September 9, 2013

Mr. David Brownlee
Voluntary Remediation Program Manager
Georgia Environmental Protection Division
2 JLK Jr. Dr. SE
Suite 1462 East Tower
Atlanta, GA 30334-9000

Subject: **Semi-Annual Progress Report**
Voluntary Remediation Program
Former Farmers Favorite Fertilizer Site
Moultrie, Colquitt County, Georgia
HSI Number: 10259

Dear Mr. Brownlee:

URS Corporation (URS) is submitting this Progress Report on behalf of PCS Joint Venture, Ltd. (PCS). This submittal is in response to the March 9, 2012 Georgia Environmental Protection Division (GEPD) correspondence, which accepted PCS into the Voluntary Remediation Program (VRP) and required Semi-annual Progress reporting. This report describes the actions taken at the site since the last progress report was submitted on March 9, 2013.

GEPD's approval of the VIRP required certain revisions to the VIRP. These revisions were addressed by URS in a Response to the GEPD March 9, 2012 Deficiency Comments dated May 21, 2012. There have been no subsequent correspondences from GEPD to address in this progress report.

The VIRP specifies that the following corrective actions related to the former FFF site must be addressed:

- Installation of additional groundwater monitoring wells to complete plume delineation
    - Task completed March 23, 2012; Installed two additional groundwater monitoring wells to assess upgradient groundwater conditions.
    - Task completed May 9, 2012; Groundwater from the two new wells, MW-48S and MW-49S, was sampled and analyzed for site constituents of concern (COCs).

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- Continued semi-annual groundwater sampling
  - On-going
  - Semi-Annual groundwater sampling has been conducted at the site since February 2010.
- Evaluation and documentation of the existing groundwater monitoring network
  - Task completed (see September 9, 2012 Semi-annual Progress Report)
- Evaluation of historical groundwater concentrations
  - On-going
- Groundwater transport modeling to show that no human or environmental receptors will be affected by impacts identified for the site
  - Task has been initiated; progress is discussed in this progress report
- Execution of a Uniform Environmental Covenant (UEC) to restrict exposure to impacted groundwater, if needed
  - Future task

CONCEPTUAL SITE MODEL

No changes are necessary to the Conceptual Site Model (CSM). The full description of the CSM has been presented in the September 9, 2012 Semiannual Progress Report. This description represents current site conditions.

COMPLETED MILESTONES

The *horizontal delineation* of the groundwater plume is considered complete *on-site* (September 9, 2012 Progress Report (Section 7)).

The *horizontal delineation* of the groundwater plume is considered complete *off-site* with the installation of monitoring wells, MW-48S and MW-49S. These wells are considered upgradient wells (September 9, 2012 Progress Report).

As demonstrated in the September 2012 Progress Report, the *vertical delineation* of the groundwater plume is considered complete. The hydrogeologic framework beneath the Site is defined. The subsurface beneath the Site does not include the typical surficial aquifer. The surficial aquifer is missing for this part of Colquitt County. The groundwater found beneath the Site is contained within what are defined as confining unit sediments. COCs decrease in

concentration with depth because of the low permeability of the confining sediments. These upper sediments are considered to be part of a massive confining unit that is more than 300 ft thick. The low water transmitting ability prevents vertical leakage from reaching the underlying aquifer system (September 9, 2012 Progress Report).

Attachment 2 contains the VIRP Schedule, which also summarizes the completion status of Milestone tasks.

PROGRESS YEAR 2 VIRP TASKS

Groundwater Sampling

Semi-annual groundwater sampling was conducted in March 2013 and in August 2013. The results from the March 2013 sampling event are included as **Attachment 1**. The August 2013 sampling event will be reported in the March 9, 2014 Progress Report.

Groundwater Flow and Fate and Transport Modeling

URS has initiated groundwater flow and fate and transport modeling for the site and anticipates completing this work prior to the next Progress Report (March 2014). The purpose of the modeling effort is to determine the fate of chemicals of concern (primarily lead) in the groundwater at the facility and to assess the possibility for impacts to potential receptors per the VRP requirements. The primary potential environmental receptor is Okapilco Creek. Potential impact to human receptors is unlikely given that the site is classified as industrial and no water supply wells are located within the upper confining unit.

A groundwater model was constructed in Visual MODFLOW to ascertain the fate and transport of metal-impacted groundwater beneath the facility. The model currently consists of five layers and extends from the facility to known hydrologic boundaries to the east and west and to a distance that will limit artificial boundary influences to the north and south. Hydraulic conductivity values were based primarily on Site data as there is limited published information for the area.

URS intends to continue modeling efforts and will conduct additional well tests at the site to supplement the existing hydraulic conductivity data and to better define the extent of geologic heterogeneity. This is extremely important with regard to the transport aspect of modeling as plume migration is strongly controlled by heterogeneity. In addition, two separate models (pre-excavation and post-excavation) may need to be employed and maintained as the change in hydraulic conductivity, resulting from source removal activities, cannot be duplicated with a single model. Once the modeling is complete, URS will prepare a detailed report that describes development and application of the model to the FFF Site and will present this report as an appendix to the next Progress Report.

SITE SCHEDULE

Attachment 2 shows the target dates for completion of the major tasks outlined in the VIRP. No significant changes to the Schedule are necessary at this time. Work outlined in the VIRP is on schedule.

The next semi-annual groundwater sampling event is scheduled for March 2014.

The next semi-annual progress report will be submitted on March 9, 2014.

The final Remediation Plan which will incorporate the modeling work and the site RRS, will be submitted by September 9, 2014, per the VIRP approval letter.

If you have any questions regarding this Progress Report, please call me at 850-402-6409 or send email to jeffry.wagner@urs.com.

Sincerely,

Jeffry R. Wagner
Project Manager

Candace Beauvais
Project Hydrogeologist
Georgia PG License # 2067

JRW/CB/lc

Enclosure: 1 hardcopy and 2 CD copies

Attachment 1 – March 2013 Groundwater Sampling Event
Attachment 2 – Schedule

cc: Michael Brom, PCS Joint Venture Ltd.
David Reuland, GEPD

URS

PROFESSIONAL GEOLOGIST CERTIFICATION

"I certify under penalty of law that this report and all attachments were prepared by me or under my direct supervision in accordance with the Voluntary Remediation Program Act (O.C.G.A. Section 12-8-101, et seq.). I am a professional engineer/professional geologist who is registered with the Georgia State Board of Registration for Professional Engineers and Land Surveyors/Georgia State Board of Registration for Professional Geologists and I have the necessary experience and am in charge of the investigation and remediation of this release of regulated substances.

Furthermore, to document my direct oversight of the Voluntary Remediation Plan development, implementation of corrective action, and long term monitoring, I have attached a monthly summary of hours invoiced and description of services provided by me to the Voluntary Remediation Program participant since the previous submittal to the Georgia Environmental Protection Division.

The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Candace Beauvais #2067 — September 5, 2013

Printed Name and GA PE/PG Number — Date

Candace Beauvais

Signature and Stamp

CANDACE BEAUVAIS
GEORGIA REGISTERED PROFESSIONAL GEOLOGIST
NO. 2067

PROFESSIONAL GEOLOGIST TIME LOG

Professional Geologist	**Candace Beauvais No. 002067**	
Charges to Client Re: VIRP **FFF, Moultrie, Colquitt County** **HSI #10259**		
Date (Week ending)	**Hours**	**Description**
04/5/13	29	Groundwater modeling
04/12/13	18	Groundwater modeling
04/19/13	28	Groundwater modeling
04/26/19	2	RRS calculations
05/3/13	15.5	Groundwater modeling
05/10/13	4	RRS calculations
05/17/13	8	RRS calculations
06/7/13	9.5	Groundwater modeling
6/14/13	32.5	Groundwater modeling
6/21/13	9.5	Groundwater modeling
7/5/13	4	RRS calculations
7/12/13	4	RRS calculations
7/26/13	16	Groundwater modeling
8/2/13	37	Groundwater modeling
8/9/13	37	Groundwater modeling
8/16/13	28	Groundwater modeling
8/23/13	15	Review groundwater sampling results; database maintenance; review of figures. Review draft progress report
Total	**297**	

DESCRIPTION OF SERVICES SINCE MARCH 9, 2013

Services provided included groundwater model set, calibrations and testing; review of March 2013 groundwater sampling results and associated data; review and evaluation of site Risk Reduction Standards (RRS); preparation of text associated with groundwater modeling and Progress Report review.

CD/DVD CERTIFICATION PAGE

URS Corporation (URS) certifies that this electronic copy of the report identified below is virus free, complete and identical to the paper copy that was submitted to the Georgia Department of Natural Resources Environmental Protection Division.

SEMI-ANNUAL PROGRESS REPORT VOLUNTARY REMEDIATION PROGRAM

FORMER FARMERS FAVORITE FERTILIZER SITE

315 4TH AVENUE

MOULTRIE, COLQUITT COUNTY, GEORGIA

HSI NUMBER: 10259

Dated September 9, 2013

File Path: S:\PCS Administration\PCS Entities\PCS Joint Venture, Ltd. - FFF\Moultrie\Deliverables

ATTACHMENT 1

Groundwater Sampling – March Event

ATTACHMENT 1

MARCH 2013 GROUNDWATER SAMPLING EVENT

One of the components of the VIRP is semi-annual groundwater sampling. Sampling was performed on March 11-21, 2013. The results of the March 2013 sampling event are reported in this Semi-Annual Progress Report dated September 9, 2013. The location of the Site with respect to the town of Moultrie, Georgia is shown on **Figure 1**.

1.1 MONITORING NETWORK

A total of 68 groundwater monitoring wells (55 monitoring wells screened in the shallow water-bearing zone of the Upper Confining Unit and 13 monitoring wells screened in the intermediate water-bearing zone of the Upper Confining Unit) comprise the monitoring well network for the March 2013 sampling event. Monitoring well locations are shown on **Figure 2.** Monitoring well constructions details are presented in **Table 1**.

The semi-annual groundwater sampling event was performed in accordance with the approved March 2010 Groundwater Monitoring Plan and sampling protocols and procedures outlined in the VIRP. Specific procedures for the various activities are summarized in the following sections.

1.2 GROUNDWATER ELEVATION MEASUREMENTS

The depth to groundwater was measured in all monitoring wells associated with the Site. Prior to purging and sampling activities, monitoring wells were opened and groundwater levels allowed to equilibrate to atmospheric conditions. Following the collection of groundwater level measurements and the collection of each groundwater sample, the depth of each monitoring well was measured. All measurements, groundwater sampling data, and field observations were recorded in the field book. The water-level data is used to calculate approximate water table elevations and to evaluate the general direction of groundwater flow in the water-bearing zones of the upper confining unit. This data is presented in **Table 2**. The potentiometric surfaces for the two historically recognized water-bearing zones of the Upper Confining Unit are presented on **Figure 3**.

1.3 WELL PURGING

Prior to purging the wells, the depth to water was measured. This data was used with the total depth of the well, well casing diameter, and well casing diameter volume factor to determine the volume of water to be removed from the well prior to sampling.

The shallow water-bearing zone wells were purged a minimum of 3 well volumes and the intermediate water-bearing zone wells were purged an equipment volume. When stabilization criteria (as follows) for three consecutive measurements were achieved the wells were sampled:

- pH [constant within 0.1 Standard Units (SU)],
- specific conductance [constant within 5 percent],
- turbidity [below 10 Nephelometric Turbidity Units (NTUs)],
- dissolved oxygen (DO) [within 0.2 milligrams per liter (mg/L) or 10% saturation, whichever is greater]

During purging, the following data (with corresponding units) were recorded in the field book: time, temperature, specific conductance, DO, pH, oxidation/reduction potential (ORP), turbidity, color, odor, and depth to water. In addition, purge start time, tubing placement and purge rate were also recorded.

At several monitoring wells where the purge rates did not exceed the recharge rates of the water bearing zone, a low flow/low stress purging method was used to minimize purge water volume and obtain samples with lower turbidity measurements. At two monitoring wells (MW-49S and MW-31S), the purge rate exceeded the recharge rate of the water bearing zone and the well purged dry. Stabilization parameters were collected as soon as an adequate volume of water was available, and then the sample was collected.

During purging the water level was measured before purging and during purging to record the drawdown in the well. This measurement was made at regular intervals and recorded in the log book along with the time of measurements and purge rates.

1.4 SAMPLING PROCEDURES

Groundwater sampling activities were performed March 11 through 21, 2013. Groundwater samples were collected from 68 monitoring wells. Groundwater sample collection was performed in accordance with the United States Environmental Protection Agency (USEPA) Region 4 Standard Operating Procedures (SOPs) SESD-PROC-301-R2, effective October 28, 2011. Prior to collecting groundwater samples, water levels were measured to determine the volume of water to be removed from the monitoring well during purging. The monitoring wells were purged using a peristaltic pump in accordance with USEPA Region 4 SOPs. Samples were analyzed in the field for oxidation reduction potential (ORP), dissolved oxygen (DO), pH, specific conductance, turbidity, and temperature. A summary of the groundwater quality parameters collected during the March 2013 sampling event is presented in **Table 3**. **Figure 2** shows the approximate locations of the monitoring wells. Field-filtered aliquots of groundwater samples were collected at 10 locations where groundwater turbidity values exceeded 10 NTUs. Copies of the groundwater sampling logs and field equipment calibration logs are provided as **Appendix A**.

1.5 INVESTIGATION DERIVED WASTE

All investigative derived waste (IDW) was contained in labeled 55-gallon drums and temporarily staged at a secure, on-site location. On April 5, 2013, Perma-Fix of Florida, Inc. transported the purge water to a waste water treatment facility. A copy of the non-hazardous waste manifest documentation is provided as **Appendix B**.

1.6 COCS AND ANALYTICAL METHODS

All groundwater samples were sent under chain-of-custody protocol to TestAmerica Laboratories, Inc. (NELAC Certification #81005) located in Tallahassee, Florida. Groundwater samples were analyzed for a combination of the following COCs:

- Arsenic USEPA Method 6020
- Barium USEPA Method 6020
- Beryllium USEPA Method 6020
- Cadmium USEPA Method 6020

- Copper USEPA Method 6020
- Lead USEPA Method 6020
- Nickel USEPA Method 6020
- Selenium USEPA Method 6020
- Thallium USEPA Method 6020
- Zinc USEPA Method 6020
- Mercury USEPA Method 7470A (for MW-29S and MW-35S only)

Copies of analytical laboratory reports, including chain-of-custody documentation are included as **Appendix C**.

1.7 MODIFICATION TO MONITORING WELL SAMPLING PLAN

One of the recommendations in the Fourth Semi-Annual Monitoring Report dated May 2011 was to discontinue the analysis of antimony, chromium, vanadium and silver from the monitoring program. Also, Table 8 of the May 2011 Semi-Annual Monitoring Report restricted sampling to certain select monitoring wells.

On September 23, 2011, GEPD approved the May 2011 Report and approved discontinuing analysis for the above constituents. Additionally, the approval letter stated that vanadium is not a regulated substance, so monitoring of vanadium is not required. Finally, the letter approved the changes listed in Table 8 of the May 2011 report except for the following:

- Analysis for copper to be continued at MW-29S and MW-30S
- Analysis for mercury to be continued at MW-29S and MW-35S
- Analysis for zinc to be continued at MW-6S-R and MW-42S

The current monitoring well sampling plan for the Site is summarized in **Table 4**.

1.8 GROUNDWATER SAMPLING RESULTS

The following sections provide discussions of the extent and concentrations for each of the 10 metals of concern in groundwater relative to the Type 1 risk reduction standards (RRSs). The groundwater analytical results are summarized in **Table 5**.

1.8.1 Arsenic

Arsenic was detected at concentrations that exceeded the Type 1 RRS of 0.01 mg/L in groundwater samples collected from the following shallow zone monitoring wells:

- MW-3S (0.25 mg/L)
- MW-4S (0.063 mg/L)
- MW-6S-R (0.018 mg/L)
- MW-9S-R (0.049 mg/L)
- MW-12S (0.210 mg/L)
- MW-15S (0.044 mg/L)

- MW-19S (0.015 mg/L)
- MW-32I (0.055 mg/L)
- MW-41S (0.014 mg/L)
- MW-42S (0.026 mg/L)
- MW-43S (0.011 mg/L)
- MW-45S (0.019 mg/L)
- FFFW-2-R (0.037 mg/L)
- FFFW-3-R (0.014 mg/L)
- MW-TP5S (0.140 mg/L)

Total arsenic concentrations in the shallow zone groundwater are depicted on **Figure 4**. The highest concentration is associated with MW-3S. This monitoring well is southwest of the former sulfuric acid plant.

Arsenic was not detected at a concentration that exceeded the Type 1 RRS in any of the groundwater samples collected from the intermediate zone.

Field-filtered aliquots of the groundwater samples collected from monitoring wells MW-1S-R, MW-5S-R, MW-7S-R, MW-28S, MW-31S, MW-34I, MW-49S, FFFW-4-R, MW-TP2S, and MW-TP5I were analyzed for arsenic. Concentrations of dissolved arsenic were below the Type 1 RRS in all field-filtered aliquots except MW-42S (0.026 mg/L).

1.8.2 Barium

Barium was detected at concentrations that exceeded the Type 1 RRS of 2 mg/L in groundwater samples collected from the following shallow zone monitoring wells:

- MW-7I (2.3 mg/L)
- MW-35S (2.4mg/L)
- MW-48S (4.3 mg/L)
- FFFW-2-R (4.2 mg/L)
- MW-TP5S (47 mg/L)

Total barium concentrations in the shallow zone groundwater are depicted on **Figure 5.** The highest concentration is associated with MW-TP5S. This area is associated with the former wastewater pond location.

It should be noted that MW-48S is an upgradient location. This location, as well as other monitoring locations in the northwest portion of the Site, is being affected by off-site source(s) upgradient of this location.

Barium was not detected at a concentration that exceeded the Type 1 RRS in the groundwater sample collected from intermediate zone except for MW-7I (2.3 mg/L).

Field-filtered aliquots of the groundwater samples collected from monitoring wells MW-28S and MW-31S were analyzed for barium. Concentrations of dissolved barium were below the Type 1 RRS in all field-filtered aliquots.

1.8.3 Beryllium

Beryllium was detected at a concentration that exceeded the Type 1 RRS of 0.004 mg/L in groundwater samples collected from the following shallow zone monitoring wells:

- MW-3S (0.023 mg/L)
- MW-6S-R (0.0061 mg/L)
- MW-7S-R (0.0046 mg/L)
- MW-12S (0.035 mg/L)
- MW-15S (0.0043 mg/L)
- MW-29S (0.0039 mg/L)
- MW-32I (0.016 mg/L)
- MW-41S (0.0043 mg/L)
- MW-48S (0.0086 mg/L)
- FFFW-2-R (0.060 mg/L)
- MW-TP5S (0.34 mg/L)

Total beryllium concentrations in the shallow zone groundwater are depicted on **Figure 6.** The highest concentration is associated with MW-TP5S. This area is associated with the former wastewater pond location.

It should be noted that MW-48S is an upgradient location. This location, as well as other monitoring locations in the northwest portion of the Site, is being affected by off-site source(s) upgradient of this location.

Beryllium was not detected at a concentration that exceeded the Type 1 RRS in the groundwater sample collected from intermediate except at MW-7I which had a concentration of 0.0047 mg/L. Total beryllium concentrations in the intermediate zone groundwater are depicted on **Figure 6**.

Field-filtered aliquots of the groundwater samples collected from monitoring wells MW-5S-R, MW-7S-R, MW-31S, MW-49S, and FFFW-4-R were analyzed for beryllium. Concentrations of dissolved beryllium were below the Type 1 RRS in all field-filtered aliquots.

1.8.4 Cadmium

Cadmium was detected at concentrations that exceeded the Type 1 RRS of 0.005 mg/L in groundwater samples collected from the following shallow zone monitoring wells:

- MW-3S (0.011 mg/L)
- MW-6S-R (0.0053 mg/L)
- MW-19S (0.0080 mg/L)

- MW-32I (0.0056 mg/L)
- MW-34S (0.0091 mg/L)
- MW-TP5S (0.017 mg/L)

Total cadmium concentrations in the shallow zone groundwater are depicted on **Figure 7**. The highest concentration is associated with MW-TP5S. This area is associated with the former wastewater pond location.

Cadmium was not detected in the intermediate zone.

Field-filtered aliquots of the groundwater samples collected from monitoring wells MW-5S-R and MW-49S were analyzed for cadmium. Concentrations of dissolved cadmium were below the Type 1 RRS in all the field-filtered aliquots.

1.8.5 Copper

Copper was detected at a concentration that exceeded the Type 1 RRS of 1.3 mg/L in the groundwater sample collected from shallow zone monitoring well MW-3S (1.6 mg/L), which is associated with area of the former sulfuric acid plant. Total copper concentrations in the shallow zone groundwater are depicted on **Figure 8**.

Copper is not a COC in the intermediate zone.

The field-filtered aliquot of the groundwater sample collected from monitoring well MW-49S was analyzed for copper. The concentration of dissolved copper in this sample was below the Type 1 RRS.

1.8.6 Lead

Lead was detected at concentrations that exceeded the Type 1 RRS of 0.015 mg/L in groundwater samples collected from the following shallow zone monitoring wells:

- MW-3S (0.120 mg/L),
- MW-9S-R (0.028 mg/L),
- MW-12S (0.085 mg/L),
- MW-15S (0.027 mg/L),
- MW-29S (0.056 mg/L),
- MW-32I (0.096 mg/L),
- MW-35S (0.017 mg/L),
- MW-41S (0.034 mg/L),
- MW-48S (0.033 mg/L),
- FFFW-2-R (0.450 mg/L),
- MW-TP5S (1.6 mg/L)

Lead concentrations in the shallow zone groundwater are depicted on **Figure 9.** The highest concentration is associated with MW-TP5S and this area is associated with the former wastewater pond location.

It should be noted that MW-48S is an upgradient location. This location, as well as other monitoring locations in the northwest portion of the Site, is being affected by off-site source(s) upgradient of this location.

Lead was detected at a concentration that exceeded the Type 1 RRS in the groundwater sample collected from intermediate zone monitoring well MW-7I (0.055 mg/L). Total lead concentrations in the intermediate zone groundwater are depicted on **Figure 9**.

Field-filtered aliquots of the groundwater samples collected from monitoring wells MW-1S-R, MW-5S-R, MW-7S-R, MW-31S, MW-34I, MW-49S, FFFW-4-R, MW-TP2S, and MW-TP5I were analyzed for lead. Concentrations of dissolved lead were below the RRS in all field-filtered aliquots.

1.8.7 Nickel

Nickel was detected at a concentration that exceeded the Type 1 RRS of 0.1 mg/L in groundwater samples collected from the following shallow zone monitoring wells:

- MW-3S (0.26 mg/L)
- MW-6S-R (0.13 mg/L)
- MW-12S (0.18 mg/L)
- MW-32I (0.11 mg/L)
- FFFW-2-R (0.13 mg/L)
- MW-TP5S (0.70 mg/L)

Total nickel concentrations in the shallow zone groundwater are depicted on **Figure 10**. The highest concentration is associated with MW-TP5S and the area is associated with the former wastewater pond location.

Nickel was not detected at a concentration that exceeded the Type 1 RRS in any of the groundwater samples collected from intermediate zone.

Field-filtered aliquots of the groundwater samples collected from monitoring wells MW-1S-R, MW-5S-R, MW-7S-R, MW-28S, MW-31S, MW-34I, MW-49S, FFFW-4-R, MW-TP2S, and MW-TP5I were analyzed for nickel. Concentrations of dissolved nickel were below the Type 1 RRS in all field-filtered aliquots.

1.8.8 Selenium

Selenium was detected at a concentration that exceeded the Type 1 RRS of 0.05 mg/L in the groundwater sample collected from shallow zone monitoring well MW-3S (0.077 mg/L), which is associated with area of the former sulfuric acid plant. Selenium was also detected at a concentration that exceeded the Type 1 RRS of 0.05 mg/L in the groundwater sample collected from shallow zone monitoring well MW-12S (0.054 mg/L). Total selenium concentrations in the shallow zone groundwater are depicted on **Figure 11**.

Selenium is not a COC in the intermediate zone.

The field-filtered groundwater aliquot of the sample collected from monitoring well MW-49S was analyzed for selenium. Dissolved selenium was not detected in this sample.

1.8.9 Thallium

Thallium was detected at a concentration that exceeded the Type 1 RRS of 0.002 mg/L in the groundwater sample collected from shallow zone monitoring well MW-TP5S (0.0039 mg/L), which is associated with the former wastewater pond location.

Thallium is not a COC in the intermediate zone.

The field-filtered groundwater aliquot of the sample collected from monitoring well MW-49S was analyzed for thallium. Dissolved thallium was not detected in this sample.

1.8.10 Zinc

Zinc was detected at a concentration that exceeded the Type 1 RRS of 2 mg/L in groundwater samples collected from the following shallow zone monitoring wells:

- MW-3S-R (2.2 mg/L)
- MW-19S (5.6 mg/L)
- MW-34S (2.3 mg/L)

Zinc concentrations in the shallow zone groundwater are depicted on **Figure 12.** The highest concentration is associated with MW-19S and this area is immediately east of the former granulation plant.

Zinc was not detected at a concentration that exceeded the Type 1 RRS in any of the groundwater samples collected from intermediate zone.

Field-filtered aliquots of the groundwater samples collected from monitoring wells MW-34I, MW-49S, and MW-TP5I were analyzed for zinc. Concentrations of dissolved zinc were below the Type 1 RRS in all field-filtered aliquots.

1.9 PHYISCAL GROUNDWATER QUALITY PARAMETERS

During groundwater sampling activities, the physical groundwater quality parameters (temperature, pH, specific conductance, DO, ORP, turbidity) were measured at each well and recorded on groundwater sampling log forms and in a bound logbook. Additionally, the color and odor of the purged groundwater from each well were qualitatively measured and recorded. These data are presented in **Table 3**. Copies of groundwater sampling logs and field equipment calibration logs are provided as **Appendix A**.

1.10 QUALITY ASSURANCE / QUALITY CONTROL SAMPLE RESULTS

All samples were received by the laboratory in good condition and within the acceptable temperature range. A quality assurance/quality control (QA/QC) review of the groundwater sample analytical data collected during the semi-annual groundwater sampling event was performed. Results of the laboratory QC evaluation indicated that all samples were analyzed within the required holding times.

For sample MW-19S, the matrix spike/matrix spike duplicate (MS/MSD) recoveries for zinc were outside control limits. The recoveries were qualified with a (4). The associated laboratory control sample recoveries met acceptable criteria. No other analytical or quality issues were noted.

Three equipment blanks (EQ-1, EQ-2 and EQ- 3) were collected during the March 2013 groundwater sampling event. Each of the equipment blanks was analyzed for the 10 metals of concern. Copper was detected in EQ-2 and EQ-3 samples at concentrations of 0.0021 mg/L and 0.0017 mg/L, respectively. Zinc (0.010 mg/L) was also detected in EQ-2. All were qualified with a "J" qualifier, which indicates that the result is less than the reporting limit but greater than or equal to the method detection limit and the reported concentration is an approximate value.

Seven duplicate samples [DUP-1 (MW-6S-R); DUP-2 (MW-29S); DUP-3 (MW-3S); DUP-4 (MW-TP5S); DUP-5 (MW-36S); DUP-6 (MW-12S); and DUP-7 (MW-32I)] were collected during the March 2013 sampling event. Relative percent differences (RPDs) were calculated. A RPD provides an indication of how variable the analytical results are between the original and its duplicate sample. RPD values were within the advisory QC limit of 30 percent for groundwater samples except for the following:

- Lead had a high RPD of 40 percent when comparing the groundwater results from MW-TP5S and DUP-4.
- Selenium had a high RPD of 123 percent when comparing the groundwater results from MW-TP5S and DUP-4.

A summary of QA sample analyses is presented in **Table 6**. In addition to the field QC samples, the laboratory performed its standard QC analyses, including analyses of a method blank and a laboratory control standard. The results of the laboratory QC analyses are within acceptable limits except for the previously mentioned samples. Therefore, the field and laboratory data are valid and suitable for the intended purpose.

1.11 FINDINGS

The water level data collected during the March 2013 sampling event indicates that groundwater flow direction within the water-bearing zones of the confining unit beneath the Site remains toward the southeast from the northwest. Historically, the southeast direction has been the primary groundwater flow direction. **Figure 3** shows the potentiometric surfaces during March 2013 for both the shallow and intermediate water-bearing zones in the upper confining unit of the surficial aquifer.

It appears that the bulk of the concentration mass centers on four wells, MW-3S, MW-12S, and MW-TP5S and the near vicinity. The primary constituents are arsenic and lead.

Historically, the locations of the wells listed above have yielded the highest concentrations in the shallow groundwater. The occurrence and extent of concentrations in the immediate portion of the water-bearing zone of the upper confining unit is very limited. This coincides with the increasing clay lithology with depth.

