clay	Unknown	31 32 49.77	84 51 36.24	10/5/00	IA Only	Not Analyzed
061-07	Clay	Unknown	31 44 40.52	85 03 19.81	6/14/01	IA/Resample	Below Detection Limits
061-08	Clay	80	31 35 56.98	84 57 42.42	6/14/01	IA Only	Not Analyzed
061-09	Clay	Unknown	31 35 09.81	84 56 12.95	6/14/01	IA Only	Not Analyzed
061-10	Clay	420	31 30 24.12	85 01 05.34	6/14/01	IA Only	Not Analyzed
061-11	Clay	160	31 40 35.80	85 00 26.80	6/14/01	IA/Resample	Below Detection Limits
069-01	Coffee	69	31 31 00.71	82 53 00.61	10/18/00	IA Only	Not Analyzed
069-02	Coffee	500	31 34 54.97	82 50 59.02	10/18/00	IA/Resample	Below Detection Limits

069-03	Coffee	Unknown	31 33 27.13	82 57 30.32	10/18/00	IA Only	Not Analyzed
069-04	Coffee	Unknown	31 33 01.81	83 01 45.53	10/18/00	IA/QA Samples	Below Detection Limits
069-05A	Coffee	600	31 36 54.23	82 57 22.11	10/18/00	IA Only	Not Analyzed
069-05B	Coffee	47	31 36 54.13	82 57 20.76	10/18/00	IA/QA Samples	Below Detection Limits
069-06	Coffee	300	31 27 54.17	82 48 42.48	10/18/00	IA Only	Not Analyzed
069-07	Coffee	30-40	31 33 49.11	83 01 22.52	10/18/00	IA Only	Not Analyzed
069-08	Coffee	Unknown	31 28 22.55	83 07 25.57	11/15/00	IA Only	Not Analyzed
069-09	Coffee	Unknown	31 30 49.47	83 02 10.01	11/15/00	IA Only	Not Analyzed
069-10	Coffee	Unknown	31 25 00.54	82 56 59.38	11/15/00	IA Only	Not Analyzed
069-11	Coffee	Unknown	31 31 40.78	82 57 59.13	11/15/00	IA Only	Not Analyzed
069-12	Coffee	Unknown	31 41 50.88	82 55 25.45	11/15/00	IA Only	Not Analyzed
069-13	Coffee	Unknown	31 45 26.53	82 52 45.77	11/15/00	IA Only	Not Analyzed
069-14	Coffee	Unknown	31 38 42.60	82 48 44.41	11/15/00	IA Only	Not Analyzed
069-15	Coffee	Unknown	31 38 03.85	82 41 30.82	11/14/00	IA Only	Not Analyzed
069-16	Coffee	200	31 34 07.45	82 45 13.09	11/14/00	IA Only	Not Analyzed
069-17	Coffee	Unknown	31 29 20.80	82 38 34.01	11/14/00	IA Only	Not Analyzed
069-18	Coffee	Unknown	31 24 55.38	82 40 52.68	11/14/00	IA Only	Not Analyzed
069-19	Coffee	Unknown	31 22 28.57	82 45 41.60	11/14/00	IA Only	Not Analyzed
069-20	Coffee	Unknown	31 26 59.61	82 58 55.32	11/14/00	IA Only	Not Analyzed
069-21	Coffee	Unknown	31 28 24.03	83 03 44.37	11/14/00	IA Only	Not Analyzed
069-22	Coffee	Unknown	31 30 14.34	82 44 09.56	11/14/00	IA Only	Not Analyzed
071-01	Colquitt	320	31 04 41.89	83 49 14.25	10/11/00	IA Only	Not Analyzed
071-02	Colquitt	Unknown	31 14 58.59	83 45 40.82	10/11/00	IA Only	Not Analyzed
071-03	Colquitt	48	31 05 07.76	83 42 09.58	10/12/00	IA Only	Not Analyzed
071-04	Colquitt	140	31 19 31.99	83 36 23.86	10/12/00	IA Only	Not Analyzed
071-05	Colquitt	420	31 07 34.09	83 55 21.04	10/12/00	IA Only	Not Analyzed
071-06	Colquitt	400	31 12 16.23	83 44 30.54	10/12/00	IA Only	Not Analyzed
071-07	Colquitt	400	31 06 24.91	83 51 22.54	10/12/00	IA Only	Not Analyzed
071-08	Colquitt	Unknown	31 03 01.43	83 47 27.44	10/12/00	IA Only	Not Analyzed
071-09	Colquitt	480	31 04 02.48	83 52 17.47	10/11/00	IA Only	Not Analyzed
071-11	Colquitt	180	31 17 47.11	83 59 37.97	10/19/00	IA Only	Not Analyzed
071-12	Colquitt	300	31 16 58.20	83 42 56.29	10/13/00	IA Only	Not Analyzed
071-13	Colquitt	600	31 18 16.36	83 47 42.53	10/13/00	IA Only	Not Analyzed
071-14	Colquitt	Unknown	31 19 05.42	83 56 51.20	10/13/00	IA Only	Not Analyzed
071-15	Colquitt	33	31 02 38.26	83 42 51.19	10/13/00	IA/Resample	Alachlor (3.65 ppb)
071-16	Colquitt	49	31 13 42.81	83 57 31.18	10/13/00	IA Only	Not Analyzed
071-18	Colquitt	225	31 11 23.66	83 40 12.18	12/6/00	IA/Resample	Below Detection Limits
071-19	Colquitt	450	31 13 12.21	83 41 03.48	4/12/01	IA Only	Not Analyzed
071-20	Colquitt	Unknown	31 05 57.14	83 49 54.02	4/12/01	IA Only	Not Analyzed
071-21	Colquitt	110	31 17 25.59	83 33 03.71	12/6/00	IA Only	Not Analyzed
071-24	Colquitt	Unknown	31 07 39.36	83 50 12.73	12/6/00	IA/Resample	Below Detection Limits
071-25	Colquitt	490	31 05 15.06	83 48 35.15	4/12/01	IA Only	Not Analyzed
071-28	Colquitt	280	31 08 09.82	83 43 34.95	4/12/01	IA Only	Not Analyzed
071-29	Colquitt	300	31 08 11.18	83 54 25.91	4/12/01	IA Only	Not Analyzed
071-30	Colquitt	Unknown	31 12 30.66	84 00 01.11	4/12/01	IA Only	Not Analyzed
075-01	Cook	100	31 02 48.46	83 19 35.56	10/17/01	IA Only	Not Analyzed
075-02	Cook	50	31 08 53.55	83 21 20.86	9/28/00	IA Only	Not Analyzed
075-03	Cook	Unknown	31 05 04.23	83 19 24.77	7/25/01	IA Only	Not Analyzed
075-04	Cook	162	31 04 05.78	83 21 58.66	9/28/00	IA Only	Not Analyzed
075-05	Cook	Unknown	31 06 40.43	83 24 12.57	9/28/00	IA Only	Not Analyzed
075-06	Cook	300	31 07 54.45	83 29 37.51	9/27/00	IA Only	Not Analyzed
075-07	Cook	Unknown	31 02 36.94	83 19 46.85	9/28/00	IA Only	Not Analyzed
075-08	Cook	Unknown	31 04 24.78	83 29 31.68	9/27/00	IA Only	Not Analyzed
075-09	Cook	85	31 05 46.14	83 32 24.67	7/25/01	IA Only	Not Analyzed
075-10	Cook	60	31 07 01.18	83 27 18.10	9/27/00	IA Only	Not Analyzed
075-12	Cook	Unknown	31 09 45.52	83 19 15.84	9/28/00	IA Only	Not Analyzed
075-13	Cook	31	31 14 55.27	83 27 46.51	7/25/01	IA Only	Not Analyzed
075-15	Cook	Unknown	31 17 14.73	83 26 12.95	10/17/01	IA Only	Not Analyzed

075-16	Cook	400	31 16 30.78	83 26 44.38	10/17/01	IA Only	Not Analyzed
075-17	Cook	30	31 11 04.27	83 22 24.03	10/17/01	IA Only	Not Analyzed
079-01	Crawford	220	32 38 00.21	83 56 28.22	3/21/01	IA Only	Not Analyzed
079-02	Crawford	Unknown	32 39 55.80	83 59 03.13	3/21/01	IA Only	Not Analyzed
079-03	Crawford	Unknown	32 34 15.47	83 56 43.76	3/21/01	IA Only	Not Analyzed
079-05	Crawford	Unknown	32 46 14.19	84 07 02.84	3/21/01	IA Only	Not Analyzed
079-06	Crawford	Unknown	32 39 53.53	83 48 57.24	3/21/01	IA Only	Not Analyzed
079-09	Crawford	Unknown	32 45 27.07	83 54 32.58	3/21/01	IA Only	Not Analyzed
079-10	Crawford	Unknown	32 43 17.28	83 56 49.68	3/21/01	IA Only	Not Analyzed
079-11	Crawford	200	32 35 50.66	83 54 23.71	3/21/01	IA Only	Not Analyzed
079-14	Crawford	225	32 48 53.10	84 01 31.90	8/30/01	IA Only	Not Analyzed
079-15	Crawford	400	32 47 12.00	84 02 27.70	8/30/01	IA Only	Not Analyzed
079-18	Crawford	Unknown	32 44 16.40	84 08 57.30	8/30/01	IA Only	Not Analyzed
081-01	Crisp	125	31 55 02.70	83 54 13.40	8/15/00	IA Only	Not Analyzed
081-02	Crisp	200	31 54 36.00	83 37 17.20	6/1/00	IA Only	Not Analyzed
081-03	Crisp	80	32 00 22.72	83 51 40.47	8/15/00	IA/Resample	Below Detection Limits
081-04	Crisp	168	32 00 29.30	83 39 43.40	6/1/00	IA Only	Not Analyzed
081-06	Crisp	Unknown	31 51 09.60	83 56 37.20	6/1/00	IA Only	Not Analyzed
081-08	Crisp	Unknown	31 54 07.37	83 50 55.48	10/20/00	IA Only	Not Analyzed
081-09	Crisp	Unknown	32 01 14.20	83 56 00.60	6/1/00	IA Only	Not Analyzed
081-11	Crisp	>100	31 56 01.10	83 42 17.30	8/14/00	IA Only	Not Analyzed
081-12	Crisp	300	31 54 06.42	83 48 58.14	6/1/00	IA/Resample	Below Detection Limits
081-17	Crisp	250	31 52 38.64	83 48 46.56	10/20/00	IA Only	Not Analyzed
081-18	Crisp	150	31 58 40.01	83 41 54.82	10/20/00	IA Only	Not Analyzed
081-20	Crisp	Unknown	31 58 08.76	83 42 04.26	10/20/00	IA Only	Not Analyzed
081-23	Crisp	165	31 52 59.41	83 45 32.35	2/21/01	IA Only	Not Analyzed
081-24	Crisp	Unknown	31 54 23.43	83 36 45.23	2/21/01	IA Only	Not Analyzed
081-26	Crisp	180	31 51 04.86	83 43 25.13	2/21/01	IA Only	Not Analyzed
081-29	Crisp	100	31 56 54.20	83 55 20.33	2/21/01	IA Only	Not Analyzed
081-30	Crisp	200	31 55 15.84	83 49 27.36	5/3/01	IA Only	Not Analyzed
087-01	Decatur	125	31 02 58.82	84 38 20.38	8/30/00	IA/Resample	Alachlor (3.65 ppb)
087-02	Decatur	Unknown	30 58 45.26	84 33 15.53	8/30/00	IA Only	Not Analyzed
087-03	Decatur	100	31 01 26.74	84 28 55.85	8/30/00	IA Only	Not Analyzed
087-05	Decatur	50-100	30 56 24.68	84 31 32.18	8/30/00	IA Only	Not Analyzed
087-06	Decatur	148	30 58 18.31	84 36 40.28	8/30/00	IA Only	Not Analyzed
087-08	Decatur	Unknown	30 51 23.30	84 28 29.8	8/21/00	IA Only	Not Analyzed
087-09	Decatur	65	30 57 02.91	84 25 13.17	8/30/00	IA Only	Not Analyzed
087-10	Decatur	75-100	30 55 33.30	84 36 21.80	8/21/00	IA Only	Not Analyzed
087-11	Decatur	105	30 57 09.96	84 28 20.90	8/30/00	IA Only	Not Analyzed
087-12	Decatur	300-400	30 50 09.40	84 34 08.40	8/30/00	IA Only	Not Analyzed
087-13	Decatur	460	30 54 33.50	84 24 40.30	8/21/00	IA Only	Not Analyzed
087-15	Decatur	200	31 02 20.28	84 30 27.50	8/30/00	IA Only	Not Analyzed
087-16	Decatur	Unknown	30 54 15.90	84 31 64.80	8/21/00	IA Only	Not Analyzed
087-17	Decatur	Unknown	30 56 03.32	84 36 22.41	2/21/01	IA Only	Not Analyzed
087-19	Decatur	Unknown	30 57 25.00	84 34 05.80	8/30/00	IA Only	Not Analyzed
087-20	Decatur	800	30 45 13.10	84 29 16.50	8/21/00	IA Only	Not Analyzed
087-21	Decatur	200	30 51 47.20	84 34 13.26	2/21/01	IA Only	Not Analyzed
087-23	Decatur	200	30 52 32.20	84 30 04.00	8/21/00	IA Only	Not Analyzed
087-24	Decatur	320	30 43 14.50	84 47 37.60	8/21/00	IA Only	Not Analyzed
087-25	Decatur	80	30 52 22.60	84 36 26.40	8/30/00	IA Only	Not Analyzed
087-26	Decatur	> 100	30 50 52.00	84 41 30.60	8/21/00	IA/QA Samples	Below Detection Limits
087-27	Decatur	210	30 50 21.10	84 25 17.80	8/21/00	IA Only	Not Analyzed
087-30	Decatur	400	30 46 14.90	84 38 57.50	8/21/00	IA Only	Not Analyzed
087-31	Decatur	< 60	30 57 16.29	84 42 40.39	8/30/00	IA Only	Not Analyzed
087-32	Decatur	Unknown	30 49 07.40	84 24 17.60	8/21/00	IA Only	Not Analyzed
087-33	Decatur	Unknown	30 48 19.00	84 44 38.30	8/22/00	IA/QA Samples	Below Detection Limits
087-36	Decatur	85	30 52 09.56	84 41 47.95	8/30/00	IA/Resample	Below Detection Limits
087-39	Decatur	80	30 46 30.22	84 43 54.32	2/21/01	IA Only	Not Analyzed