TABLES

TABLE 1
SUMMARY OF MONITORING WELL CONSTRUCTION INFORMATION FOR ACTIVE WELLS
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Installation Date	Outer Casing Diameter	Well Diameter	Ground Surface Elevation (MSL)	Top of Casing Elevation (MSL)	Stick-up (ft als)	Well Depth (ft bls)	Screen Interval Depth (ft bls)	Screen Elevation (MSL)	Water Bearing Zone
MW-1S-R	10/27/2006	NA	2-INCH	292.86	295.54	2.68	12	2 - 12	290.86 - 280.86	Shallow
MW-1I-R	10/26/2006	NA	2-INCH	292.76	295.48	2.72	35.5	30 - 34.5	265.48 - 260.98	Intermediate
MW-2S	1/6/1999	NA	2-INCH	293.14	292.81	NA	14	4 -14	289.14 - 279.14	Shallow
MW-2I	12/9/1998	6-INCH	2-INCH	289.72	292.97	NA	35.5	30 - 35	259.72 - 254.72	Intermediate
MW-3S	1/6/1999	NA	2-INCH	293.49	293.05	NA	14	4 - 14	289.49 - 279.49	Shallow
MW-3I	12/9/1998	6-INCH	2-INCH	293.87	293.71	NA	40	35 - 40	258.87 - 253.87	Intermediate
MW-4S	1/5/1999	NA	2-INCH	287.28	287.26	NA	12	2 - 12	285.28 - 275.28	Shallow
MW-5S-R	10/24/2006	NA	2-INCH	290.53	293.27	2.74	14	4 - 14	286.53 - 276.53	Shallow
MW-6S-R	10/24/2006	NA	2-INCH	297.44	300.34	2.9	14	4 - 14	293.44 - 283.44	Shallow
MW-6I	4/19/2000	6-INCH	2-INCH	293.66	293.41	2.75	33	28 - 33	265.66 - 260.66	Intermediate
MW-7S-R	10/24/2006	NA	2-INCH	293.40	296.45	3.05	14	4 - 14	289.40 - 279.40	Shallow
MW-7I	4/19/2000	6-INCH	2-INCH	295.41	295.13	NA	49.5	39.5 - 49.5	255.91 - 245.91	Intermediate
MW-8I	2/4/2010	6-INCH to 17 ft	2-INCH	297.02	299.94	2.92	35	30 - 35	267.02 - 262.02	Intermediate
MW-9S-R	10/24/2006	NA	2-INCH	290.69	293.57	2.88	14	4 - 14	286.69 - 276.69	Shallow
MW-10S-R	10/26/2006	NA	2-INCH	287.30	290.14	2.84	14	4 - 14	283.30 - 273.30	Shallow
MW-10I	10/26/2006	NA	2-INCH	286.94	289.67	2.73	40	35 - 40	256.94 - 251.94	Intermediate
MW-11S	3/3/1999	NA	2-INCH	288.97	290.97	2.7	12	2 - 12	286.97 - 276.97	Shallow
MW-12S	4/18/2000	NA	2-INCH	295.94	295.61	NA	25	15 - 25	280.94 - 270.94	Shallow
MW-12I	3/4/1999	6-INCH	2-INCH	295.85	295.68	NA	38	33.5 - 38.0	262.35 - 257.85	Intermediate
MW-13S-R	10/24/2006	NA	2-INCH	289.43	292.49	3.06	14	4 - 14	285.43 - 275.43	Shallow
MW-13I	6/18/2003	6-INCH	2-INCH	---	299.29	NA	54.1	44 - 54	255.29 - 245.29	Intermediate
MW-15S	4/18/2000	NA	2-INCH	295.86	295.38	NA	20	10 - 20	285.86 - 275.86	Shallow
MW-18S	8/2/2000	NA	2-INCH	285.64	285.48	NA	13	3 - 13	282.64 - 272.64	Shallow
MW-19S	8/2/2000	NA	2-INCH	284.71	287.75	3.04	13	3 - 13	281.71 - 271.71	Shallow
MW-20S	8/2/2000	NA	2-INCH	284.57	284.58	NA	15	5 - 15	279.57 - 269.57	Shallow
MW-21S	12/18/2002	NA	2-INCH	---	288.67	NA	20	5 - 20	283.67 - 268.67	Shallow
MW-22S	12/19/2002	NA	2-INCH	---	283.99	NA	16.5	6.5 - 16.5	277.49 - 267.49	Shallow
MW-23S	12/19/2002	NA	2-INCH	---	289.45	NA	32.25	22.25 - 32.25	267.20 - 257.20	Shallow
MW-24S	12/19/2002	NA	2-INCH	---	286.00	NA	30.75	20.75 - 30.75	265.25 - 255.25	Shallow
MW-25S	12/19/2002	NA	2-INCH	280.72	280.47	NA	15.25	5.25 - 15.25	275.47 - 265.47	Shallow
MW-26S	12/18/2002	NA	2-INCH	---	286.60	NA	20	5 - 20	281.60 - 266.60	Shallow
MW-27S-R	10/25/2006	NA	2-INCH	289.18	292.13	2.95	14	4 - 14	285.18 - 275.18	Shallow
MW-28S	12/18/2002	NA	2-INCH	---	301.26	NA	26	16 - 26	285.26 - 275.26	Shallow
MW-29S	6/16/2003	NA	2-INCH	---	299.96	NA	29.5	19 - 29	280.96 - 270.96	Shallow
MW-30S	6/18/2003	NA	2-INCH	---	302.44	NA	38.5	18.5 - 38.5	283.94 - 263.94	Shallow
MW-31S	6/17/2003	NA	2-INCH	---	297.52	NA	39.5	19.5 - 39.5	278.02 - 258.02	Shallow
MW-32S-R	2/4/2010	NA	2-INCH	293.65	296.56	2.91	13	3 - 13	290.65 - 280.65	Shallow
MW-32I	2/8/2010	6-INCH to 17 ft	2-INCH	293.60	296.39	2.79	27	22 - 27	271.60 - 266.60	Shallow
MW-33S	6/16/2003	NA	2-INCH	---	280.45	NA	27.5	17 - 27	263.45 - 253.45	Shallow
MW-34S	6/16/2003	NA	2-INCH	---	284.66	NA	14.5	4.5 - 14.5	280.16 - 270.16	Shallow
MW-34I	2/4/2010	6-INCH to 17 ft	2-INCH	284.54	287.49	2.95	43	38 - 43	246.54 - 241.54	Intermediate
MW-35S	10/23/2006	NA	2-INCH	302.62	302.41	NA	25	15 - 25	287.62 - 277.62	Shallow
MW-36S	10/24/2006	NA	2-INCH	290.76	293.18	2.58	14	4 - 14	286.76 - 276.76	Shallow
MW-37S	10/25/2006	NA	2-INCH	289.99	292.56	2.57	16	6 - 16	283.99 - 273.99	Shallow
MW-38S	10/25/2006	NA	2-INCH	289.81	292.92	3.11	16	6 - 16	283.81 - 273.81	Shallow
MW-39S	10/27/2006	NA	2-INCH	293.65	293.35	2.7	16	6 - 16	287.65 - 277.65	Shallow
MW-40S	2/9/2010	NA	2-INCH	298.59	298.42	NA	35	25 - 35	273.59 - 263.59	Shallow

TABLE 1
SUMMARY OF MONITORING WELL CONSTRUCTION INFORMATION FOR ACTIVE WELLS
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Installation Date	Outer Casing Diameter	Well Diameter	Ground Surface Elevation (MSL)	Top of Casing Elevation (MSL)	Stick-up (ft als)	Well Depth (ft bls)	Screen Interval Depth (ft bls)	Screen Elevation (MSL)	Water Bearing Zone
MW-41S	2/8/2010	NA	2-INCH	290.61	290.39	NA	30	20 - 30	270.61 - 260.61	Shallow
MW-42S	2/9/2010	NA	2-INCH	290.06	289.97	NA	15	5 - 15	285.06 - 275.06	Shallow
MW-43S	2/9/2010	NA	2-INCH	285.25	288.34	3.09	15	5 - 15	280.25 - 270.25	Shallow
MW-44S	2/8/2010	NA	2-INCH	287.35	290.44	3.09	20	10 - 20	277.35 - 267.35	Shallow
MW-45S	8/23/2011	NA	2-INCH	284.71	287.47	2.76	20	10 - 20	264.71 - 254.71	Shallow
MW-46S	2/10/2010	NA	2-INCH	282.70	282.48	NA	15	5 - 15	277.70 - 267.70	Shallow
MW-47S	2/10/2010	NA	2-INCH	293.37	293.11	NA	32	22 - 32	271.37 - 261.37	Shallow
MW-48S	3/23/2012	NA	2-INCH	302.38	302.44	NA	30	29.85	30	20 - 30
MW-49S	3/23/2012	NA	2-INCH	293.19	293.19	NA	34	34.1	34	24 - 34
FFFW-1-R	8/23/2011	NA	2-INCH	283.50	286.36	2.86	12	2 - 12	281.50 - 271.50	Shallow
FFFW-2-R	10/24/2006	NA	2-INCH	289.50	292.05	2.38	27	17 - 27	272.50 - 262.50	Shallow
FFFW-2I	2/3/2010	6-INCH to 36 ft	2-INCH	289.72	292.97	3.25	50	45 - 50	244.72 - 239.72	Intermediate
FFFW-3-R	8/23/2011	NA	2-INCH	285.06	288.06	3.00	14	4 - 14	281.06 - 271.06	Shallow
FFFW-4-R	8/22/2011	NA	2-INCH	283.58	286.39	2.81	14	4 - 14	279.58 - 269.58	Shallow
MW-TP1S	8/1/2000	NA	2-INCH	284.53	284.24	NA	20	10 - 20	274.53 - 264.53	Shallow
MW-TP1I	8/2/2000	6-INCH	2-INCH	284.57	284.49	NA	48	43 - 48	241.57 - 236.57	Intermediate
MW-TP2S	7/31/2000	NA	2-INCH	278.31	278.29	NA	20	10 - 20	268.31 - 258.31	Shallow
MW-TP3S	7/31/2000	NA	2-INCH	278.79	278.71	NA	20	10 - 20	268.79 - 258.79	Shallow
MW-TP4S	7/31/2000	NA	2-INCH	287.67	287.38	NA	25	15 - 25	272.67 - 262.67	Shallow
MW-TP5S	8/2/2000	NA	2-INCH	288.64	288.33	NA	25	15 - 25	273.64 - 263.64	Shallow
MW-TP5I	2/3/2010	6-INCH to 35 ft	2-INCH	288.46	291.52	3.06	50	45 - 50	243.46 - 238.46	Intermediate

Notes:
MSL = Mean Sea Level
ft als = Feet above land surface
ft bls = Feet below land surface

TABLE 2
GROUNDWATER ELEVATION SUMMARY
Former Farmers Favorite Fertilizer
Moultrie, Florida

Well No.	MW-1S-R		MW-1I-R		MW-2S		MW-2I		MW-3S		MW-3I		MW-4S		MW-5S-R		MW-6S-R		MW-6I	
Diameter (in)	2		2		2		2		2		2		2		2		2		2	
Well Depth	12		34.5		14		35		14		40		12		14		14		33	
Screen Interval	2 - 12		30 - 34.5		4 - 14		30 - 35		4 - 14		35 - 40		2 - 12		4 - 14		4 - 14		28 - 33	
Well Head Stick-up	2.68		2.72		Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade		2.74		2.90		Flush to Grade	
T.O.C. Elevation	295.54		295.48		292.81		293.15		293.05		293.71		287.26		293.27		300.34		293.41	
Date	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**
11/7/2006	288.35	7.19	287.59	7.89	289.45	3.36	286.36	6.79	284.89	8.16	285.55	8.16	284.80	2.46	286.47	6.80	293.92	6.42	287.20	6.21
8/24/2009	288.64	6.90	287.53	7.95	288.79	4.02	286.26	6.89	287.06	5.99	285.52	8.19	284.86	2.40	286.99	6.28	293.90	6.44	287.23	6.18
2/22/2010	292.11	3.43	288.75	6.73	291.37	1.44	287.54	5.61	288.26	4.79	286.70	7.01	285.44	1.82	289.13	4.14	295.35	4.99	288.49	4.92
8/23/2010	289.27	6.27	287.85	7.63	289.70	3.11	286.73	6.42	287.36	5.69	285.84	7.87	285.33	1.93	287.37	5.90	293.81	6.53	287.67	5.74
2/21/2011	290.06	5.48	287.95	7.53	289.54	3.27	286.68	6.47	288.27	4.78	285.91	7.80	285.13	2.13	287.96	5.31	294.06	6.28	287.71	5.70
8/22/2011	288.24	7.30	286.92	8.56	287.90	4.91	285.63	7.52	287.83	5.22	284.98	8.73	285.57	1.69	286.39	6.88	293.43	6.91	286.79	6.62
3/12/2012	290.13	5.41	288.14	7.34	290.40	2.41	286.85	6.30	289.05	4.00	286.11	7.60	285.04	2.22	288.17	5.10	294.31	6.03	287.91	5.50
5/9/2012	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM
8/20/2012	290.04	5.50	288.29	7.19	290.39	2.42	287.03	6.12	288.81	4.24	286.28	7.43	285.42	1.84	288.03	5.24	294.15	6.19	288.08	5.33
3/11/2013	289.86	5.68	288.34	7.14	289.74	3.07	287.12	6.03	289.31	3.74	286.30	7.41	285.04	2.22	288.09	5.18	294.07	6.27	288.12	5.29

Notes:

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in = Inches
Elev. = Elevation
DTW = Depth To Water

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TABLE 2
GROUNDWATER ELEVATION SUMMARY
Former Farmers Favorite Fertilizer
Moultrie, Florida

Well No.	MW-7S-R		MW-7I		MW-8I		MW-9S-R		MW-10S-R		MW-10I		MW-11S		MW-12S		MW-12I		MW-13S-R	
Diameter (in)	2		2		2		2		2		2		2		2		2		2	
Well Depth	14		49.5		35		14		14		40		12		25		38		14	
Screen Interval	4 - 14		39.5 - 49.5		30 - 35		4 - 14		4 - 14		35 - 40		2 - 12		15 - 25		33.5 - 38		4 - 14	
Well Head Stick-up	3.05		Flush to Grade		2.92		2.88		2.84		2.73		2.70		Flush to Grade		Flush to Grade		3.06	
T.O.C. Elevation	296.45		295.13		299.94		293.57		290.14		289.67		290.97		295.61		295.68		292.49	
Date	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**
11/7/2006	288.40	8.05	285.61	9.52	NI		287.42	6.15	282.68	7.46	282.63	7.04	283.94	7.03	285.08	10.53	285.22	10.46	NM	6.33
8/24/2009	288.75	7.70	285.61	9.52	NI		287.35	6.22	283.00	7.14	282.59	7.08	283.67	7.30	285.24	10.37	285.26	10.42	NM	5.72
2/22/2010	291.90	4.55	287.46	7.67	288.92	11.02	288.37	5.20	284.35	5.79	284.25	5.42	287.35	3.62	286.71	8.90	286.24	9.44	288.69	3.80
8/23/2010	289.40	7.05	285.92	9.21	287.99	11.95	287.51	6.06	283.42	6.72	283.03	6.64	284.87	6.10	285.50	10.11	285.55	10.13	287.09	5.40
2/21/2011	289.74	6.71	285.96	9.17	288.11	11.83	287.74	5.83	283.60	6.54	283.34	6.33	285.82	5.15	285.40	10.21	285.59	10.09	287.60	4.89
8/22/2011	288.40	8.05	285.02	10.11	287.11	12.83	286.88	6.69	282.31	7.83	281.65	8.02	282.40	8.57	284.69	10.92	284.69	10.99	286.29	6.20
3/12/2012	289.93	6.52	286.14	8.99	288.28	11.66	287.94	5.63	283.79	6.35	283.60	6.07	286.00	4.97	285.59	10.02	285.77	9.91	287.87	4.62
5/9/2012	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM
8/20/2012	289.76	6.69	286.07	9.06	288.43	11.51	287.94	5.63	283.66	6.48	283.44	6.23	285.41	5.56	285.83	9.78	285.96	9.72	287.75	4.74
3/11/2013	289.58	6.87	286.41	8.72	288.51	11.43	287.98	5.59	283.80	6.34	283.95	5.72	286.47	4.50	285.88	9.73	286.02	9.66	288.14	4.35

Notes:

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TABLE 2
GROUNDWATER ELEVATION SUMMARY
Former Farmers Favorite Fertilizer
Moultrie, Florida

Well No.	MW-13I		MW-15S		MW-18S		MW-19S		MW-20S		MW-21S		MW-22S		MW-23S		MW-24S		MW-25S	
Diameter (in)	2		2		2		2		2		2		2		2		2		2	
Well Depth	54		20		13		13		15		20		16.5		32.25		30.75		15.25	
Screen Interval	44 - 54		10 - 20		3 - 13		3 - 13		5 - 15		5 - 20		6.5 - 16.5		22.25 - 32.25		20.75 - 30.75		5.25 - 15.25	
Well Head Stick-up	Flush to Grade		Flush to Grade		Flush to Grade		3.04		Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade	
T.O.C. Elevation	299.29		295.38		285.48		287.75		284.58		288.67		283.99		289.45		286.00		280.47	
Date	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**
11/7/2006	284.77	14.52	285.92	9.46	283.82	1.66	NM	0.68	280.80	3.78	284.86	3.81	280.69	3.30	273.87	15.58	272.80	13.20	271.48	8.99
8/24/2009	284.89	14.40	285.97	9.41	284.06	1.42	NM	1.24	282.02	2.56	285.36	3.31	280.82	3.17	273.66	15.79	272.52	13.48	271.19	9.28
2/22/2010	285.94	13.35	287.15	8.23	284.98	0.50	284.61	3.14	283.88	0.70	285.72	2.95	281.87	2.12	277.55	11.90	273.74	12.26	275.84	4.63
8/23/2010	285.15	14.14	286.26	9.12	284.58	0.90	284.03	3.72	282.98	1.60	285.38	3.29	280.69	3.30	274.20	15.25	272.79	13.21	271.62	8.85
2/21/2011	284.69	14.60	286.23	9.15	284.23	1.25	283.13	4.62	283.70	0.88	285.27	3.40	280.76	3.23	275.20	14.25	273.04	12.96	274.15	6.32
8/22/2011	284.27	15.02	-	NM	283.62	1.86	282.65	5.10	281.08	3.50	284.54	4.13	280.35	3.64	271.01	18.44	272.56	13.44	268.49	11.98
3/12/2012	285.36	13.93	286.48	8.90	284.28	1.20	283.31	4.44	283.54	1.04	285.49	3.18	280.78	3.21	275.59	13.86	273.20	12.80	275.13	5.34
5/9/2012	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM
8/20/2012	285.51	13.78	286.47	8.91	284.67	0.81	283.87	3.88	283.11	1.47	285.80	2.87	280.39	3.60	274.59	14.86	273.00	13.00	273.62	6.85
3/11/2013	285.73	13.56	286.75	8.63	284.46	1.02	283.48	4.27	283.48	1.10	285.67	3.00	280.61	3.38	276.47	12.98	273.28	12.72	275.80	4.67

Notes:
All Measurements = Feet (ft) unless otherwise indicated
in = Inches
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DTW = Depth To Water

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NA = Not Available

TABLE 2
GROUNDWATER ELEVATION SUMMARY
Former Farmers Favorite Fertilizer
Moultrie, Florida

Well No.	MW-26S		MW-27S-R		MW-28S		MW-29S		MW-30S		MW-31S		MW-32S-R		MW-32I		MW-33S		MW-34S	
Diameter (in)	2		2		2		2		2		2		2		2		2		2	
Well Depth	20		14		26		29		39		39.5		13		27		27		14.5	
Screen Interval	5 - 20		4 - 14		16 - 26		19 - 29		18.5 - 38.5		19.5 - 39.5		3 - 13		22 - 27		17 - 27		4.5 - 14.5	
Well Head Stick-up	Flush to Grade		2.95		Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade		2.91		2.79		Flush to Grade		Flush to Grade	
T.O.C. Elevation	286.60		292.13		301.26		299.96		302.44		297.52		296.56		296.39		280.45		284.66	
Date	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**
11/7/2006	275.95	10.65	285.45	6.68	-	NM	288.15	11.81	289.16	13.28	286.06	11.46	NI		NI		-	NM	280.84	3.82
8/24/2009	276.19	10.41	285.72	6.41	289.18	12.08	288.36	11.60	289.61	12.83	286.43	11.09	NI		NI		272.00	8.45	281.65	3.01
2/22/2010	278.34	8.26	288.98	3.15	-	NM	290.65	9.31	291.91	10.53	287.21	10.31	291.24	5.32	287.48	8.91	272.89	7.56	281.99	2.67
8/23/2010	276.79	9.81	286.29	5.84	289.73	11.53	288.88	11.08	290.19	12.25	286.44	11.08	291.39	5.17	286.80	9.59	272.18	8.27	281.85	2.81
2/21/2011	277.28	9.32	287.36	4.77	290.33	10.93	289.52	10.44	290.75	11.69	286.55	10.97	290.72	5.84	286.80	9.59	272.34	8.11	281.72	2.94
8/22/2011	275.50	11.10	284.85	7.28	288.45	12.81	287.62	12.34	288.88	13.56	285.66	11.86	290.41	6.15	286.01	10.38	Not Found		281.01	3.65
3/12/2012	277.57	9.03	287.74	4.39	291.15	10.11	290.26	9.70	291.63	10.81	286.52	11.00	291.13	5.43	286.96	9.43	272.50	7.95	281.85	2.81
5/9/2012	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM
8/20/2012	277.17	9.43	287.27	4.86	291.24	10.02	290.20	9.76	291.63	10.81	286.64	10.88	291.72	4.84	287.13	9.26	272.38	8.07	281.93	2.73
3/11/2013	278.05	8.55	288.05	4.08	291.23	10.03	290.35	9.61	291.71	10.73	286.88	10.64	291.36	5.20	287.21	9.18	272.52	7.93	281.87	2.79

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TABLE 2
GROUNDWATER ELEVATION SUMMARY
Former Farmers Favorite Fertilizer
Moultrie, Florida

Well No.	MW-34I		MW-35S		MW-36S		MW-37S		MW-38S		MW-39S		MW-40S		MW-41S		MW-42S		MW-43S	
Diameter (in)	2		2		2		2		2		2		2		2		2		2	
Well Depth	43		25		14		16		16		16		35		30		15		15	
Screen Interval	38 - 43		15 - 25		4 - 14		6 - 16		6 - 16		6 - 16		25 - 35		20 - 30		5 - 15		5 - 15	
Well Head Stick-up	2.95		Flush to Grade		2.58		2.57		3.11		2.70		Flush to Grade		Flush to Grade		Flush to Grade		3.09	
T.O.C. Elevation	287.49		300.51 (1)		293.18		292.56		292.92		293.35		298.42		290.39		289.97		288.34	
Date	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**
11/7/2006	NI		288.68	11.83	287.09	6.09	286.36	6.20	284.70	8.22	287.28	6.07	NI		NI		NI		NI	
8/24/2009	NI		288.86	11.65	287.18	6.00	286.69	5.87	285.22	7.70	287.29	6.06	NI		NI		NI		NI	
2/22/2010	283.65	3.84	291.12	9.39	288.75	4.43	289.24	3.32	289.62	3.30	288.15	5.20	290.21	8.21	287.28	3.11	287.56	2.41	284.50	3.84
8/23/2010	282.44	5.05	289.41	11.10	287.41	5.77	287.03	5.53	286.23	6.69	287.49	5.86	289.80	8.62	286.67	3.72	287.08	2.89	284.58	3.76
2/21/2011	282.73	4.76	290.00	10.51	287.78	5.40	287.75	4.81	287.37	5.55	287.46	5.89	289.57	8.85	286.63	3.76	286.57	3.40	284.03	4.31
8/22/2011	281.15	6.34	288.12	12.39	286.68	6.50	285.48	7.08	281.22	11.70	286.65	6.70	289.13	9.29	285.89	4.50	286.45	3.52	283.09	5.25
3/12/2012	282.98	4.51	291.07	9.44	287.97	5.21	288.27	4.29	288.26	4.66	287.65	5.70	290.05	8.37	286.59	3.80	287.37	2.60	283.67	4.67
5/9/2012	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM
8/20/2012	282.86	4.63	290.75	9.76	288.04	5.14	287.91	4.65	287.21	5.71	287.87	5.48	290.22	8.20	286.97	3.42	287.30	2.67	283.92	4.42
3/11/2013	283.34	4.15	290.86	9.65	288.13	5.05	288.64	3.92	288.88	4.04	287.85	5.50	290.20	8.22	287.06	3.33	287.46	2.51	283.65	4.69

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(1) MW-35S was resurveyed on 8/21/2012. Elevation has been corrected to 300.51 ft. All elevations have been recalculated for the period of record.

TABLE 2
GROUNDWATER ELEVATION SUMMARY
Former Farmers Favorite Fertilizer
Moultrie, Florida

Well No.	MW-44S		MW-45S		MW-46S		MW-47S		MW-48S		MW-49S		FFFW-1		FFFW-1-R		FFFW-2		FFFW-2-R	
Diameter (in)	2		2		2		2		2		2		2		2		2		2	
Well Depth	20		20		15		32		30		34		18		12		27		27	
Screen Interval	10 - 20		10 - 20		5 - 15		22 - 32		20 - 30		24 - 34				2 - 12				17 - 27	
Well Head Stick-up	3.09		2.76		Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade		2.86		Flush to Grade		2.38	
T.O.C. Elevation	290.44		287.47		282.48		293.11		302.38		293.19		284.96		286.36		288.59		292.05	
Date	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**
11/7/2006	NI				NI		NI						279.84	5.12			-	NM	274.69	17.36
8/24/2009	NI				NI		NI						280.02	4.94			-	NM	274.78	17.27
2/22/2010	282.94	7.50			278.73	3.75	275.67	17.44					-	NM			-	NM	275.63	16.42
8/23/2010	282.99	7.45			277.83	4.65	274.73	18.38					-	NM			-	NM	274.68	17.37
2/21/2011	282.78	7.66			278.15	4.33	274.97	18.14					-	NM			-	NM	274.92	17.13
8/22/2011	282.50	7.94	Installed 8/23/11		276.72	5.76	274.44	18.67					Abandoned		Installed 8/23/11		Abandoned		274.50	17.55
3/12/2012	283.08	7.36	278.10	9.37	278.49	3.99	275.12	17.99	Installed 03/23/12		Installed 03/23/12		Abandoned		280.39	5.97	Abandoned		275.05	17.00
5/9/2012	-	NM	-	NM	-	NM	-	NM	289.36	13.02	288.34	4.85	Abandoned		-	NM	Abandoned		-	NM
8/20/2012	283.32	7.12	278.02	9.45	278.07	4.41	274.91	18.20	291.73	10.65	289.29	3.90	Abandoned		280.01	6.35	Abandoned		274.88	17.17
3/11/2013	282.75	7.69	278.27	9.20	278.48	4.00	275.20	17.91	291.95	10.43	289.29	3.90	Abandoned		280.30	6.06	Abandoned		275.14	16.91

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TABLE 2
GROUNDWATER ELEVATION SUMMARY
Former Farmers Favorite Fertilizer
Moultrie, Florida

Well No.	FFFW-2I		FFFW-3		FFFW-3-R		FFFW-4		FFFW-4-R		MW-TP1S		MW-TP1I		MW-TP2S		MW-TP3S		MW-TP4S	
Diameter (in)	2		2		2		2		2		2		2		2		2		2	
Well Depth	50		11.3		14		32.1		14		20		48		20		20		25	
Screen Interval	45 - 50				4 - 14				4 - 14		10 - 20		43 - 48		10 - 20		10 - 20		15 - 25	
Well Head Stick-up	3.25		Flush to Grade		3.00		Flush to Grade		2.81		Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade	
T.O.C. Elevation	292.97		285.90		288.06		284.03		286.39		284.24		284.49		278.29		278.71		287.38	
Date	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**
11/7/2006	NI		278.87	7.03			275.22	8.81			272.50	11.74	273.15	11.34	270.72	7.57	270.67	8.04	272.76	14.62
8/24/2009	NI		277.67	8.23			275.50	8.53			272.26	11.98	272.94	11.55	270.21	8.08	270.06	8.65	272.49	14.89
2/22/2010	276.12	16.85	-	NM			-	NM			273.27	10.97	274.26	10.23	273.39	4.90	275.71	3.00	273.67	13.71
8/23/2010	275.09	17.88	-	NM			-	NM			272.46	11.78	273.24	11.25	271.14	7.15	271.04	7.67	272.74	14.64
2/21/2011	275.37	17.60	-	NM			-	NM			272.66	11.58	273.49	11.00	272.63	5.66	273.80	4.91	272.98	14.40
8/22/2011	274.65	18.32	Abandoned		Installed 8/23/11		Abandoned		Installed 8/22/11		272.35	11.89	272.76	11.73	269.36	8.93	268.15	10.56	272.53	14.85
3/12/2012	275.53	17.44	Abandoned		281.65	6.41	Abandoned		277.09	9.30	272.78	11.46	273.65	10.84	273.56	4.73	274.94	3.77	273.23	14.15
5/9/2012	-	NM	Abandoned		-	NM	Abandoned		-	NM	-	NM	-	NM	-	NM	-	NM	-	NM
8/20/2012	275.34	17.63	Abandoned		281.70	6.36	Abandoned		277.04	9.35	272.63	11.61	273.48	11.01	272.58	5.71	272.82	5.89	272.95	14.43
3/11/2013	275.67	17.30	Abandoned		281.57	6.49	Abandoned		277.43	8.96	272.82	11.42	273.80	10.69	273.52	4.77	275.66	3.05	273.21	14.17