087-44	Decatur	Unknown	30 57 12.04	84 26 13.16	2/21/01	IA Only	Not Analyzed
091-01	Dodge	Unknown	32 04 49.2	83 15 39.9	4/18/01	IA Only	Not Analyzed
091-05	Dodge	Unknown	32 13 48.1	83 14 37.9	4/18/01	IA Only	Not Analyzed
091-07	Dodge	Unknown	32 20 32.8	83 12 06.8	4/18/01	IA Only	Not Analyzed
091-08	Dodge	300	32 12 53.8	83 15 34.4	4/18/01	IA Only	Not Analyzed
091-09	Dodge	159	32 15 14.9	83 18 41.3	4/18/01	IA Only	Not Analyzed
091-10	Dodge	335	32 06 25.5	83 02 57.6	4/18/01	IA Only	Not Analyzed
091-11A	Dodge	250	32 05 42.6	83 15 09.6	4/18/01	IA Only	Not Analyzed
091-11B	Dodge	198	32 05 42.6	83 15 09.6	4/18/01	IA Only	Not Analyzed
091-12	Dodge	180	32 04 05.93	83 14 34.43	12/14/01	IA Only	Not Analyzed
091-13	Dodge	Unknown	32 11 06.07	83 14 35.26	12/13/01	IA Only	Not Analyzed
091-14	Dodge	310	32 05 45.63	83 16 19.85	12/14/01	IA Only	Not Analyzed
091-15	Dodge	Unknown	32 15 45.00	83 10 11.23	12/14/01	IA Only	Not Analyzed
091-16A	Dodge	Unknown	32 01 13.56	83 14 59.50	12/14/01	IA Only	Not Analyzed
091-16B	Dodge	Unknown	32 01 13.56	83 14 59.50	12/14/01	IA Only	Not Analyzed
091-17	Dodge	Unknown	32 25 10.43	83 11 19.10	12/13/01	IA Only	Not Analyzed
091-18	Dodge	Unknown	32 20 24.72	83 15 42.59	12/13/01	IA Only	Not Analyzed
091-19	Dodge	180	32 04 06.54	83 11 22.66	12/14/01	IA Only	Not Analyzed
091-21	Dodge	250	32 12 39.53	83 04 06.86	12/14/01	IA Only	Not Analyzed
091-22	Dodge	Unknown	32 17 09.14	83 07 29.12	12/14/01	IA Only	Not Analyzed
091-23	Dodge	300	32 07 33.94	83 00 35.61	12/14/01	IA Only	Not Analyzed
091-24	Dodge	185	32 15 35.47	83 14 43.63	12/13/01	IA Only	Not Analyzed
091-25	Dodge	160	32 10 43.33	83 05 12.70	12/14/01	IA Only	Not Analyzed
091-26	Dodge	204	32 17 04.14	83 14 37.34	12/13/01	IA Only	Not Analyzed
091-28	Dodge	90-150	32 23 39.95	83 13 51.17	12/13/01	IA Only	Not Analyzed
091-29	Dodge	Unknown	32 19 05.14	83 10 01.47	12/14/01	IA Only	Not Analyzed
093-01	Dooly	120-160	32 08 22.3	83 48 48.8	5/19/00	IA/QA Samples	Below Detection Limits
093-02	Dooly	Unknown	32 08 13.45	83 50 18.51	10/19/00	IA Only	Not Analyzed
093-06	Dooly	Unknown	32 15 28.91	83 46 17.52	10/19/00	IA Only	Not Analyzed
093-07	Dooly	Unknown	32 14 07.47	83 45 06.71	10/19/00	IA Only	Not Analyzed
093-08	Dooly	> 100	32 13 21.2	83 41 29.7	5/19/00	IA/QA Samples	Below Detection Limits
093-09	Dooly	200-300	32 17 41.3	83 45 06.0	5/19/00	IA Only	Not Analyzed
093-10	Dooly	240	32 03 07.0	83 37 13.8	5/19/00	IA/QA Samples	Below Detection Limits
093-12	Dooly	Unknown	32 08 02.2	83 43 30.1	8/15/00	IA Only	Not Analyzed
093-14	Dooly	Unknown	32 03 29.1	83 57 23.7	5/18/00	IA Only	Not Analyzed
093-15	Dooly	Unknown	32 10 13.83	83 40 52.26	5/15/01	IA Only	Not Analyzed
093-16	Dooly	130	32 04 22.8	83 47 15.7	8/15/00	IA Only	Not Analyzed
093-17	Dooly	Unknown	32 08 13.47	83 50 18.52	10/19/00	IA Only	Not Analyzed
093-20	Dooly	60	32 03 41.82	83 49 14.88	5/2/01	IA Only	Not Analyzed
093-21	Dooly	Unknown	32 05 19.14	83 54 00.32	2/20/01	IA Only	Not Analyzed
093-23	Dooly	200	32 10 21.36	83 37 59.36	2/20/01	IA Only	Not Analyzed
093-24	Dooly	Unknown	32 14 32.60	83 40 48.37	5/15/01	IA Only	Not Analyzed
093-25	Dooly	120	32 03 32.3	83 39 41.3	2/20/01	IA Only	Not Analyzed
093-26	Dooly	585	32 12 42.49	83 58 02.90	2/20/01	IA Only	Not Analyzed
093-27	Dooly	Unknown	32 09 11.82	83 51 39.90	5/2/01	IA/Resample	Below Detection Limits
093-28	Dooly	Unknown	32 06 44.13	83 50 54.31	2/20/01	IA Only	Not Analyzed
093-29	Dooly	200	32 02 30.06	83 52 55.86	5/2/01	IA Only	Not Analyzed
093-30	Dooly	95	32 07 29.88	83 56 34.50	5/2/01	IA Only	Not Analyzed
093-32	Dooly	250	32 15 12.42	83 41 07.02	5/2/01	IA/Resample	Below Detection Limits
093-34	Dooly	120	32 12 21.68	83 51 18.91	5/15/01	IA Only	Not Analyzed
093-35	Dooly	Unknown	32 03 36.18	83 55 09.96	5/2/01	IA Only	Not Analyzed
095-01	Dougherty	Unknown	31 32 55.4	84 06 42.0	7/12/00	IA Only	Not Analyzed
095-02	Dougherty	130	31 31 28.4	84 10 34.8	7/12/00	IA/QA Samples	Below Detection Limits
095-03A	Dougherty	Unknown	31 31 48.22	83 59 49.86	1/17/01	IA Only	Not Analyzed
095-03B	Dougherty	Unknown	31 31 44.64	83 59 51.81	1/17/01	IA Only	Not Analyzed
095-07	Dougherty	187	31 30 07.4	84 13 20.8	7/25/00	IA Only	Not Analyzed
095-08	Dougherty	200-300	31 29 11.7	84 06 07.0	7/12/00	IA/QA Samples	Below Detection Limits
095-09	Dougherty	125	31 35 27.7	84 14 31.5	7/25/00	IA Only	Not Analyzed

095-10A	Dougherty	Unknown	31 33 36.69	84 02 08.4	1/18/01	IA Only	Not Analyzed
095-10B	Dougherty	130	31 33 36.69	84 02 08.4	1/17/01	IA Only	Not Analyzed
095-10C	Dougherty	270	31 33 36.69	84 02 08.4	1/18/01	IA Only	Not Analyzed
095-11	Dougherty	180	31 34 32.5	84 22 15.0	7/25/00	IA Only	Not Analyzed
095-12	Dougherty	80	31 30 25.93	84 02 27.72	1/17/01	IA Only	Not Analyzed
095-13	Dougherty	125	31 29 05.06	84 08 06.67	1/17/01	IA Only	Not Analyzed
095-14	Dougherty	< 100	31 35 31.7	84 04 39.1	7/12/00	IA Only	Not Analyzed
095-16	Dougherty	130	31 29 51.50	84 14 33.62	1/18/01	IA Only	Not Analyzed
095-17	Dougherty	100-110	31 33 14.83	84 07 41.73	1/17/01	IA Only	Not Analyzed
095-18	Dougherty	Unknown	31 37 20.5	84 15 10.9	7/13/00	IA/QA Samples	Below Detection Limits
095-19	Dougherty	Unknown	31 35 48.06	84 15 19.50	7/24/01	IA/Resample	Below Detection Limits
095-20	Dougherty	238	31 28 35.30	84 08 21.31	1/17/01	IA Only	Not Analyzed
095-21	Dougherty	165	31 28 22.6	84 00 18.2	7/12/00	IA Only	Not Analyzed
095-27	Dougherty	Unknown	31 32 31.39	84 18 50.24	1/18/01	IA Only	Not Analyzed
095-28	Dougherty	Unknown	31 27 36.59	84 10 07.50	1/18/01	IA Only	Not Analyzed
095-29	Dougherty	Unknown	31 26 36.82	84 03 45.82	1/18/01	IA Only	Not Analyzed
095-30	Dougherty	Unknown	31 26 39.67	84 01 11.25	1/18/01	IA Only	Not Analyzed
095-33	Dougherty	150	31 30 15.44	84 20 58.23	7/24/01	IA Only	Not Analyzed
095-34	Dougherty	Unknown	31 35 54.48	84 20 47.70	7/24/01	IA Only	Not Analyzed
095-35	Dougherty	125	31 32 14.53	84 22 14.56	7/24/01	IA Only	Not Analyzed
099-01	Early	80	31 25 47.11	84 42 43.39	6/28/00	IA/Resample	Metolachlor (2.09 ppb)
099-02	Early	< 100	31 18 31.2	84 51 34.7	6/29/00	IA Only	Not Analyzed
099-03	Early	Unknown	31 26 11.76	85 00 58.68	7/10/01	IA Only	Not Analyzed
099-05	Early	flowing	31 25 04.3	84 48 58.0	7/25/00	IA Only	Not Analyzed
099-06	Early	70-80	31 26 26.8	84 59 01.1	6/28/00	IA Only	Not Analyzed
099-07	Early	Unknown	31 15 36.7	84 48 26.0	6/28/00	IA Only	Not Analyzed
099-08	Early	60	31 17 30.1	85 04 11.4	6/28/00	IA Only	Not Analyzed
099-09	Early	65	31 29 36.9	84 52 29.5	6/28/00	IA Only	Not Analyzed
099-10	Early	<100	31 06 18.7	84 57 56.9	6/29/00	IA/Resample	Below Detection Limits
099-11	Early	255	31 12 40.02	85 01 16.40	11/2/00	IA/Resample	Below Detection Limits
099-13	Early	> 100	31 13 35.3	84 59 14.7	6/28/00	IA Only	Not Analyzed
099-14	Early	200	31 25 15.65	84 43 13.20	11/2/00	IA Only	Not Analyzed
099-15	Early	Unknown	31 19 42.14	85 04 23.70	7/10/01	IA/Resample	Below Detection Limits
099-16	Early	Unknown	31 20 23.56	84 50 30.79	11/2/00	IA/Resample	Below Detection Limits
099-18	Early	50	31 29 02.77	84 56 05.10	11/2/00	IA/Resample	Below Detection Limits
099-23	Early	80	31 21 26.17	84 57 28.33	11/2/00	IA Only	Not Analyzed
099-24	Early	>100	31 18 11.7	84 54 13.1	6/29/00	IA/Resample	Below Detection Limits
099-25	Early	80	31 16 22.8	84 55 24.8	7/7/00	IA/QA Samples	Below Detection Limits
099-26	Early	Unknown	31 19 23.25	84 52 37.66	11/2/00	IA/Resample	Below Detection Limits
099-27	Early	225	31 22 41.59	85 00 05.31	11/2/00	IA/Resample	Below Detection Limits
099-28	Early	Unknown	31 20 51.5	84 48 28.2	6/28/00	IA Only	Not Analyzed
099-29	Early	80	31 28 12.21	84 53 34.52	11/2/00	IA/Resample	Below Detection Limits
099-33A	Early	140	31 21 31.71	84 58 03.75	11/2/00	IA Only	Not Analyzed
099-33B	Early	52	31 21 31.71	84 58 03.75	11/2/00	IA Only	Not Analyzed
099-34	Early	Unknown	31 08 43.46	84 56 29.90	1/8/01	IA Only	Not Analyzed
099-35	Early	Unknown	31 08 55.39	85 02 11.68	1/8/01	IA Only	Not Analyzed
099-36	Early	Unknown	31 07 16.44	85 02 03.18	1/8/01	IA Only	Not Analyzed
099-37	Early	Unknown	31 10 53.36	85 04 12.95	1/8/01	IA Only	Not Analyzed
099-39	Early	Unknown	31 16 31.33	84 56 28.77	1/8/01	IA Only	Not Analyzed
099-40	Early	85	31 18 25.13	84 44 00.81	7/10/01	IA Only	Not Analyzed
099-41	Early	Unknown	31 26 32.84	84 53 31.82	7/10/01	IA Only	Not Analyzed
099-42	Early	165	31 18 43.00	84 44 15.24	7/10/01	IA Only	Not Analyzed
099-43	Early	83	31 27 19.05	84 49 40.43	7/10/01	IA Only	Not Analyzed
107-09	Emanuel	350	32 19 51.18	82 19 22.14	11/28/01	IA Only	Not Analyzed
107-11	Emanuel	200	32 38 46.92	82 19 45.30	11/28/01	IA Only	Not Analyzed
107-12	Emanuel	365	32 35 12.06	82 18 53.22	11/28/01	IA Only	Not Analyzed
107-15	Emanuel	270	32 32 52.14	82 28 56.82	11/28/01	IA Only	Not Analyzed
107-16	Emanuel	100	32 31 42.84	82 33 00.84	11/28/01	IA Only	Not Analyzed