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TABLE 2
GROUNDWATER ELEVATION SUMMARY
Former Farmers Favorite Fertilizer
Moultrie, Florida

Well No.	MW-TP5S		MW-TP5I	
Diameter (in)	2		2	
Well Depth	25		50	
Screen Interval	15 - 25		45 - 50	
Well Head Stick-up	Flush to Grade		3.06	
T.O.C. Elevation	288.33		291.52	
Date	**Elev.**	**DTW**	**Elev.**	**DTW**
11/7/2006	276.63	11.70	NI	
8/24/2009	276.76	11.57	NI	
2/22/2010	279.31	9.02	276.34	15.18
8/23/2010	277.03	11.30	275.41	16.11
2/21/2011	277.81	10.52	275.72	15.80
8/22/2011	276.58	11.75	274.92	16.60
3/12/2012	278.09	10.24	275.90	15.62
5/9/2012	-	NM	-	NM
8/20/2012	278.10	10.23	275.69	15.83
3/11/2013	278.63	9.70	276.03	15.49

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TABLE 3
SUMMARY OF SITE FIELD PARAMETER MEASUREMENTS
Former Farmers Favorite Fertilizer Facility
Moultrie, Georgia

Location	Date	pH (SUs)	Temperature (°C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (ORP) (mV)	Turbidity (NTUs)
MW-1S-R	1/26/1999	4.53	NM	2620	NM	NM	26
	5/9/2000	3.58	NM	2330	NM	NM	4.87
	11/13/2001	3.44	NM	1579	NM	NM	81.3
	12/22/2002	3.98	NM	1099	NM	NM	198
	6/18/2003	4.27	NM	1673	NM	NM	550
	8/27/2009	5.92	25.78	803	0.43	64	57
	8/31/2010	6.17	28.48	550	0.99	80	5.1
	3/2/2011	6.58	14.81	455	4.26	89	16.3
	8/25/2011	6.70	34.50	830	0.70	-14.5	1.40
	3/14/2012	6.57	19.07	476	4.30	28.5	18.1
	8/23/2012	6.28	26.88	526	0.40	26.8	10.7
	3/12/2013	6.41	16.18	356	4.22	101.0	13.3
MW-1I-R	1/26/1999	5.31	NM	277	NM	NM	19.3
	5/9/2000	5.38	NM	144.5	NM	NM	2.27
	11/13/2001	4.87	NM	148	NM	NM	1.81
	12/23/2002	4.74	NM	127.3	NM	NM	0.47
	6/18/2003	5.28	NM	199.9	NM	NM	1.2
	8/27/2009	4.21	22.35	154	0.08	90	1
	8/31/2010	4.96	26.08	143	0.62	169	0.3
	3/2/2011	4.64	17.77	162	0.79	306	1.4
	8/25/2011	4.84	25.38	148	3.54	87.0	0.22
	3/13/2012	4.49	21.54	155	0.28	71.0	0.34
	8/23/2012	4.45	23.00	151	0.12	309.9	0.18
	3/12/2013	4.55	20.67	147	0.50	180.7	0.26
MW-2S	1/26/1999	3.82	NM	1150	NM	NM	15
	5/8/2000	3.76	NM	879	NM	NM	3.9
	11/12/2001	3.5	NM	892	NM	NM	310
	12/23/2002	3.9	NM	865	NM	NM	0.02
	6/18/2003	3.74	NM	884	NM	NM	2.9
	8/28/2009	3.49	22.85	784	2.98	251	1.9
	8/31/2010	3.77	24.13	615	3.22	278	1.3
	3/1/2011	3.91	15.73	722	7.02	466	1.1
	8/25/2011	4.19	26.29	524	3.04	162.1	8.20
	3/13/2012	3.86	17.94	750	3.88	426.7	0.78
	8/23/2012	3.64	23.36	632	2.18	451.2	0.23
	3/12/2013	3.90	16.08	644	5.86	136.1	0.58
MW-2I	1/26/1999	5.28	NM	166	NM	NM	5.7
	5/8/2000	4.75	NM	125.8	NM	NM	2.46
	11/12/2001	4.48	NM	177.4	NM	NM	1.55
	12/23/2002	4.85	NM	108	NM	NM	1.19
	6/18/2003	3.74	NM	884	NM	NM	2.9
	8/28/2009	4.05	21.08	142	0.61	141	1
	8/31/2010	4.63	32.32	130	0.55	201	0.2
	3/1/2011	4.71	18.98	139	1.02	377	1.6
	8/25/2011	4.89	20.83	124	0.83	110.2	4.75
	3/13/2012	4.52	19.90	121	0.22	297.5	1.00
	8/23/2012	4.29	20.27	137	0.30	154.8	0.99
	3/12/2013	4.56	19.56	131	0.50	80.9	1.81
MW-3S	1/26/1999	3.61	NM	4100	NM	NM	3.3
	5/8/2000	3.21	NM	5140	NM	NM	1.49
	11/13/2001	3.11	NM	6470	NM	NM	9.9
	12/23/2002	3.15	NM	5784	NM	NM	17
	6/18/2003	3.19	NM	5040	NM	NM	4
	8/28/2009	3.16	23.39	5447	0.18	454	1.0
	8/31/2010	3.55	25.55	5340	1.59	464	3.3
	3/2/2011	3.35	19.81	5413	0.93	432	3.3
	8/25/2011	3.23	25.47	3809	0.53	459.1	0.53
	3/14/2012	3.37	21.81	4514	0.66	443.7	2.86
	8/22/2012	2.98	24.98	5124	0.95	437.0	3.25
	3/15/2013	3.15	19.32	5046	0.28	308.7	0.91

TABLE 3
SUMMARY OF SITE FIELD PARAMETER MEASUREMENTS
Former Farmers Favorite Fertilizer Facility
Moultrie, Georgia

Location	Date	pH (SUs)	Temperature (°C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (ORP) (mV)	Turbidity (NTUs)
MW-3I	1/26/1999	4.99	NM	261	NM	NM	177
	5/8/2000	4.85	NM	160.9	NM	NM	3.87
	11/13/2001	4.36	NM	176	NM	NM	1.06
	12/23/2002	4.72	NM	139.1	NM	NM	0.23
	6/18/2003	4.65	NM	187	NM	NM	3.2
	8/28/2009	4.37	22.85	180	0.22	86	24.7
	8/31/2010	4.98	24.07	160	0.50	174	0.8
	3/2/2011	4.77	18.43	168	1.03	283	32.1
	8/25/2011	4.74	22.66	167	0.51	285.0	1.12
	3/14/2012	4.55	22.54	232	0.15	186.9	1.27
	8/22/2012	4.54	23.03	190	0.08	247.2	3.77
	3/15/2013	4.71	21.12	219	0.17	87.7	1.12
MW-4S	1/26/1999	6.43	NM	7700	NM	NM	14.9
	5/9/2000	4.38	NM	817	NM	NM	4.62
	11/14/2001	4.14	NM	675	NM	NM	1.42
	12/22/2002	5.29	NM	859	NM	NM	12
	6/19/2003	4.69	NM	2720	NM	NM	1
	8/28/2009	4.59	27.98	7891	0.88	161	21.8
	8/25/2010	5.27	29.83	3603	2.18	201	8.5
	2/23/2011	6.04	18.29	4489	2.26	188	2.9
	8/30/2011	5.88	31.33	8186	0.49	147.6	1.62
	3/15/2012	5.40	22.22	4483	0.15	86.9	2.13
	8/25/2012	6.00	29.98	15669	0.20	242.4	1.75
	3/14/2013	6.30	19.04	10880	0.44	208.7	4.39
MW-5S-R	1/26/1999	5.78	NM	283	NM	NM	28
	5/9/2000	5.95	NM	561	NM	NM	0.81
	11/13/2001	4.98	NM	186	NM	NM	33
	12/22/2002	5.57	NM	587	NM	NM	1.32
	6/18/2003	5.19	NM	511	NM	NM	3.8
	8/27/2009	4.01	26.05	2367	0.12	198	15.7
	8/31/2010	5.82	27.49	1368	0.99	-60	94.6
	3/1/2011	6.11	15.49	968	2.00	23	113.0
	8/29/2011	4.09	29.65	2497	0.14	277.9	2.91
	3/14/2012	5.52	19.69	1018	0.78	-1.6	121
	8/22/2012	6.20	26.35	990	0.44	5.5	48.4
	3/13/2013	6.34	17.14	874	0.90	17.2	31.6
MW-6S-R	1/26/1999	2.83	NM	4800	NM	NM	4
	5/8/2000	3.06	NM	5000	NM	NM	1.16
	11/13/2001	3.28	NM	7360	NM	NM	1.62
	12/22/2002	3.22	NM	6899	NM	NM	10
	6/18/2003	3.82	NM	5950	NM	NM	1
	8/26/2009	3.30	25.95	7905	0.12	273	8.7
	8/31/2010	3.45	26.26	7586	1.12	285	0.6
	3/1/2011	3.38	16.54	4577	0.78	329	1.9
	8/25/2011	3.48	30.20	6452	1.15	298.1	0.58
	3/13/2012	3.22	18.69	4306	0.17	357.0	0.49
	8/22/2012	3.12	26.43	7204	0.64	246.1	1.39
	3/12/2013	3.51	16.42	2845	0.62	318.1	0.87
MW-6I	5/9/2000	5.22	NM	363	NM	NM	1.34
	11/13/2001	4.46	NM	244	NM	NM	0.78
	6/18/2003	4.4	NM	336	NM	NM	3.8
	8/27/2009	4.30	22.88	245	0.09	115	6.0
	8/31/2010	5.14	24.01	194	0.47	169	0.9
	3/2/2011	4.91	21.05	203	0.28	220	4.7
	8/25/2011	5.00	23.69	201	4.91	119.9	2.53
	3/14/2012	4.76	22.49	225	0.09	267.7	0.86
	8/23/2012	4.47	23.61	217	0.12	299.9	1.40
	3/13/2013	4.75	21.89	207	0.20	156.6	0.83

TABLE 3
SUMMARY OF SITE FIELD PARAMETER MEASUREMENTS
Former Farmers Favorite Fertilizer Facility
Moultrie, Georgia

Location	Date	pH (SUs)	Temperature (°C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (ORP) (mV)	Turbidity (NTUs)
MW-7S-R	1/26/1999	3.97	NM	5040	NM	NM	27
	5/9/2000	4	NM	3570	NM	NM	4.62
	11/12/2001	4.11	NM	3100	NM	NM	4.14
	12/23/2002	5.32	NM	1721	NM	NM	2.13
	6/18/2003	5.01	NM	3000	NM	NM	2.9
	9/1/2009	2.98	26.10	3124	0.58	448	3.0
	9/1/2010	3.01	26.08	2708	1.65	411	130.0
	3/1/2011	3.87	16.07	2259	2.87	368	19.8
	8/29/2011	3.04	27.00	3592	1.34	368.3	51.2
	3/13/2012	3.82	20.82	2177	0.78	296.6	18.2
	8/22/2012	3.19	26.47	2396	0.29	388.5	38.5
	3/12/2013	3.20	16.45	2618	0.81	366.4	26.8
MW-7I	5/8/2000	10	NM	596	NM	NM	2.46
	11/13/2001	4.72	NM	475	NM	NM	4.8
	12/22/2002	4.63	NM	735	NM	NM	2.6
	6/19/2003	4.48	NM	798	NM	NM	2.1
	8/26/2009	4.00	21.65	1041	0.10	114	1.8
	8/25/2010	10.70	23.75	442	2.70	109	1.3
	2/23/2011	4.04	20.74	1051	0.47	202	8.5
	8/23/2011	4.35	22.60	871	0.49	146.2	1.25
	3/14/2012	3.97	20.86	901	0.18	366.0	0.65
	8/23/2012	3.94	21.67	769	0.47	245.5	1.89
	3/12/2013	3.92	20.56	978	0.41	234.6	2.22
MW-8S	1/26/1999	3.58	NM	1510	NM	NM	90
	5/9/2000	3.61	NM	1219	NM	NM	4.64
	11/13/2001	3.49	NM	1232	NM	NM	115
	12/23/2002	3.47	NM	1572	NM	NM	208
	6/18/2003	3.49	NM	1715	NM	NM	4.89
MW-8I	8/31/2010	4.46	23.65	248	1.48	135	0.4
	3/1/2011	4.46	19.89	203	0.49	361	7.8
	8/25/2011	4.51	22.91	169	0.74	141.3	0.64
	3/13/2012	4.26	21.02	184	0.28	324.2	1.51
	8/22/2012	4.17	23.34	301	0.21	103.5	1.02
	3/12/2013	4.15	20.02	275	0.62	89.3	0.68
MW-9S-R	1/26/1999	5.61	NM	3280	NM	NM	4.2
	5/9/2000	5.71	NM	266	NM	NM	4.86
	11/12/2001	4.33	NM	231	NM	NM	4.75
	12/23/2002	4.93	NM	186.6	NM	NM	1.02
	6/18/2003	5.07	NM	247	NM	NM	2.1
	8/26/2009	4.35	22.81	1331	0.13	124	1.2
	9/1/2010	4.32	22.51	1233	0.93	366	1.5
	3/1/2011	4.45	17.92	1274	0.38	246	1.6
	8/29/2011	4.53	25.37	1337	0.19	256.5	0.10
	3/13/2012	4.53	18.83	1089	0.17	252.7	0.55
	8/22/2012	4.14	21.84	1177	0.23	157.3	1.71
	3/12/2013	4.52	18.40	1165	0.32	162.1	1.23
MW-10S-R	1/26/1999	4.97	NM	1290	NM	NM	7.8
	5/9/2000	5.29	NM	171.4	NM	NM	3.92
	11/13/2001	5.58	NM	192	NM	NM	5.5
	12/22/2002	6.11	NM	640	NM	NM	1.26
	6/18/2003	5.95	NM	583	NM	NM	0.2
	8/27/2009	5.02	23.99	213	0.38	73	2.0
	8/31/2010	5.63	25.13	214	1.00	-16	2.6
	3/1/2011	6.04	14.94	214	0.89	100	1.7
	8/25/2011	4.91	26.31	164	0.34	181.2	0.51
	3/14/2012	6.00	18.72	293	0.18	64.2	7.46
	8/22/2012	5.29	24.82	195	0.10	180.7	3.51
	3/13/2013	5.33	16.76	180	0.51	105.2	4.57

TABLE 3
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Former Farmers Favorite Fertilizer Facility
Moultrie, Georgia

Location	Date	pH (SUs)	Temperature (°C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (ORP) (mV)	Turbidity (NTUs)
MW-10I	8/27/2009	5.69	22.37	114	0.33	-31	4.8
	8/31/2010	6.11	23.57	105	0.27	-121	0.7
	3/1/2011	6.02	17.88	86	0.77	-29	4.0
	8/25/2011	6.00	24.48	91	3.68	79.1	3.00
	3/14/2012	5.72	20.73	82	0.67	55.9	1.64
	8/22/2012	5.66	23.25	96	0.31	67.6	6.88
	3/13/2013	5.68	19.49	80	0.87	79.7	2.17
MW-11S	3/4/1999	6.82	NM	829	NM	NM	61.1
	5/9/2000	7.29	NM	594	NM	NM	2.79
	11/13/2001	6.66	NM	452	NM	NM	595
	12/23/2002	7.17	NM	520	NM	NM	13.9
	6/18/2003	7.11	NM	557	NM	NM	30
	8/27/2009	6.13	23.30	1338	0.60	-30	75.0
	8/31/2010	6.75	24.11	1135	2.26	-99	197.0
	3/1/2011	6.75	14.51	1206	7.22	-80	34.1
	8/24/2011	6.58	23.55	1133	0.48	78.7	55.1
	3/13/2012	6.61	20.35	1457	0.75	-26.5	1.78
	8/22/2012	6.61	23.65	1774	0.93	-71.5	55.4
	3/13/2013	6.56	16.15	1466	0.34	5.2	1.82
MW-12S	5/9/2000	3.69	NM	10110	NM	NM	3.69
	11/13/2001	3.34	NM	6550	NM	NM	62.5
	12/22/2002	3.53	NM	4710	NM	NM	10.53
	6/19/2003	3.57	NM	5200	NM	NM	25.1
	8/25/2009	3.40	23.22	8086	0.13	200	15.8
	8/25/2010	3.08	23.07	2478	0.39	496	4.3
	2/23/2011	3.50	22.47	7482	0.69	307	1.2
	8/26/2011	3.54	23.88	8770	0.22	283.0	0.07
	3/15/2012	3.39	23.30	8932	0.09	381.5	1.38
	8/23/2012	3.33	22.80	8684	0.15	383.0	2.67
	3/13/2013	3.27	20.95	7951	0.25	291.7	0.86
MW-12I	3/4/1999	4.98	NM	359	NM	NM	27.8
	5/9/2000	4.75	NM	312	NM	NM	2.41
	11/13/2001	4.71	NM	207	NM	NM	1.9
	12/22/2002	4.5	NM	302	NM	NM	1.61
	6/19/2003	4.69	NM	289	NM	NM	1.09
	8/25/2009	4.05	24.11	431	0.22	112	1.1
	8/25/2010	4.11	24.27	417	0.90	394	13.6
	2/23/2011	4.38	22.36	396	0.60	165	5.5
	8/26/2011	3.83	22.33	362	1.25	220.3	1.49
	3/15/2012	4.34	22.65	387	0.19	268.9	2.10
	8/23/2012	4.15	22.44	375	0.18	232.2	1.75
	3/13/2013	4.20	21.34	382	0.22	185.5	0.91
MW-13S-R	5/9/2000	7.19	NM	2410	NM	NM	3.88
	11/13/2001	6.74	NM	1053	NM	NM	20.5
	12/22/2002	6.73	NM	774	NM	NM	4.29
	6/18/2003	6.46	NM	624	NM	NM	4
	8/26/2009	5.84	22.09	588	0.12	108	5.4
	9/1/2010	6.03	22.60	484	0.21	48	1.0
	3/1/2011	5.84	18.62	418	0.35	100	2.4
	8/29/2011	5.62	25.14	453	0.10	146.1	0.83
	3/13/2012	5.87	20.37	537	0.13	143.9	0.50
	8/22/2012	5.69	21.78	593	0.08	159.6	14.3
	3/13/2013	5.99	17.30	566	0.34	110.6	0.95
MW-13I	6/20/2003	11.01	NM	522	NM	NM	4
	8/25/2009	8.38	25.06	109	5.58	58	1.3
	8/24/2010	7.71	29.40	85	6.39	127	0.6
	2/22/2011	8.16	23.64	86	6.28	98	1.3
	8/23/2011	7.91	26.57	85	4.84	39.4	0.47
	3/14/2012	7.46	23.59	91	4.30	23.5	1.53
	8/23/2012	8.16	23.76	87	5.16	158.5	2.18
	3/13/2013	7.41	22.05	89	5.83	13.5	2.06

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Former Farmers Favorite Fertilizer Facility
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Location	Date	pH (SUs)	Temperature (°C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (ORP) (mV)	Turbidity (NTUs)
MW-14S	5/9/2000	5.25	NM	991	NM	NM	2.19
	11/13/2001	4.27	NM	824	NM	NM	6.8
	12/22/2002	5.32	NM	623	NM	NM	3.15
	6/18/2003	4.88	NM	579	NM	NM	0.6
MW-15S	5/8/2000	4	NM	749	NM	NM	1.34
	11/13/2001	3.69	NM	790	NM	NM	186
	12/22/2002	3.84	NM	1102	NM	NM	6.79
	6/19/2003	3.87	NM	1234	NM	NM	2.9
	8/25/2009	3.64	21.53	1466	0.10	358	1.1
	8/25/2010	3.65	22.74	1331	1.25	355	0.4
	2/23/2011	3.67	19.59	1520	0.26	382	0.5
	8/24/2011	3.89	22.64	1338	0.13	297.8	0.05
	3/14/2012	3.66	20.15	1595	0.06	283.9	0.28
	8/23/2012	3.57	21.87	1608	0.34	322.7	0.73
	3/13/2013	3.55	19.44	1569	0.22	284.0	0.32
MW-16S	8/7/2000	4.13	NM	1092	NM	NM	1.53
	11/13/2001	3.47	NM	3080	NM	NM	1.3
	12/22/2002	3.88	NM	1374	NM	NM	0.41
	6/20/2003	3.74	NM	2150	NM	NM	0.27
MW-17S	8/8/2000	4.47	NM	OR	NM	NM	4.5
	11/13/2001	5.05	NM	OR	NM	NM	2.66
	12/22/2002	5.07	NM	86373	NM	NM	12.7
	6/19/2003	5.33	NM	OR	NM	NM	2.9
MW-18S	8/8/2000	4.28	NM	285	NM	NM	2.01
	11/14/2001	4.21	NM	300	NM	NM	2.9
	12/22/2002	4.5	NM	273	NM	NM	2.69
	6/19/2003	4.57	NM	400	NM	NM	1.9
	8/31/2009	4.56	23.45	418	0.30	-42	1.5
	8/26/2010	4.59	23.17	537	0.36	203	2.1
	2/24/2011	4.91	16.05	703	0.59	235	1.4
	8/29/2011	5.45	24.42	503	0.12	44.2	0.45
	3/16/2012	4.85	19.19	762	0.08	77.2	0.54
	8/23/2012	5.01	22.98	456	0.30	107.9	1.80
	3/14/2013	4.70	18.38	653	0.20	129.8	0.36
MW-19S	8/8/2000	4.25	NM	13960	NM	NM	4.27
	11/13/2001	3.55	NM	11730	NM	NM	108
	12/22/2002	3.99	NM	9494	NM	NM	2.72
	6/19/2003	4.35	NM	9280	NM	NM	4.6
	8/31/2009	5.56	24.14	4958	0.94	85	0.9
	8/25/2010	4.71	25.22	4942	1.68	213	8.2
	2/23/2011	5.10	16.10	4567	2.11	210	6.3
	8/30/2011	4.92	25.42	4271	0.31	178.7	0.35
	3/15/2012	5.15	18.73	1912	0.30	171.8	0.88
	8/25/2012	4.93	25.28	2839	1.10	198.1	5.46
	3/14/2013	4.97	16.73	2398	0.23	106.1	0.55
MW-20S	8/8/2000	6.09	NM	205	NM	NM	12
	11/13/2001	5.44	NM	198.2	NM	NM	59.8
	12/21/2002	5.56	NM	174.1	NM	NM	14.6
	6/19/2003	6.28	NM	297	NM	NM	89
	8/28/2009	6.21	26.50	352	0.24	-17.7	0.2
	8/25/2010	6.41	27.66	288	0.89	-52	33.7
	2/23/2011	6.48	15.69	331	3.47	-79	1.9
	8/30/2011	6.40	27.47	345	0.13	-107.2	2.34
	3/15/2012	6.54	18.18	285	0.06	-33.0	1.15
	8/25/2012	6.38	25.43	290	0.15	-67.2	2.65
	3/14/2013	6.29	15.24	347	0.23	2.2	0.70

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Location	Date	pH (SUs)	Temperature (°C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (ORP) (mV)	Turbidity (NTUs)
MW-21S	12/23/2002	6.16	NM	4937	NM	NM	68.4
	6/20/2003	5.86	NM	5410	NM	NM	600
	8/28/2009	5.89	22.49	6055	0.26	134	60.4
	8/24/2010	5.46	24.04	4892	1.31	175	8.4
	2/23/2011	6.39	19.52	4748	0.40	195	4.8
	8/26/2011	6.65	29.07	4228	0.29	145.6	1.05
	3/16/2012	6.46	22.36	4448	2.65	109.2	1.31
	8/21/2012	6.38	22.18	4309	0.48	206.2	2.67
	3/18/2013	6.33	20.07	3965	0.51	159.3	6.31
MW-22S	12/22/2002	5.23	NM	693	NM	NM	1.53
	6/20/2003	5.09	NM	182	NM	NM	0
	8/31/2009	5.06	22.71	289	0.19	-58	9.5
	8/26/2010	5.71	24.84	376	0.32	34	1.7
	2/24/2011	6.47	16.81	750	0.47	-2	4.5
	8/30/2011	6.18	28.34	678	0.39	34.7	1.15
	3/16/2012	6.55	19.80	856	0.80	121.6	2.44
	8/24/2012	5.53	25.77	292	0.28	72.9	2.77
	3/19/2013	6.27	18.01	475	0.40	41.4	1.42
MW-23S	12/23/2002	4.8	NM	194	NM	NM	4.7
	6/20/2003	4.98	NM	130	NM	NM	4
	8/31/2009	4.49	22.50	175	2.22	188	1.2
	8/26/2010	4.51	25.91	150	2.10	305	0.8
	2/24/2011	4.89	22.01	180	6.45	272	1.5
	8/31/2011	4.59	23.76	153	2.29	160.2	0.40
	3/16/2012	5.27	23.87	179	2.79	143.0	3.42
	8/26/2012	4.75	22.82	197	3.15	264.0	0.45
	3/19/2013	4.77	21.42	152	2.51	204.4	0.48
MW-24S	12/21/2002	4.82	NM	94	NM	NM	4.07
	6/19/2003	4.73	NM	98.2	NM	NM	0.68
	9/1/2009	4.09	22.51	83	4.70	224	0.7
	8/27/2010	4.49	23.40	78	4.84	361	3.2
	2/28/2011	4.74	22.78	84	5.61	57	1.9
	8/26/2011	4.87	28.00	86	3.66	135.7	0.13
	3/19/2012	4.66	23.42	85	4.06	259.7	0.75
	8/25/2012	4.15	22.51	88	4.20	147.8	0.92
	3/19/2013	4.76	22.27	93	4.43	209.5	1.85
MW-25S	12/21/2002	4.69	NM	691	NM	NM	2.32
	6/19/2003	4.93	NM	175	NM	NM	3.4
	9/1/2009	4.92	25.28	156	0.92	-27	11.2
	8/25/2010	4.62	25.42	128	2.94	186	7.0
	2/28/2011	5.76	19.92	174	1.78	-29	5.5
	8/31/2011	5.97	27.52	245	0.15	-3.9	2.92
	3/16/2012	5.37	21.83	440	0.23	60.8	2.00
	8/24/2012	5.35	25.75	205	1.03	81.3	1.91
	3/20/2013	4.81	18.58	861	2.51	116.6	0.83
MW-26S	12/21/2002	4.82	NM	123.4	NM	NM	4.63
	6/19/2003	4.69	NM	124	NM	NM	3.1
	8/28/2009	3.88	25.12	99	1.69	124	7.7
	8/25/2010	4.12	24.54	92	3.25	321	6.3
	2/28/2011	4.63	21.83	101	3.43	113	1.5
	8/30/2011	4.42	24.80	87	0.71	104.1	0.31
	3/15/2012	5.14	22.56	120	2.12	79.1	0.12
	8/25/2012	4.27	24.35	113	1.52	198.1	0.29
	3/14/2013	5.11	21.40	145	2.68	85.7	0.39
MW-27S-R	12/22/2002	6.37	NM	133.4	NM	NM	4.7
	6/18/2003	5.27	NM	133.6	NM	NM	4.5
	8/26/2009	5.99	23.70	518	0.25	-15	3.6
	9/1/2010	6.43	25.94	749	0.25	-97.5	5.2
	3/1/2011	6.26	17.11	1214	1.62	-45	5.1
	8/29/2011	6.19	27.01	749	0.21	-25.2	1.24
	3/13/2012	6.08	18.18	996	0.12	-13.3	3.87
	8/22/2012	6.11	25.18	1155	0.19	-50.3	3.92
	3/13/2013	6.37	15.98	735	0.34	-71.8	2.39

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Moultrie, Georgia

Location	Date	pH (SUs)	Temperature (°C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (ORP) (mV)	Turbidity (NTUs)
MW-28S	12/22/2002	4.32	NM	1588	NM	NM	2.45
	6/20/2003	4.06	NM	2400	NM	NM	0.92
	8/25/2009	5.77	26.85	1076	0.28	98	5.6
	8/24/2010	4.18	26.21	1647	0.50	246	2.1
	2/22/2011	4.43	22.72	1762	0.40	194	2.1
	8/23/2011	5.00	28.74	1630	0.50	72.4	4.45
	3/14/2012	4.69	25.58	1606	0.06	65.8	3.95
	8/21/2012	4.64	27.45	1721	0.07	109.3	3.69
	3/14/2013	5.16	24.04	1293	0.15	90.7	38.7
MW-29S	6/20/2003	4.06	NM	2550	NM	NM	0
	8/25/2009	3.63	25.65	2366	0.43	158	0.4
	8/24/2010	3.30	26.53	2264	0.45	357	0.6
	2/22/2011	3.65	21.30	2470	0.45	378	0.2
	8/24/2011	3.75	23.08	2155	5.06	164.4	0.18
	3/14/2012	3.71	22.16	2309	0.18	382.0	0.47
	8/21/2012	3.54	22.71	2109	0.29	164.9	0.29
	3/14/2013	3.64	20.86	1723	0.18	137.5	0.45
MW-30S	6/20/2003	5.46	NM	550	NM	NM	14.5
	8/25/2009	3.90	23.29	662	1.13	112	2.4
	8/24/2010	3.70	23.88	613	1.50	268	1.1
	2/22/2011	4.23	22.63	614	1.80	199	0.2
	8/23/2011	4.36	25.87	457	1.17	107.7	0.18
	3/14/2012	4.08	22.03	570	1.20	216.4	0.14
	8/21/2012	4.02	23.59	527	1.19	124.0	2.80
	3/15/2013	4.14	22.05	535	1.43	254.0	0.33
MW-31S	6/20/2003	5.38	NM	150	NM	NM	>1000
	8/25/2009	4.63	29.01	151	3.16	121	116.0
	8/24/2010	5.21	28.87	79	7.09	170	>1000
	2/22/2011	5.13	24.58	85	6.50	224	577
	8/24/2011	4.83	26.68	74	5.52	133.8	95.5
	3/15/2012	4.82	25.00	108	4.49	246.4	21.0
	8/24/2012	4.71	26.16	112	5.85	251.0	7.92
	3/20/2013	4.74	21.70	73	5.81	195.6	89.4
MW-32S-R	6/20/2003	3.75	NM	8370	NM	NM	0.66
	8/24/2010	4.34	29.93	6539	1.40	189	1.2
	2/23/2011	5.37	19.10	9306	0.29	231	1.3
	8/26/2011	5.23	31.47	9700	0.21	227.0	1.52
	3/20/2012	4.12	21.59	7867	0.37	237.4	2.97
	8/21/2012	4.84	26.62	7377	0.28	202.7	9.8
	3/18/2013	5.39	19.96	6297	0.59	189.5	2.61
MW-32-I	8/24/2010	4.06	28.92	3238	0.96	211	95.4
	2/22/2011	4.39	23.79	3581	0.68	259	8.3
	8/26/2011	4.38	27.79	3466	0.30	203.9	4.72
	3/20/2012	3.81	23.51	2810	0.28	404.4	0.62
	8/21/2012	3.63	23.87	2979	0.07	198.5	2.28
	3/18/2013	3.65	22.93	2905	0.17	162.6	1.26
MW-33S	6/19/2003	6.38	NM	200	NM	NM	3
	9/1/2009	5.10	21.54	50	5.88	164	9.8
	8/30/2010	5.06	22.62	55	4.42	171	3.9
	2/28/2011	5.28	20.61	95	6.66	62	8.8
	3/16/2012	4.57	19.98	258	4.31	134.8	0.98
	8/24/2012	4.70	21.35	70	6.13	109.6	1.25
	3/20/2013	5.07	19.47	125	5.07	111.4	1.25
MW-34S	6/19/2003	6.01	NM	>9000	NM	NM	0
	8/31/2009	5.82	26.35	44634	2.36	176	4.8
	8/25/2010	6.51	27.37	36335	7.69	201	1.4
	2/23/2011	5.60	16.33	26898	0.62	226	3.6
	8/31/2011	4.21	25.97	33619	0.45	205.9	3.63
	3/15/2012	3.63	18.78	19762	0.34	256.8	0.92
	8/25/2012	5.08	27.12	32944	0.12	224	2.36
	3/14/2013	5.82	16.80	24572	0.31	222.7	0.58

TABLE 3
SUMMARY OF SITE FIELD PARAMETER MEASUREMENTS
Former Farmers Favorite Fertilizer Facility
Moultrie, Georgia

Location	Date	pH (SUs)	Temperature (°C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (ORP) (mV)	Turbidity (NTUs)
MW-34I	8/25/2010	6.26	28.50	91	4.24	105	27.4
	2/23/2011	6.14	20.41	107	4.49	196	106
	8/30/2011	6.04	25.22	99	1.06	75.1	34.0
	3/15/2012	6.25	21.58	91	2.38	85.2	130
	8/25/2012	5.97	23.89	84	3.86	99.7	280
	3/14/2013	5.93	20.05	83	3.60	62.1	360
MW-35S	8/25/2009	3.91	26.47	779	0.53	102	6.6
	8/24/2010	3.68	27.21	666	0.62	278	2.3
	2/22/2011	4.06	25.07	701	0.71	186	0.9
	8/23/2011	4.16	28.99	587	0.28	104.1	0.33
	3/14/2012	4.01	25.79	611	0.23	404.9	1.10
	8/21/2012	3.84	27.41	577	0.13	128.6	0.44
	3/13/2013	3.91	23.89	651	0.39	278.6	0.53
MW-36S	8/26/2009	3.66	23.44	1239	0.16	311	2.9
	9/1/2010	3.78	24.21	1287	0.20	438	5.6
	3/1/2011	4.55	17.60	824	1.91	155	2.4
	8/29/2011	3.80	26.77	1470	0.15	384.1	0.11
	3/13/2012	6.35	19.47	345	2.51	54.3	0.65
	8/22/2012	4.02	23.41	880	0.21	-149	5.04
	3/12/2013	5.68	17.73	441	0.50	114.7	9.28
MW-37S	8/26/2009	6.70	22.14	959	0.08	-103	3.6
	9/1/2010	6.76	22.64	922	0.44	-126	3.3
	3/1/2011	6.82	18.33	963	0.31	-120	8.0
	8/29/2011	6.74	26.68	1033	0.08	-112.6	0.90
	3/13/2012	6.82	19.52	868	0.06	-113.3	1.09
	8/22/2012	6.75	23.30	964	0.05	-110.9	6.36
	3/13/2013	6.81	18.08	862	0.31	-115.9	1.82
MW-38S	8/26/2009	5.37	23.35	164	0.41	82	1.7
	9/1/2010	5.73	24.23	178	1.49	105	0.4
	3/1/2011	5.92	15.06	165	2.13	36	3.6
	8/24/2011	4.86	25.79	106	0.75	103.8	0.05
	3/14/2012	6.11	18.90	320	0.07	-94.9	0.75
	8/22/2012	5.85	24.03	215	0.31	5.8	3.07
	3/13/2013	6.26	16.34	274	0.16	20.8	2.82
MW-39S	8/27/2009	4.41	23.90	302	0.09	116	2.5
	8/31/2010	4.54	24.55	3	0.50	208	0.4
	3/2/2011	4.55	19.67	368	0.25	261	2.0
	8/25/2011	4.25	29.32	408	0.16	234.0	0.09
	3/14/2012	4.32	21.34	592	0.10	220.8	0.68
	8/23/2012	4.28	24.56	573	0.30	263.5	2.67
	3/13/2013	4.32	20.46	503	0.33	184.0	0.82
MW-40S	8/24/2010	5.30	28.21	102	3.27	134	10.3
	2/22/2011	5.60	25.31	84	2.96	192	9.1
	8/29/2011	5.22	28.89	78	0.77	161.2	19.9
	3/15/2012	5.39	26.41	67	1.90	136.0	8.9
	8/23/2012	5.23	25.51	58	2.08	222.6	8.82
	3/15/2013	5.27	24.14	48	2.57	222.7	9.89
MW-41S	8/24/2010	3.51	24.88	2833	0.28	347	0.9
	2/23/2011	3.71	21.41	3148	0.90	260	0.5
	8/29/2011	3.61	27.53	2578	0.07	268.8	0.21
	3/15/2012	3.70	23.73	2835	0.04	331.7	0.58
	8/23/2012	3.72	24.91	2413	0.06	301.7	0.26
	3/18/2013	3.60	23.85	2625	0.21	172.5	0.38
MW-42S	8/26/2010	5.62	23.50	5380	0.39	43	29.6
	2/24/2011	5.94	15.81	6602	0.24	221	18.1
	8/30/2011	5.91	24.46	4764	0.09	166.4	109.8
	3/16/2012	5.58	19.43	7649	0.23	171.4	42.0
	8/24/2012	5.36	23.84	8609	0.09	172.6	120
	3/14/2013	5.69	17.35	6918	0.19	220.3	8.16

TABLE 3
SUMMARY OF SITE FIELD PARAMETER MEASUREMENTS
Former Farmers Favorite Fertilizer Facility
Moultrie, Georgia

Location	Date	pH (SUs)	Temperature (°C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (ORP) (mV)	Turbidity (NTUs)
MW-43S	8/26/2010	5.30	26.24	1818	0.40	191	1.4
	2/24/2011	5.61	15.07	1870	0.56	183	0.7
	8/30/2011	5.24	26.21	1705	0.13	146.3	0.40
	3/15/2012	5.53	18.26	1632	0.15	128.0	0.88
	8/24/2012	5.75	26.43	1992	0.22	154.2	0.53
	3/14/2013	5.41	15.74	1815	0.33	148.8	0.61
MW-44S	8/26/2010	5.98	24.87	581	0.24	14	44.0
	2/24/2011	6.20	18.42	830	0.20	33	25.7
	8/30/2011	6.04	26.81	809	0.11	11.5	1.41
	3/16/2012	6.42	21.25	1056	0.26	-15.0	9.63
	8/24/2012	5.98	25.38	990	0.53	35.5	8.5
	3/19/2013	6.30	18.85	996	0.45	68.2	3.47
MW-45S	8/31/2011	6.70	26.45	9158	2.77	95.2	8.10
	3/19/2012	6.99	18.19	9454	0.27	-142.9	1.71
	8/25/2012	7.07	23.53	9945	0.02	-108.5	6.00
	3/20/2013	7.00	17.00	9904	0.23	-85.6	2.80
MW-46S	8/25/2010	3.87	28.88	432	0.76	306.1	2.6
	2/25/2011	4.04	18.45	496	0.70	261.4	2.2
	8/31/2011	4.30	30.10	413	0.13	115.7	1.23
	3/16/2012	3.84	21.09	543	0.77	152.8	0.31
	8/25/2012	3.99	26.43	446	0.25	198.2	0.36
	3/20/2013	3.91	20.08	460	0.27	224.0	1.92
MW-47S	9/1/2010	5.32	24.67	44	4.89	222	2.7
	2/24/2011	5.60	21.59	47	5.37	234	2.5
	8/31/2011	5.31	23.41	45	3.85	129.1	1.45
	3/16/2012	5.17	21.30	51	4.30	206.1	1.54
	8/25/2012	5.01	22.01	61	4.38	124.8	1.53
	3/19/2013	5.34	20.95	53	4.63	157.6	1.67
MW-48S	5/10/2012	4.85	22.20	301.5	0.45	218.9	0.42
	8/21/2012	3.96	21.23	851	0.13	107.7	0.61
	3/15/2013	3.89	20.64	1161	0.41	257.5	0.45
MW-49S	5/10/2012	5.91	27.70	117.9	2.37	151.3	119
	8/24/2012	5.25	26.32	71	3.48	125.5	144
	3/20/2013	5.27	21.95	41	3.51	176.6	296
FFFW-1-R	1/6-7/87	6.3	NM	NA	NM	NM	NA
	5/10/2000	6.64	NM	535	NM	NM	362
	11/14/2001	6.35	NM	448	NM	NM	58
	12/21/2002	6.83	NM	294	NM	NM	57.3
	6/20/2003	5.81	NM	539	NM	NM	210
	9/1/2009	6.43	22.04	452	5.92	6	49.6
	8/30/2011	6.19	27.64	546	0.61	35.3	1.07
	3/19/2012	6.23	18.47	534	0.42	5.2	1.64
	8/24/2012	6.32	25.96	532	0.11	35.8	0.75
	3/19/2013	6.46	16.42	476	1.83	75.2	0.88
FFFW-2-R	1/6-7/87	4.1	NM	NA	NM	NM	NA
	5/10/2000	3.75	NM	14210	NM	NM	36.2
	11/14/2001	3.98	NM	5600	NM	NM	66.8
	12/22/2002	3.53	NM	26284	NM	NM	>1000
	6/20/2003	3.62	NM	OR	NM	NM	600
	9/1/2009	4.36	22.05	2041	0.15	199	19.0
	8/27/2010	3.95	21.44	3640	0.57	448	2.0
	2/28/2011	4.08	23.07	4462	0.72	235	0.7
	8/31/2011	4.13	22.22	1464	0.50	178.0	0.47
	3/19/2012	4.05	21.54	3995	0.57	228.4	1.24
	8/26/2012	3.78	22.44	4520	0.35	358.4	1.32
	3/19/2013	3.92	21.56	4944	0.40	247.0	0.98
FFFW-2I	8/27/2010	6.58	22.39	283	2.16	362	1.1
	2/28/2011	6.45	23.29	245	5.34	128	5.1
	8/31/2011	5.94	22.23	214	3.43	113.8	1.87
	3/19/2012	5.55	22.02	330	1.38	109.0	0.78
	8/26/2012	5.43	22.18	313	1.37	170.9	1.38
	3/19/2013	5.43	21.60	352	1.43	111.0	1.65

TABLE 3
SUMMARY OF SITE FIELD PARAMETER MEASUREMENTS
Former Farmers Favorite Fertilizer Facility
Moultrie, Georgia

Location	Date	pH (SUs)	Temperature (°C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (ORP) (mV)	Turbidity (NTUs)
FFFW-3-R	1/6-7/87	6	NM	NA	NM	NM	NA
	5/10/2000	4.73	NM	2730	NM	NM	12.9
	11/14/2001	4.69	NM	4200	NM	NM	2.67
	12/22/2002	4.53	NM	3320	NM	NM	>1000
	6/19/2003	4.4	NM	2880	NM	NM	54
	8/31/2009	4.65	25.12	2207	0.60	92	12.9
	8/29/2011	5.69	27.81	2431	0.56	218.4	24.2
	3/15/2012	5.81	19.47	2009	0.34	86.5	46.2
	8/24/2012	5.43	25.63	2069	0.44	141.8	4.26
	3/14/2013	5.24	15.16	2148	2.25	168.1	0.71
FFFW-4-R	1/6-7/87	5.8	NM	NA	NM	NM	NA
	5/10/2000	5.59	NM	244	NM	NM	18.4
	11/14/2001	6.22	NM	52.4	NM	NM	479
	12/23/2002	6.27	NM	37	NM	NM	>1000
	6/20/2003	7.26	NM	30	NM	NM	350
	9/1/2009	4.98	21.05	56	2.54	178	>1000
	8/30/2011	5.77	23.80	10249	3.40	147.9	50.6
	3/19/2012	5.86	20.69	2553	0.31	65.7	62.9
	8/25/2012	5.67	25.86	2323	0.19	163.4	182
	3/20/2013	5.63	17.25	1729	0.34	223.3	77.0
MW-TP1S	8/7/2000	4.45	NM	310	NM	NM	3.26
	11/14/2001	4.68	NM	215	NM	NM	1.59
	12/20/2002	4.26	NM	349	NM	NM	1.92
	6/19/2003	4.97	NM	381	NM	NM	3.7
	9/1/2009	4.20	21.54	254	3.06	176	1.8
	8/30/2010	4.55	25.22	225	4.38	181	0.3
	2/28/2011	4.60	20.41	203	3.56	130	0.8
	8/26/2011	4.68	21.74	183	3.59	155.7	4.70
	3/19/2012	4.56	19.66	188	3.65	171.3	0.25
	8/25/2012	4.31	21.60	194	3.39	157.6	0.43
	3/19/2013	4.43	19.25	241	3.03	173.4	0.74
MW-TP1I	8/8/2000	6.95	NM	159.2	NM	NM	148
	11/14/2001	6.06	NM	46.5	NM	NM	19.3
	12/20/2002	6.32	NM	57	NM	NM	18.8
	6/19/2003	4.47	NM	11.6	NM	NM	120
	9/1/2009	5.68	21.51	50	5.94	128	19.7
	8/30/2010	6.04	24.18	48	4.12	128	1.1
	2/28/2011	6.23	20.89	50	6.90	102	7.3
	8/26/2011	5.41	23.19	48	5.04	135.7	3.01
	3/19/2012	6.06	20.66	50	5.44	149.9	9.79
	8/25/2012	5.93	21.00	56	5.77	82.5	9.4
	3/19/2013	5.94	20.14	50	6.25	113.5	6.45
MW-TP2S	8/7/2000	4.35	NM	555	NM	NM	4.81
	11/14/2001	4.54	NM	420	NM	NM	180
	12/21/2002	4.55	NM	543	NM	NM	14.9
	6/19/2003	4.9	NM	437	NM	NM	85
	9/1/2009	4.81	23.27	369	0.33	81.5	11.7
	8/26/2010	4.81	24.69	398	1.82	287	6.6
	2/28/2011	5.42	17.30	480	0.83	79	5.0
	8/31/2011	5.10	25.02	414	0.19	88.4	3.05
	3/16/2012	5.56	18.46	431	0.65	-688.8	4.16
	8/24/2012	5.02	24.34	484	0.26	115.1	8.66
	3/20/2013	5.42	17.00	252	0.50	121.1	13.8
MW-TP3S	8/7/2000	4.29	NM	339	NM	NM	2.41
	11/14/2001	4.77	NM	221	NM	NM	2.45
	12/20/2002	4.81	NM	243	NM	NM	1.45
	6/19/2003	5	NM	293	NM	NM	4.5
	9/1/2009	4.43	22.08	212	1.18	296	5.6
	8/26/2010	4.48	22.42	186	1.42	328	1.4
	2/28/2011	5.03	19.35	214	0.87	33	2.9
	8/31/2011	5.06	22.79	167	1.52	80.1	0.66
	3/16/2012	4.80	19.78	215	1.31	-665.7	0.80
	8/25/2012	4.69	21.99	215	1.32	219.3	0.66
	3/20/2013	4.66	18.69	210	1.28	90.6	0.78

TABLE 3
SUMMARY OF SITE FIELD PARAMETER MEASUREMENTS
Former Farmers Favorite Fertilizer Facility
Moultrie, Georgia

Location	Date	pH (SUs)	Temperature (°C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (ORP) (mV)	Turbidity (NTUs)
MW-TP4S	8/7/2000	4.7	NM	128.9	NM	NM	4.88
	11/14/2001	4.92	NM	86.5	NM	NM	2.9
	12/20/2002	4.94	NM	131.2	NM	NM	18.3
	6/20/2003	4.78	NM	116	NM	NM	0.93
	9/1/2009	4.18	22.00	107	3.78	194	7.9
	8/27/2010	4.28	22.08	101	4.45	357	5.4
	2/28/2011	4.80	22.33	110	4.64	100	1.6
	8/26/2011	4.49	24.98	110	3.38	164.3	0.24
	3/19/2012	4.75	23.08	114	3.73	128.4	0.59
	8/25/2012	4.63	22.17	109	3.93	218.0	1.66
	3/19/2013	4.66	21.59	142	4.35	209.7	0.74
MW-TP5S	8/7/2000	3.9	NM	8380	NM	NM	3.02
	11/14/2001	3.21	NM	15490	NM	NM	2.3
	12/20/2002	3.19	NM	10080	NM	NM	3.11
	6/20/2003	5.65	NM	740	NM	NM	4.5
	8/31/2009	3.31	21.72	15532	0.20	381	2.2
	8/30/2010	3.85	23.10	16735	2.02	354	4.3
	2/24/2011	3.34	21.53	16894	0.45	354	1.3
	8/31/2011	3.33	24.15	15515	0.17	251.7	0.33
	3/20/2012	3.28	22.11	16970	0.33	348.5	4.37
	8/26/2012	3.21	23.68	18085	0.17	373.3	2.48
	3/19/2013	3.09	19.77	18335	0.29	370.0	0.94
MW-TP5I	8/30/2010	6.12	24.49	298	1.28	118	103.0
	2/24/2011	6.10	22.60	78	6.84	142	51.4
	8/31/2011	5.76	25.61	70	1.76	128.4	46.5
	3/20/2012	5.87	23.70	66	0.34	58.2	273
	8/26/2012	5.85	22.93	59	0.47	141.9	384
	3/19/2013	5.70	20.25	53	0.55	88.2	271
MW-TP6S	8/7/2000	4.21	NM	618	NM	NM	4.64

Notes:
SU - standard units
µS/cm - microsiemens per centimeter; December 2003 data were conductivity values provided by Arcadis
mg/L - milligrams per liter
mV - millivolt
NTU - nephelometric turbidity units
NA - indicate data was not available or was not collected
NR - no reading on instrument
OR - Over Range
* - pH data suspect to calibration failure
J- Instrument data failed verification

TABLE 4
CURRENT (2012) GROUNDWATER SAMPLING PLAN
Former Farmers Favorite Fertilizer
Moultrie, Georgia

SAMPLE LOCATION	WELL DEPTH (ft bls)	SCREEN INTERVAL (ft bls)	SCREEN ELEVATION (MSL)	PROPOSED ANALYSES															
				Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Metals Analyzed
MW-1S-R	12	2 - 12	290.86 - 280.86	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	4
MW-1I-R	35.5	30 - 34.5	265.48 - 260.98	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
MW-2S	14	4 - 14	289.14 - 279.14	N	Y	Y	N	N	N	N	Y	N	Y	N	N	N	N	N	3
MW-2 I	35.5	30 - 35	259.72 - 254.72	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
MW-3S	14	4 - 14	289.49 - 279.49	N	Y	Y	Y	Y	N	Y	Y	N	Y	Y	N	N	N	Y	9
MW-3I	40	35 - 40	258.87 - 253.87	N	Y	Y	Y	N	N	N	Y	N	Y	N	N	N	N	N	5
MW-4S	12	2 - 12	285.28 - 275.28	N	Y	N	Y	Y	N	Y	Y	N	Y	N	N	N	N	Y	8
MW-5S-R	14	4 - 14	286.53 - 276.53	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	N	N	N	5
MW-6S-R	14	4 - 14	293.44 - 283.44	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	N	N	Y	6
MW-6I	33	4 - 14	265.66 - 260.66	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
MW-7S-R	14	4 - 14	289.40 - 279.40	N	Y	N	Y	N	N	N	Y	N	Y	N	N	N	N	N	5
MW-7I	49.5	39.5 - 49.5	255.91 - 245.91	N	Y	Y	Y	N	N	N	Y	N	Y	N	N	N	N	N	5
MW-8I	35	30 - 35	267.02 - 262.02	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
MW-9S-R	14	4 - 14	286.69 - 276.69	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
MW-10S-R	14	4 - 14	283.30 - 273.30	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	N	N	N	5
MW-10I	40	35 - 40	256.94 - 251.94	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
MW-11S	12	2 - 12	286.97 - 276.97	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
MW-12S	25	15 - 25	280.94 - 270.94	N	Y	Y	Y	Y	N	Y	Y	N	Y	Y	N	Y	N	Y	11
MW-12I	38	33.5 - 38.0	262.35 - 257.85	N	Y	Y	Y	N	N	N	Y	N	Y	N	N	N	N	N	5
MW-13S-R	14	4 - 14	285.43 - 275.43	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
MW-13I	54.1	44 - 54	255.29 - 245.29	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
MW-15S	20	10 - 20	285.86 - 275.86	N	Y	N	Y	N	N	N	Y	N	Y	N	N	N	N	N	4
MW-18S	13	3 - 13	282.64 - 272.64	N	Y	Y	Y	Y	N	Y	Y	N	Y	N	N	Y	N	Y	10
MW-19S	13	3 - 13	281.71 - 271.71	N	Y	N	N	Y	N	N	Y	N	Y	N	N	N	N	Y	6
MW-20S	15	5 - 15	279.57 - 269.57	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
MW-21S	20	5 - 20	283.67 - 268.67	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	N	N	N	5
MW-22S	16.5	6.5 - 16.5	277.49 - 267.49	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
MW-23S	32.25	22.25 - 32.25	267.20 - 257.20	N	Y	Y	Y	Y	N	N	Y	N	Y	N	N	Y	N	Y	8
MW-24S	30.75	20.75 - 30.75	265.25 - 255.25	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
MW-25S	15.25	5.25 - 15.25	275.47 - 265.47	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
MW-26S	20	5 - 20	281.60 - 266.60	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
MW-27S-R	14	4 - 14	285.18 - 275.18	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
MW-28S	26	16 - 26	285.26 - 275.26	N	Y	Y	Y	N	N	N	Y	N	Y	N	N	N	N	N	5
MW-29S	29.5	19 - 29	280.96 - 270.96	N	Y	Y	Y	N	N	Y	Y	Y	Y	N	N	N	N	N	7
MW-30S	38.5	18.5 - 38.5	283.94 - 263.94	N	Y	Y	Y	N	N	Y	Y	N	Y	N	N	N	N	N	6
MW-31S	39.5	19.5 - 39.5	278.02 - 258.02	N	Y	Y	Y	N	N	N	Y	N	Y	N	N	N	N	N	6
MW-32S-R	13	3 - 13	290.65 - 280.65	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
MW-32I	27	22 - 27	271.60 - 266.60	N	Y	Y	Y	Y	N	N	Y	N	Y	N	N	Y	N	N	7
MW-33S	27.5	17 - 27	263.45 - 253.45	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	Y	4
MW-34S	14.5	4.5 - 14.5	280.16 - 270.16	N	Y	N	N	Y	N	N	Y	N	Y	N	N	N	N	Y	6
MW-34I	43	38 - 43	246.54 - 241.54	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	Y	5
MW-35S	25	15 - 25	287.62 - 277.62	N	Y	Y	N	N	N	N	Y	Y	Y	N	N	N	N	N	5
MW-36S	14	4 - 14	286.76 - 276.76	N	Y	N	Y	N	N	N	Y	N	Y	N	N	N	N	N	5
MW-37S	16	6 - 16	283.99 - 273.99	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
MW-38S	16	6 - 16	283.81 - 273.81	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
MW-39S	16	6 - 16	287.65 - 277.65	N	Y	Y	Y	N	N	N	Y	N	Y	N	N	N	N	Y	6

TABLE 4
CURRENT (2012) GROUNDWATER SAMPLING PLAN
Former Farmers Favorite Fertilizer
Moultrie, Georgia

SAMPLE LOCATION	WELL DEPTH (ft bls)	SCREEN INTERVAL (ft bls)	SCREEN ELEVATION (MSL)	PROPOSED ANALYSES															
				Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Metals Analyzed
MW-40S	35	25 - 35	273.59 - 263.59	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	Y	N	N	6
MW-41S	30	20 - 30	270.61 - 260.61	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	Y	N	N	6
MW-42S	15	5 - 15	285.06 - 275.06	N	Y	Y	Y	Y	N	N	Y	N	Y	N	N	N	N	Y	7
MW-43S	15	5 - 15	280.25 - 270.25	N	Y	N	N	Y	N	N	Y	N	Y	N	N	N	N	Y	5
MW-44S	20	10 - 20	277.35 - 267.35	N	Y	N	N	Y	N	N	Y	N	Y	N	N	N	N	N	4
MW-45S	20	10 - 20	264.71 - 254.71	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
MW-46S	15	5 - 15	277.70 - 267.70	N	Y	N	N	Y	N	N	Y	N	Y	N	N	N	N	Y	5
MW-47S	32	22 - 32	271.37 - 261.37	N	Y	Y	Y	Y	N	N	Y	N	Y	N	N	Y	N	Y	8
FFFW-1-R	12	2 - 12	281.50 - 271.50	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
FFFW-2-R	27	17 - 27	272.50 - 262.50	N	Y	Y	Y	Y	N	N	Y	N	Y	N	N	Y	N	Y	8
FFFW-2I	50	45 - 50	244.72 - 239.72	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
FFFW-3-R	14	4 - 14	281.06 - 271.06	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
FFFW-4-R	14	4 - 14	279.58 - 269.58	N	Y	N	Y	N	N	N	Y	N	Y	N	N	N	N	N	4
MW-TP1S	20	10 - 20	274.53 - 264.53	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
MW-TP1I	48	43 - 48	241.57 - 236.57	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
MW-TP2S	20	10 - 20	268.31 - 258.31	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
MW-TP3S	20	10 - 20	268.79 - 258.79	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
MW-TP4S	25	15 - 25	272.67 - 262.67	N	Y	Y	Y	N	N	N	Y	N	Y	N	N	N	N	N	5
MW-TP5S	25	15 - 25	273.64 - 263.64	N	Y	Y	Y	Y	N	N	Y	N	Y	Y	N	Y	N	Y	9
MW-TP5I	50	45 - 50	243.46 - 238.46	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	Y	4

Notes:
ft bls = feet below land surface
MSL = Mean Sea Level
Y - analyze metal from groundwater sample collected from monitoring well
N - do not analyze metal from groundwater sample collected from monitoring well
Revised as per GEPD comment letter dated September 23, 2011 and recommendations in Table 8 of the May 2011 Semiannual Monitoring Report