107-17	Emanuel	320	32 33 59.76	82 32 55.80	11/28/01	IA Only	Not Analyzed
107-18	Emanuel	Unknown	32 33 31.38	82 24 53.10	11/28/01	IA Only	Not Analyzed
107-19	Emanuel	200	32 38 33.96	82 20 52.26	11/28/01	IA Only	Not Analyzed
109-02	Evans	Unknown	32 07 45.61	81 52 57.97	10/4/01	IA Only	Not Analyzed
109-04	Evans	500	32 14 08.28	81 56 17.87	10/4/01	IA Only	Not Analyzed
109-05	Evans	520	32 15 07.24	81 58 17.88	10/4/01	IA Only	Not Analyzed
109-06	Evans	Unknown	32 13 15.28	82 00 02.84	10/4/01	IA Only	Not Analyzed
109-07	Evans	550	32 14 22.73	81 54 23.01	10/4/01	IA Only	Not Analyzed
109-08	Evans	500	32 06 10.90	81 55 24.73	10/1/01	IA Only	Not Analyzed
109-10	Evans	625	32 14 49.91	81 59 13.91	10/4/01	IA Only	Not Analyzed
109-11	Evans	600	32 14 19.56	81 49 49.44	10/4/01	IA Only	Not Analyzed
131-02	Grady	Unknown	30 45 28.44	84 15 03.57	1/9/01	IA/Resample	Below Detection Limits
131-03	Grady	Unknown	30 51 39.12	84 11 23.61	1/9/01	IA Only	Not Analyzed
131-04	Grady	Unknown	31 00 21.20	84 16 39.14	1/9/01	IA Only	Not Analyzed
131-06	Grady	Unknown	30 52 55.00	84 07 30.45	1/9/01	IA Only	Not Analyzed
131-07	Grady	300	30 53 21.60	84 09 35.52	4/11/01	IA Only	Not Analyzed
131-08	Grady	Unknown	30 54 24.96	84 18 52.56	1/9/01	IA Only	Not Analyzed
131-10	Grady	Unknown	30 50 05.52	84 15 41.58	4/11/01	IA Only	Not Analyzed
131-11	Grady	Unknown	30 56 54.90	84 08 02.58	4/11/01	IA Only	Not Analyzed
131-12	Grady	Unknown	30 55 32.64	84 17 57.00	4/11/01	IA Only	Not Analyzed
131-13	Grady	150	30 41 48.87	84 21 31.75	1/9/01	IA Only	Not Analyzed
131-14	Grady	284	30 42 48.35	84 17 22.76	1/9/01	IA Only	Not Analyzed
131-15	Grady	Unknown	30 53 33	84 17 33	3/15/01	IA/QA Samples	Below Detection Limits
131-16	Grady	Unknown	30 45 25.16	84 05 10.27	1/9/01	IA Only	Not Analyzed
131-18	Grady	386	30 48 04.32	84 18 15.42	4/11/01	IA Only	Not Analyzed
131-21	Grady	220	31 03 49.44	84 13 36.00	4/11/01	IA Only	Not Analyzed
131-22	Grady	300	30 56 25.50	84 10 27.72	4/11/01	IA/QA Samples	Below Detection Limits
131-25	Grady	Unknown	30 58 36.67	84 10 04.64	8/21/01	IA Only	Not Analyzed
131-26	Grady	Unknown	30 53 46.86	84 12 25.98	8/21/01	IA Only	Not Analyzed
131-27	Grady	Unknown	30 46 02.88	84 19 10.74	8/21/01	IA Only	Not Analyzed
131-29A	Grady	Unknown	31 01 36.06	84 13 39.17	8/21/01	IA Only	Not Analyzed
131-29B	Grady	350	30 59 12.06	84 14 12.66	8/21/01	IA Only	Not Analyzed
145-01	Harris	Unknown	32 38 48.99	84 46 11.59	9/13/00	IA Only	Not Analyzed
145-03	Harris	52	32 52 01.51	84 49 25.44	9/12/00	IA Only	Not Analyzed
145-04	Harris	54	32 50 08.65	84 43 47.93	9/12/00	IA Only	Not Analyzed
145-05	Harris	Unknown	32 47 49.89	84 44 46.60	9/12/00	IA Only	Not Analyzed
145-06	Harris	250	32 36 57.48	85 04 15.20	9/13/00	IA Only	Not Analyzed
145-07	Harris	Unknown	32 41 38.84	84 49 55.29	9/13/00	IA Only	Not Analyzed
145-08	Harris	250	32 39 19.89	84 57 41.65	9/13/00	IA Only	Not Analyzed
145-09	Harris	350	32 38 26.86	84 48 03.04	9/13/01	IA/Resample	Below Detection Limits
145-10	Harris	Unknown	32 40 32.58	84 58 56.82	9/12/00	IA Only	Not Analyzed
145-12	Harris	>100	32 50 49.28	85 02 09.18	9/12/00	IA Only	Not Analyzed
153-01	Houston	Unknown	32 21 48.70	83 39 40.42	3/14/01	IA Only	Not Analyzed
153-02	Houston	Unknown	32 18 39.01	83 36 22.73	3/14/01	IA Only	Not Analyzed
153-03	Houston	Unknown	32 35 36.27	83 42 14.05	3/7/01	IA Only	Not Analyzed
153-04	Houston	140	32 35 24.78	83 41 32.08	3/7/01	IA Only	Not Analyzed
153-05	Houston	100	32 29 00.74	83 47 23.80	3/7/01	IA Only	Not Analyzed
153-06A	Houston	15	32 27 30.77	83 37 02.10	3/14/01	IA Only	Not Analyzed
153-07	Houston	220	32 37 28.20	83 41 04.51	3/14/01	IA Only	Not Analyzed
153-08	Houston	Unknown	32 34 02.42	83 37 54.23	3/14/01	IA Only	Not Analyzed
153-09	Houston	280	32 31 00.01	83 42 50.85	3/7/01	IA/Resample	Below Detection Limits
153-11	Houston	190	32 21 39.04	83 38 43.92	9/21/01	IA Only	Not Analyzed
153-13	Houston	40	32 24 12.19	83 49 23.46	9/21/01	IA Only	Not Analyzed
153-14	Houston	90	32 18 09.70	83 48 33.51	10/24/01	IA/QA Samples	Below Detection Limits
153-15	Houston	Unknown	32 18 31.98	83 48 10.88	10/24/01	IA/QA Samples	Below Detection Limits
155-01	Irwin	100	31 34 14.84	83 25 49.58	9/27/00	IA Only	Not Analyzed
155-02	Irwin	100	31 37 09.78	83 23 21.15	9/27/00	IA Only	Not Analyzed
155-03	Irwin	500	31 30 15.53	83 13 28.47	9/27/00	IA Only	Not Analyzed

155-04	Irwin	380	31 38 29.00	83 07 03.47	9/27/00	IA Only	Not Analyzed
155-05	Irwin	300	31 37 52.92	83 15 14.13	11/1/00	IA Only	Not Analyzed
155-06	Irwin	300-400	31 33 32.93	83 13 00.35	11/1/00	IA Only	Not Analyzed
155-07	Irwin	>100	31 34 23.80	83 14 37.88	11/1/00	IA/Resample	Below Detection Limits
155-08	Irwin	Unknown	31 29 31.14	83 10 36.74	11/1/00	IA Only	Not Analyzed
155-09	Irwin	Unknown	31 28 29.34	83 13 26.66	11/1/00	IA Only	Not Analyzed
155-10	Irwin	Unknown	31 43 06.19	83 20 25.74	11/2/00	IA Only	Not Analyzed
155-11	Irwin	Unknown	31 45 27.84	83 22 30.71	11/2/00	IA Only	Not Analyzed
155-13	Irwin	Unknown	31 41 04.45	83 24 36.78	11/9/00	IA Only	Not Analyzed
155-14	Irwin	Unknown	31 35 18.10	83 09 05.01	11/9/00	IA Only	Not Analyzed
155-15	Irwin	Unknown	31 32 55.18	83 05 09.18	11/9/00	IA Only	Not Analyzed
155-16	Irwin	Unknown	31 35 07.61	83 04 41.8	11/9/00	IA Only	Not Analyzed
155-17	Irwin	Unknown	31 37 32.67	83 03 36.45	11/9/00	IA Only	Not Analyzed
155-18	Irwin	Unknown	31 37 35.1	83 09 10.5	11/9/00	IA Only	Not Analyzed
155-19	Irwin	Unknown	31 38 03.75	83 12 26.11	11/9/00	IA Only	Not Analyzed
155-20	Irwin	225	31 38 34.09	83 19 17.63	6/6/01	IA Only	Not Analyzed
155-21	Irwin	300	31 39 46.88	83 23 09.68	6/6/01	IA Only	Not Analyzed
155-23	Irwin	300	31 32 46.17	83 19 22.78	6/6/01	IA/QA Samples	Below Detection Limits
155-24	Irwin	600	31 29 52.70	83 07 17.03	6/6/01	IA/QA Samples	Below Detection Limits
155-25	Irwin	385	31 35 32.34	83 12 32.75	6/6/01	IA/QA Samples	Below Detection Limits
155-26	Irwin	200	31 33 03.59	83 22 27.66	6/6/01	IA/QA Samples	Below Detection Limits
155-27	Irwin	210-220	31 40 39.98	83 19 58.16	6/6/01	IA Only	Not Analyzed
155-28	Irwin	250-300	31 36 14.46	83 28 07.27	7/25/01	IA Only	Not Analyzed
155-29	Irwin	400-500	31 40 26.31	83 03 09.45	7/25/01	IA Only	Not Analyzed
155-31	Irwin	363	31 36 53.90	83 19 07.19	7/25/01	IA Only	Not Analyzed
155-32	Irwin	300	31 34 46.46	83 29 05.81	7/25/01	IA Only	Not Analyzed
159-01A	Jasper	Unknown	33 27 47.27	83 40 05.74	4/27/01	IA/QA Samples	Below Detection Limits
159-01B	Jasper	Unknown	33 27 47.32	83 40 16.40	4/27/01	IA Only	Not Analyzed
159-02	Jasper	Unknown	33 16 01.23	83 35 09.18	7/12/01	IA Only	Not Analyzed
159-05	Jasper	Unknown	33 23 52.50	83 40 12.96	7/12/01	IA Only	Not Analyzed
159-07	Jasper	Unknown	33 28 13.64	83 37 23.67	4/27/01	IA/QA Samples	Below Detection Limits
159-08	Jasper	Unknown	33 17 12.87	83 40 34.69	4/27/01	IA/QA Samples	Below Detection Limits
159-09	Jasper	Unknown	33 22 17.65	83 40 40.32	4/27/01	IA/QA Samples	Below Detection Limits
159-10	Jasper	Unknown	33 27 26.12	83 40 21.05	4/27/01	IA Only	Not Analyzed
159-11	Jasper	183	33 10 34.14	83 35 23.92	7/12/01	IA Only	Not Analyzed
159-12	Jasper	500-600	33 14 30.87	83 46 11.63	7/12/01	IA Only	Not Analyzed
159-15	Jasper	325	33 13 24.16	83 35 22.64	7/12/01	IA Only	Not Analyzed
159-17	Jasper	400	33 20 14.77	83 50 29.32	7/17/01	IA Only	Not Analyzed
159-19	Jasper	183	33 17 08.28	83 37 39.18	8/14/01	IA Only	Not Analyzed
159-20	Jasper	50	33 10 39.12	83 44 36.36	8/14/01	IA Only	Not Analyzed
159-21	Jasper	56	33 14 12.78	83 45 52.86	8/14/01	IA Only	Not Analyzed
159-22	Jasper	192	33 15 43.20	83 39 07.80	8/14/01	IA Only	Not Analyzed
161-01	Jeff Davis	Unknown	31 45 49.50	82 38 35.52	5/10/01	IA Only	Not Analyzed
161-03	Jeff Davis	52	31 52 34.98	82 33 33.84	5/10/01	IA Only	Not Analyzed
161-04	Jeff Davis	60	31 53 16.20	82 29 46.14	5/10/01	IA Only	Not Analyzed
161-05	Jeff Davis	Unknown	31 52 15.06	82 39 27.24	5/10/01	IA Only	Not Analyzed
165-01A	Jenkins	Unknown	32 43 41.62	82 06 14.72	9/26/01	IA Only	Not Analyzed
165-01B	Jenkins	Unknown	32 43 45.47	82 06 41.19	9/26/01	IA Only	Not Analyzed
165-02	Jenkins	Unknown	32 51 54.45	81 53 52.90	9/26/01	IA Only	Not Analyzed
165-03	Jenkins	Unknown	32 39 14.71	81 57 21.69	9/26/01	IA Only	Not Analyzed
165-04	Jenkins	Unknown	32 51 07.13	82 07 41.05	9/26/01	IA Only	Not Analyzed
165-05	Jenkins	Unknown	32 41 59.84	82 03 21.18	9/26/01	IA Only	Not Analyzed
165-06	Jenkins	220	32 48 18.89	81 54 51.49	9/26/01	IA Only	Not Analyzed
165-07	Jenkins	Unknown	32 54 37.11	81 59 04.10	9/26/01	IA Only	Not Analyzed
165-08	Jenkins	225	32 51 13.58	81 51 18.56	9/26/01	IA Only	Not Analyzed
165-09	Jenkins	430	32 44 41.36	81 53 05.50	9/26/01	IA Only	Not Analyzed
169-01	Jones	Unknown	32 56 48.6	83 30 58.3	5/30/01	IA Only	Not Analyzed
169-04	Jones	Unknown	32 57 20.6	83 33 50.7	5/30/01	IA Only	Not Analyzed