TABLE 5
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-1S-R	1/26/1999	<0.005	<0.01	0.022	<0.004	<0.005	<0.01	<0.025	**1.6**	<0.0002	<0.04	<0.01	<0.01	**0.0029**	<0.01	0.056
	5/9/2000	<0.005	<0.01	0.011	<0.004	<0.005	<0.01	<0.025	**0.07**	<0.0002	<0.04	<0.01	<0.01	<0.002	0.019	0.052
	11/13/2001	NA	NA	NA	NA	NA	NA	NA	**0.09**	NA	NA	NA	NA	NA	NA	NA
	12/22/2002	<0.006	<0.010	0.011	<0.004	<0.005	0.012	0.021	**0.1**	<0.0002	<0.04	<0.01	<0.01	<0.01	0.034	0.038
Dissolved	12/22/2002	NA	NA	<0.010	NA	NA	<0.010	<0.020	**0.08**	NA	NA	NA	NA	NA	<0.010	0.034
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	**0.09**	NA	NA	NA	NA	NA	NA	NA
Dissolved	6/18/2003	NA	NA	NA	NA	NA	NA	NA	**0.066**	NA	NA	NA	NA	NA	NA	NA
	11/8/2006	<0.0026	<0.0038	0.03	0.0034	0.00068 V	0.0023 V	0.043 V	**0.034 V**	0.000044 I	0.044	<0.0043	<0.0006	<0.0010	0.0018 I	0.14 V
	8/27/2009	0.00035 I	0.0085 U	0.032	0.00016 I	0.00032 U	0.001 V,I	0.0025 U	0.0013 U	0.000014 U	0.0015 I	0.0022 U	0.000059 U	0.000067 U	0.0029	0.017 V
	3/2/2010	0.00021 I	0.0085 U	0.022	0.00013 U	0.00032 U	0.0011 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0044 U	0.00012 U	0.00013 U	0.0033	0.0088 I
	8/31/2010	0.0015 U	0.0085 U	0.033	0.00013 U	0.00032 U	0.0013 I	0.0028 I	0.0013 U	0.000014 U	0.0011 U	0.0044 U	0.0012 U	0.0013 U	0.0014 I	0.0094 I
	3/2/2011	0.00022 I	0.0085 U	0.027	0.00013 U	0.00032 U	0.0016 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0029	0.019
	8/25/2011	NA	0.0028	0.049	0.00025 U	0.000095 U	NA	0.0053	0.00028 J	NA	0.0034 J	0.0025 B	NA	0.00050 U	0.0038 U	0.0085 J
	3/14/2012	NA	0.0019 J	NA	NA	NA	NA	NA	0.00067 J	NA	0.0027 J	NA	NA	NA	NA	NA
Dissolved	3/14/2012	NA	0.0017 J	NA	NA	NA	NA	NA	0.00020 U	NA	0.0029 J	NA	NA	NA	NA	NA
	8/23/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00088 J	NA	0.0023 J	NA	NA	NA	NA	NA
Dissolved	8/23/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00021 J	NA	0.0031 J	NA	NA	NA	NA	NA
	3/12/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00047 J	NA	0.0020 U	NA	NA	NA	NA	NA
Dissolved	3/12/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
MW-1I-R	1/26/1999	NA	<0.01	0.055	NA	<0.005	<0.01	NA	0.0065	<0.0002	NA	NA	<0.01	NA	NA	NA
	5/9/2000	NA	<0.01	0.089	NA	<0.005	<0.01	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/2001	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/23/2002	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/8/2006	NA	<0.0038	0.12	NA	0.000097 I V	0.00074 I V	NA	<0.0019	<0.00002	NA	<0.0043	0.0011 I V	NA	NA	NA
	8/27/2009	0.00015 I	0.0085 U	0.14	0.00032	0.00032 U	0.00059 V,I	0.0025 U	0.0013 U	0.000019 I	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00018 U	0.051 V
	3/2/2010	0.00015 U	0.0085 U	0.15	0.00044	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000021 I	0.0011 U	0.0044 U	0.00012 U	0.00013 U	0.00018 I	0.012
	8/31/2010	0.0058 I	0.0085 U	0.15	0.00046	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.044 U	0.0012 U	0.0013 U	0.00029 I	0.0061 I
	3/2/2011	0.00023 I	0.0085 U	0.14	0.00040	0.00032 U	0.00050 U	0.0025 U	0.0013 I	0.000049 I	0.0011 U	0.0022 U	0.000059 U	0.00014 I	0.00018 U	0.021
	8/25/2011	NA	0.0013 U	0.150	0.00051	0.000095 U	NA	0.0011 U	0.0020	NA	0.0022 J	0.0010 U	NA	0.00050 U	0.0038 U	0.0083 U
	3/13/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0015	NA	0.002 U	NA	NA	NA	NA	NA
	8/23/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0017	NA	0.0037 J	NA	NA	NA	NA	NA
	3/12/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0016	NA	0.0020 U	NA	NA	NA	NA	NA

TABLE 5
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-2S	1/26/1999	<0.005	<0.01	0.037	<0.004	**0.0053**	<0.01	<0.025	0.0068	<0.0002	<0.04	<0.01	<0.01	<0.002	<0.01	0.47
	5/8/2000	<0.005	<0.01	0.031	<0.004	<0.005	<0.01	<0.025	0.0075	<0.0002	<0.04	<0.01	<0.01	<0.002	<0.01	0.42
	11/12/2001	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	0.43
	12/23/2002	<0.006	<0.01	0.04	<0.004	<0.005	<0.01	<0.02	0.0054	<0.0002	<0.04	<0.01	<0.01	<0.002	<0.01	0.38
	6/18/2003	NA	NA	NA	NA	NA	NA	0.028	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/24/2006	<0.0026	<0.0038	0.044	0.00077	0.0037 V	0.001 I V	0.02 V	<0.0019	<0.00002	0.0052 I	<0.0043	<0.0006	<0.0010	0.00078 I	0.34
	8/28/2009	0.000099 I	0.0085 U	0.043	0.00061	0.0031	0.00070 V,I	0.012	0.0013 U	0.000014 U	0.0057 I	0.0022 U	0.000059 U	0.000067 U	0.00028 I	0.29 V
	3/2/2010	0.00015 U	0.0085 U	0.036	0.00057	0.003	0.00050 U	0.011	0.0013 U	0.000014 U	0.0061 I	0.0044 U	0.00012 U	0.00019 I	0.0030 I	0.31
	8/31/2010	0.0015 U	0.01	0.045	0.00068	0.0024	0.0010 I	0.013	0.0013 U	0.000014 U	0.0027 I	0.0044 U	0.0012 U	0.0013 U	0.00023 I	0.26
	3/1/2011	0.000077 I	0.0098 I	0.038	0.00059	0.0026	0.00064 I	0.011	0.0013 U	0.000014 U	0.0053 I	0.0022 U	0.000059 U	0.00021	0.00018 U	0.31
	8/25/2011	NA	0.0015 J	0.040	0.00066	0.0019	NA	0.014	0.0039	NA	0.011	0.0041 B	NA	0.00050 U	0.0038 U	0.240
	3/13/2012	NA	0.0025	0.036	NA	NA	NA	NA	0.0030	NA	0.0082	NA	NA	NA	NA	NA
	8/23/2012	NA	0.0013 U	0.044	NA	NA	NA	NA	0.0040	NA	0.0074	NA	NA	NA	NA	NA
	3/12/2013	NA	0.0018 J	0.035	NA	NA	NA	NA	0.0025	NA	0.0085	NA	NA	NA	NA	NA
MW-2I	1/26/1999	NA	<0.01	0.13	NA	<0.005	<0.01	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	5/8/2000	NA	<0.01	0.15	NA	<0.005	<0.01	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/12/2001	NA	NA	NA	NA	NA	NA	NA	<0.01	NA	NA	NA	NA	NA	NA	<0.10
	12/23/2002	<0.20*	<0.10*	**15**	**0.16**	<0.050*	<0.10*	0.17	0.0063	NA	**0.41**	<0.10*	NA	<0.10*	<0.10*	<0.02
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/24/2006	<0.0026	<0.0038	0.17	0.00055	0.00018 I V	0.00092 IV	0.0047 V	0.0025	0.000026 I	<0.0016	<0.0043	0.00073 I	<0.0010	0.00086 I	0.013
	8/28/2009	0.000073 U	0.0085 U	0.17	0.00041	0.00032 U	0.00054 V,I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00018 U	0.015 V
	3/2/2010	0.00015 U	0.0085 U	0.16	0.00053	0.00032 U	0.00050 U	0.0025 U	0.0015 I	0.000014 U	0.0011 U	0.0044 U	0.00012 U	0.00014 I	0.00018 U	0.0096 I
	8/31/2010	0.0015 U	0.0085 U	0.17	0.00055	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0044 U	0.0012 U	0.0013 U	0.00018 U	0.0065 I
	3/1/2011	0.000073 U	0.0085 U	0.16	0.00041	0.00032 U	0.00050 U	0.0025 U	0.0018 I	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.00011 I	0.00018 U	0.017
	8/25/2011	NA	0.0013 U	0.160	0.00051	0.000095 U	NA	0.0011 U	0.0020	NA	0.0022 J	0.0010 U	NA	0.00050 U	0.0038 U	0.0083 U
	3/13/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0017 U	NA	0.002 U	NA	NA	NA	NA	NA
	8/23/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0019	NA	0.0020 U	NA	NA	NA	NA	NA
	3/12/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0019	NA	0.0020 U	NA	NA	NA	NA	NA

TABLE 5
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-3S	1/26/1999	<0.025*	<0.25*	<0.25*	<0.1*	<0.12*	**0.19**	**1.8**	<0.12*	<0.0002	**0.34**	<0.25*	<0.25*	**0.0028**	<0.25*	**2.4**
	5/8/2000	<0.005	**0.039**	<0.01	**0.011**	<0.005	0.021	0.33	**0.017**	<0.0002	0.069	<0.01	<0.01	<0.002	<0.01	0.38
	11/13/2001	NA	**0.46**	NA	NA	NA	NA	NA	**0.23**	NA	NA	NA	NA	NA	NA	NA
	12/23/2002	<0.80*	**0.46**	<0.40*	<0.16*	<0.20*	<0.40*	**1.8**	**0.21**	<0.0002	<1.6*	<0.40*	<0.40*	<0.40*	<0.40*	**2.5**
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	**0.12**	NA	NA	NA	NA	NA	NA	NA
	10/24/2006	**0.012**	**0.57**	0.016	**0.030**	**0.014 V**	**0.15**	**4.3 V**	**0.21**	0.000047 I	**0.43**	<0.0086	<0.0012	<0.0010	0.0047	**2.9**
	8/28/2009	0.00014 J4,I	**0.42 J4**	0.013 J4	**0.024 J4**	**0.013 J4**	0.068 J4	**2.6 J4**	**0.14 J4**	0.000014 U	**0.32 J4**	0.0022 J4,U	0.000099 J4,I	0.0014 J4	0.0021 J4	**2.1 J4**
	3/2/2010	0.00015 U	**0.40**	0.012	**0.025**	**0.0097**	0.091	**2.8**	**0.15**	0.000094 I	**0.34**	**0.085**	0.00012 U	0.0014	0.0025	**2.2**
	8/31/2010	0.00023 I	**0.52**	0.013	**0.023**	**0.011**	0.094	**2.8**	**0.18**	0.000065 I	**0.33**	0.0033 I	0.000081 I	0.0014	0.0023	**2.2**
	3/2/2011	0.00013 I,J4	**0.56**	0.015	**0.025**	**0.010**	0.075	**2.8**	**0.17**	0.000014 U	**0.37**	0.0022 U,J4	0.000059 U,J4	0.0014 J4	0.00036 U	**2.4**
	8/25/2011	NA	**0.038**	0.010	**0.0070**	0.0043	NA	1.3	**0.049**	NA	**0.150**	**0.066 B**	NA	0.00050 U	0.015 U	0.780
	3/14/2012	NA	**0.310**	0.015	**0.0220**	**0.0180**	NA	**1.4**	**0.120**	NA	**0.260**	0.048	NA	NA	NA	1.7
	8/22/2012	NA	**0.350**	0.014	**0.024**	**0.012**	NA	**1.9**	**0.110**	NA	**0.320**	**0.064**	NA	NA	NA	1.8
	3/15/2013	NA	**0.250**	0.012	**0.023**	**0.011**	NA	**1.6**	**0.120**	NA	**0.260**	**0.077**	NA	NA	NA	**2.2**
MW-3I	1/26/1999	NA	<0.01	0.082	NA	<0.005	0.01	NA	**0.027**	<0.0002	NA	NA	<0.01	NA	NA	NA
	5/8/2000	NA	<0.01	0.11	NA	<0.005	<0.01	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/2001	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/23/2002	NA	NA	NA	NA	NA	NA	NA	<0.0050	NA	NA	NA	NA	NA	NA	NA
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	<0.0050	NA	NA	NA	NA	NA	NA	NA
	10/24/2006	NA	<0.0038	0.11	NA	0.00022 V	0.00082 I V	NA	0.0021 I	0.000046 I	NA	<0.0043	<0.0006	NA	NA	NA
	8/28/2009	0.000073 U	0.0085 U	0.12	0.00046	0.00032 U	0.00058 V,I	0.0025 U	0.0013 U	0.000033 I	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00018 U	0.020 V
	3/2/2010	0.00015 U	0.0085 U	0.11	0.0006	0.00032 U	0.00050 U	0.0025 U	0.0017 I	0.000055 I	0.0011 U	0.0044 U	0.00012 U	0.00013 U	0.00037 I	0.013
	8/31/2010	0.000073 U	0.0085 U	0.12	0.0005	0.00039 I	0.00054 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000097 I	0.00018 U	0.013
	3/2/2011	0.00010 I	0.0085 U	0.13	0.00072	0.00052 I	0.0035 I	0.0034 I	0.0090	0.00019	0.0022 I	0.0022 U	0.000059 U	0.00015 I	0.0063	0.024
	8/25/2011	NA	0.0013 U	0.110	0.00065	0.00012 J	NA	0.0024 J	0.0017	NA	0.0033 J	0.0025 B	NA	0.00050 U	0.0038 U	0.0086 J
	3/14/2012	NA	0.0013 U	0.170	0.00094	NA	NA	NA	0.0029	NA	0.0035 J	NA	NA	NA	NA	NA
	8/22/2012	NA	0.0013 U	0.130	0.00066	NA	NA	NA	0.0021	NA	0.0031 J	NA	NA	NA	NA	NA
	3/15/2013	NA	0.0013 U	0.098	0.00049 J	NA	NA	NA	0.0016	NA	0.0026 J	NA	NA	NA	NA	NA

TABLE 5
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-4S	1/26/1999	NA	<0.01	0.05	NA	<0.005	<0.01	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	5/9/2000	NA	<0.01	0.035	NA	<0.005	<0.01	NA	**0.017**	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/14/2001	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/2002	NA	NA	NA	NA	NA	NA	NA	**0.018**	NA	NA	NA	NA	NA	NA	NA
	6/19/2003	NA	NA	NA	NA	NA	NA	NA	0.012	NA	NA	NA	NA	NA	NA	NA
	10/25/2006	NA	<0.0038	0.028	NA	0.0012 V	0.00036 I V	NA	<0.0019	0.000098	NA	<0.0043	<0.0006	NA	NA	NA
	8/28/2009	**0.0089 V,I**	**0.071**	0.060	**0.0091**	**0.0067**	0.0078 V	0.046	0.011	0.000063 I	0.083	0.0068 U	0.00079 I	**0.0024**	0.019	2.0
Dissolved	8/28/2009	0.00055 I	0.0085 U	NA	0.00015 I	**0.0063**	NA	NA	NA	NA	NA	NA	NA	**0.0024**	0.012	1.6
	2/24/2010	0.00026 I	0.0085 U	0.011	0.0022	0.0022	0.0016 V,I	0.011	0.0013 U	0.000014 U	0.032	0.0063	0.00014 I	0.00021	0.0067	1.60
	8/25/2010	0.00062	**0.052**	0.012	0.0018	0.0026	0.0055	0.033	0.0013 U	0.000017 I	0.038	0.0025 I	0.00013 I	0.0012	0.011 V	1.5
	2/23/2011	0.00076	**0.035**	0.0024	0.00013 U	0.00079	0.0023 I	0.016	0.0013 U	0.000022 I	0.026	0.0022 U	0.000059 U	0.00089	0.033	0.51
	8/30/2011	NA	**0.044**	0.0044 J	0.00025 U	0.0029	NA	0.037	0.00020 U	NA	0.062	0.0044 B	NA	0.0017	0.034	0.890
	3/15/2012	NA	**0.052**	NA	0.00025 U	0.0031	NA	0.026	0.00020 U	NA	0.068	NA	NA	NA	NA	1.500
	8/25/2012	NA	**0.032**	NA	0.00025 U	**0.0066**	NA	0.028	0.00020 U	NA	0.095	NA	NA	NA	NA	1.700
	3/14/2013	NA	**0.063**	NA	0.00025 U	0.00094	NA	0.027	0.00062 J	NA	0.032	NA	NA	NA	NA	0.220
MW-5S-R	1/26/1999	NA	<0.01	0.11	NA	<0.005	<0.01	NA	**0.097**	<0.0002	NA	NA	<0.01	NA	NA	NA
	5/9/2000	NA	<0.01	0.079	NA	<0.005	<0.01	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/2001	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/2002	NA	NA	NA	NA	NA	NA	NA	0.0065	NA	NA	NA	NA	NA	NA	NA
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	0.0073	NA	NA	NA	NA	NA	NA	NA
	11/8/2006	NA	<0.0038	0.14	NA	0.00064 V	0.00082 I V	NA	<0.0019	<0.00002	NA	<0.0043	0.00098 I V	NA	NA	NA
	8/27/2009	0.00017 I	0.0085 U	0.025	**0.0061**	0.0013	0.0046 V	0.019	**0.034 V**	0.000014 U	0.067	0.0022 U	0.000059 U	0.00008 I	0.012	0.30 V
	3/3/2010	0.00040 I	0.0085 U	0.079	0.00019 I	0.00032 U	0.00069 I	0.0047	0.0013 U	0.000014 U	0.0046 I	0.0044 U	0.00012 U	0.00013 U	0.0021	0.039
	8/31/2010	0.0015 U	**0.087**	0.075	**0.0053**	0.00040 I	0.0048	0.02	**0.03**	0.000014 U	0.033	0.044 U	0.0012 U	0.0013 U	0.0055	0.17
Dissolved	8/31/2010	NA	**0.072**	NA	NA	NA	NA	NA	0.014	NA	NA	NA	NA	NA	NA	NA
	3/1/2011	0.00096	**0.012**	0.088	0.00056	0.00032 U	0.0032 I	0.016	0.0013 U	0.000025 I	0.012	0.0022 U	0.000059 U	0.000067 U	0.0044	0.068
Dissolved	3/1/2011	NA	0.0085 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/29/2011	NA	**0.091**	0.018	**0.013**	0.0010 J	NA	0.047 J	**0.140**	NA	0.100	**0.150**	NA	0.00050 U	0.038 U	0.480
	3/14/2012	NA	0.0046	NA	0.00087	0.00035 J	NA	NA	0.0055	NA	0.020	NA	NA	NA	NA	NA
Dissolved	3/14/2012	NA	0.0030	NA	0.00039 J	0.00029 J	NA	NA	0.0037	NA	0.020	NA	NA	NA	NA	NA
	8/22/2012	NA	0.0058	NA	0.00025 U	0.000095 U	NA	NA	0.00020 U	NA	0.011	NA	NA	NA	NA	NA
Dissolved	8/22/2012	NA	0.0058	NA	0.00035 J	0.000095 U	NA	NA	0.00052 J	NA	0.0097	NA	NA	NA	NA	NA
	3/13/2013	NA	0.0027	NA	0.00036 J	0.00013 J	NA	NA	0.0017	NA	0.0091	NA	NA	NA	NA	NA
Dissolved	3/13/2013	NA	0.0013 U	NA	0.00025 U	0.00011 J	NA	NA	0.00020 U	NA	0.0094	NA	NA	NA	NA	NA

TABLE 5
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-6S-R	1/26/1999	<0.025*	<0.05*	<0.05*	<0.02*	<0.025*	0.087	0.41	<0.025*	<0.0002	**0.34**	<0.05*	<0.05*	**0.0022**	0.068	1.4
	5/8/2000	<0.005	<0.01	0.01	**0.0078**	**0.012**	0.088	0.28	**0.033**	<0.0002	**0.39**	<0.01	<0.01	<0.002	**0.22**	1.3
	11/13/2001	NA	NA	NA	**0.012**	**0.053**	NA	NA	**0.27**	**0.3**	NA	NA	NA	NA	NA	NA
	12/22/2002	<0.10*	**0.075**	<0.050*	**0.027**	<0.025*	0.059	0.24	**0.12**	<0.0002	**0.36**	<0.050*	<0.050*	<0.050*	0.14	1.8
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	**0.12**	NA	NA	NA	NA	NA	NA	NA
	11/8/2006	**0.012**	**0.092**	0.025	**0.017**	**0.032 V**	0.033 V	0.29 V	**0.068**	0.000042 I	**0.27**	<0.0043	<0.0006	**0.0027 I**	0.0029 V	**2.0 V**
	8/26/2009	0.00073 U	0.0036 U	0.020	**0.045**	**0.140**	0.049	0.23	**0.410**	0.000068 I	**0.75**	**0.590**	0.0006 I	0.00067 U	**0.210**	**4.7**
	3/2/2010	0.00015 U	0.0085 U	0.00028 U	**0.0064**	**0.01**	0.0078	0.12	0.0013 U	0.000014 U	**0.14**	0.0044 U	0.00012 U	0.00022 I	0.0023	1.0
	8/31/2010	0.0015 U	**0.18**	0.0096	**0.021**	**0.018**	0.024	0.33	**0.09**	0.000031 I	**0.39**	0.044 U	0.0012 U	0.0017 I	**0.051**	1.9
	3/1/2011	0.00015 I,J4	**0.023**	0.0079	**0.012**	**0.018**	0.015	0.27	0.0019 I	0.000018 I	**0.28**	0.0022 U,J4	0.000059 U,J4	0.00058 J4	0.011	1.7
	8/25/2011	NA	0.0098	0.014	**0.017**	**0.021**	NA	0.300	**0.022**	NA	**0.3100**	0.017 B	NA	0.0012	0.012	1.800
	3/13/2012	NA	**0.0140**	NA	**0.014**	**0.020**	NA	NA	0.0073	NA	**0.2900**	NA	NA	NA	NA	1.700
	8/22/2012	NA	**0.570**	NA	**0.041**	**0.016**	NA	NA	**0.160**	NA	**0.590**	NA	NA	NA	NA	**3.200**
	3/12/2013	NA	**0.018**	NA	**0.0061**	**0.0053**	NA	NA	0.013	NA	**0.130**	NA	NA	NA	NA	0.810
MW-6I	5/9/2000	NA	<0.01	0.16	NA	<0.005	<0.01	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/2001	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	0.0054	NA	NA	NA	NA	NA	NA	NA
	10/24/2006	NA	<0.0038	0.049	NA	0.00038 V	0.00073 I V	NA	0.0057 I	0.000055 I	NA	<0.0043	<0.0006	NA	NA	NA
	8/27/2009	0.000073 U	0.0085 U	0.057	0.00099	0.00032 U	0.00072 V,I	0.0025 U	0.0057 V,I	0.000042 I	0.0027 I	0.0022 U	0.000059 U	0.000067 U	0.00025 I	0.022V
	3/1/2010	0.00015 U	0.0085 U	0.08	0.0011	0.00032 U	0.00050 U	0.0074	0.0031 I	0.000044 I	0.0014 I	0.0044 U	0.00012 U	0.00013 U	0.00035 I	0.028
	8/31/2010	0.000073 U	0.0085 U	0.085	0.00079	0.00032 U	0.00054 I	0.0051	0.0013 U	0.000022 I	0.0011 U	0.0022 U	0.000059 U	0.00015 I	0.00021 I	0.027
	3/2/2011	0.000073 U	0.0085 U	0.074	0.00082	0.00032 U	0.00050 U	0.0025 U	0.0031 I	0.000077 I	0.0012 I	0.0022 U	0.000059 U	0.00014 I	0.00033 I	0.037
	8/25/2011	NA	0.0013 U	0.085	0.0013	0.00011 J	NA	0.0028 J	0.0052	NA	0.0047 J	0.0010 U	NA	0.00050 U	0.0038 U	0.021
	3/14/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0034	NA	0.0039 J	NA	NA	NA	NA	NA
	8/23/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0041	NA	0.0026 J	NA	NA	NA	NA	NA
	3/13/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0028	NA	0.0034 J	NA	NA	NA	NA	NA

TABLE 5
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-7S-R	1/26/1999	<0.025*	<0.05*	<0.05*	<0.02*	<0.025*	<0.05*	<0.12*	**0.05**	<0.0002	<0.2*	<0.05*	<0.05*	**0.0029**	0.061	0.25
	5/9/2000	<0.005	**0.017**	0.017	**0.0047**	<0.005	0.012	<0.025	**0.036**	<0.0002	<0.04	<0.01	<0.01	<0.002	0.061	0.28
	11/12/2001	NA	NA	NA	0.0034	NA	NA	NA	**0.033**	<0.05	NA	NA	NA	NA	NA	NA
	12/23/2002	NA	NA	NA	<0.0040	NA	NA	NA	0.0094	NA	<0.04	NA	NA	NA	NA	NA
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	0.0098	NA	NA	NA	NA	NA	NA	NA
	11/8/2006	**0.0077 I**	<0.0038	0.0027	**0.0044**	**0.0066 V**	0.057 V	0.18 V	<0.0019	0.000021 I	**0.2**	<0.0043	0.002 I V	<0.0010	**0.047 V**	1.7 V
	9/1/2009	0.000087 I	0.0085 U	0.00028 U	**0.0079**	0.0028	0.078	0.11	0.0013 U	0.000014 U	**0.15**	0.0022 U	0.000059 U	0.000074 I	**0.032**	1.1
	3/2/2010	0.00047 I	0.0085 U	0.019	**0.0042**	0.0014	0.043	0.057	0.0013 U	0.000014 U	0.098	0.0044 U	0.00012 U	0.00015 I	0.015	0.66
	9/1/2010	0.00014 I	**0.017**	0.015	**0.0062**	0.0016	0.081	0.079	0.0013 U	0.000015 I	0.10	0.0022 U	0.000059 U	0.000094 I	**0.058**	0.68
Dissolved	9/1/2010	NA	**0.012**	NA	**0.0058**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/1/2011	0.00013 I,J4	**0.017**	0.042	**0.0041**	0.0014	0.048	0.061	0.0013 U	0.000014 U	**0.11**	0.0022 U,J4	0.000059 U,J4	0.000067 U,J4	**0.030**	0.68
Dissolved	3/1/2011	NA	**0.020**	NA	**0.0045**	NA	NA	NA	NA	NA	**0.12**	NA	NA	NA	NA	NA
	8/29/2011	NA	0.0076	0.0030 J	**0.011**	0.0035	NA	0.120	0.0013 J	NA	**0.190 B**	0.0020 J	NA	0.00050 U	0.084	1.200
Dissolved	8/29/2011	NA	0.0044	0.0030 J	**0.0096**	0.0031	NA	0.094	0.0014 J	NA	**0.160**	0.0083 B	NA	0.00050 U	0.075	0.940
	3/13/2012	NA	0.0034	NA	**0.0043**	NA	NA	NA	0.00057 J	NA	0.100	NA	NA	NA	NA	NA
	8/22/2012	NA	0.0018 J	NA	**0.0054**	NA	NA	NA	0.00044 J	NA	0.087	NA	NA	NA	NA	NA
Dissolved	8/22/2012	NA	0.0021 J	NA	**0.0053**	NA	NA	NA	0.00041 J	NA	0.091	NA	NA	NA	NA	NA
	3/12/2013	NA	0.0034	NA	**0.0045**	NA	NA	NA	0.0025	NA	**0.120**	NA	NA	NA	NA	NA
Dissolved	3/12/2013	NA	0.0034	NA	**0.0046**	NA	NA	NA	0.0023	NA	0.100	NA	NA	NA	NA	NA
MW-7I	5/8/2000	NA	<0.01	0.58	NA	<0.005	0.036	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/2001	NA	NA	NA	NA	NA	<0.010	NA	**0.026**	NA	NA	NA	NA	NA	NA	NA
	12/22/2002	NA	NA	NA	NA	NA	<0.010	NA	**0.035**	NA	NA	NA	NA	NA	NA	NA
	6/19/2003	NA	NA	NA	NA	NA	NA	NA	**0.042**	NA	NA	NA	NA	NA	NA	NA
	10/25/2006	NA	<0.0038	2.0	NA	0.0008 V	0.0011 I V	NA	**0.045**	0.00049	NA	<0.0043	<0.0006	NA	NA	NA
	8/26/2009	0.000073 U	0.0085 U	**2.4**	**0.0053**	0.00075	0.00053 I	0.016	**0.045**	0.00058	0.0095	0.0022 U	0.000059 U	0.000087 I	0.00049 I	0.13
	2/23/2010	0.00011 I	0.0085 U	0.36	0.00044	0.00032 U	0.0015 V,I	0.0025 U	0.0013 I	0.0016	0.0014 I	0.0022 U	0.00010 I	0.000067 U	0.0011 I	0.026
	8/25/2010	0.00016 I	0.0085 U	0.13	0.00013 U	0.00032 U	0.00050 U	0.0041	0.0013 U	0.00014	0.0011	0.0022 U	0.000059 U	0.000067 U	0.0023 V	0.0020 U
	2/23/2011	0.000073 U,J4	**0.019**	**2.5 J4**	**0.0053**	0.00034 I	0.00085 I	0.017	**0.052**	0.00066	0.0012	0.0022 U,J4	0.000059 U,J4	0.00039 J4	0.00054 I	0.13
	8/23/2011	NA	0.0085	**2.5**	**0.0064**	0.00078	NA	0.016	**0.067**	NA	0.015	0.016	NA	0.0005 U	0.0038 U	0.120
	3/14/2012	NA	0.0081	**2.1**	**0.0046**	NA	NA	NA	**0.049**	NA	0.012	NA	NA	NA	NA	NA
	8/23/2012	NA	0.0027	1.7	0.0040	NA	NA	NA	**0.043**	NA	0.0087	NA	NA	NA	NA	NA
	3/12/2013	NA	0.0089	**2.3**	**0.0047**	NA	NA	NA	**0.055**	NA	0.015	NA	NA	NA	NA	NA

TABLE 5
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-8S	1/26/1999	<0.005	<0.2*	<0.2*	<0.08*	<0.1*	<0.2*	<0.5*	**0.36**	<0.0002	<0.8*	<0.2*	<0.2*	**0.0021**	<0.2*	0.49
	5/9/2000	<0.005	<0.05*	<0.05*	<0.02*	<0.025*	<0.05*	<0.12*	**0.26**	<0.0002	<0.2*	<0.05*	<0.05*	<0.002	<0.05*	0.37
	11/13/2001	NA	NA	NA	**0.0056**	0.0031	NA	NA	**0.29**	NA	<0.05	NA	NA	NA	NA	NA
	12/23/2002	<0.10*	**0.084**	<0.050*	<0.020*	<0.025*	<0.050*	<0.10*	**0.31**	<0.0002	<0.20*	<0.050*	<0.050*	<0.50*	<0.050*	0.5
Dissolved	12/23/2002	<0.20*	<0.050*	<0.10*	<0.040*	<0.050*	<0.10*	<0.20*	**0.35**	NA	<0.40*	<0.10*	<0.10*	<0.10*	<0.10*	0.62
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	**0.3**	NA	NA	NA	NA	NA	NA	NA
MW-8I	3/2/2010	0.00015 U	0.0085 U	0.15	0.00081	0.00032 U	0.00050 U	0.0057	0.0034 I	0.000014 U	0.0033 I	0.0044 U	0.00012 U	0.00019 I	0.00059 I	0.042
	8/31/2010	0.00022 I	0.0085 U	0.15	0.0011	0.00032 U	0.00070 I	0.0064	0.011	0.000014 U	0.0014 I	0.0022 U	0.000059 U	0.00022	0.00022 I	0.16
	3/1/2011	0.000074 I	0.0085 U	0.085	0.00046	0.00032 U	0.00074 I	0.0025 U	0.0060 I	0.000066 I	0.0011 U	0.0022 U	0.000059 U	0.00016 I	0.0010 I	0.032
	8/25/2011	NA	0.0013 U	0.086	0.00057	0.000095 U	NA	0.0022 J	0.0060	NA	0.0034 J	0.0032 B	NA	0.00050 U	0.0038 U	0.018 J
	3/13/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0067	NA	0.0022 J	NA	NA	NA	NA	NA
	8/22/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.013	NA	0.0043 J	NA	NA	NA	NA	NA
	3/12/2013	NA	0.0013 J	NA	NA	NA	NA	NA	0.012	NA	0.0047 J	NA	NA	NA	NA	NA
MW-9S-R	1/26/1999	NA	<0.01	0.11	NA	<0.005	<0.01	NA	0.0084	<0.0002	NA	NA	<0.01	NA	NA	NA
	5/9/2000	NA	<0.01	0.13	NA	<0.005	<0.01	NA	0.0056	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/12/2001	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/23/2002	<0.006	<0.010	0.9	**0.0052**	<0.0050	<0.010	0.022	0.0097	NA	<0.04	<0.01	NA	<0.01	<0.01	1
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	0.0069	NA	NA	NA	NA	NA	NA	NA
	11/8/2006	NA	<0.0038	0.025	NA	**0.0096 V**	0.0068 V	NA	0.0059 I	<0.00002	NA	<0.0043	0.00092 I V	NA	NA	NA
	8/26/2009	0.000095 I	**0.029**	0.019	0.0040	0.0017	0.00050 U	0.0038 I	**0.020**	0.000014 U	0.026	0.0030 I	0.000059 U	0.000098 I	0.00049 I	1.4
	3/2/2010	0.00072 I	**0.095**	0.015	**0.0049**	0.0011	0.00050 U	0.0035 I	**0.033**	0.000014 U	0.02	0.033	0.00012 U	0.00041	0.00018 U	0.97
	9/1/2010	0.00013 I	**0.081**	0.018	0.0035	0.0007	0.0012 I	0.0048	**0.027**	0.000014 U	0.014	0.0036 I	0.000059 U	0.00031	0.00050 I	0.86
	3/1/2011	0.000087 I,J4	**0.075**	0.016	0.0032	0.00056 I	0.00050 U	0.0025 U	**0.027**	0.000014 U	0.013	0.0022 U,J4	0.000059 U,J4	0.00040 J4	0.00020 I	0.73
	8/29/2011	NA	**0.038**	0.017	0.0038	0.00080 J	NA	0.0049 J	**0.0370**	NA	0.017	**0.057**	NA	0.00050 U	0.0076 U	0.560
	3/13/2012	NA	**0.053**	NA	NA	NA	NA	NA	**0.0260**	NA	0.015	NA	NA	NA	NA	NA
	8/22/2012	NA	**0.055**	NA	NA	NA	NA	NA	**0.032**	NA	0.014	NA	NA	NA	NA	NA
	3/12/2013	NA	**0.049**	NA	NA	NA	NA	NA	**0.028**	NA	0.011	NA	NA	NA	NA	NA

TABLE 5
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-10S-R	1/26/1999	NA	<0.010	0.047	NA	<0.005	<0.01	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	5/9/2000	NA	<0.010	0.13	NA	<0.005	<0.01	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/2001	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/2002	<0.20*	<0.10*	1.7	**0.04**	<0.050*	<0.10*	0.16	<0.0050	NA	<0.04	<0.10*	NA	<0.10*	<0.10*	0.2
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/8/2006	NA	<0.0038	0.21	NA	0.00015 I V	0.0015 V	NA	<0.0019	<0.00002	NA	<0.0043	0.001 I V	NA	NA	NA
	8/27/2009	0.000099 I	0.0085 U	0.19	0.00037	0.00032 U	0.00073 V,I	0.0025 U	0.0013 U	0.000014 U	0.0014 I	0.0022 U	0.000059 U	0.000067 U	0.00031 I	0.0091 V,I
	3/3/2010	0.00018 I	0.0085 U	0.23	0.00038	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0044 U	0.00012 U	0.00013 U	0.00080 I	0.0088 I
	8/31/2010	0.00036 I	0.0085 U	0.16	0.00034	0.00032 U	0.00099 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000093 I	0.0013 I	0.0072 I
	3/1/2011	0.00012 I	0.0085 U	0.19	0.00037	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00043 I	0.015
	8/25/2011	NA	0.0013 U	0.160	0.00052	0.000095 U	NA	0.0011 U	0.00055 J	NA	0.0024 J	0.0010 U	NA	0.00050 U	0.0038 U	0.0083 U
	3/14/2012	NA	0.0025	NA	0.00025 J	0.000095 U	NA	NA	0.00020 J	NA	0.0026 J	NA	NA	NA	NA	NA
	8/22/2012	NA	0.0013 U	NA	0.00049 J	0.000095 U	NA	NA	0.00043 J	NA	0.0032 J	NA	NA	NA	NA	NA
	3/13/2013	NA	0.0013 U	NA	0.00026 J	0.000095 U	NA	NA	0.00029 J	NA	0.0023 J	NA	NA	NA	NA	NA
MW-10I	11/8/2006	NA	<0.0038	0.073	NA	<0.000051	0.0006 I V	NA	<0.0019	<0.00002	NA	<0.0043	0.0013 I V	NA	NA	NA
	8/27/2009	0.000073 U	0.0085 U	0.090	0.00013 U	0.00032 U	0.00078 V,I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00031 I	0.008 V,I
	3/3/2010	0.00034 I	0.0085 U	0.085	0.00013 U	0.00032 U	0.00050 U	0.0025 U	0.013	0.000014 U	0.0011 U	0.0044 U	0.00012 U	0.00013 U	0.00069 I	0.0072 I
	8/31/2010	0.000073 U	0.0085 U	0.11	0.00013 U	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00031 I	0.01
	3/1/2011	0.000087 I	0.0085 U	0.083	0.00013 U	0.00032 U	0.00072 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00076 I	0.015
	8/25/2011	NA	0.0013 U	0.091	0.00025 U	0.000095 U	NA	0.0011 U	0.00020 U	NA	0.0020 U	0.0010 U	NA	0.00050 U	0.0038 U	0.0083 U
	3/14/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	8/22/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00039 J	NA	0.0020 U	NA	NA	NA	NA	NA
	3/13/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA

TABLE 5
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-11S	3/4/1999	NA	<0.01	0.033	NA	<0.005	<0.01	NA	0.0077	<0.0002	NA	NA	<0.01	NA	NA	NA
	5/9/2000	NA	<0.01	0.084	NA	<0.005	<0.01	NA	**0.024**	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/2001	NA	NA	NA	NA	NA	NA	NA	0.014	NA	NA	NA	NA	NA	NA	NA
	12/23/2002	<0.20*	**0.1**	**2.8**	**0.04**	<0.050*	<0.10*	0.18	<0.0050	NA	<0.04	<0.10*	NA	<0.10*	<0.10*	0.87
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/24/2006	<0.0026	<0.0038	0.16	<0.000017	0.00034 V	0.00047 I V	0.0036 I V	<0.0019	<0.00002	0.0079	<0.0043	<0.0006	<0.0010	0.0019 I	0.0039 I
	8/27/2009	0.0014	0.0085 U	0.40	0.00013 U	0.00032 U	0.0005 U	0.0025 U	0.0013 U	0.000014 U	0.0038 I	0.0022 U	0.000059 U	0.000067 U	0.0096	0.0020 U
	3/3/2010	0.0039	0.0085 U	0.068	0.00013 U	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0044 U	0.00012 U	0.00013 U	0.0041	0.022
	8/31/2010	0.00079	**0.011**	0.22	0.00013 U	0.00032 U	0.0010 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0034	0.0020 U
Dissolved	8/31/2010	NA	0.0085 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/1/2011	0.0012	0.010	0.16	0.00013 U	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0012 I	0.0022 U	0.000059 U	0.000067 U	0.0012 I	0.0042 I
	8/25/2011	NA	0.0029	0.390	0.00025 U	0.000095 U	NA	0.0011 U	0.00020 U	NA	0.0020 U	0.0010 U	NA	0.00050 U	0.0038 U	0.0083 U
Dissolved	8/25/2011	NA	0.0094	**3.000**	**0.0066**	0.0010	NA	0.026	**0.083**	NA	0.020	0.0015 J	NA	0.0012	0.0038 U	0.130
	3/13/2012	NA	0.0031	NA	NA	NA	NA	NA	0.00020 U	NA	0.0025 J	NA	NA	NA	NA	NA
	8/22/2012	NA	0.0060	NA	NA	NA	NA	NA	0.00050 J	NA	0.0024 J	NA	NA	NA	NA	NA
Dissolved	8/22/2012	NA	0.0053	NA	NA	NA	NA	NA	0.00020 U	NA	0.0035 J	NA	NA	NA	NA	NA
	3/13/2013	NA	0.0033	NA	NA	NA	NA	NA	0.00020 U	NA	0.016	NA	NA	NA	NA	NA
MW-12S	5/9/2000	<0.005	**0.04**	1.2	**0.012**	<0.005	<0.01	0.055	**0.047**	0.0007	0.05	<0.01	<0.01	**0.0023**	<0.01	0.21
	11/13/2001	NA	NA	**4.9**	**0.011**	NA	<0.010	NA	**0.19**	NA	NA	NA	<0.5	<0.501	NA	NA
	12/22/2002	<0.20*	<0.10*	1.7	**0.04**	<0.050*	<0.10*	0.16	**0.087**	0.0017	<0.40*	<0.10*	<0.10*	<0.10*	<0.10*	0.87
	6/19/2003	NA	**0.11**	NA	<0.04	NA	NA	NA	**0.086**	0.0017	<0.2	NA	NA	<0.004	NA	NA
Dissolved	6/19/2003	<0.006	**0.089**	1.3	**0.023**	<0.025	<0.05	0.15	**0.049**	0.0016	**0.13**	<0.05	<0.05	<0.004	<0.05	NA
	10/24/2006	<0.0026	<0.0038	0.38	0.0012	0.00027 V	0.00094 I V	0.0068 V	0.004 I	0.00048	0.002 I	<0.0043	<0.0006	<0.0010	0.00064 I	0.032
	8/25/2009	0.00024 I	0.00036 U	**7.1**	**0.031**	**0.054**	0.0016 I	0.34	**0.24**	**0.0024**	**0.260**	**0.190**	0.00018 I	0.00022	0.0017 U	1.3
Dissolved	8/25/2009	NA	**NA**	**7.6**	**0.041**	**0.0054**	NA	NA	**0.25**	0.00003 I	**0.250**	NA	NA	NA	NA	NA
	2/23/2010	0.00011 I	**0.38**	**3.3**	**0.033**	**0.0062**	0.00050 U	0.35	**0.19**	0.0017	**0.20**	**0.14**	0.00029 I	**0.0028**	0.0036	1.50
Dissolved	2/23/2010	NA	**0.22**	0.79	**0.021**	0.0039	NA	NA	**0.054**	NA	**0.14**	0.014	NA	**0.0021**	NA	NA
	8/25/2010	0.00017 I	**0.18**	0.76	**0.02**	0.0031	0.00076 I	0.21	**0.068**	0.0018	**0.13**	0.022	0.00018 I	**0.003**	0.00018 U	0.76
	2/23/2011	0.0011 I,J4	**0.44**	1.8 J4	**0.040**	0.0036	0.00099 U	0.40	**0.140**	**0.0021**	**0.24**	0.022 U,J4	0.00059 U J4	**0.0027 J4**	0.00068 I	1.3
	8/26/2011	NA	**0.130**	0.590	**0.035**	0.0037 J	NA	0.200	**0.060**	NA	**0.180**	**0.210 B**	NA	**0.0023**	0.076 U	0.760
	3/15/2012	NA	**0.100**	0.710	**0.034**	**0.0058 J**	NA	0.320	**0.062**	NA	**0.240**	**0.17**	NA	**0.0027**	NA	1.2
	8/23/2012	NA	**0.160**	1.3	**0.041**	**0.0067**	NA	0.340	**0.051**	NA	**0.240**	0.023	NA	0.0015	NA	1.4
	3/13/2013	NA	**0.210**	1.3	**0.035**	0.0050	NA	0.260	**0.085**	NA	**0.180**	**0.054**	NA	0.0014	NA	1.1

TABLE 5
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-12I	3/4/1999	NA	<0.01	0.36	NA	<0.005	<0.01	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	5/9/2000	NA	<0.01	0.38	NA	<0.005	<0.01	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/2001	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/2002	NA	NA	NA	NA	NA	NA	NA	0.0053	NA	NA	NA	NA	NA	NA	NA
	6/19/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/24/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/25/2009	0.000079 I	0.0085 U	0.55	0.0018	0.00032 U	0.00051 I	0.0072	0.0019 I	0.00081	0.0088	0.0022 U	0.000059 U	0.000067 U	0.00024 I	0.048
	2/23/2010	0.00010 I	0.0085 U	0.050	0.0015	0.00032 U	0.0014 V,I	0.0087	0.0027 I	0.0011	0.0095	0.0022 U	0.000059 U	0.0002	0.0016	0.082
	8/25/2010	0.000073 U	0.0085 U	0.59	0.0018	0.00032 U	0.00050 U	0.007	0.0063 I	0.00086	0.0062 I	0.0022 U	0.000059 U	0.00026	0.0021 V	0.046
	2/23/2011	0.000073 U	0.0085 U	0.59	0.0017	0.00032 U	0.00057 I	0.0065	0.0035 I	0.00088	0.0056 I	0.0022 U	0.000059 U	0.00028	0.00030 I	0.050
	8/26/2011	NA	0.0013 U	0.550	0.0020	0.000095 U	NA	0.0052	0.0062	NA	0.0075	0.0010 U	NA	0.00050 U	0.0038 U	0.037
	3/15/2012	NA	0.0013 U	0.550	0.0013	NA	NA	NA	0.0064	NA	0.0066	NA	NA	NA	NA	NA
	8/23/2012	NA	0.0013 U	0.510	0.0015	NA	NA	NA	0.0059	NA	0.0067	NA	NA	NA	NA	NA
	3/13/2013	NA	0.0013 U	0.460	0.0015	NA	NA	NA	0.0054	NA	0.0077	NA	NA	NA	NA	NA
MW-13S-R	5/9/2000	NA	<0.01	0.17	NA	<0.005	<0.01	NA	0.0096	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/2001	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/2002	<0.02	<0.01	<0.01	<0.004	<0.005	<0.01	<0.02	<0.005	NA	<0.04	<0.01	NA	<0.002	<0.01	0.86
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/8/2006	NA	<0.0038	0.46	NA	<0.000051 V	0.0045 V	NA	<0.0019	<0.00002	NA	<0.0043	0.0016 I V	NA	NA	NA
	8/26/2009	0.00034 I	0.0085 U	0.066	0.00013 U	0.00032 U	0.0005 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000093 I	0.0003 I	0.011 V
	3/2/2010	0.00022 I	0.0085 U	0.19	0.00013 U	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0044 U	0.00012 U	0.00013 U	0.00052 I	0.0033 I
	9/1/2010	0.000073 U	0.0085 U	0.07	0.00013 U	0.00032 U	0.00066 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.00016 I	0.00040 I	0.0075 I
	3/1/2011	0.00039 I	0.0085 U	0.037	0.00013 U	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.00036	0.00018 U	0.017
	8/29/2011	NA	0.0013 U	0.036	0.00025 U	0.00014 J	NA	0.0011 U	0.00020 U	NA	0.0026 J	0.0022 J	NA	0.00050 U	0.0038 U	0.0083 U
	3/13/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0023 J	NA	NA	NA	NA	NA
	8/22/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0010 J	NA	0.0035 J	NA	NA	NA	NA	NA
Dissolved	8/22/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0030 J	NA	NA	NA	NA	NA
	3/13/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0029 J	NA	NA	NA	NA	NA
MW-13I	6/20/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/25/2006	NA	<0.0038	0.064	NA	0.000088 I V	0.0084 V	NA	<0.0019	<0.00002	NA	<0.0043	<0.0006	NA	NA	NA
	8/25/2009	0.00014 I	0.0085 U	0.061	0.00013 U	0.00032 U	0.0053	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0068	0.012
	2/23/2010	0.00020 I	0.0085 U	0.11	0.00013 U	0.00032 U	0.0044 V	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0067	0.0075 I
	8/24/2010	0.00012 I	0.0085 U	0.039	0.00013 U	0.00032 U	0.0046	0.0028 I	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 I	0.000067 U	0.010 V	0.011
	2/22/2011	0.00017 I	0.0085 U	0.071	0.00013 U	0.00032 U	0.0044	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0085	0.016
	8/23/2011	NA	0.0013 U	0.088	0.00025 U	0.000095 U	NA	0.0011 U	0.00020 U	NA	0.0020 U	0.0010 U	NA	0.00050 U	0.0085 J	0.0083 U
	3/14/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.002 U	NA	NA	NA	NA	NA
	8/23/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00024 J	NA	0.0020 U	NA	NA	NA	NA	NA
	3/13/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA

TABLE 5
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-14S	5/9/2000	NA	<0.01	0.071	NA	<0.005	<0.01	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/2001	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/2002	NA	NA	NA	NA	NA	NA	NA	<0.025*	NA	NA	NA	NA	NA	NA	NA
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
MW-15S	5/8/2000	<0.005	**0.024**	0.13	**0.0059**	<0.005	0.024	<0.025	0.015	<0.0002	<0.04	<0.01	<0.01	<0.002	<0.01	0.22
	11/13/2001	NA	**0.028**	NA	0.0024	NA	NA	NA	**0.021**	NA	NA	NA	NA	NA	NA	NA
	12/22/2002	<0.006	**0.012**	0.22	<0.0040	<0.005	<0.01	<0.020	**0.016**	0.00047	<0.04	<0.01	<0.01	<0.002	<0.01	0.2
	6/19/2003	NA	NA	NA	NA	NA	NA	NA	**0.018**	NA	NA	NA	NA	NA	NA	NA
	10/25/2006	<0.0026	**0.025**	0.10	0.0039	0.0014 V	0.001 I V	0.043 V	**0.025**	0.00018	0.027	<0.0043	<0.0006	<0.0010	0.0028	0.35
	8/25/2009	0.00010 I	**0.028**	0.073	**0.0042**	0.0012	0.00072 I	0.041	**0.021**	0.00017	0.029	0.0022 U	0.000059 U	0.00016 I	0.00092 I	0.37
	2/23/2010	0.000096 I	**0.045**	0.059	**0.0042**	0.00120	0.00097 V,I	0.042	**0.023**	0.00041	0.0340	0.025	0.000059 U	0.0004	0.00018 U	0.38
	8/25/2010	0.00028 I	**0.045**	0.069	0.004	0.0012	0.00078 I	0.039	**0.030**	0.00023	0.027	0.0037 I	0.000059 U	0.00043	0.0025 V	0.39
	2/23/2011	0.000073 U,J4	**0.060**	0.058 J4	0.0039	0.00078	0.00070 I	0.038	**0.025**	0.00016	0.030	0.0022 U,J4	0.000059 U,J4	0.00044 J4	0.00018 U	0.37
	8/24/2011	NA	**0.033**	0.063	**0.0048**	0.0011	NA	0.030	**0.031**	NA	0.032	**0.072**	NA	0.00050 U	0.0076 U	0.330
	3/14/2012	NA	**0.013**	NA	0.0040	NA	NA	NA	**0.033**	NA	0.030	NA	NA	NA	NA	NA
	8/23/2012	NA	**0.066**	NA	**0.0047**	NA	NA	NA	**0.028**	NA	0.044	NA	NA	NA	NA	NA
	3/13/2013	NA	**0.044**	NA	**0.0043**	NA	NA	NA	**0.027**	NA	0.039	NA	NA	NA	NA	NA
MW-16S	8/7/2000	NA	<0.01	1.8	NA	<0.005	<0.01	NA	**0.02**	NA	NA	NA	NA	NA	NA	NA
	11/13/2001	NA	NA	0.95	NA	NA	NA	NA	**0.075**	NA	NA	NA	NA	NA	NA	0.33
	12/22/2002	<0.006	<0.01	0.9	**0.0052**	<0.005	<0.01	0.022	**0.054**	<0.0002	<0.04	<0.01	<0.01	<0.002	<0.01	0.2
	6/20/2003	NA	NA	NA	**0.0044**	NA	NA	0.021	**0.046**	NA	NA	NA	NA	NA	NA	NA
MW-17S	8/8/2000	NA	**0.15**	0.022	NA	**0.15**	0.016	NA	<0.0050	NA	NA	NA	NA	NA	NA	NA
	11/13/2001	NA	**0.3**	NA	NA	**0.1**	0.029	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/2002	NA	**0.6**	NA	NA	**0.14**	**0.12**	NA	0.011	NA	NA	NA	NA	NA	NA	NA
	6/19/2003	NA	**0.88**	NA	NA	**0.18**	**0.12**	NA	0.011	NA	NA	NA	NA	NA	NA	NA

TABLE 5
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-18S	8/8/2000	NA	<0.01	0.52	NA	<0.005	<0.01	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/14/2001	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/2002	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	6/19/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/25/2006	NA	<0.0038	0.65	NA	0.00047 V	0.0021 V	NA	0.0028 I	0.00024	NA	<0.0043	<0.0006	NA	NA	NA
	8/31/2009	0.00047 I	0.0085 U	0.31	0.0012	0.00032 U	0.0013 I	0.0033 I	0.0013 U	0.000039 I	0.0038 I	0.0022 U	0.000059 U	0.00022	0.0018	0.084
	2/25/2010	0.00023 I	0.0085 U	0.24	0.00095	0.00074	0.0020 V,I	0.0031 I	0.0013 U	0.00014	0.0083	0.0022 U	0.000059 U	0.0003	0.0016	0.49
	8/26/2010	0.00012 I	0.0085 U	0.11	0.00067	0.00032 U	0.00053 I	0.0031 I	0.0013 U	0.000049 I	0.0037 I	0.0022 U	0.000059 U	0.00018 I	0.0034	0.38
	2/24/2011	0.00055 I	0.0085 U	0.24	0.00083	0.00062	0.0011 I	0.0026 I	0.0013 U	0.00015	0.0067	0.0022 U	0.000059 U	0.00019 I	0.0018	0.35
	8/29/2011	NA	0.0015 J	0.032	0.00025 U	0.000095 U	NA	0.0011 U	0.00020 U	NA	0.0033 J	0.0012 J,B	NA	0.00050 U	0.0038 U	0.024
	3/16/2012	NA	0.0013 J	0.280	0.00120	0.00024 J	NA	0.0012 J	0.00020 U	NA	0.0130	NA	NA	0.00050 U	NA	0.081
	8/23/2012	NA	0.0013 U	0.130	0.00058	0.000095 U	NA	0.0013 J	0.00027 J	NA	0.0064	NA	NA	0.00050 U	NA	0.039
	3/14/2013	NA	0.0016 J	0.360	0.0018	0.00036 J	NA	0.0014 J	0.00020 U	NA	0.015	NA	NA	0.00050 U	NA	0.100
MW-19S	8/8/2000	NA	**0.08**	0.039	NA	**0.044**	<0.01	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/13/2001	NA	**0.072**	NA	NA	**0.048**	NA	NA	**0.02**	NA	NA	NA	NA	NA	NA	NA
	12/22/2002	<0.006	**0.035**	0.026	<0.004	**0.045**	<0.010	0.34	0.012	<0.0002	**0.2**	0.016	<0.01	<0.002	<0.01	**22**
	6/19/2003	NA	**0.039**	NA	NA	**0.031**	NA	0.2	0.011	NA	**0.15**	0.014	NA	NA	NA	**15**
	10/25/2006	0.0031 I	0.0089 I	0.013	0.0011	**0.019 V**	<0.0003 V	0.24 V	<0.0019	0.00003 I	0.082	<0.0043	0.003	<0.0010	**0.022**	**9.2**
Dissolved	10/25/2006	NA	NA	NA	NA	**0.0190**	NA	0.25 V	NA	NA	0.085	NA	NA	NA	**0.022**	**9.6 V**
	8/31/2009	0.0014	0.0085 U	0.0031	0.00013 U	**0.37**	0.0014 I	0.13	0.0013 U	0.000014 U	0.058	0.0044 I	0.00035	0.0012	**0.020**	**2.2**
	2/24/2010	0.0012	0.0085 U	0.015	0.00039	**0.013**	0.0094 V	0.19	0.0013 U	0.000014 U	0.078	0.0042 I	0.00084	0.00075	**0.026**	**7.9**
	8/25/2010	0.00062	**0.033**	0.015	0.00032	**0.012**	0.0034 I	0.13	0.0013 U	0.000014 U	0.06	0.0056	0.00027 I	0.0014	0.015 V	**5.3**
	2/23/2011	0.00080	**0.044**	0.0069	0.00025 I	**0.0085**	0.0025 I	0.15	0.0013 U	0.000014 U	0.062	0.0022 U	0.00019 I	0.00078	0.014	**5.2**
	8/30/2011	NA	**0.025**	0.0042 J	0.00036 J	**0.011**	NA	0.170	0.00020 J	NA	0.068	0.0023 J, B	NA	0.00080 J	0.019	**5.0**
	3/15/2012	NA	**0.018**	NA	NA	**0.0069**	NA	NA	0.00020 U	NA	0.046	NA	NA	NA	NA	**4.3**
	8/25/2012	NA	**0.024**	NA	NA	**0.0069**	NA	NA	0.0017	NA	0.054	NA	NA	NA	NA	**3.9**
	3/14/2013	NA	**0.015**	NA	NA	**0.0080**	NA	NA	0.00020 U	NA	0.055	NA	NA	NA	NA	**5.6**