169-05	Jones	Unknown	33 09 46.5	83 26 34.3	5/30/01	IA Only	Not Analyzed
169-06	Jones	Unknown	32 56 13.1	83 36 13.7	5/30/01	IA Only	Not Analyzed
169-07	Jones	Unknown	32 54 28.9	83 34 31.8	5/30/01	IA Only	Not Analyzed
169-09	Jones	33	32 55 27.5	83 23 50.9	5/30/01	IA Only	Not Analyzed
169-11	Jones	605	33 03 29.8	83 29 27.4	5/30/01	IA Only	Not Analyzed
169-12	Jones	225	33 01 15.01	83 34 14.63	11/6/01	IA Only	Not Analyzed
169-13	Jones	200	33 04 24.04	83 26 01.53	11/6/01	IA Only	Not Analyzed
169-14	Jones	58	33 05 06.87	83 38 44.56	11/15/01	IA Only	Not Analyzed
169-15	Jones	250	33 07 16.40	83 31 38.80	11/15/01	IA Only	Not Analyzed
169-16	Jones	155	33 03 17.28	83 32 31.78	11/6/01	IA Only	Not Analyzed
169-17	Jones	40	33 05 09.59	83 29 21.49	11/6/01	IA Only	Not Analyzed
169-18	Jones	520	32 55 09.35	83 36 02.91	11/6/01	IA Only	Not Analyzed
169-19	Jones	300	32 55 40.17	83 32 04.81	11/6/01	IA Only	Not Analyzed
169-20	Jones	45	33 06 43.67	83 37 01.70	11/6/01	IA Only	Not Analyzed
171-01	Lamar	60	33 06 13.69	84 10 22.91	5/24/01	IA/QA Samples	Below Detection Limits
171-03	Lamar	Unknown	33 02 06.96	84 03 32.64	5/24/01	IA/QA Samples	Below Detection Limits
171-05	Lamar	Unknown	33 03 32.21	84 07 54.38	5/31/01	IA Only	Not Analyzed
171-07	Lamar	Unknown	33 07 30.41	84 14 21.74	5/24/01	IA/QA Samples	Below Detection Limits
171-08	Lamar	Unknown	33 04 39.35	84 05 22.23	5/24/01	IA/QA Samples	Below Detection Limits
171-09	Lamar	45	33 03 01.73	84 07 00.41	5/31/01	IA Only	Not Analyzed
171-11	Lamar	Unknown	33 08 55.62	84 10 12.58	5/31/01	IA Only	Not Analyzed
171-14	Lamar	Unknown	32 59 39.69	84 04 47.50	5/31/01	IA Only	Not Analyzed
171-15	Lamar	150	33 11 53.61	84 04 48.32	5/31/01	IA Only	Not Analyzed
171-20	Lamar	235	33 00 57.42	84 06 47.97	7/9/01	IA Only	Not Analyzed
171-26	Lamar	350	33 01 03.69	84 10 01.85	7/16/01	IA Only	Not Analyzed
171-27A	Lamar	Unknown	33 00 28.59	84 13 10.41	7/16/01	IA Only	Not Analyzed
171-27B	Lamar	Unknown	33 00 28.59	84 13 10.41	7/16/01	IA Only	Not Analyzed
171-29	Lamar	Unknown	33 00 03.54	84 14 51.48	8/14/01	IA Only	Not Analyzed
175-01	Laurens	Unknown	32 16 28.49	83 00 39.14	3/22/01	IA Only	Not Analyzed
175-03	Laurens	220	32 19 43.24	82 55 56.59	3/22/01	IA Only	Not Analyzed
175-04	Laurens	Unknown	32 30 03.10	82 59 19.75	3/22/01	IA Only	Not Analyzed
175-05	Laurens	Unknown	32 30 08.9	82 56 27.07	3/21/01	IA Only	Not Analyzed
175-06	Laurens	Unknown	32 22 58.52	83 05 10.13	3/22/01	IA Only	Not Analyzed
175-07A	Laurens	150	32 25 55.83	83 02 26.42	3/22/01	IA Only	Not Analyzed
175-07B	Laurens	150	32 25 59.88	83 02 09.14	3/22/01	IA Only	Not Analyzed
175-08	Laurens	Unknown	32 36 11.73	82 59 05.41	3/21/01	IA Only	Not Analyzed
175-09	Laurens	350	32 32 34.77	82 48 44.53	3/21/01	IA Only	Not Analyzed
175-10A	Laurens	>130	32 20 22.44	82 47 02.67	3/21/01	IA Only	Not Analyzed
175-10B	Laurens	Unknown	32 21 07.77	82 47 51.92	3/21/01	IA Only	Not Analyzed
175-11	Laurens	280	32 16 36.93	82 59 39.67	3/22/01	IA Only	Not Analyzed
175-12	Laurens	150	32 29 53.86	83 08 03.97	3/21/01	IA Only	Not Analyzed
175-13	Laurens	Unknown	32 37 50.19	83 00 33.41	3/21/01	IA Only	Not Analyzed
175-14	Laurens	240	32 32 20.73	82 57 18.90	3/21/01	IA Only	Not Analyzed
175-15	Laurens	Unknown	32 22 03.06	83 02 41.57	3/22/01	IA Only	Not Analyzed
175-18	Laurens	140	32 26 02.85	82 55 58.89	3/21/01	IA Only	Not Analyzed
175-19	Laurens	75	32 26 46.66	82 57 10.66	3/22/01	IA Only	Not Analyzed
175-20	Laurens	Unknown	32 25 14.19	83 02 59.50	3/22/01	IA Only	Not Analyzed
175-21	Laurens	70-100	32 31 23.16	83 08 04.98	8/29/01	IA Only	Not Analyzed
175-22	Laurens	Unknown	32 17 44.79	82 54 29.03	8/29/01	IA Only	Not Analyzed
175-23	Laurens	Unknown	32 15 27.60	82 56 33.78	8/29/01	IA Only	Not Analyzed
175-24	Laurens	260	32 37 17.27	82 49 47.44	8/29/01	IA Only	Not Analyzed
175-25	Laurens	Unknown	32 14 50.94	82 54 24.75	8/29/01	IA Only	Not Analyzed
175-26	Laurens	200	32 29 57.63	82 57 39.77	8/29/01	IA Only	Not Analyzed
177-01	Lee	Unknown	31 37 38.4	84 07 12.0	10/26/00	IA Only	Not Analyzed
177-02	Lee	Unknown	31 41 06.03	84 08 29.80	10/26/00	IA/QA Samples	Below Detection Limits
177-05	Lee	> 100	31 46 15.8	84 11 16.6	6/20/00	IA/QA Samples	Below Detection Limits
177-06	Lee	125	31 39 38.4	84 11 47.0	6/6/00	IA/QA Samples	Below Detection Limits
177-07	Lee	170	31 39 43.9	84 05 31.6	6/6/00	IA/QA Samples	Below Detection Limits

177-12	Lee	150	31 46 12.3	84 16 34.3	6/20/00	IA Only	Not Analyzed
177-17	Lee	60	31 42 14.44	84 16 39.96	10/26/00	IA Only	Not Analyzed
177-19	Lee	100	31 45 53.26	84 12 50.92	10/26/00	IA/QA Samples	Below Detection Limits
177-20	Lee	Unknown	31 40 27.8	84 17 13.1	6/6/00	IA/QA Samples	Below Detection Limits
177-21	Lee	60	31 44 04.5	84 11 03.3	6/6/00	IA Only	Not Analyzed
177-23	Lee	Unknown	31 42 16.50	84 08 43.68	10/26/00	IA Only	Not Analyzed
177-24	Lee	Unknown	31 51 02.4	84 05 56.4	6/20/00	IA Only	Not Analyzed
177-27	Lee	Unknown	31 50 19.59	84 12 34.13	10/26/00	IA/QA Samples	Below Detection Limits
177-33	Lee	240	31 52 31.80	84 03 50.58	2/21/01	IA Only	Not Analyzed
177-34A	Lee	Unknown	31 52 49.11	84 15 06.32	2/21/01	IA Only	Not Analyzed
177-34B	Lee	Unknown	31 52 49.11	84 15 06.32	2/21/01	IA Only	Not Analyzed
177-35	Lee	Unknown	31 46 55.67	84 06 15.91	2/21/01	IA Only	Not Analyzed
177-36	Lee	60	31 51 46.8	84 11 36.46	2/21/01	IA Only	Not Analyzed
177-37	Lee	Unknown	31 45 14.13	84 01 01.36	2/21/01	IA Only	Not Analyzed
177-38	Lee	150	31 46 44.40	84 14 54.18	5/3/01	IA Only	Not Analyzed
177-39	Lee	70	31 42 39.24	84 12 42.18	5/3/01	IA Only	Not Analyzed
177-40	Lee	100	31 54 32.76	84 07 32.34	5/3/01	IA Only	Not Analyzed
177-41	Lee	140	31 49 39.24	84 13 05.04	5/3/01	IA Only	Not Analyzed
183-04	Long	660	31 46 51.90	81 41 11.76	11/30/01	IA Only	Not Analyzed
183-05	Long	Unknown	31 46 22.80	81 48 36.24	11/30/01	IA Only	Not Analyzed
183-06	Long	140	31 38 50.94	81 40 21.30	11/30/01	IA Only	Not Analyzed
183-07	Long	200	31 47 41.76	81 49 35.34	11/30/01	IA Only	Not Analyzed
183-08	Long	50	31 50 28.50	81 44 02.16	11/30/01	IA Only	Not Analyzed
183-10	Long	Unknown	31 36 19.44	81 35 57.48	11/29/01	IA Only	Not Analyzed
183-11	Long	250	31 38 45.36	81 40 21.00	11/30/01	IA Only	Not Analyzed
183-12	Long	170	31 45 22.86	81 48 32.34	11/30/01	IA Only	Not Analyzed
185-01	Lowndes	Unknown	30 50 02.26	83 18 21.48	9/21/00	IA Only	Not Analyzed
185-02	Lowndes	20-30	30 48 47.60	83 13 40.79	9/20/00	IA Only	Not Analyzed
185-03	Lowndes	98	30 42 57.93	83 16 57.45	9/21/00	IA/Resample	Below Detection Limits
185-04	Lowndes	Unknown	30 56 32.67	83 03 21.65	9/20/00	IA Only	Not Analyzed
185-05	Lowndes	180	30 55 43.71	83 21 00.09	9/21/00	IA Only	Not Analyzed
185-07	Lowndes	50-60	30 41 33.06	83 08 07.79	9/20/00	IA Only	Not Analyzed
185-08	Lowndes	Unknown	31 00 59.11	83 17 26.58	9/20/00	IA Only	Not Analyzed
185-09	Lowndes	80-85	30 44 27.32	83 23 20.10	9/21/00	IA Only	Not Analyzed
185-10	Lowndes	Unknown	30 47 18.73	83 24 47.19	9/21/00	IA Only	Not Analyzed
185-11	Lowndes	275	30 56 19.37	83 14 25.04	9/20/00	IA Only	Not Analyzed
185-13	Lowndes	Unknown	30 48 48.99	83 13 58.22	9/21/00	IA Only	Not Analyzed
185-14	Lowndes	Unknown	30 57 24.01	83 19 41.23	9/20/00	IA Only	Not Analyzed
185-15	Lowndes	60	30 50 11.92	83 12 46.97	9/20/00	IA Only	Not Analyzed
185-16	Lowndes	Unknown	30 59 31.44	83 19 14.46	12/12/01	IA Only	Not Analyzed
185-17	Lowndes	150	30 59 36.86	83 20 56.63	9/20/00	IA Only	Not Analyzed
185-18	Lowndes	Unknown	30 56 12.8	83 07 27.51	9/20/00	IA Only	Not Analyzed
185-19	Lowndes	Unknown	30 43 04.56	83 17 43.44	12/11/01	IA Only	Not Analyzed
185-20A	Lowndes	55	30 46 43.44	83 08 58.98	12/11/01	IA Only	Not Analyzed
185-20B	Lowndes	55	30 55 36.90	83 15 48.90	12/11/01	IA Only	Not Analyzed
185-21	Lowndes	190	30 55 36.90	83 15 48.90	12/12/01	IA Only	Not Analyzed
185-22	Lowndes	180	30 39 35.40	83 11 04.08	12/11/01	IA Only	Not Analyzed
185-23	Lowndes	Unknown	30 54 04.68	83 17 55.68	12/12/01	IA Only	Not Analyzed
185-24	Lowndes	250	30 40 22.86	83 17 37.86	12/11/01	IA Only	Not Analyzed
185-25	Lowndes	90	30 55 36.78	83 23 54.60	12/12/01	IA Only	Not Analyzed
185-26	Lowndes	180	31 00 44.58	83 24 53.10	12/12/01	IA Only	Not Analyzed
185-27	Lowndes	Unknown	31 01 04.92	83 11 49.50	12/12/01	IA Only	Not Analyzed
185-29	Lowndes	175	30 55 17.46	83 10 56.76	12/12/01	IA Only	Not Analyzed
193-01	Macon	70	32 21 04.03	84 10 07.04	3/29/01	IA Only	Not Analyzed
193-02	Macon	Unknown	32 22 04.77	84 06 26.71	3/29/01	IA Only	Not Analyzed
193-04	Macon	Unknown	32 19 16.39	83 58 59.72	3/29/01	IA Only	Not Analyzed
193-05	Macon	160	32 16 20.79	84 04 55.67	3/29/01	IA Only	Not Analyzed
193-06	Macon	55	32 27 02.54	83 54 53.03	3/28/01	IA/QA Samples	Below Detection Limits

193-07	Macon	145	32 30 18.51	84 06 08.27	3/28/01	IA/QA Samples	Below Detection Limits
193-08	Macon	110	32 15 14.25	84 06 57.59	3/29/01	IA Only	Not Analyzed
193-09	Macon	89	32 26 25.70	83 53 19.91	3/28/01	IA/QA Samples	Below Detection Limits
193-10	Macon	32	32 15 14.40	84 04 38.70	3/29/01	IA Only	Not Analyzed
193-11	Macon	110	32 26 04.68	83 53 08.45	3/28/01	IA/QA Samples	Below Detection Limits
193-12	Macon	40	32 14 17.25	84 00 38.49	3/29/01	IA Only	Not Analyzed
193-15	Macon	85	32 22 05.10	83 52 59.00	8/30/01	IA Only	Not Analyzed
197-01	Marion	Unknown	32 23 55.38	84 34 29.80	2/28/01	IA Only	Not Analyzed
197-03	Marion	Unknown	32 13 27.28	84 33 16.95	2/28/01	IA/QA Samples	Below Detection Limits
197-04	Marion	28	32 15 53.99	84 28 44.28	2/28/01	IA/QA Samples	Below Detection Limits
197-05	Marion	180	32 30 18.05	84 33 51.75	2/28/01	IA Only	Not Analyzed
197-06	Marion	Unknown	32 28 50.69	84 37 06.38	2/28/01	IA Only	Not Analyzed
197-08	Marion	115	32 19 06.00	84 25 32.90	6/27/01	IA/QA Samples	Below Detection Limits
201-02	Miller	Unknown	31 10 15.1	84 33 05.0	8/22/00	IA Only	Not Analyzed
201-04	Miller	100	31 15 34.9	84 41 10.7	8/22/00	IA Only	Not Analyzed
201-05	Miller	Unknown	31 05 40.74	84 38 02.10	8/22/00	IA/Resample	Below Detection Limits
201-06	Miller	Unknown	31 10 45.7	84 44 00.7	8/22/00	IA Only	Not Analyzed
201-07	Miller	85	31 05 42.4	84 51 24.2	4/14/00	IA/QA Samples	Below Detection Limits
201-08H	Miller	175	31 11 12.58	84 41 04.34	11/8/00	IA/QA Samples	Below Detection Limits
201-08O	Miller	175	31 11 12.58	84 41 04.34	8/22/00	IA Only	Not Analyzed
201-09	Miller	Unknown	31 07 33.2	84 49 46.4	4/14/00	IA/QA Samples	Below Detection Limits
201-10	Miller	60	31 10 26.8	84 49 23.1	4/14/00	IA/QA Samples	Below Detection Limits
201-11	Miller	Unknown	31 05 23.3	84 47 35.4	4/14/00	IA/QA Samples	Below Detection Limits
201-12	Miller	Unknown	31 07 37.3	84 46 12.4	4/14/00	IA/QA Samples	Below Detection Limits
201-14	Miller	Unknown	31 07 55.1	84 42 23.7	8/22/00	IA Only	Not Analyzed
201-15	Miller	Unknown	31 09 19.0	84 45 40.4	4/14/00	IA/QA Samples	Below Detection Limits
201-17	Miller	250	31 12 08.4	84 46 12.5	8/22/00	IA Only	Not Analyzed
201-20	Miller	92	31 04 36.11	84 38 56.13	2/21/01	IA Only	Not Analyzed
201-21	Miller	123	31 08 00.58	84 40 10.59	2/21/01	IA Only	Not Analyzed
201-22	Miller	Unknown	31 09 00.74	84 52 05.69	7/10/01	IA Only	Not Analyzed
201-23	Miller	Unknown	31 05 56.85	84 34 28.11	7/11/01	IA/Resample	Below Detection Limits
201-24	Miller	Unknown	31 08 00.50	84 32 56.37	7/11/01	IA Only	Not Analyzed
201-25	Miller	Unknown	31 15 02.74	84 51 16.23	7/10/01	IA Only	Not Analyzed
201-29	Miller	Unknown	31 11 16.21	84 42 48.79	7/11/01	IA/Resample	Below Detection Limits
201-30	Miller	125	31 04 45.53	84 37 06.57	7/11/01	IA/Resample	Below Detection Limits
205-02	Mitchell	Unknown	31 24 02.17	84 02 42.40	2/20/01	IA/Resample	Below Detection Limits
205-03	Mitchell	Unknown	31 21 39.06	84 02 24.28	10/4/00	IA/QA Samples	Below Detection Limits
205-05	Mitchell	Unknown	31 11 38.01	84 21 05.91	10/5/00	IA Only	Not Analyzed
205-06	Mitchell	Unknown	31 09 35.01	84 14 05.88	10/4/00	IA Only	Not Analyzed
205-07	Mitchell	Unknown	31 04 54.6	84 11 18.05	10/4/00	IA Only	Not Analyzed
205-08	Mitchell	Unknown	31 07 40.97	84 14 48.73	10/4/00	IA/QA Samples	Below Detection Limits
205-09	Mitchell	>100	31 20 39.25	84 10 06.85	10/4/00	IA/Resample	Below Detection Limits
205-10	Mitchell	Unknown	31 07 22.39	84 15 49.26	10/4/00	IA/Resample	Below Detection Limits
205-11	Mitchell	183	31 19 29.83	84 01 12.82	10/4/00	IA Only	Not Analyzed
205-12	Mitchell	325	31 17 49.76	84 07 17.17	10/4/00	IA Only	Not Analyzed
205-13	Mitchell	210	31 15 28.85	84 15 55.62	10/5/00	IA Only	Not Analyzed
205-14	Mitchell	Unknown	31 21 51.20	84 08 42.46	10/4/00	IA/QA Samples	Below Detection Limits
205-15	Mitchell	120	31 06 47.13	84 23 31.13	10/5/00	IA Only	Not Analyzed
205-20	Mitchell	Unknown	31 12 01.45	84 17 46.78	10/5/00	IA Only	Not Analyzed
205-21	Mitchell	Unknown	31 22 44.46	84 01 59.31	10/4/00	IA Only	Not Analyzed
205-23	Mitchell	Unknown	31 12 38.13	84 23 36.39	10/5/00	IA/Resample	Below Detection Limits
205-25	Mitchell	Unknown	31 09 03.21	84 25 36.19	2/7/01	IA/Resample	Below Detection Limits
205-27	Mitchell	Unknown	31 18 20.02	84 04 26.24	2/21/01	IA Only	Not Analyzed
205-28	Mitchell	Unknown	31 06 44.20	84 19 06.29	2/7/01	IA Only	Not Analyzed
205-29	Mitchell	Unknown	31 17 37.12	84 10 12.25	2/20/01	IA/QA Samples	Below Detection Limits
205-30	Mitchell	185	31 07 43.44	84 12 02.28	2/7/01	IA Only	Not Analyzed
205-31	Mitchell	350	31 11 26.38	84 05 27.18	2/20/01	IA Only	Not Analyzed
205-32	Mitchell	300	31 12 26.06	84 10 13.01	2/8/01	IA Only	Not Analyzed