TABLE 5
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-20S	8/8/2000	NA	**0.62**	0.26	NA	<0.005	<0.01	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/13/2001	NA	<0.010	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/21/2002	NA	<0.010	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	6/19/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/7/2006	NA	<0.0038	0.26	NA	0.00017 I V	0.00092 I V	NA	<0.0019	<0.00002	NA	<0.0043	0.0011 I V	NA	NA	NA
Dissolved	11/7/2006	NA	<0.0038	0.25	NA	0.00013 I V	0.0003	NA	<0.0019	<0.00002	NA	<0.0043	0.0012 I V	NA	NA	NA
	8/28/2009	0.0001 I	0.0085 U	0.24	0.00013 U	0.00032 U	0.00058 V,I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0011 I	0.0020 U
	2/25/2010	0.000074 I	0.0085 U	0.23	0.00013 U	0.00032 U	0.00057 V,I	0.0025 U	0.0013 U	0.000014 U	0.0017 I	0.0022 U	0.000059 U	0.000067 U	0.00028 I	0.0020 U
	8/25/2010	0.00072	0.0085 U	0.20	0.00013 U	0.00032 U	0.0021 I	0.0028 I	0.0014 I	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.007	0.0020 U
	2/28/2011	0.00023 I	0.0085 U	0.23	0.00013 U	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00047 I	0.0044 I
	8/30/2011	NA	0.0013 U	0.210	0.00025 U	0.000095 U	NA	0.0067	0.00036 J	NA	0.0037 J	0.0015 J, B	NA	0.00050 U	0.0038 U	0.021
	3/15/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	8/25/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	3/14/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
MW-21S	12/23/2002	<0.006	<0.01	0.17	<0.004	<0.005	0.012	0.021	0.012	NA	<0.04	<0.01	NA	<0.002	0.034	0.038
Dissolved	12/23/2002	NA	NA	0.14	NA	NA	NA	NA	<0.0050	NA	NA	NA	NA	NA	NA	NA
	6/20/2003	NA	NA	NA	NA	NA	NA	0.016	**0.028**	NA	NA	NA	NA	NA	0.03	NA
Dissolved	6/20/2003	NA	NA	NA	NA	NA	NA	<0.014	<0.005	NA	NA	NA	NA	NA	<0.01	NA
	10/25/2006	NA	<0.0038	0.18	NA	**0.0095 V**	0.0013 V	NA	<0.0019	<0.00002	NA	<0.0043	<0.0006	NA	NA	NA
Dissolved	10/25/2006	NA	NA	NA	NA	**0.0090**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/28/2009	**0.019 V,I**	0.0085 U	0.065	**0.0042**	**0.0074**	0.0011 V,I	0.013	0.0013 U	0.000014 U	0.055	0.0068 U	0.00080 I	0.00024	0.0051	1.1
Dissolved	8/28/2009	0.00065	NA	NA	0.0022	**0.0072**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/24/2010	0.00081	0.0085 U	0.07	**0.0053**	**0.006**	0.0032 V,I	0.011	0.0013 U	0.000014 U	0.052	0.013	0.000059 U	0.00042	0.0067	1.20
Dissolved	2/24/2010	NA	NA	NA	0.0022	**0.0058**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/24/2010	0.00086	**0.012**	0.058	0.0022	0.0046	0.00085 I	0.010	0.0013 U	0.000014 U	0.046	0.0053	0.000059 U	0.00041	0.0059 V	0.86
	2/23/2011	0.00065	**0.019**	0.044	0.00088	0.0022	0.00050 U	0.0079	0.0013 U	0.000014 U	0.027	0.0022 U	0.000059 U	0.00024	0.0023	0.47
	8/26/2011	NA	0.0017 J	0.035	0.00025 U	0.00074	NA	0.0095	0.00020 U	NA	0.0094	0.0019 J	NA	0.00050 U	0.0038 U	0.120
	3/16/2012	NA	0.0018 J	NA	0.00074	0.00170	NA	NA	0.00020 U	NA	0.0270	NA	NA	NA	NA	NA
	8/21/2012	NA	0.0019 J	NA	0.0010	0.0016	NA	NA	0.00020 U	NA	0.030	NA	NA	NA	NA	NA
	3/18/2013	NA	0.0018 J	NA	0.00085	0.0013	NA	NA	0.00022 J	NA	0.028	NA	NA	NA	NA	NA

TABLE 5
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-22S	12/22/2002	<0.10*	**0.075**	0.37	<0.004	<0.025*	0.059	0.24	<0.005	NA	<0.04	<0.050*	NA	<0.050*	0.14	1.8
	6/20/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/27/2006	<0.0034	<0.0038	0.15 V	0.00033	<0.000051	0.00057 I V	<0.00096	<0.0019	<0.00002	0.0058 I V	<0.0043	0.0011 I V	<0.0010	0.00093 I	0.026 V
	8/31/2009	0.000084 I	0.0085 U	0.11	0.00018 I	0.00032 U	0.0005 U	0.0025 U	0.0013 U	0.000014 U	0.0036 I	0.0022 U	0.000059 U	0.000067 U	0.00079 I	0.037
	2/25/2010	0.00034 I	0.0085 U	0.11	0.00013 U	0.00032 U	0.00070 V,I	0.0025 U	0.0013 U	0.000014 U	0.0048 I	0.0022 U	0.000059 U	0.000079 I	0.00066 I	**0,016**
	8/26/2010	0.000094 I	0.0085 U	0.097	0.00013 U	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0044 I	0.0022 U	0.000059 U	0.000067 U	0.0018	0.011
	2/24/2011	0.00038 I	0.0085 U	0.150	0.00013 U	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0025 I	0.0022 U	0.000059 U	0.000067 U	0.0017	0.018
	8/30/2011	NA	0.0013 U	0.150	0.00025 U	0.000095 U	NA	0.0011 U	0.00020 U	NA	0.0039 J	0.0022 J	NA	0.00050 U	0.0038 U	0.0083 U
	3/16/2012	NA	0.0013 J	NA	NA	NA	NA	NA	0.00020 U	NA	0.0043 J	NA	NA	NA	NA	NA
	8/24/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0053	NA	NA	NA	NA	NA
	3/19/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0040 J	NA	NA	NA	NA	NA
MW-23S	12/23/2002	<0.10*	<0.010	0.46	<0.004	<0.025*	0.068	0.29	0.0065	NA	<0.04	<0.050*	NA	<0.050*	0.15	1.7
	6/20/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/27/2006	<0.0034	<0.0038	0.37 V	0.0022	0.00015 I V	0.00097 I V	0.0044	0.0053 I V	<0.00002	0.0072 V	<0.0043	0.00082 I	<0.0010	<0.00055	0.042 V
	8/31/2009	0.000073 U	0.0085 U	0.34	0.0020	0.00032 U	0.0012 I	0.0052	0.0044 I	0.000014 U	0.0034 I	0.0022 U	0.000059 U	0.00018 I	0.00020 I	0.030
	3/1/2010	0.00015 U	0.0085 U	0.32	0.0022	0.00032 U	0.0011 I	0.0057	0.0045 I	0.000014 U	0.0031 I	0.0044 U	0.00012 U	0.00017 I	0.00071 I	0.029
	8/26/2010	0.000073 U	0.0085 U	0.31	0.0017	0.00032 U	0.00050 U	0.0066	0.0050 I	0.000015 I	0.0025 I	0.0022 U	0.000059 U	0.00015 I	0.0011 I	0.023
	2/24/2011	0.000073 U	0.0085 U	0.33	0.0022	0.00032 U	0.00072 I	0.0037 I	0.0028 I	0.000014 U	0.0053 I	0.0022 U	0.000059 U	0.00014 I	0.00018 U	0.035
	8/31/2011	NA	0.0013 U	0.330	0.0017	0.00011 J	NA	0.0049 J	0.0045	NA	0.0062	0.0018 J	NA	0.00050 U	0.0038 U	0.022
	3/16/2012	NA	0.0013 U	0.280	0.00091	0.00011 J	NA	NA	0.0016	NA	0.0046 J	NA	NA	0.00050 U	NA	0.033
	8/26/2012	NA	0.0013 U	0.340	0.0023	0.00012 J	NA	NA	0.0043	NA	0.0063	NA	NA	0.00050 U	NA	0.025
	3/19/2013	NA	0.0013 U	0.300	0.0016	0.00013 J	NA	NA	0.0030	NA	0.0061	NA	NA	0.00050 U	NA	0.037

TABLE 5
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-24S	12/21/2002	<0.006	**0.035**	0.18	<0.004	**0.049**	<0.01	0.32	<0.005	NA	<0.04	0.016	NA	<0.002	<0.010	**22**
	6/19/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/26/2006	NA	<0.0038	0.14	NA	0.00014 I V	0.0027 V	NA	0.0044 I	<0.00002	NA	<0.0043	<0.0006	NA	NA	NA
	9/1/2009	0.000073 U	0.0085 U	0.15	0.00066	0.00032 U	0.0026 I	0.0025 I	0.0019 I	0.000014 U	0.0019 I	0.0022 U	0.000059 U	0.000067 U	0.00018 U	0.017
	2/26/2010	0.000073 U	0.0085 U	0.19	0.00078	0.00032 U	0.0024 V,I	0.0030 I	0.0041 I	0.000014 U	0.0026 I	0.0022 U	0.000059 U	0.000088 I	0.00018 U	0.021
	8/27/2010	0.000081 I	0.0085 U	0.14	0.00055	0.00032 U	0.0019 I	0.0045	0.0039 I	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0013 I	0.023
	2/28/2011	0.000095 I	0.0085 U	0.13	0.00063	0.00032 U	0.0026 I	0.0025 U	0.0022 I	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000092 I	0.00038 I	0.025
	8/26/2011	NA	0.0013 U	0.130	0.00071	0.000095 U	NA	0.0026 J	0.0030	NA	0.0052	0.0020 J	NA	0.00050 U	0.0038 U	0.014 J
	3/19/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0034	NA	0.004 J	NA	NA	NA	NA	NA
	8/25/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0034	NA	0.0040 J	NA	NA	NA	NA	NA
	3/19/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0026	NA	0.0046 J	NA	NA	NA	NA	NA
MW-25S	12/21/2002	<0.40*	<0.20*	0.25	**0.47**	<0.10*	<0.20*	<0.40*	<0.005	NA	**0.68**	<0.20*	NA	<0.20*	**0.22**	1.4
	6/19/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/27/2006	<0.0034	<0.0038	0.15 V	0.00094	<0.000051	0.0011 I V	<0.00096	<0.0019	0.000022 I	0.006 I V	<0.0043	<0.0006	<0.0010 J4	0.0012 I	0.022 V
	8/31/2009	0.000073 U	0.0085 U	0.10	0.00078	0.00032 U	0.00093 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000091 I	0.0018	0.013
	2/25/2010	0.000073 U	0.0085 U	0.19	0.00082	0.00032 U	0.00084 V,I	0.0025 U	0.0013 U	0.000014 U	0.0019 I	0.0022 U	0.000059 U	0.000067 U	0.00018 U	0.029
	8/25/2010	0.000073 U	0.0085 U	0.093	0.00073	0.00032 U	0.0013 I	0.0029 I	0.0031 I	0.000020 I	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0048	0.019
	2/28/2011	0.000093 I	0.0085 U	0.130	0.00055	0.00032 U	0.0027 I	0.0025 U	0.0023 I	0.000029 I	0.0011 U	0.0022 U	0.000059 U	0.00021	0.0018	0.015
	8/31/2011	NA	0.0022 J	0.160	0.0011	0.000095 U	NA	0.0032 J	**0.019**	NA	0.0030 J	0.0021 J	NA	0.00050 U	0.0079 J	0.034
	3/16/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00043 J	NA	0.0065	NA	NA	NA	NA	NA
	8/24/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00058 J	NA	0.0034 J	NA	NA	NA	NA	NA
	3/20/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0017	NA	0.012	NA	NA	NA	NA	NA
MW-26S	12/21/2002	<0.006	<0.01	0.3	<0.004	<0.005	<0.01	<0.02	<0.005	NA	<0.04	<0.01	NA	<0.002	<0.01	0.2
	6/19/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/7/2006	<0.0026	<0.0038	0.15	0.00023	0.000096	0.00032 I V	0.0055 V	0.0044 I V	<0.00002	<0.0016	<0.0043	0.0011 I V	0.0013 I	<0.00055	0.017 V
	8/28/2009	0.000073 U	0.0085 U	0.10	0.00013 I	0.00032 U	0.00082 V,I	0.0025 U	0.0034 I	0.000018 I	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00028 I	0.012
	2/25/2010	0.000074 I	0.0085 U	0.098	0.00013 U	0.00032 U	0.00074 V,I	0.0025 U	0.0021 I	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00018 U	0.0077 I
	8/25/2010	0.00035 I	0.0085 U	0.098	0.00013 U	0.00032 U	0.00050 U	0.0032 I	0.0051 I	0.000047 I	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0013 I	0.0064 I
	2/28/2011	0.00042 I	0.0085 U	0.11	0.00013 U	0.00032 U	0.00050 I	0.0025 U	0.0025 I	0.000055 I	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00034 I	0.016
	8/30/2011	NA	0.0013 U	0.092	0.00025 U	0.000095 U	NA	0.0015 J	0.0038	NA	0.0023 J	0.0015 J, B	NA	0.00050 U	0.0038 U	0.0083 U
	3/15/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0025	NA	0.002 U	NA	NA	NA	NA	NA
	8/25/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0060	NA	0.0020 U	NA	NA	NA	NA	NA
	3/14/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0021	NA	0.0027 J	NA	NA	NA	NA	NA

TABLE 5
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-27S-R	12/22/2002	<0.80*	<0.01	<0.40*	<0.16*	<0.20*	<0.40*	**1.8**	<0.005	NA	<1.6*	<0.40*	NA	<0.40*	<0.40*	**2.5**
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/8/2006	NA	<0.0038	0.09	NA	0.00011 I V	0.00082 I V	NA	<0.0019	<0.00002	NA	<0.0043	0.0013 I V	NA	NA	NA
	8/26/2009	0.00037 I	0.0085 U	0.16	0.00013 U	0.00032 U	0.0005 U	0.0025 U	0.0013 U	0.000014 U	0.0017 I	0.0022 U	0.000059 U	0.000067 U	0.0014 I	0.002 U
	3/3/2010	0.00072 I	0.0085 U	0.084	0.00013 U	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0020 I	0.0044 U	0.00012 U	0.00013 U	0.0010 U	0.0037 I
	9/1/2010	0.00042 I	0.0085 U	0.14	0.00018 I	0.00032 U	0.00098 I	0.0034 I	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0013 I	0.0020 U
	3/1/2011	0.00	**0.015**	0.11	0.00014 I	0.00032 U	0.00050 U	0.0030 I	0.0013 U	0.000014 U	0.022	0.0022 U	0.000070 I	0.000067 U	0.00071 I	0.23
	8/29/2011	NA	0.0014 J	0.150	0.00025 U	0.000095 U	NA	0.0011 U	0.00020 U	NA	0.0032 J	0.0013 J	NA	0.00050 U	0.0038 U	0.0083 U
	3/13/2012	NA	0.0052	NA	NA	NA	NA	NA	0.0011 J	NA	0.0350	NA	NA	NA	NA	NA
	8/22/2012	NA	0.0042	NA	NA	NA	NA	NA	0.0022	NA	0.021	NA	NA	NA	NA	NA
	3/13/2013	NA	0.0026	NA	NA	NA	NA	NA	0.00071 J	NA	0.021	NA	NA	NA	NA	NA
MW-28S	12/22/2002	NA	<0.010	**10**	NA	NA	NA	NA	**0.043**	NA	NA	NA	NA	NA	NA	NA
	6/20/2003	NA	NA	**8.3**	NA	NA	NA	NA	**0.045**	NA	NA	NA	NA	NA	NA	NA
	8/25/2009	0.00082	0.0085 U	0.043	0.00036	0.00041 I	0.00050 U	0.014	0.0013 U	0.000014 U	0.0019 I	0.0065	0.000059 U	0.000067 U	**0.036**	0.11
	3/8/2010	0.0015	0.0085 U	1.5	**0.0047**	0.00080 U	0.00050 U	0.02	0.0013 U	0.000055 I	0.015	0.032 J4	0.00012 U	0.00040 I	0.0075	0.19
	8/24/2010	0.00049 I	0.0085 U	1.0	**0.0062**	0.00091	0.00050 U	0.024	0.0013 U	0.000052 I	0.016	0.0030 I	0.000059 U	0.00061	0.0095 V	0.24
	2/22/2011	0.00020 I	0.010	**2.5 J4**	**0.0076**	0.00043 I	0.00050 U	0.023	0.0013 U	0.00014	0.020	0.0022 U	0.000059 U	0.00062	0.0051	0.20
	8/23/2011	NA	0.0021 J	0.210	0.0039	0.00070	NA	0.018	0.00038 J	NA	0.016	0.020	NA	0.00058 J	0.0095 J	0.110
	3/14/2012	NA	0.0013 J	1.500	**0.0058**	NA	NA	NA	0.0019	NA	0.020	NA	NA	NA	NA	NA
	8/21/2012	NA	0.0021 J	1.400	**0.0050**	NA	NA	NA	0.00081 J	NA	0.022	NA	NA	NA	NA	NA
	3/14/2013	NA	0.0021 J	0.300	0.0012	NA	NA	NA	0.0031	NA	0.010	NA	NA	NA	NA	NA
Dissolved	3/14/2013	NA	0.0013 U	0.300	0.0011	NA	NA	NA	0.0012 J	NA	0.0097	NA	NA	NA	NA	NA
MW-29S	6/20/2003	NA	NA	NA	**0.0064**	NA	NA	0.024	**0.089**	NA	NA	NA	NA	NA	NA	NA
	10/25/2006	<0.0026	<0.0038	**3.3**	**0.0077**	0.0013 V	0.00032 I V	0.041 V	**0.11**	0.00071	0.013	<0.0043	<0.0006	<0.0010	0.0008 I	0.23
	5/25/2009	0.00016 I	0.0085 U	2.0	**0.0051**	0.00078	0.00050 U	0.026	**0.070**	0.00073	0.0080	0.0022 U	0.000059 U	0.00096	0.00027 I	0.12
	2/22/2010	0.00028 I	0.0085 U	1.6	**0.0045**	0.00061	0.00057 V,I	0.02	**0.06**	0.00110	0.0089	0.0022 U	0.000064 I	0.00110	0.00018 U	0.099
	8/24/2010	0.000073 U	**0.015**	**2.2**	**0.0057**	0.00076	0.00050 U	0.027	**0.082**	0.00089	0.010	0.0022 U	0.000059 U	0.0013	0.00098 I,V	0.12
	2/22/2011	0.000099 I,J4	**0.023**	**2.8 J4**	**0.0067**	0.00055 I	0.00050 U	0.026	**0.080**	0.00081	0.014	0.0022 U,J4	0.000059 U,J4	0.0012 J4	0.00018 U	0.13
	8/24/2011	NA	0.0079	**3.1**	**0.00790**	0.00089	NA	0.024	**0.093**	NA	0.018	0.017	NA	0.0013	0.0038 U	0.120
	3/14/2012	NA	0.0092	**3.1**	**0.00710**	NA	NA	0.021	**0.081**	0.00084	0.019	NA	NA	NA	NA	NA
	8/21/2012	NA	0.0032	**2.6**	**0.0059**	NA	NA	0.019	**0.074**	0.00076	0.016	NA	NA	NA	NA	NA
	3/14/2013	NA	0.0048	1.7	**0.0039**	NA	NA	0.017	**0.056**	0.0018	0.011	NA	NA	NA	NA	NA

TABLE 5
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-30S	6/20/2003	NA	NA	1.7	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
Dissolved	6/20/2003	NA	NA	1.7	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/25/2006	NA	<0.0038	**3.6**	NA	0.00054 V	0.00062 I V	NA	**0.012**	0.00037	NA	<0.0043	<0.0006	NA	NA	NA
	8/25/2009	0.00023 I	0.0085 U	**2.7**	**0.0043**	0.00037 I	0.0005 U	0.0096	0.0060 I	0.00026	0.0086	0.0022 U	0.000059 U	0.000067 U	0.00047 I	0.050
	2/23/2010	0.00017 I	0.0085 U	**3.1**	**0.0051**	0.00072	0.00054 V,I	0.0094	0.0084	0.00039	0.013	0.0022 U	0.000059 U	0.00025	0.00018 U	0.051
	8/24/2010	0.000073 U	0.0085 U	**2.5**	**0.0039**	0.00034 I	0.00050 U	0.0096	0.012	0.00026	0.0083	0.0022 U	0.000059 U	0.00034	0.0012 I,V	0.043
	2/22/2011	0.00043 I	0.0085 U	**2.4**	0.0035	0.00032 U	0.00050 U	0.0250	0.0083	0.00027	0.0085	0.0022 U	0.000059 U	0.00025	0.00020 I	0.047
	8/23/2011	NA	0.0013 U	1.9	0.0034	0.00020 J	NA	0.0061	0.012	NA	0.0098	0.0010 U	NA	0.00050 U	0.0038 U	0.030
	3/14/2012	NA	0.0013 U	**2.1**	0.0032	NA	NA	0.0021 J	0.012	NA	0.0110	NA	NA	NA	NA	NA
	8/21/2012	NA	0.0013 U	2.0	0.0031	NA	NA	0.0066	0.011	NA	0.011	NA	NA	NA	NA	NA
	3/15/2013	NA	0.0013 U	2.3	0.0031	NA	NA	0.0062	0.011	NA	0.011	NA	NA	NA	NA	NA
MW-31S	6/20/2003	NA	NA	0.45	<0.004	NA	NA	0.024	**0.04**	<0.0002	NA	NA	NA	NA	NA	NA
	11/7/2006	NA	<0.0038	0.17	NA	0.00017 I V	0.0033 V	NA	0.004 I V	<0.00002	NA	<0.0043	0.00077 I V	NA	NA	NA
Dissolved	11/7/2006	NA	<0.0038	0.13	NA	0.00018 I V	0.002 V	NA	<0.0019	<0.00002	NA	<0.0043	0.00075 I V	NA	NA	NA
	8/25/2009	0.00011 I	0.0085 U	0.16	0.00077	0.00032 U	0.0060	0.0046	0.0028 I	0.000014 U	0.0026 I	0.0022 U	0.000059 U	0.000067 U	0.0068	0.023
	2/23/2010	0.00030 I	**0.011**	0.23	0.0016	0.00032 U	0.038 V	0.017	**0.021**	0.000014 U	0.017	0.0022 U	0.000059 U	0.00014 I	**0.043**	0.05
Dissolved	2/23/2010	NA	0.0085 U	NA	NA	NA	NA	NA	0.0013 U	NA	NA	NA	NA	NA	0.0047	NA
	8/24/2010	0.00029 I	0.0085 U	0.13	0.0012	0.00032 U	0.046	0.018	**0.028**	0.000014 U	0.018	0.0022 U	0.000059 U	0.00023	**0.044 V**	0.051
Dissolved	8/24/2010	NA	NA	NA	NA	NA	NA	NA	0.0025 I	NA	NA	NA	NA	NA	0.0038	NA
	2/22/2011	0.00010 I,J4	0.0085 U	0.19 J4	0.003	0.00032 U	**0.41**	0.044	**0.050**	0.000078 I	**0.20**	0.0022 U,J4	0.000059 U,J4	0.00037 J4	**0.094**	0.11
Dissolved	2/22/2011	NA	NA	NA	NA	NA	0.0021 I	NA	0.0013 U	NA	0.0056 I	NA	NA	NA	NA	NA
	8/24/2011	NA	0.0013 U	0.130	0.00072	0.000095 U	NA	0.0020 J	0.0035	NA	0.0027 J	0.0010 U	NA	0.00050 U	0.0038 U	0.0091 J
Dissolved	8/24/2011	NA	0.0013 U	**2.200**	0.0034	0.00029 J	NA	0.0067	**0.017**	NA	0.011	0.0010 U	NA	0.00050 U	0.0038 U	0.029
	3/15/2012	NA	0.0013 U	0.060	0.00028 J	NA	NA	NA	0.00085 J	NA	0.002 U	NA	NA	NA	NA	NA
Dissolved	3/15/2012	NA	0.0013 U	0.057	0.00027 J	NA	NA	NA	0.00038 J	NA	0.002 U	NA	NA	NA	NA	NA
	8/24/2012	NA	0.0013 U	0.150	0.00066	NA	NA	NA	0.0016	NA	0.0024 J	NA	NA	NA	NA	NA
	3/20/2013	NA	0.0013 U	0.073	0.00029 J	NA	NA	NA	0.0013 J	NA	0.0020 U	NA	NA	NA	NA	NA
Dissolved	3/20/2013	NA	0.0013 U	0.073	0.00025 U	NA	NA	NA	0.0010 J	NA	0.0020 U	NA	NA	NA	NA	NA
MW-32S	6/20/2003	NA	**0.024**	NA	NA	**0.013**	<0.010	NA	0.011	NA	NA	NA	NA	NA	NA	NA
	10/25/2006	<0.0026	<0.0038	0.011	0.00044	**0.02 V**	0.0021 V	0.048 V	<0.0019	0.000038 I	0.06	<0.0043	0.0017 I	<0.0010	0.0071	**2.3**
Dissolved	10/25/2006	NA	NA	NA	NA	**0.019**	NA	0.043 V	NA	NA	0.063	NA	NA	NA	NA	**2.4 V**
MW-32S-R	2/23/2010	0.00068	0.0085 U	0.01	0.00013 U	0.0041	0.00084 V,I	0.018	0.0013 U	0.000014 U	0.032	0.013	0.000059 U	0.00079	0.0024	0.67
	8/24/2010	0.00013 I	0.0085 U	0.021	0.00013 U	0.005	0.00050 U	0.026	0.0013 U	0.000014 U	0.026	0.0085	0.000059 U	0.00079	0.0041 V	0.87
	2/23/2011	0.00067	**0.038**	0.0064	0.00013 U	0.0025	0.00087 I	0.016	0.0013 U	0.000022 I	0.021	0.0053	0.000059 U	0.00076	0.0036	0.37
	8/26/2011	NA	0.0035	0.018	0.00025 U	0.0039	NA	0.017	0.00075 J	NA	0.030	0.0054 B	NA	0.00091 J	0.0038 U	0.520
	3/20/2012	NA	0.0092	NA	NA	NA	NA	NA	0.00086 J	NA	0.025	NA	NA	NA	NA	NA
	8/21/2012	NA	0.0062	NA	NA	NA	NA	NA	0.00046 J	NA	0.023	NA	NA	NA	NA	NA
	3/18/2013	NA	0.014	NA	NA	NA	NA	NA	0.00020 U	NA	0.018	NA	NA	NA	NA	NA

TABLE 5
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-32I	2/23/2010	0.00024 I	0.0085 U	0.23	0.0022	0.0012	0.050 V	0.052	0.0013 U	0.000020 I	0.032	0.0096	0.000059 U	0.00097	0.00077 I	0.062
	8/24/2010	0.000076 I	**0.073**	0.22	**0.018**	**0.0056**	0.0046	0.087	**0.093**	0.00021	0.098	0.0095	0.00013 I	0.0017	0.0010 I,V	0.38
Dissolved	8/24/2010	NA	**0.110**	NA	**0.017**	**0.0050**	NA	NA	**0.087**	NA	NA	NA	NA	NA	NA	NA
	2/22/2011	0.000073 U,J4	**0.120**	0.13 J4	**0.019**	0.0050	0.00050 U	0.087	**0.096**	0.00029	0.10	0.0022 U,J4	0.00014 I,J4	0.0017 J4	0.00018 U	0.38
	8/26/2011	NA	**0.063**	0.110	**0.0230**	**0.0062**	NA	0.110	**0.130**	NA	**0.150**	**0.100 B**	NA	0.0015	0.038 U	0.480
	3/20/2012	NA	**0.075**	0.510	**0.0190**	**0.0062**	NA	NA	**0.094**	NA	0.100	NA	NA	0.0012	NA	NA
	8/21/2012	NA	**0.071**	0.570	**0.019**	**0.0055**	NA	NA	**0.096**	NA	**0.110**	NA	NA	0.0011	NA	NA
	3/18/2013	NA	**0.055**	0.52	**0.016**	**0.0056**	NA	NA	**0.096**	NA	**0.110**	NA	NA	0.0011	NA	NA
MW-33S	6/19/2003	NA	NA	NA	NA	<0.005	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	9/1/2009	0.00029 I	0.0085 U	0.028	0.00013 U	0.00032 U	0.0024 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0014 I	0.0096 I
	2/26/2010	0.000087 I	0.0085 U	0.02	0.00031	0.00032 U	0.0017 V,I	0.0025 U	0.0013 U	0.000014 U	0.0023 I	0.0022 U	0.000059 U	0.000070 I	0.00052 I	0.16
	8/30/2010	0.000073 U	0.0085 U	0.032	0.00016 I	0.00032 U	0.0019 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0012 I	0.011
	2/28/2011	0.00035 I	0.0085 U	0.028	0.00015 I	0.00032 U	0.0022 I	0.0025 U	0.0013 U	0.000020 I	0.0011 U	0.0022 U	0.000059 U	0.000076 I	0.0018 I	0.056
	3/16/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0038	NA	0.0044 J	NA	NA	NA	NA	0.160
	8/24/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00051 J	NA	0.0020 U	NA	NA	NA	NA	0.018 J
	3/20/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0012 J	NA	0.0032 J	NA	NA	NA	NA	0.059
MW-34S	6/19/2003	NA	**0.015**	NA	NA	**0.031**	NA	0.069	0.0068	NA	**0.14**	<0.010	NA	NA	NA	**4.9**
	11/7/2006	NA	<0.038	0.049	NA	**0.081**	<0.003	NA	<0.019	<0.00002	NA	<0.043	0.019 I V	NA	NA	NA
Dissolved	11/7/2006	NA	<0.038	0.048	NA	**0.079**	<0.003	NA	<0.019	<0.00002	NA	<0.043	0.016 I V	NA	NA	NA
	8/31/2009	0.0024	0.0085 U	0.030	0.00013 U	**0.035**	0.00050 U	0.14	0.0013 U	0.000014 U	**0.12**	0.022	0.00079	0.0017	**0.038**	**5.6**
	2/24/2010	0.002	0.0085 U	0.013	0.00013 U	**0.019**	0.0005 U	0.058	0.0013 U	0.000014 U	0.073	0.02	0.00010 I	0.00098	**0.029**	**2.9**
	8/25/2010	0.004	**0.089**	0.32	0.0034	**0.023**	0.034	0.42	**0.33**	0.00051	0.068	0.023 I	0.0025	0.0013	**0.09 V**	**6.1**
Dissolved	8/25/2010	NA	**0.026**	NA	NA	**0.021**	NA	NA	0.0013 U	NA	NA	NA	NA	NA	**0.059**	1.8
	2/23/2011	0.0013 J4	**0.035**	0.02 J4	0.00013 I	**0.024**	0.00050 U	0.12	0.0013 U	0.000016 I	**0.120**	0.010 J4	0.00025 I,J4	0.00089 J4	0.016	**7.5**
	8/31/2011	NA	0.0080	0.065	0.00059	**0.036**	NA	0.310	**0.017**	NA	**0.200**	0.0033	NA	0.0013	0.028	**8.6**
	3/15/2012	NA	0.0092	NA	NA	**0.039**	NA	NA	**0.029**	NA	**0.230**	NA	NA	NA	NA	**19**
	8/25/2012	NA	0.0064	NA	NA	**0.017**	NA	NA	0.0061	NA	0.099	NA	NA	NA	NA	**3.5**
	3/14/2013	NA	0.0053	NA	NA	**0.0091**	NA	NA	0.00079 J	NA	0.064	NA	NA	NA	NA	**2.3**
MW-34I	2/24/2010	0.00071 J4	0.0085 U	0.13	0.0017	0.00032 U	0.010 V	0.0046	0.0036 I	0.000014 U	0.01	0.0022 U	0.00026 I	0.00020 I	**0.019**	0.027
Dissolved	2/24/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0053	NA
	8/25/2010	0.000073 U	0.0085 U	0.084	0.00021 I	0.00032 U	0.0016 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0058 V	0.0071 I
	2/23/2011	0.00013 I	0.0085 U	0.083	0.0016	0.00032 U	0.013	0.0046	0.0050 I	0.000014 U	0.011	0.0022 U	0.000059 U	0.00019 I	**0.0240**	0.037
	8/30/2011	NA	0.0013 U	0.084	0.00041 J	0.000095 U	NA	0.0011 U	0.0010 J	NA	0.0027 J	0.0015 J, B	NA	0.00050 U	0.0038 U	0.0083 U
	3/15/2012	NA	0.0014 J	NA	NA	NA	NA	NA	0.0016	NA	0.002 J	NA	NA	NA	NA	0.0083 U
Dissolved	3/15/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00064 J	NA	0.0023 J	NA	NA	NA	NA	0.0083 U
	8/25/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0038	NA	0.0044 J	NA	NA	NA	NA	0.018 J
Dissolved	8/25/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00084 J	NA	0.0020 U	NA	NA	NA	NA	0.0083 U
	3/14/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0024	NA	0.0039 J	NA	NA	NA	NA	0.0083 U
Dissolved	3/14/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	0.0083 U