205-33	Mitchell	360	31 05 39.36	84 08 27.47	2/20/01	IA Only	Not Analyzed
205-34	Mitchell	125	31 09 52.12	84 16 20.06	2/8/01	IA Only	Not Analyzed
205-35	Mitchell	Unknown	31 18 58.97	84 12 59.72	2/8/01	IA Only	Not Analyzed
205-36	Mitchell	200	31 10 22.14	84 08 57.29	2/8/01	IA Only	Not Analyzed
205-37	Mitchell	360	31 09 48.36	84 03 57.07	2/20/01	IA Only	Not Analyzed
205-40	Mitchell	Unknown	31 07 12.26	84 10 46.36	2/7/01	IA Only	Not Analyzed
205-42	Mitchell	120	31 04 46.26	84 25 14.35	2/20/01	IA Only	Not Analyzed
205-43	Mitchell	200	31 04 45.54	84 19 16.08	4/12/01	IA/QA Samples	Below Detection Limits
205-46	Mitchell	170	31 05 48.36	84 17 29.34	4/12/01	IA/QA Samples	Below Detection Limits
205-47	Mitchell	209	31 04 45.36	84 14 56.04	4/11/01	IA Only	Not Analyzed
205-49	Mitchell	200	31 14 17.52	84 08 25.32	8/21/01	IA Only	Not Analyzed
205-51	Mitchell	30	31 14 25.36	84 02 34.81	8/21/01	IA Only	Not Analyzed
207-01	Monroe	Unknown	33 07 03.0	83 57 51.6	5/31/01	IA Only	Not Analyzed
207-02	Monroe	Unknown	32 57 23.6	83 48 15.2	5/30/01	IA Only	Not Analyzed
207-03	Monroe	Unknown	33 00 28.1	83 54 22.2	5/30/01	IA Only	Not Analyzed
207-04	Monroe	50-60	33 00 45.4	83 56 40.6	5/30/01	IA Only	Not Analyzed
207-05	Monroe	200	32 59 14.2	83 45 38.1	5/30/01	IA Only	Not Analyzed
207-06	Monroe	Unknown	33 10 51.8	84 01 32.8	5/31/01	IA Only	Not Analyzed
207-08	Monroe	49	33 04 57.8	83 50 31.6	5/30/01	IA Only	Not Analyzed
207-09	Monroe	Unknown	32 59 05.1	83 44 14.9	5/30/01	IA Only	Not Analyzed
207-10	Monroe	625	32 57 10.39	84 00 30.92	11/14/01	IA Only	Not Analyzed
207-11	Monroe	655	32 53 12.03	83 55 18.21	11/14/01	IA Only	Not Analyzed
207-12	Monroe	Unknown	32 53 39.96	84 02 09.06	11/14/01	IA/Resample	Below Detection Limits
207-13	Monroe	180	33 04 17.91	84 01 21.90	11/14/01	IA Only	Not Analyzed
207-14	Monroe	110	32 54 20.45	84 04 37.69	11/14/01	IA Only	Not Analyzed
207-15	Monroe	300	32 51 54.69	83 57 13.48	11/14/01	IA Only	Not Analyzed
207-16	Monroe	Unknown	32 52 25.14	84 03 23.07	11/14/01	IA/Resample	Below Detection Limits
209-01	Montgomery	Unknown	31 59 59.76	82 31 05.10	11/29/01	IA Only	Not Analyzed
209-02	Montgomery	Unknown	32 06 36.12	82 28 07.32	11/29/01	IA Only	Not Analyzed
209-04	Montgomery	Unknown	32 04 04.02	82 30 38.64	11/29/01	IA Only	Not Analyzed
209-05	Montgomery	585	32 14 46.14	82 36 17.88	11/29/01	IA Only	Not Analyzed
209-06	Montgomery	320	32 13 42.42	82 35 23.58	11/29/01	IA Only	Not Analyzed
209-07	Montgomery	Unknown	32 11 07.38	82 34 14.46	11/29/01	IA Only	Not Analyzed
209-08	Montgomery	500	32 11 56.82	82 29 40.62	11/29/01	IA Only	Not Analyzed
209-09A	Montgomery	300	32 15 46.08	82 30 55.68	11/29/01	IA Only	Not Analyzed
209-09B	Montgomery	300	32 15 46.08	82 30 55.68	11/29/01	IA Only	Not Analyzed
209-09C	Montgomery	300	32 15 46.08	82 30 55.68	11/29/01	IA Only	Not Analyzed
209-10	Montgomery	375	32 14 45.36	82 32 41.58	11/29/01	IA Only	Not Analyzed
209-11	Montgomery	300	32 09 09.72	82 36 04.98	11/29/01	IA Only	Not Analyzed
209-12	Montgomery	450	32 14 00.36	82 28 00.84	11/29/01	IA Only	Not Analyzed
215-03	Muscogee	300	32 34 22.37	84 49 39.47	9/13/00	IA Only	Not Analyzed
215-04	Muscogee	>100	32 32 44.29	84 43 53.69	9/12/00	IA Only	Not Analyzed
215-05	Muscogee	333	32 33 09.92	84 44 01.61	9/12/00	IA Only	Not Analyzed
225-04	Peach	230	32 38 52.76	83 47 36.66	3/6/01	IA Only	Not Analyzed
225-06	Peach	Unknown	32 28 52.13	83 51 38.79	3/7/01	IA Only	Not Analyzed
225-07	Peach	160	32 35 32.25	83 44 50.65	3/7/01	IA Only	Not Analyzed
225-08A	Peach	70	32 31 59.77	83 44 48.15	3/7/01	IA Only	Not Analyzed
225-08B	Peach	58	32 31 59.55	83 44 43.71	3/7/01	IA Only	Not Analyzed
225-09	Peach	Unknown	32 38 42.79	83 50 05.16	3/6/01	IA Only	Not Analyzed
225-11	Peach	Unknown	32 37 03.71	83 45 58.39	3/7/01	IA Only	Not Analyzed
225-12	Peach	Unknown	32 32 33.76	83 55 25.79	3/6/01	IA Only	Not Analyzed
225-13	Peach	Unknown	32 34 30.71	83 51 29.68	3/6/01	IA Only	Not Analyzed
225-14	Peach	216	32 39 56.84	83 43 14.70	3/6/01	IA Only	Not Analyzed
225-15	Peach	Unknown	32 36 18.97	83 51 16.32	3/6/01	IA Only	Not Analyzed
225-16	Peach	Unknown	32 32 17.15	83 46 30.81	3/7/01	IA Only	Not Analyzed
225-17	Peach	Unknown	32 30 47.66	83 51 12.16	3/7/01	IA Only	Not Analyzed
225-21	Peach	240	32 36 38.08	83 49 23.32	3/6/01	IA Only	Not Analyzed
225-22	Peach	150	32 34 50.41	83 54 54.03	3/6/01	IA Only	Not Analyzed

225-23	Peach	43	32 30 35.78	83 56 43.97	3/6/01	IA Only	Not Analyzed
225-24	Peach	Unknown	32 29 26.15	83 48 59.17	3/15/01	IA Only	Not Analyzed
229-01A	Pierce	22	31 16 43.29	82 16 23.65	1/30/01	IA Only	Not Analyzed
229-01B	Pierce	Unknown	31 16 43.29	82 16 23.65	1/30/01	IA Only	Not Analyzed
229-02	Pierce	306	31 24 18.67	82 08 03.35	1/30/01	IA/Resample	Below Detection Limits
229-03	Pierce	Unknown	31 25 42.75	82 13 09.31	1/30/01	IA Only	Not Analyzed
229-04	Pierce	Unknown	31 25 17.81	82 06 54.32	9/5/01	IA Only	Not Analyzed
229-05	Pierce	Unknown	31 21 31.45	82 12 45.51	1/30/01	IA Only	Not Analyzed
229-06	Pierce	Unknown	31 16 09.83	82 11 54.69	1/30/01	IA Only	Not Analyzed
229-07	Pierce	Unknown	31 14 35.20	82 17 23.16	1/30/01	IA Only	Not Analyzed
229-08	Pierce	Unknown	31 15 57.93	82 12 42.07	9/5/01	IA Only	Not Analyzed
229-09	Pierce	Unknown	31 24 08.95	82 16 12.94	1/30/01	IA Only	Not Analyzed
229-10	Pierce	Unknown	31 21 58.36	82 17 12.37	1/30/01	IA Only	Not Analyzed
229-11	Pierce	Unknown	31 30 53.92	82 13 36.06	1/30/01	IA Only	Not Analyzed
229-12	Pierce	Unknown	31 18 59.65	82 21 51.03	1/30/01	IA Only	Not Analyzed
229-13	Pierce	700	31 24 39.30	82 19 36.56	1/30/01	IA Only	Not Analyzed
229-14	Pierce	Unknown	31 27 09.16	82 07 59.11	1/30/01	IA Only	Not Analyzed
229-15	Pierce	Unknown	31 30 44.11	82 14 57.68	9/5/01	IA Only	Not Analyzed
229-16	Pierce	300	31 20 03.20	82 17 36.23	9/5/01	IA Only	Not Analyzed
229-17	Pierce	360	31 21 03.97	82 18 36.31	9/5/01	IA Only	Not Analyzed
229-18A	Pierce	500	31 29 26.57	82 17 35.22	9/5/01	IA Only	Not Analyzed
229-18B	Pierce	40	31 29 26.57	82 17 35.22	9/5/01	IA Only	Not Analyzed
229-18C	Pierce	40	31 29 26.57	82 17 35.22	9/5/01	IA Only	Not Analyzed
229-19	Pierce	300-400	31 22 37.11	82 19 49.17	9/5/01	IA Only	Not Analyzed
229-20	Pierce	285	31 25 22.91	82 08 52.63	9/5/01	IA Only	Not Analyzed
229-21	Pierce	22	31 15 04.86	82 15 16.06	9/5/01	IA Only	Not Analyzed
229-22	Pierce	500	31 28 17.89	82 17 10.61	9/5/01	IA Only	Not Analyzed
235-02	Pulaski	Unknown	32 09 23.15	83 33 50.71	3/15/01	IA Only	Not Analyzed
235-03	Pulaski	Unknown	32 11 28.36	83 28 24.63	3/15/01	IA Only	Not Analyzed
235-05	Pulaski	Unknown	32 13 05.22	83 27 53.84	3/15/01	IA Only	Not Analyzed
235-06	Pulaski	Unknown	32 14 28.19	83 33 29.79	3/14/01	IA Only	Not Analyzed
235-07	Pulaski	Unknown	32 16 21.88	83 30 16.32	3/14/01	IA Only	Not Analyzed
235-08	Pulaski	Unknown	32 18 50.63	83 31 12.35	3/14/01	IA Only	Not Analyzed
235-09	Pulaski	165	32 18 25.95	83 34 40.67	3/14/01	IA Only	Not Analyzed
235-10	Pulaski	180	32 20 08.50	83 32 34.90	10/11/01	IA Only	Not Analyzed
235-11	Pulaski	185	32 16 13.57	83 33 37.39	3/14/01	IA Only	Not Analyzed
235-14	Pulaski	210	32 15 27.30	83 35 14.90	10/11/01	IA Only	Not Analyzed
235-15	Pulaski	Unknown	32 18 27.70	83 36 01.90	10/11/01	IA Only	Not Analyzed
235-16	Pulaski	190	32 16 52.20	83 22 01.70	10/11/01	IA Only	Not Analyzed
235-17	Pulaski	Unknown	32 13 19.70	83 21 06.80	10/11/01	IA Only	Not Analyzed
235-19	Pulaski	200	32 19 53.30	83 26 32.80	10/11/01	IA Only	Not Analyzed
235-20	Pulaski	Unknown	32 08 00.50	83 24 50.90	10/11/01	IA Only	Not Analyzed
235-21	Pulaski	300	32 08 01.20	83 25 23.80	10/11/01	IA Only	Not Analyzed
235-22	Pulaski	150	32 20 30.50	83 31 52.00	10/11/01	IA Only	Not Analyzed
235-23	Pulaski	150	32 20 06.40	83 32 25.80	10/11/01	IA Only	Not Analyzed
235-24	Pulaski	200	32 20 08.70	83 27 42.40	10/11/01	IA Only	Not Analyzed
239-01	Quitman	Unknown	31 51 32.21	85 02 46.86	11/15/00	IA Only	Not Analyzed
239-02	Quitman	500	31 51 36.03	85 04 00.62	11/15/00	IA Only	Not Analyzed
239-03	Quitman	Unknown	31 50 14.85	85 04 52.41	11/15/00	IA Only	Not Analyzed
239-04	Quitman	Unknown	31 50 10.66	84 59 21.51	11/15/00	IA Only	Not Analyzed
239-08	Quitman	260	31 50 58.80	85 02 29.20	7/18/01	IA Only	Not Analyzed
243-01	Randolph	39	31 51 03.1	84 45 46.2	10/4/00	IA/QA Samples	Below Detection Limits
243-03	Randolph	280	31 46 07.56	84 50 06.03	10/4/00	IA/QA Samples	Below Detection Limits
243-04	Randolph	Unknown	31 37 24.3	84 52 06.7	10/4/00	IA Only	Not Analyzed
243-05	Randolph	Unknown	31 43 04.90	84 51 14.44	10/4/00	IA Only	Not Analyzed
243-07	Randolph	Unknown	31 38 25.4	84 33 33.5	4/25/01	IA/QA Samples	Below Detection Limits
243-08	Randolph	300	31 39 36.7	84 47 11.2	4/12/01	IA Only	Not Analyzed
243-09	Randolph	225	31 46 21	84 36 54	4/11/01	IA Only	Not Analyzed

243-10	Randolph	90	31 42 06.	84 42 25.8	4/12/01	IA/Resample	Below Detection Limits
243-11	Randolph	70	31 42 02.2	84 45 27.6	4/12/01	IA Only	Not Analyzed
243-12	Randolph	220	31 45 11.6	84 47 33.0	4/11/01	IA Only	Not Analyzed
243-13	Randolph	200	31 46 20.8	84 37 31.4	4/11/01	IA Only	Not Analyzed
243-14	Randolph	85	31 47 16.0	84 42 32.4	4/11/01	IA Only	Not Analyzed
243-15A	Randolph	292	31 44 35.4	84 45 20.9	4/12/01	IA Only	Not Analyzed
243-15B	Randolph	200	31 50 23.4	84 45 11.2	4/12/01	IA Only	Not Analyzed
243-16	Randolph	120	31 45 33.7	84 40 54.3	4/11/01	IA Only	Not Analyzed
243-17	Randolph	>100	31 49 44.0	84 52 46.9	4/11/01	IA Only	Not Analyzed
243-20	Randolph	160	31 51 47.7	84 50 47.3	4/25/01	IA/QA Samples	Below Detection Limits
243-23	Randolph	Unknown	31 40 49.3	84 36 15.5	4/25/01	IA/QA Samples	Below Detection Limits
243-24	Randolph	240	31 39 21.4	84 36 18.0	4/25/01	IA Only	Not Analyzed
243-25	Randolph	65-200	31 38 35.6	84 42 33.7	4/25/01	IA Only	Not Analyzed
243-26	Randolph	Unknown	31 48 29.8	84 42 21.	4/25/01	IA/QA Samples	Alachlor (1.22 ppb)
243-28	Randolph	Unknown	31 41 04.2	84 55 52.8	5/9/01	IA Only	Not Analyzed
249-01	Schley	Unknown	32 19 12.85	84 16 19.64	10/4/00	IA/QA Samples	Below Detection Limits
249-02	Schley	180	32 11 04.1	84 16 33.3	10/4/00	IA Only	Not Analyzed
249-03A	Schley	60	32 14 48.63	84 17 19.42	10/4/00	IA/QA Samples	Below Detection Limits
249-03B	Schley	155	32 14 48.46	84 17 19.41	10/4/00	IA Only	Not Analyzed
249-04	Schley	25	32 19 05.28	84 21 10.99	10/4/00	IA Only	Not Analyzed
249-06	Schley	70	32 13 27.9	84 17 05.8	10/4/00	IA Only	Not Analyzed
249-07	Schley	128	32 16 32.02	84 13 10.15	10/4/00	IA Only	Not Analyzed
249-09	Schley	60	32 14 50.30	84 22 18.70	8/15/01	IA Only	Not Analyzed
249-10A	Schley	50	32 17 28.60	84 18 23.50	8/14/01	IA Only	Not Analyzed
249-10B	Schley	140	32 17 28.60	84 18 23.50	8/14/01	IA Only	Not Analyzed
249-11	Schley	295	32 22 24.60	84 22 32.50	8/14/01	IA Only	Not Analyzed
249-12	Schley	68	32 11 31.40	84 13 26.50	8/15/01	IA Only	Not Analyzed
249-13	Schley	90	32 10 18.50	84 23 29.80	8/15/01	IA Only	Not Analyzed
249-14	Schley	250	32 22 19.00	84 18 47.40	8/14/01	IA Only	Not Analyzed
249-15	Schley	105	32 10 38.00	84 13 56.40	8/15/01	IA Only	Not Analyzed
249-16	Schley	250	32 20 07.50	84 16 26.30	8/14/01	IA Only	Not Analyzed
249-17	Schley	160-200	32 13 30.60	84 22 56.70	8/15/01	IA Only	Not Analyzed
251-01	Screven	Unknown	32 50 24.20	81 45 58.70	8/1/01	IA Only	Not Analyzed
251-02	Screven	Unknown	32 49 55.10	81 43 12.70	8/1/01	IA Only	Not Analyzed
251-03	Screven	Unknown	32 49 27.50	81 41 18.70	8/1/01	IA Only	Not Analyzed
251-04	Screven	180	32 49 17.10	81 35 39.20	8/1/01	IA Only	Not Analyzed
251-05	Screven	Unknown	32 47 56.20	81 39 34.80	8/1/01	IA Only	Not Analyzed
251-06	Screven	Unknown	32 38 20.50	81 31 25.10	8/1/01	IA Only	Not Analyzed
251-07	Screven	Unknown	32 47 53.90	81 34 31.30	8/1/01	IA Only	Not Analyzed
251-08	Screven	Unknown	32 42 38.10	81 37 29.90	8/1/01	IA Only	Not Analyzed
251-09	Screven	325	32 37 27.80	81 31 44.40	8/1/01	IA Only	Not Analyzed
251-10	Screven	55	32 37 09.80	81 34 19.10	8/1/01	IA Only	Not Analyzed
251-11	Screven	Unknown	32 44 57.90	81 32 44.90	8/1/01	IA Only	Not Analyzed
251-12	Screven	Unknown	33 00 47.52	81 32 51.17	11/30/01	IA/Resample	Below Detection Limits
251-13	Screven	200	32 42 47.88	81 42 50.96	11/30/01	IA Only	Not Analyzed
251-14	Screven	Unknown	32 38 57.83	81 31 56.10	11/30/01	IA/Resample	Below Detection Limits
251-15	Screven	280	32 37 02.15	81 42 24.63	11/30/01	IA Only	Not Analyzed
251-16	Screven	Unknown	32 54 15.34	81 32 04.68	11/30/01	IA Only	Not Analyzed
251-17	Screven	168	32 34 00.24	81 30 52.97	11/30/01	IA Only	Not Analyzed
251-18	Screven	Unknown	32 53 28.97	81 31 15.19	11/30/01	IA Only	Not Analyzed
251-19	Screven	280	32 43 45.07	81 45 56.18	11/30/01	IA Only	Not Analyzed
251-20	Screven	Unknown	32 52 47.50	81 35 43.14	11/30/01	IA Only	Not Analyzed
253-01	Seminole	Unknown	30 48 07.06	84 50 23.81	1/8/01	IA Only	Not Analyzed
253-03	Seminole	Unknown	30 52 04.15	84 51 07.48	1/8/01	IA Only	Not Analyzed
253-05A	Seminole	Unknown	31 00 12.96	84 47 28.40	1/8/01	IA Only	Not Analyzed
253-05B	Seminole	Unknown	31 00 12.96	84 47 28.40	1/8/01	IA Only	Not Analyzed
253-06	Seminole	Unknown	30 46 29.2	84 50 52.2	1/8/01	IA Only	Not Analyzed
253-10	Seminole	Unknown	31 00 24.96	84 50 47.59	1/8/01	IA Only	Not Analyzed

253-12	Seminole	Unknown	30 48 32.96	84 48 39.33	7/9/01	IA Only	Not Analyzed
253-13	Seminole	100	30 55 41.18	84 52 57.68	1/8/01	IA Only	Not Analyzed
253-14	Seminole	100	31 03 53.09	84 59 56.79	7/10/01	IA Only	Not Analyzed
253-15	Seminole	Unknown	30 56 36.78	84 56 26.46	7/9/01	IA/Resample	Below Detection Limits
253-16	Seminole	125	30 54 48.16	84 46 36.73	7/9/01	IA Only	Not Analyzed
253-17	Seminole	Unknown	30 59 23.29	84 56 44.74	7/9/01	IA/Resample	Below Detection Limits
253-18	Seminole	117	31 03 10.26	84 52 44.33	7/10/01	IA/Resample	Below Detection Limits
253-19	Seminole	Unknown	30 55 25.41	84 54 17.00	7/9/01	IA Only	Not Analyzed
253-20	Seminole	Unknown	31 00 04.15	84 57 58.34	7/9/01	IA Only	Not Analyzed
253-21	Seminole	Unknown	31 04 12.70	84 53 19.69	7/10/01	IA Only	Not Analyzed
253-24	Seminole	Unknown	30 59 50.04	84 58 54.07	7/9/01	IA Only	Not Analyzed
259-01	Stewart	170	32 07 56.46	84 38 58.16	11/16/00	IA Only	Not Analyzed
259-02	Stewart	25	32 08 47.19	85 00 52.01	11/16/00	IA Only	Not Analyzed
259-03	Stewart	216	31 55 23.61	84 42 16.72	11/16/00	IA Only	Not Analyzed
259-05	Stewart	Unknown	32 03 27.93	84 47 11.52	11/16/00	IA Only	Not Analyzed
259-06	Stewart	Unknown	31 56 29.31	84 52 44.01	11/16/00	IA Only	Not Analyzed
259-07	Stewart	Unknown	31 58 29.51	84 50 18.81	11/16/00	IA Only	Not Analyzed
259-08	Stewart	Unknown	31 57 20.58	84 48 17.33	11/16/00	IA Only	Not Analyzed
259-09	Stewart	Unknown	32 04 19.48	84 50 50.51	11/16/00	IA Only	Not Analyzed
259-10	Stewart	Unknown	32 07 49.72	84 49 32.78	11/16/00	IA Only	Not Analyzed
259-11	Stewart	Unknown	32 05 25.36	85 02 28.48	11/16/00	IA Only	Not Analyzed
259-12	Stewart	Unknown	31 58 11.4	84 39 54.4	4/11/01	IA Only	Not Analyzed
259-13	Stewart	150	32 04 03.3	84 45 21.0	4/11/01	IA Only	Not Analyzed
259-14	Stewart	50	31 58 38.8	84 39 08.9	4/11/01	IA Only	Not Analyzed
259-16	Stewart	150	32 12 58.8	84 44 38.8	4/11/01	IA Only	Not Analyzed
259-17	Stewart	210	31 58 46.9	84 56 45.1	4/11/01	IA Only	Not Analyzed
259-19	Stewart	160	32 13 55.36	84 47 57.48	6/15/01	IA/Resample	Below Detection Limits
259-20	Stewart	200	32 00 06.55	84 48 18.50	6/15/01	IA Only	Not Analyzed
259-21	Stewart	180	32 01 15.19	84 46 46.62	6/15/01	IA Only	Not Analyzed
259-22A	Stewart	135	32 09 27.20	84 55 40.30	7/18/01	IA Only	Not Analyzed
259-22B	Stewart	125	32 10 07.70	84 55 07.40	7/18/01	IA Only	Not Analyzed
261-01	Sumter	120	31 58 57.5	84 11 11.5	5/9/00	IA Only	Not Analyzed
261-02	Sumter	200	31 55 38.8	84 16 12.0	5/8/00	IA/QA Samples	Below Detection Limits
261-04	Sumter	300	32 03 39.6	84 19 13.2	5/8/00	IA/QA Samples	Below Detection Limits
261-06	Sumter	150	32 04 49.7	84 05 17.97	10/19/00	IA Only	Not Analyzed
261-08	Sumter	156	32 01 06.0	84 26 29.2	5/8/00	IA/QA Samples	Below Detection Limits
261-09	Sumter	Unknown	32 02 19.92	84 12 48.3	10/19/00	IA Only	Not Analyzed
261-10	Sumter	Unknown	32 05 38.7	84 12 21.7	5/9/00	IA Only	Not Analyzed
261-12	Sumter	<100	31 56 19.8	83 56 36.6	5/9/00	IA Only	Not Analyzed
261-14	Sumter	280	32 06 04.31	84 11 21.18	10/19/00	IA Only	Not Analyzed
261-17	Sumter	180	32 06 30.6	84 03 05.0	5/18/00	IA/QA Samples	Below Detection Limits
261-18	Sumter	< 100	32 06 29.8	84 23 18.3	5/8/00	IA/QA Samples	Below Detection Limits
261-19	Sumter	200	31 55 25.89	84 19 04.20	2/20/01	IA Only	Not Analyzed
261-22	Sumter	76	32 06 13.19	84 18 34.87	10/19/00	IA Only	Not Analyzed
261-23	Sumter	Unknown	32 07 21.9	84 08 00.0	8/14/00	IA/QA Samples	Below Detection Limits
261-24	Sumter	Unknown	32 06 07.14	84 15 21.30	10/20/00	IA Only	Not Analyzed
261-26	Sumter	125	32 07 26.6	84 15 02.2	8/15/00	IA/QA Samples	Below Detection Limits
261-27	Sumter	Unknown	32 10 05.28	84 05 33.57	8/15/00	IA/QA Samples	Below Detection Limits
261-28	Sumter	Unknown	32 08 03.67	84 20 53.23	10/19/00	IA Only	Not Analyzed
261-29	Sumter	85	32 01 23.21	84 15 51.66	8/14/00	IA/QA Samples	Below Detection Limits
261-30	Sumter	80	31 59 28.57	84 06 55.31	10/20/00	IA/QA Samples	Below Detection Limits
261-31	Sumter	90	31 56 52.3	84 21 13.7	8/14/00	IA Only	Not Analyzed
261-32	Sumter	90-100	31 56 29.7	84 08 36.3	8/14/00	IA Only	Not Analyzed
261-35	Sumter	Unknown	31 57 20.06	84 02 33.52	1/23/01	IA Only	Not Analyzed
261-38	Sumter	90	31 59 12.23	83 57 42.50	1/23/01	IA Only	Not Analyzed
261-39	Sumter	75	32 08 43.07	84 24 43.73	1/23/01	IA Only	Not Analyzed
261-44	Sumter	120	32 02 35.39	84 01 38.69	1/23/01	IA/QA Samples	Below Detection Limits
261-45	Sumter	Unknown	32 07 15.59	84 02 21.24	1/23/01	IA Only	Not Analyzed

261-48	Sumter	10	32 04 44.05	84 07 27.53	2/20/01	IA Only	Not Analyzed
261-49	Sumter	78	31 55 11.18	84 19 07.19	2/20/01	IA Only	Not Analyzed
261-50	Sumter	87	32 00 57.31	84 04 26.62	5/15/01	IA Only	Not Analyzed
261-51	Sumter	92	32 02 30.50	84 23 35.49	5/15/01	IA Only	Not Analyzed
263-01	Talbot	Unknown	32 42 43.89	84 22 14.02	9/12/00	IA Only	Not Analyzed
263-02	Talbot	Unknown	32 48 06.64	84 30 03.37	9/12/00	IA Only	Not Analyzed
263-06	Talbot	Unknown	32 48 27.77	84 30 03.85	9/12/00	IA Only	Not Analyzed
263-07	Talbot	40-50	32 39 38.28	84 36 05.61	9/12/00	IA Only	Not Analyzed
263-08	Talbot	400	32 49 51.94	84 32 37.59	9/12/00	IA Only	Not Analyzed
263-09	Talbot	Unknown	32 36 50.12	84 32 55.49	9/12/00	IA Only	Not Analyzed
263-10	Talbot	500	32 43 20.70	84 39 19.62	9/12/00	IA Only	Not Analyzed
263-11	Talbot	25-30	32 50 26.38	84 37 12.25	9/12/00	IA/Resample	Atrazine (0.22 ppb)
263-12	Talbot	255	32 42 53.28	84 21 46.75	9/12/00	IA Only	Not Analyzed
263-13	Talbot	145	32 38 46.90	84 25 33.68	2/27/01	IA/QA Samples	Below Detection Limits
263-14	Talbot	47	32 47 13.0	84 31 47.5	5/31/01	IA/Resample	Below Detection Limits
263-15a	Talbot	40	32 38 53.7	84 31 11.5	5/31/01	IA Only	Not Analyzed
263-15b	Talbot	40	32 38 53.7	84 31 11.5	5/31/01	IA Only	Not Analyzed
263-17	Talbot	110	32 37 31	84 24 53	5/31/01	IA Only	Not Analyzed
263-18	Talbot	115	32 48 04.5	84 34 57.1	5/31/01	IA Only	Not Analyzed
263-19	Talbot	600	32 45 27.6	84 23 59.4	5/31/01	IA Only	Not Analyzed
263-20	Talbot	50	32 38 48.5	84 23 37.8	5/31/01	IA Only	Not Analyzed
267-01	Tattnall	Unknown	32 08 19.40	82 01 42.51	11/29/01	IA Only	Not Analyzed
267-04	Tattnall	Unknown	31 58 08.28	81 56 51.18	11/29/01	IA Only	Not Analyzed
267-05	Tattnall	Unknown	32 14 52.25	82 06 59.44	11/29/01	IA Only	Not Analyzed
267-07	Tattnall	Unknown	32 12 05.82	82 07 08.98	11/29/01	IA Only	Not Analyzed
267-08	Tattnall	160	32 00 28.26	81 58 46.32	11/29/01	IA Only	Not Analyzed
267-09	Tattnall	Unknown	32 02 01.50	81 55 38.76	11/30/01	IA Only	Not Analyzed
267-10A	Tattnall	28	31 57 35.75	82 09 32.75	11/29/01	IA Only	Not Analyzed
267-10B	Tattnall	600	31 57 35.75	82 09 32.75	11/29/01	IA Only	Not Analyzed
267-11	Tattnall	39	31 54 58.50	82 00 14.10	11/30/01	IA Only	Not Analyzed
267-12	Tattnall	700	32 17 10.43	82 09 43.78	11/29/01	IA Only	Not Analyzed
267-13	Tattnall	300	32 09 48.29	82 07 22.72	11/29/01	IA Only	Not Analyzed
267-14	Tattnall	620	31 59 23.58	81 56 39.48	11/29/01	IA Only	Not Analyzed
269-01	Taylor	128	32 29 43.70	84 12 33.53	10/25/00	IA/Resample	Below Detection Limits
269-02	Taylor	280	32 30 44.57	84 25 24.80	10/25/00	IA/Resample	Below Detection Limits
269-03	Taylor	180	32 26 41.38	84 19 11.63	10/25/00	IA Only	Not Analyzed
269-04	Taylor	210	32 30 01.71	84 25 11.79	10/25/00	IA/Resample	Below Detection Limits
269-05	Taylor	150	32 28 17.79	84 21 45.53	10/25/00	IA Only	Not Analyzed
269-06	Taylor	220	32 27 41.65	84 21 44.78	10/25/00	IA/Resample	Below Detection Limits
269-08	Taylor	130	32 25 46.60	84 14 46.20	8/15/01	IA Only	Not Analyzed
269-09A	Taylor	189	32 30 24.55	84 08 14.26	10/25/00	IA Only	Not Analyzed
269-09B	Taylor	200	32 29 38.85	84 08 38.13	10/25/00	IA Only	Not Analyzed
269-11	Taylor	100-150	32 30 42.00	84 12 17.50	8/14/01	IA Only	Not Analyzed
269-12	Taylor	90	32 39 23.00	84 09 38.50	8/14/01	IA Only	Not Analyzed
269-13	Taylor	Unknown	32 35 40.10	84 20 19.90	8/14/01	IA Only	Not Analyzed
269-14	Taylor	Unknown	32 39 23.00	84 09 38.50	8/14/01	IA Only	Not Analyzed
269-16	Taylor	Unknown	32 39 13.00	84 14 58.70	8/14/01	IA Only	Not Analyzed
269-18	Taylor	800	32 39 56.60	84 17 20.70	8/14/01	IA Only	Not Analyzed
269-19	Taylor	560	32 39 49.70	84 17 18.60	8/14/01	IA Only	Not Analyzed
269-20	Taylor	Unknown	32 39 37.60	84 20 49.40	8/14/01	IA Only	Not Analyzed
271-01	Telfair	Unknown	32 01 19.76	82 58 04.20	4/19/01	IA Only	Not Analyzed
271-03	Telfair	300	31 56 51.73	83 07 01.79	4/19/01	IA Only	Not Analyzed
271-04	Telfair	280	32 02 20.22	82 49 03.10	4/19/01	IA Only	Not Analyzed
271-08	Telfair	350	31 51 34.49	83 06 03.52	4/19/01	IA Only	Not Analyzed
271-10	Telfair	270	32 02 47.80	83 00 02.64	4/19/01	IA Only	Not Analyzed
273-01	Terrell	100	31 49 32.7	84 33 24.4	6/7/00	IA/QA Samples	Below Detection Limits
273-02	Terrell	80	31 46 11.70	84 31 31.29	11/29/00	IA Only	Not Analyzed
273-03	Terrell	Unknown	31 48 23.4	84 28 31.7	6/7/00	IA/QA Samples	Below Detection Limits

273-04	Terrell	Unknown	31 41 58.9	84 20 39.8	6/6/00	IA Only	Not Analyzed
273-05	Terrell	Unknown	31 48 37.7	84 22 10.4	6/20/00	IA Only	Not Analyzed
273-06	Terrell	80	31 51 26.4	84 21 44.1	6/28/00	IA/QA Samples	Below Detection Limits
273-07	Terrell	30	31 41 53.83	84 26 33.27	6/21/00	IA/Resample	Below Detection Limits
273-08	Terrell	150	31 38 33.8	84 31 57.4	6/21/00	IA Only	Not Analyzed
273-09	Terrell	100-200	31 55 02.1	84 32 43.3	6/21/00	IA Only	Not Analyzed
273-10	Terrell	Unknown	31 40 26.17	84 21 22.56	11/29/00	IA Only	Not Analyzed
273-12	Terrell	100	31 46 29.20	84 24 52.22	11/29/00	IA Only	Not Analyzed
273-13	Terrell	Unknown	31 51 32.11	84 23 17.82	11/28/00	IA Only	Not Analyzed
273-14	Terrell	Unknown	31 48 05.46	84 19 53.82	11/28/00	IA Only	Not Analyzed
273-15	Terrell	100	31 52 07.91	84 25 39.77	11/28/00	IA/Resample	Below Detection Limits
273-16	Terrell	Unknown	31 53 37.95	84 30 47.94	11/28/00	IA Only	Not Analyzed
273-17	Terrell	Unknown	31 50 41.19	84 29 17.50	11/28/00	IA Only	Not Analyzed
273-18	Terrell	Unknown	31 41 40.32	84 28 20.26	11/29/00	IA Only	Not Analyzed
273-19	Terrell	Unknown	31 41 41.42	84 23 02.46	11/29/00	IA Only	Not Analyzed
273-20	Terrell	Unknown	31 38 08.90	84 25 19.99	11/29/00	IA Only	Not Analyzed
275-01	Thomas	245	30 57 35.41	83 56 06.74	10/12/00	IA Only	Not Analyzed
275-02	Thomas	240	30 56 11.83	84 05 34.47	10/12/00	IA Only	Not Analyzed
275-03	Thomas	Unknown	30 55 02.24	83 47 41.93	10/12/00	IA Only	Not Analyzed
275-04	Thomas	285	30 59 31.16	83 53 35.63	10/12/00	IA Only	Not Analyzed
275-05	Thomas	280-320	30 55 19.9	84 02 42.8	6/6/01	IA/QA Samples	Below Detection Limits
275-06	Thomas	Unknown	31 00 12.91	84 02 36.16	10/12/00	IA Only	Not Analyzed
275-08	Thomas	280	30 59 02.55	83 47 48.76	10/12/00	IA Only	Not Analyzed
275-10	Thomas	275-325	30 59 32.10	83 52 34.82	10/12/00	IA Only	Not Analyzed
275-11	Thomas	200	30 48 43.47	83 56 32.87	10/12/00	IA Only	Not Analyzed
275-12A	Thomas	323	30 54 51.9	83 59 32.06	10/12/00	IA Only	Not Analyzed
275-12B	Thomas	Unknown	30 54 34.00	83 58 23.26	10/12/00	IA Only	Not Analyzed
275-13	Thomas	280	31 01 11.1	83 52 51.6	6/6/01	IA/QA Samples	Below Detection Limits
275-14	Thomas	Unknown	30 51 23.6	83 50 42.0	6/6/01	IA/QA Samples	Below Detection Limits
275-15	Thomas	250	30 47 53.6	83 48 35.0	6/6/01	IA Only	Not Analyzed
275-16	Thomas	335	30 42 24.3	84 02 42.9	6/7/01	IA Only	Not Analyzed
275-17	Thomas	340	30 46 03.2	84 03 37.3	6/7/01	IA Only	Not Analyzed
275-18	Thomas	Unknown	30 50 46.3	83 45 32.3	6/6/01	IA Only	Not Analyzed
275-19	Thomas	250-300	31 02 58.5	84 01 14.9	6/6/01	IA/QA Samples	Below Detection Limits
275-21	Thomas	250-300	30 59 10.00	83 57 07.50	6/28/01	IA/QA Samples	Below Detection Limits
275-22	Thomas	285	30 52 43.30	83 47 19.60	6/28/01	IA/QA Samples	Below Detection Limits
275-23	Thomas	Unknown	30 41 00.50	83 59 22.20	6/28/01	IA/QA Samples	Below Detection Limits
275-24	Thomas	350	31 00 25.90	84 04 38.70	7/18/01	IA Only	Not Analyzed
275-25	Thomas	310	31 01 03.80	83 45 57.40	7/18/01	IA Only	Not Analyzed
275-26	Thomas	Unknown	30 49 07.56	84 01 55.44	4/11/01	IA Only	Not Analyzed
277-01	Tift	225	31 30 31.06	83 35 54.17	10/10/01	IA Only	Not Analyzed
277-02	Tift	210	31 28 01.83	83 37 30.54	9/27/00	IA Only	Not Analyzed
277-03	Tift	Unknown	31 29 34.53	83 31 06.63	9/27/00	IA Only	Not Analyzed
277-04	Tift	Unknown	31 30 02.29	83 27 32.55	9/27/00	IA Only	Not Analyzed
277-05	Tift	240	31 27 42.01	83 32 24.52	9/27/00	IA Only	Not Analyzed
277-06	Tift	180	31 25 33.41	83 33 46.28	6/6/01	IA Only	Not Analyzed
277-07	Tift	Unknown	31 25 52.08	83 35 56.88	6/6/01	IA Only	Not Analyzed
277-09	Tift	26-30	31 32 31.35	83 33 56.97	6/6/01	IA/Resample	Below Detection Limits
277-10	Tift	280	31 30 31.03	83 28 04.44	6/6/01	IA Only	Not Analyzed
277-11	Tift	240	31 33 35.37	83 30 55.94	6/6/01	IA Only	Not Analyzed
277-13	Tift	90	31 22 50.64	83 34 23.16	6/6/01	IA Only	Not Analyzed
277-14	Tift	Unknown	31 28 43.62	83 25 08.96	6/6/01	IA Only	Not Analyzed
277-15	Tift	180	31 28 30.84	83 28 52.27	10/10/01	IA/QA Samples	Below Detection Limits
277-16	Tift	345	31 28 01.11	83 27 12.32	10/10/01	IA/QA Samples	Below Detection Limits
277-17	Tift	140	31 23 44.44	83 27 44.87	10/10/01	IA Only	Not Analyzed
277-18	Tift	113	31 24 04.02	83 28 00.84	10/10/01	IA Only	Not Analyzed
277-20	Tift	625	31 23 06.26	83 25 23.24	10/10/01	IA Only	Not Analyzed
277-21	Tift	260	31 35 04.68	83 37 22.44	10/10/01	IA/QA Samples	Below Detection Limits

277-22A	Tift	400	31 20 08.00	83 37 01.83	10/10/01	IA Only	Not Analyzed
277-22B	Tift	170	31 20 08.00	83 37 01.83	10/10/01	IA Only	Not Analyzed
277-23	Tift	Unknown	31 26 03.77	83 34 45.30	10/10/01	IA Only	Not Analyzed
279-01	Toombs	35	32 10 47.21	82 13 21.08	5/10/01	IA Only	Not Analyzed
279-02	Toombs	40	32 08 14.78	82 24 04.59	5/10/01	IA Only	Not Analyzed
279-03	Toombs	42	32 12 46.55	82 14 28.55	5/10/01	IA Only	Not Analyzed
279-04	Toombs	>500	32 06 48.50	82 13 42.49	5/10/01	IA Only	Not Analyzed
279-07	Toombs	38	32 06 59.40	82 19 15.42	5/10/01	IA Only	Not Analyzed
283-02	Treutlen	Unknown	32 20 50.30	82 34 33.46	9/27/01	IA Only	Not Analyzed
283-03	Treutlen	Unknown	32 25 46.40	82 39 29.01	9/27/01	IA Only	Not Analyzed
283-05	Treutlen	120	32 28 53.20	82 37 56.75	9/27/01	IA Only	Not Analyzed
283-07	Treutlen	275	32 22 50.26	82 29 59.45	9/27/01	IA Only	Not Analyzed
283-08	Treutlen	100	32 25 25.51	82 35 13.77	9/27/01	IA Only	Not Analyzed
283-10	Treutlen	200	32 24 39.25	82 33 04.69	9/27/01	IA Only	Not Analyzed
287-01	Turner	250	31 36 33.67	83 34 56.96	10/24/00	IA/Resample	Below Detection Limits
287-02	Turner	Unknown	31 41 18.21	83 35 42.04	10/24/00	IA/Resample	Below Detection Limits
287-03	Turner	180	31 48 10.76	83 31 47.44	10/24/00	IA Only	Not Analyzed
287-04	Turner	Unknown	31 46 24.89	83 41 29.46	10/24/00	IA/Resample	Below Detection Limits
287-05	Turner	300	31 39 21.21	83 37 51.21	10/24/00	IA/Resample	Below Detection Limits
287-06	Turner	Unknown	31 38 03.99	83 40 01.67	10/24/00	IA/Resample	Below Detection Limits
287-07	Turner	250	31 42 56.47	83 31 52.58	10/24/00	IA Only	Not Analyzed
287-08	Turner	Unknown	31 42 57.35	83 31 56.31	10/24/00	IA/Resample	Below Detection Limits
287-09	Turner	Unknown	31 43 02.29	83 32 03.18	10/24/00	IA/Resample	Below Detection Limits
287-10	Turner	Unknown	31 39 30.73	83 33 55.45	10/24/00	IA/Resample	Below Detection Limits
287-11	Turner	Unknown	31 39 16.72	83 46 58.14	10/24/00	IA Only	Not Analyzed
287-12	Turner	210	31 36 32.70	83 32 30.40	8/28/01	IA Only	Not Analyzed
287-13	Turner	180	31 47 10.60	83 29 16.50	8/28/01	IA Only	Not Analyzed
287-14	Turner	240	31 40 33.60	83 45 23.70	8/28/01	IA Only	Not Analyzed
287-16	Turner	300	31 42 20.50	83 42 49.90	8/28/01	IA Only	Not Analyzed
287-17	Turner	200	31 45 42.00	83 43 57.90	8/28/01	IA Only	Not Analyzed
287-18	Turner	60-100	31 44 14.60	83 37 07.90	8/29/01	IA Only	Not Analyzed
287-19	Turner	300	31 46 09.80	83 29 27.10	8/28/01	IA Only	Not Analyzed
289-02	Twiggs	50	32 50 41.54	83 26 46.50	3/22/01	IA Only	Not Analyzed
289-03	Twiggs	360	32 35 13.77	83 28 46.52	3/22/01	IA Only	Not Analyzed
289-04	Twiggs	Unknown	32 38 12.26	83 28 42.16	3/22/01	IA Only	Not Analyzed
289-05	Twiggs	Unknown	32 35 10.03	83 16 24.88	3/22/01	IA Only	Not Analyzed
289-06	Twiggs	Unknown	32 35 52.57	83 19 52.19	3/22/01	IA Only	Not Analyzed
289-08	Twiggs	Unknown	32 37 52.13	83 30 13.85	3/22/01	IA Only	Not Analyzed
289-09	Twiggs	170	32 50 49.04	83 28 45.71	3/22/01	IA Only	Not Analyzed
289-10	Twiggs	110	32 49 30.33	83 27 24.86	3/22/01	IA Only	Not Analyzed
289-11	Twiggs	180	32 42 39.47	83 32 30.41	3/22/01	IA Only	Not Analyzed
289-13	Twiggs	50	32 33 52.37	83 23 23.34	9/21/01	IA Only	Not Analyzed
289-14	Twiggs	95	32 35 25.67	83 22 16.66	9/20/01	IA Only	Not Analyzed
289-15	Twiggs	400	32 42 11.19	83 22 44.77	9/20/01	IA Only	Not Analyzed
289-16	Twiggs	200	32 32 21.95	83 20 42.92	9/20/01	IA Only	Not Analyzed
289-17	Twiggs	100	32 33 48.92	83 24 51.42	9/20/01	IA Only	Not Analyzed
289-18	Twiggs	Unknown	32 44 41.18	83 29 03.84	9/20/01	IA Only	Not Analyzed
293-01	Upson	Unknown	32 52 19.6	84 11 50.5	4/26/01	IA Only	Not Analyzed
293-02	Upson	Unknown	32 59 20.8	84 24 04.6	4/26/01	IA Only	Not Analyzed
293-03	Upson	Unknown	32 55 34.1	84 25 02.9	4/26/01	IA Only	Not Analyzed
293-04	Upson	Unknown	32 54 30.2	84 30 08.5	4/26/01	IA Only	Not Analyzed
293-07	Upson	Unknown	32 50 17.4	84 21 15.1	4/26/01	IA/Resample	Below Detection Limits
293-08	Upson	Unknown	32 52 17.1	84 23 44.8	4/26/01	IA Only	Not Analyzed
293-10	Upson	Unknown	32 57 25.1	84 26 03.4	4/26/01	IA Only	Not Analyzed
293-11	Upson	100	32 55 53.2	84 16 10.4	4/26/01	IA Only	Not Analyzed
293-12	Upson	Unknown	32 49 15.76	84 17 41.35	11/7/01	IA Only	Not Analyzed
293-13	Upson	67	32 56 25.97	84 09 01.72	11/7/01	IA Only	Not Analyzed
293-14	Upson	50	32 45 05.68	84 11 30.61	11/7/01	IA Only	Not Analyzed

293-15	Upson	50	32 55 59.40	84 23 46.00	11/7/01	IA Only	Not Analyzed
293-16	Upson	Unknown	32 50 53.80	84 16 37.66	11/7/01	IA Only	Not Analyzed
293-17	Upson	35	32 57 57.18	84 13 45.28	11/7/01	IA/Resample	Below Detection Limits
305-01	Wayne	19	31 37 59.24	82 03 45.61	4/20/01	IA Only	Not Analyzed
305-03A	Wayne	400	31 33 59.69	81 58 09.56	4/20/01	IA Only	Not Analyzed
305-03B	Wayne	20	31 33 59.69	81 58 09.56	4/20/01	IA Only	Not Analyzed
305-04	Wayne	Unknown	31 43 27.57	81 55 53.45	4/20/01	IA Only	Not Analyzed
305-06	Wayne	Unknown	31 32 06.64	82 06 01.31	4/20/01	IA Only	Not Analyzed
305-07	Wayne	Unknown	31 33 31.69	81 53 06.04	4/20/01	IA Only	Not Analyzed
305-08	Wayne	42	31 28 54.9	82 01 01.9	4/20/01	IA Only	Not Analyzed
305-09	Wayne	Unknown	31 32 19.61	81 47 49.09	4/20/01	IA Only	Not Analyzed
305-10	Wayne	50	31 37 02.12	82 00 37.53	4/20/01	IA Only	Not Analyzed
305-11	Wayne	220	31 39 53.35	81 55 06.01	4/20/01	IA Only	Not Analyzed
307-02	Webster	200	32 00 13.00	84 39 02.05	3/29/01	IA Only	Not Analyzed
307-03	Webster	90	32 07 38.30	84 37 05.07	3/29/01	IA Only	Not Analyzed
307-04	Webster	65	31 55 59.84	84 32 16.42	3/29/01	IA Only	Not Analyzed
307-05	Webster	90	32 00 36.14	84 34 00.17	3/29/01	IA Only	Not Analyzed
307-06	Webster	125	32 02 09.23	84 28 38.17	3/29/01	IA Only	Not Analyzed
307-07	Webster	120-130	32 02 37.05	84 32 42.57	3/29/01	IA Only	Not Analyzed
315-01	Wilcox	125	31 56 18.1	83 18 29.7	4/18/01	IA Only	Not Analyzed
315-02	Wilcox	Unknown	32 05 33.5	83 28 26.8	4/19/01	IA/Resample	Below Detection Limits
315-03	Wilcox	125	32 00 48.8	83 26 00.8	4/19/01	IA/Resample	Below Detection Limits
315-04	Wilcox	Unknown	32 02 05.9	83 36 37.6	4/19/01	IA Only	Not Analyzed
315-05	Wilcox	Unknown	31 53 04.1	83 14 01.6	4/18/01	IA/Resample	Below Detection Limits
315-06	Wilcox	200	31 54 46.5	83 23 16.6	4/18/01	IA/Resample	Below Detection Limits
315-08	Wilcox	50	31 53 54.53	83 15 56.27	10/25/01	IA Only	Not Analyzed
315-09	Wilcox	Unknown	31 57 19.33	83 30 12.05	10/25/01	IA Only	Not Analyzed
315-10	Wilcox	Unknown	31 53 58.71	83 35 54.94	10/25/01	IA/QA Samples	Below Detection Limits
315-11	Wilcox	202	32 06 18.25	83 33 45.38	10/25/01	IA/Resample	Below Detection Limits
315-12	Wilcox	150	31 51 29.87	83 20 57.70	10/25/01	IA Only	Not Analyzed
315-13	Wilcox	150	31 58 53.61	83 32 47.64	10/25/01	IA Only	Not Analyzed
315-14	Wilcox	Unknown	32 04 29.74	83 27 07.94	10/25/01	IA Only	Not Analyzed
315-15	Wilcox	Unknown	31 51 25.19	83 25 23.41	10/25/01	IA Only	Not Analyzed
315-16	Wilcox	160	31 55 52.94	83 35 54.97	10/25/01	IA Only	Not Analyzed
315-17	Wilcox	200	31 56 01.64	83 36 16.46	10/25/01	IA Only	Not Analyzed
321-01	Worth	Unknown	31 21 11.51	83 56 44.56	10/25/00	IA Only	Not Analyzed
321-02	Worth	Unknown	31 44 08.17	83 59 04.38	10/25/00	IA Only	Not Analyzed
321-03	Worth	210	31 46 44.04	83 52 47.76	10/25/00	IA/Resample	Below Detection Limits
321-04	Worth	Unknown	31 27 19.86	83 59 29.76	10/25/00	IA/Resample	Below Detection Limits
321-05	Worth	260	31 35 08.37	83 43 58.93	10/25/00	IA Only	Not Analyzed
321-06	Worth	Unknown	31 21 38.74	83 53 07.98	1/25/01	IA Only	Not Analyzed
321-07	Worth	Unknown	31 36 41.58	83 55 33.97	10/25/00	IA Only	Not Analyzed
321-11	Worth	100	31 35 09.35	83 57 11.80	10/25/00	IA Only	Not Analyzed
321-12	Worth	Unknown	31 22 39.86	83 42 48.39	11/9/00	IA Only	Not Analyzed
321-13	Worth	Unknown	31 34 58.44	83 55 88.40	1/25/01	IA Only	Not Analyzed
321-14	Worth	240	31 31 27.18	83 39 17.31	11/9/00	IA/Resample	Below Detection Limits
321-15	Worth	235	31 41 21.00	83 49 23.98	10/25/00	IA Only	Not Analyzed
321-16	Worth	Unknown	31 30 47.45	83 57 53.31	10/25/00	IA/Resample	Below Detection Limits
321-17	Worth	Unknown	31 26 57.86	83 48 08.64	11/9/00	IA Only	Not Analyzed
321-19	Worth	Unknown	31 28 49.94	83 53 00.73	10/25/00	IA Only	Not Analyzed
321-20	Worth	24	31 30 34.87	83 45 41.15	11/9/00	IA Only	Not Analyzed
321-25	Worth	600	31 21 53.44	83 45 13.31	11/9/00	IA/Resample	Below Detection Limits
321-27	Worth	Unknown	31 24 01.32	83 58 36.60	11/8/00	IA Only	Not Analyzed
321-28	Worth	Unknown	31 24 22.50	83 58 25.98	5/23/01	IA/QA Samples	Below Detection Limits
321-29	Worth	Unknown	31 33 30.63	83 47 05.45	11/9/00	IA Only	Not Analyzed
321-30	Worth	Unknown	31 31 41.42	83 42 02.82	11/8/00	IA Only	Not Analyzed
321-32	Worth	Unknown	31 50 39.35	83 54 51.54	1/25/01	IA/QA Samples	Below Detection Limits
321-34	Worth	265	31 27 25.17	83 49 21.52	1/25/01	IA Only	Not Analyzed

321-35	Worth	Unknown	31 37 37.14	83 51 57.24	1/25/01	IA Only	Not Analyzed
321-38	Worth	Unknown	31 22 05.87	83 50 12.78	5/23/01	IA/QA Samples	Below Detection Limits
321-39	Worth	Unknown	31 22 57.24	83 52 22.17	5/23/01	IA/QA Samples	Below Detection Limits
321-41	Worth	Unknown	31 27 25.03	83 52 22.14	5/23/01	IA/QA Samples	Below Detection Limits
321-42	Worth	180	31 39 28.97	83 58 07.05	5/16/01	IA Only	Not Analyzed

(1) Types IA only = immunoassay only, sample tested below USEPA Method 507
IA/QA = immunoassay sample, with QA sample for laboratory analyses collected at the same time as the immunoassay sample
IA/Resample = immunoassay indicated potential presence of target pesticides and related compounds at concentrations in excess of USEPA Method 507 minimum detection limits, resulting in resamples being taken on later dates for laboratory analyses using USEPA Method 507.

Cost: $79
Quantity: 30

Figure 2. Sample Distribution Map for the Domestic Well Water Testing Project, May 2000 through December 31, 2001