TABLE 5
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Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-35S	11/7/2006	<0.0026	<0.0038	**2.2**	0.0035	0.0012 V	<0.0003	0.01 V	0.0093 V	0.00019	0.0088	<0.0043	0.0012 I V	<0.0010	0.00077 I V	0.05 V
	8/25/2009	0.0002 I	0.0085 U	**3.0**	**0.0052**	0.00045 I	0.00050 U	0.011	**0.014**	0.00023	0.010	0.0022 U	0.000059 U	0.00015 I	0.00076 I	0.051
	2/22/2010	0.00046 I	0.0085 U	**3.10**	**0.0058**	0.00045 I	0.00052 V,I	0.01	**0.017**	0.00062	0.0130	0.0022 U	0.000059 U	0.00036	0.00030 I	0.050
	8/24/2010	0.00014 I	0.0085 U	**2.5**	**0.0045**	0.00035 I	0.00050 U	0.01	**0.019**	0.00027	0.0074	0.0022 U	0.000059 U	0.00029	0.0013 I,V	0.041
	2/22/2011	0.00019 I	0.0085 U	**2.6**	**0.0043**	0.00032 U	0.00050 U	0.0074	**0.016**	0.00036	0.0087	0.0022 U	0.000059 U	0.00030	0.00018 U	0.048
	8/23/2011	NA	0.0013 U	2.0	0.0039	0.00031 J	NA	0.0065	**0.017**	NA	0.012	0.0010 U	NA	0.00050 U	0.0038 U	0.031
	3/14/2012	NA	0.0013 U	**2.2**	NA	NA	NA	NA	**0.017**	0.00034	0.011	NA	NA	NA	NA	NA
	8/21/2012	NA	0.0013 U	2.0	NA	NA	NA	NA	**0.017**	0.00012 J	0.011	NA	NA	NA	NA	NA
	3/13/2013	NA	0.0013 U	**2.4**	NA	NA	NA	NA	**0.017**	0.00031	0.012	NA	NA	NA	NA	NA
MW-36S	11/8/2006	<0.0026	**0.053**	0.019	**0.0074**	0.001 V	<0.0003	0.02 V	**0.17 V**	0.000027 I	0.024	<0.0043	0.0006	<0.0010	0.0014 I	0.27 V
	8/26/2009	0.00019 I	**0.065**	0.016	**0.0089**	0.00081	0.0014 V,I	0.013	**0.16 V**	0.000082 I	0.027	0.0022 U	0.000059 U	0.00087	0.0005 I	0.21 V
	3/2/2010	0.00041 I	**0.056**	0.05	**0.0049**	0.00034 I	0.00050 U	0.0025 U	**0.031**	0.000098 I	0.013	0.016	0.00012 U	0.00033 I	0.00062 I	0.084
Dissolved	3/2/2012	NA	**0.061**	NA	NA	NA	NA	NA	**0.023**	NA	NA	NA	NA	NA	0.00042 I	NA
	9/1/2010	0.00016 I	**0.11**	0.018	**0.011**	0.0015	0.0051	0.02	**0.21**	0.00064	0.03	0.0037 I	0.000059 U	0.0011	0.0053	0.23
	3/1/2011	0.00030 I J4	**0.048**	0.031	0.0028	0.00032 U	0.00050 U	0.0025 U	**0.052**	0.00056	0.012	0.0022 U,J4	0.000059 U,J4	0.00048 J4	0.00030 I	0.14
	8/29/2011	NA	**0.0520**	0.015	**0.0099**	0.0011 J	NA	0.020	**0.210**	NA	0.044	**0.078**	NA	0.0012	0.015 U	0.270
	3/13/2012	NA	0.0013 U	NA	0.00025 U	NA	NA	NA	0.00031 J	NA	0.002 U	NA	NA	NA	NA	NA
	8/22/2012	NA	**0.055**	NA	**0.0045**	NA	NA	NA	**0.054**	NA	0.022	NA	NA	NA	NA	NA
	3/12/2013	NA	0.0094	NA	0.00071	NA	NA	NA	0.0087	NA	0.0071	NA	NA	NA	NA	NA
MW-37S	11/8/2006	NA	<0.0038	1.1	NA	0.00016 I V	<0.0003 V	NA	<0.0019	<0.00002	NA	<0.0043	0.0022 I V	NA	NA	NA
	8/26/2009	0.0002 I	0.0085 U	1.1	0.00013 U	0.00032 U	0.0005 U	0.0025 U	0.0013 U	0.000014 U	0.0027 I	0.0022 U	0.000059 U	0.000067 U	0.00077 I	0.002 U
	3/3/2010	0.00068 I	0.0085 U	1.1	0.00013 U	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0028 I	0.0044 U	0.00012 U	0.00013 U	0.00070 I	0.0020 U
	9/1/2010	0.00014 I	0.0085 U	1.2	0.00013 U	0.00032 U	0.00051 I	0.0025 U	0.0013 U	0.000014 U	0.0017 I	0.0022 U	0.000059 U	0.000067 U	0.0010 I	0.0020 U
	3/1/2011	0.000073 U	0.0085 U	1.1	0.00013 U	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0039 I	0.0022 U	0.000059 U	0.000067 U	0.00032 I	0.0020 U
	8/29/2011	NA	0.0023 J	1.100	0.00025 U	0.000095 U	NA	0.0011 U	0.00020 U	NA	0.0020 U	0.0013 J	NA	0.00050 U	0.0038 U	0.0083 U
	3/13/2012	NA	0.002 J	NA	NA	NA	NA	NA	0.00020 U	NA	0.002 U	NA	NA	NA	NA	NA
	8/22/2012	NA	0.0023 J	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	3/13/2013	NA	0.0021 J	NA	NA	NA	NA	NA	0.00032 J	NA	0.0020 U	NA	NA	NA	NA	NA
MW-38S	11/8/2006	NA	<0.0038	0.054	NA	0.000086 I V	0.00079 I V	NA	<0.0019	<0.00002	NA	<0.0043	0.0014 I V	NA	NA	NA
	8/26/2009	0.00012 I	0.0085 U	0.059	0.00013 U	0.00032 U	0.00067 I,V	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00018 U	0.0091 V,I
	3/3/2010	0.00015 U	0.0085 U	0.068	0.00013 U	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0044 U	0.00012 U	0.00013 U	0.00040 I	0.0069 I
	9/1/2010	0.000073 U	0.0085 U	0.049	0.00013 U	0.00032 U	0.00090 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00018 U	0.0077 I
	3/1/2011	0.000073 U	0.0085 U	0.052	0.00013 U	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00023 I	0.013
	8/24/2011	NA	0.0013 U	0.077	0.00028 J	0.000095 U	NA	0.0011 U	0.00040 J	NA	0.0020 J	0.0010 U	NA	0.00050 U	0.0038 U	0.0083 U
	3/14/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.002 U	NA	NA	NA	NA	NA
	8/22/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	3/13/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0027 J	NA	NA	NA	NA	NA

TABLE 5
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-39S	11/8/2006	NA	<0.0038	0.26	NA	0.000096 I V	0.0011 I V	NA	<0.0019	0.000056 I	NA	<0.0043	0.0011 I V	NA	NA	NA
	8/27/2009	0.000073 U	0.0085 U	0.13	0.00069	0.00032 U	0.0021 V,I	0.0025 U	0.0015 V,I	0.00025	0.0036 I	0.0022 U	0.00059 U	0.000067 U	0.00018 U	0.027 V
	3/1/2010	0.00015 U	0.0085 U	0.13	0.00097	0.00032 U	0.0018 I	0.0036 I	0.0013 U	0.00031	0.0042 I	0.0044 U	0.00012 U	0.00015 I	0.00034 I	0.032
	8/31/2010	0.000073 U	0.0089 I	0.11	0.0011	0.00032 U	0.0023 I	0.005	0.0020 I	0.00014 I	0.0021 I	0.0022 U	0.000059 U	0.0002 I	0.00069 I	0.094
	3/2/2011	0.000073 U	0.0085 U	0.098	0.00097	0.00032 U	0.0022 I	0.0025 U	0.0016 I	0.00022	0.0050 I	0.0022 U	0.000059 U	0.00017 I	0.00018 U	0.054
	8/25/2011	NA	0.0035	0.080	0.0017	0.00018 J	NA	0.0049 J	0.0053	NA	0.011	0.0078	NA	0.00050 U	0.0038 U	0.042
	3/14/2012	NA	0.0090	0.076	0.0020	NA	NA	NA	0.0072	NA	0.017	NA	NA	NA	NA	0.083
	8/23/2012	NA	0.0034	0.067	0.0021	NA	NA	NA	0.0096	NA	0.015	NA	NA	NA	NA	0.053
	3/13/2013	NA	0.0056	0.051	0.0016	NA	NA	NA	0.0067	NA	0.015	NA	NA	NA	NA	0.067
MW-40S	2/24/2010	0.00017 I	0.0085 U	0.052	0.00013 U	0.00032 U	0.0051 V	0.0025 U	0.0013 U	0.000014 U	0.0021 I	0.0022 U	0.000059 U	0.000067 U	0.0054	0.010
	8/24/2010	0.000093 I	0.0085 U	0.062	0.00013 U	0.00032 U	0.0025 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000074 I	0.0049 V	0.01
	2/22/2011	0.000093 I	0.0085 U	0.035	0.00013 U	0.00032 U	0.0029 I	0.0025 U	0.0013 U	0.000014 U	0.0015 I	0.0022 U	0.000059 U	0.000067 U	0.0044	0.017
	8/29/2011	NA	0.0014 J	0.039	0.00025 U	0.000095 U	NA	0.0011 U	0.00053 J	NA	0.0020 U	0.0017 J	NA	0.00050 U	0.0045 J	0.0083 U
	3/15/2012	NA	0.0014 J	NA	0.00025 U	0.00021 J	NA	NA	0.00048 J	NA	0.002 U	NA	NA	0.00050 U	NA	NA
	8/23/2012	NA	0.0013 U	NA	0.00025 U	0.000095 U	NA	NA	0.00054 J	NA	0.0020 J	NA	NA	0.00050 U	NA	NA
	3/15/2013	NA	0.0013 U	NA	0.00025 U	0.000095 U	NA	NA	0.00054 J	NA	0.0027 J	NA	NA	0.00050 U	NA	NA
MW-41S	2/24/2010	0.00017 I	**0.015**	0.051	**0.0099**	0.0041	0.00053 V,I	0.048	**0.052**	0.000014 U	0.05	0.028	0.000061 I	**0.0026**	0.00074 I	0.70
	8/24/2010	0.000073 U	**0.027**	0.034	**0.0087**	0.0031	0.00062 I	0.042	**0.052**	0.000014 U	0.039	0.004 I	0.000059 U	**0.0021**	0.0023 V	0.58
	2/23/2011	0.000073 U,J4	**0.045**	0.033 J4	**0.0077**	0.0026	0.00050 U	0.040	**0.044**	0.000030 I	0.039	0.0022 U,J4	0.000069 I,J4	0.0019 J4	0.0011 I	0.58
	8/29/2011	NA	0.0070	0.032	**0.0058**	0.0017	NA	0.022	**0.042**	NA	0.027	0.015 B	NA	0.0016	0.0038 U	0.310
	3/15/2012	NA	**0.0190**	NA	**0.0060**	0.0030	NA	NA	**0.042**	NA	0.039	NA	NA	0.0017	NA	NA
	8/23/2012	NA	0.0045	NA	**0.0050**	0.0019	NA	NA	**0.035**	NA	0.026	NA	NA	0.0013	NA	NA
	3/18/2013	NA	**0.014**	NA	**0.0043**	0.0028	NA	NA	**0.034**	NA	0.036	NA	NA	0.0012	NA	NA

TABLE 5
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-42S	2/25/2010	0.0019	0.0085 U	0.0021	0.00013 U	0.0021	0.0035 V,I	0.039	0.0013 U	0.000014 I	0.054	0.0039 I	0.000059 U	0.00054	0.0092	1.3
	8/26/2010	0.0025	**0.079**	0.004	0.00013 U	0.00058 I	0.0042	0.017	0.0013 U	0.000040 I	0.047	0.0042 I	0.000059 U	0.00049	0.007	0.51
Dissolved	8/26/2010	NA	**0.064**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/24/2011	0.0025	**0.060**	0.0022	0.00013 U	0.0014	0.0023 I	0.020	0.0013 U	0.000014 U	0.048	0.0022 U	0.000059 U	0.00054	0.0095	1.2
Dissolved	2/24/2011	NA	**0.063**	NA	**NA**	NA	NA	NA	**NA**	NA	NA	NA	NA	NA	NA	NA
	8/30/2011	NA	**0.042**	0.0037 J	0.00057	0.0015	NA	0.026	0.00020 U	NA	0.039	0.0031 B	NA	0.00050 U	0.019	1.200
Dissolved	8/30/2011	NA	**0.046**	0.0013 J	0.00025 U	0.0011	NA	0.020	0.00020 U	NA	0.040 B	0.0018 J	NA	0.00058 J	0.014	0.280
	3/16/2012	NA	**0.031**	0.0025 J	0.00025 U	0.0038	NA	NA	0.00020 U	NA	0.059	NA	NA	NA	NA	2.000
Dissolved	3/16/2012	NA	**0.030**	0.0022 J	0.00025 U	0.0035	NA	NA	0.00020 U	NA	0.056	NA	NA	NA	NA	1.700
	8/24/2012	NA	**0.029**	0.011	0.00025 U	0.0038	NA	NA	0.00020 U	NA	0.056	NA	NA	NA	NA	1.700
Dissolved	8/24/2012	NA	**0.029**	0.014	0.00075 J	0.0040	NA	NA	0.00040 U	NA	0.058	NA	NA	NA	NA	**3.100**
	3/14/2013	NA	**0.026**	0.0024 J	0.00025 U	0.0021	NA	NA	0.00020 U	NA	0.035	NA	NA	NA	NA	0.970
MW-43S	2/25/2010	0.00044 I	0.0085 U	0.0082	0.00013 U	0.0021	0.0011 V,I	0.0025 U	0.0013 U	0.000014 U	0.035	0.0022 U	0.000059 U	0.00018 I	0.0035	0.35
	8/26/2010	0.00041 I	**0.026**	0.004	0.00013 U	0.0026	0.0012 I	0.0051	0.0013 U	0.000049 I	0.046	0.0022 U	0.000059 U	0.00020 I	0.0098	0.44
	2/24/2011	0.00032 I	**0.018**	0.001	0.00013 U	0.0020	0.0010 I	0.0025 U	0.0013 U	0.000014 U	0.044	0.0022 U	0.000059 U	0.000076 I	0.0050	0.42
	8/30/2011	NA	**0.015**	0.0013 U	0.00025 U	0.0033	NA	0.0035 J	0.00020 U	NA	0.059	0.0023 J, B	NA	0.00050 U	0.0093 J	0.360
	3/15/2012	NA	**0.013**	NA	NA	0.0019	NA	NA	0.00020 U	NA	0.034	NA	NA	NA	NA	0.270
	8/24/2012	NA	**0.012**	NA	NA	0.0027	NA	NA	0.00020 U	NA	0.039	NA	NA	NA	NA	0.240
	3/14/2013	NA	**0.011**	NA	NA	0.0020	NA	NA	0.00020 U	NA	0.041	NA	NA	NA	NA	0.250
MW-44S	2/25/2010	0.001	0.0085 U	0.067	**0.0055**	0.00068	0.00074 V,I	0.0025 U	0.0013 U	0.000014 U	0.024	0.0022 U	0.000059 U	0.00077	0.00062 I	0.095
	8/26/2010	0.00015 I	0.0085 U	0.057	0.00018 I	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0034 I	0.0022 U	0.000059 U	0.000083 I	0.0019	0.0046 I
	2/24/2011	0.00029 I	0.0085 U	0.044	0.00041	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0040 I	0.0022 U	0.000059 U	0.00012 I	0.00069 I	0.015
	8/30/2011	NA	0.0022 J	0.053	0.00029 J	0.000095 U	NA	0.0011 U	0.00020 U	NA	0.0055	0.0017 J, B	NA	0.00050 U	0.0038 U	0.0083 U
	3/16/2012	NA	0.0013 J	NA	NA	0.000095 U	NA	NA	0.00020 J	NA	0.0043 J	NA	NA	NA	NA	NA
	8/24/2012	NA	0.0021 J	NA	NA	0.000095 U	NA	NA	0.00020 U	NA	0.0057	NA	NA	NA	NA	NA
	3/19/2013	NA	0.0013 U	NA	NA	0.000095 U	NA	NA	0.00020 U	NA	0.0067	NA	NA	NA	NA	NA
MW-45S	8/31/2011	NA	0.0087	0.031	0.0015	0.00032 J	NA	0.0069	0.00020 J	NA	0.023	0.0049	NA	0.00050 U	0.0038 U	0.032
	3/19/2012	NA	**0.0190**	NA	NA	NA	NA	NA	0.00020 U	NA	0.0078	NA	NA	NA	NA	NA
	8/25/2012	NA	**0.019**	NA	NA	NA	NA	NA	0.0028	NA	0.011	NA	NA	NA	NA	NA
	3/20/2013	NA	**0.019**	NA	NA	NA	NA	NA	0.0010 J	NA	0.011	NA	NA	NA	NA	NA
MW-46S	2/25/2010	0.000073 U	0.0085 U	0.69	0.0016	0.00074	0.0011 V,I	0.0073	0.0013 U	0.000014 U	0.016	0.0022 U	0.000059 U	0.00053	0.00022 I	0.089
	8/26/2010	0.00015 I	0.0085 U	0.057	0.00018 I	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0034 I	0.0022 U	0.000059 U	0.000083 I	0.0019	0.0046 I
	2/25/2011	0.00024 I	0.0085 U	0.26	0.0012	0.00049 I	0.00088 I	0.0030 I	0.0013 U	0.000028 I	0.0095	0.0022 U	0.000059 U	0.00025	0.00034 I	0.082
	8/31/2011	NA	0.0013 U	0.430	0.0013	0.00036 J	NA	0.0055	0.0044	NA	0.011	0.0038	NA	0.00050 U	0.0038 U	0.054
	3/16/2012	NA	0.0013 U	NA	NA	0.00080	NA	NA	0.0037	NA	0.011	NA	NA	NA	NA	0.080
	8/25/2012	NA	0.0013 U	NA	NA	0.00048 J	NA	NA	0.0047	NA	0.010	NA	NA	NA	NA	0.070
	3/20/2013	NA	0.0014 J	NA	NA	0.00045 J	NA	NA	0.0046	NA	0.013	NA	NA	NA	NA	0.066

TABLE 5
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-47S	3/1/2010	0.00015 U	0.0085 U	0.045	0.00025 I	0.00032 U	0.00092 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0044 U	0.00012 U	0.00013 U	0.0011 I	0.015
	3/1/2010	0.000073 U	0.0085 U	0.043	0.00016 I	0.00032 U	0.00097 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0014 I	0.0079 I
	2/24/2011	0.000073 U	0.0085 U	0.040	0.00013 U	0.00032 U	0.0015 I	0.0025 U	0.0013 U	0.000014 U	0.0012 I	0.0022 U	0.000059 U	0.000067 U	0.00029 I	0.016
	8/31/2011	NA	0.0013 U	0.043	0.00066	0.000095 U	NA	0.0011 U	0.00020 J	NA	0.0020 J	0.0020 J	NA	0.00050 U	0.0038 U	0.0083 U
	3/16/2012	NA	0.0013 U	0.046	0.00034 J	0.000095 U	NA	NA	0.00020 U	NA	0.002 U	NA	NA	0.00050 U	NA	0.0083 U
	8/25/2012	NA	0.0013 U	0.044	0.00037 J	0.000095 U	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	0.00050 U	NA	0.0083 U
	3/19/2013	NA	0.0013 U	0.047	0.00032 J	0.000095 U	NA	NA	0.00021 J	NA	0.0020 U	NA	NA	0.00050 U	NA	0.0095 J
MW-48S	5/10/2012	NA	0.0013 U	2	0.0036	0.00039 J	NA	0.017	0.012	NA	0.013	0.001 U	NA	0.0005 U	0.0038 U	0.061
	8/21/2012	NA	0.0013 U	**2.7**	**0.0055**	0.00049 J	NA	0.014	**0.024**	NA	0.015	0.0019 J	NA	0.00053 J	NA	0.065
	3/15/2013	NA	0.0021 J	**4.3**	**0.0086**	0.00065	NA	0.022	**0.033**	NA	0.025	0.0010 U	NA	0.00063 J	NA	0.095
MW-49S	5/10/2012	NA	0.0013 U	0.067	0.00027 J	0.000095 U	NA	0.0035 J	0.003	NA	0.0023 J	0.001 U	NA	0.0005 U	0.0072 J	0.016 J
Dissolved	5/10/2012	NA	0.0013 U	0.049	0.00025 U	0.000095 U	NA	0.0016 J	0.0011 J	NA	0.002 U	0.001 U	NA	0.0005 U	0.0046 J	0.0097 J
	8/24/2012	NA	0.0015 J	0.046	0.00036 J	0.000095 U	NA	0.0050	0.0034	NA	0.0045 J	0.0010 U	NA	0.00050 U	NA	0.026
Dissolved	8/24/2012	NA	0.0013 U	0.032	0.00025 U	0.000095 U	NA	0.0022 J	0.0012 J	NA	0.0021 J	0.0010 U	NA	0.00050 U	NA	0.013 J
	3/20/2013	NA	0.0020 J	0.061	0.00048 J	0.000095 U	NA	0.0077	0.0057	NA	0.0071	0.0010 U	NA	0.00050 U	NA	0.038
Dissolved	3/20/2013	NA	0.0013 U	0.024	0.00025 U	0.000095 U	NA	0.0016 J	0.00073 J	NA	0.0020 U	0.0010 U	NA	0.00050 U	NA	0.0086 J
FFFW-1	1/6-7/87	NA	<0.03	0.17	NA	<0.01	<0.02	NA	**0.04**	<0.0002	NA	<0.005	<0.02	NA	NA	NA
	5/10/2000	NA	<0.01	0.19	NA	<0.005	NA	NA	**0.016**	NA	NA	NA	NA	NA	NA	NA
	11/14/2001	NA	NA	NA	NA	NA	NA	NA	<0.01	NA	NA	NA	NA	NA	NA	<0.10
	12/21/2002	NA	NA	NA	NA	NA	NA	NA	**5.2**	NA	NA	NA	NA	NA	NA	0.22
Dissolved	12/21/2002	NA	NA	NA	NA	NA	NA	NA	**0.053**	NA	NA	NA	NA	NA	NA	0.073
	6/20/2003	NA	NA	NA	NA	NA	NA	NA	**0.3**	NA	NA	NA	NA	NA	NA	NA
Dissolved	6/20/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/8/2006	NA	<0.0038	0.14	NA	0.00018 I V	<0.0003	NA	0.011 V	0.000044 I	NA	<0.0043	0.0012 I V	NA	NA	NA
Dissolved	11/8/2006	NA	<0.0038	0.12	NA	0.00017 I V	<0.0003	NA	<0.0019	<0.00002	NA	<0.0043	0.0014 I V	NA	NA	NA
	9/1/2009	0.00022 I	0.0085 U	0.20	0.00019 I	0.00032 U	0.0014 I	0.0025 U	0.013	0.000037 I	0.0023 I	0.0022 U	0.000059 U	0.000078 I	0.0032	0.02
FFFW-1-R	8/30/2011	NA	0.0025	0.140	0.00025 U	0.00015 J	NA	0.0034 J	0.00054 J	NA	0.0024 J	0.0010 U	NA	0.00050 U	0.0038 U	0.025
	3/19/2012	NA	0.0014 J	NA	NA	NA	NA	NA	0.00024 J	NA	0.002 U	NA	NA	NA	NA	NA
	8/24/2012	NA	0.0016 J	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	3/19/2013	NA	0.0028	NA	NA	NA	NA	NA	0.00025 J	NA	0.0020 U	NA	NA	NA	NA	NA

TABLE 5
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
FFFW-2	1/6-7/87	NA	<0.05	**62**	NA	**0.055**	<0.05	NA	**1.82**	0.0011	NA	<0.025	<0.05	NA	NA	NA
	5/10/2000	NA	NA	0.52	NA	**0.0096**	NA	NA	**2.3**	0.00027	NA	NA	NA	NA	NA	NA
	11/14/2001	NA	NA	NA	NA	0.0045	NA	NA	**1.3**	NA	NA	NA	NA	NA	NA	NA
	12/22/2002	<0.40*	<0.20*	**34**	**0.47**	<0.10*	<0.20*	<0.40*	**4.2**	0.0013	**0.68**	<0.20*	<0.20*	<0.20*	**0.22**	1.4
Dissolved	12/22/2002	<0.020	<0.0050	**3.1**	**0.083**	<0.0050	<0.010	0.03	**0.71**	0.0101**	0.1	<0.010	<0.010	<0.010	<0.010	0.16
	6/20/2003	NA	NA	NA	NA	NA	NA	NA	**2.7**	NA	NA	NA	NA	NA	NA	NA
Dissolved	6/20/2003	NA	NA	NA	NA	NA	NA	NA	**2.2**	NA	NA	NA	NA	NA	NA	NA
	10/26/2006	0.0059 I	**0.16**	**9.5**	**0.38**	**0.019 V**	<0.0006	0.19	**2.8**	0.00059	**0.47**	<0.0086	<0.0012	**0.0077**	0.0041 I V	1.1 V
Dissolved	10/26/2006	NA	**0.037 I V**	**12.0**	**0.47**	**0.022**	NA	0.23 V	**3.6**	<0.00002	**0.55**	NA	NA	**0.0086 J4**	NA	NA
FFFW-2-R	11/7/2006	<0.0026	<0.0038	**3.9**	**0.048**	0.0035 V	<0.0003	0.059 V	**0.33 V**	0.00091	0.084	<0.0043	<0.0006	0.0018 I	0.0013 I	0.22 V
	9/1/2009	0.000073 U	0.0085 U	**3.4**	**0.039**	0.0026	0.00074 I	0.045	**0.22**	0.0015	0.072	0.0068 U	0.00044 U	0.0014	0.0013 I	0.19
Dissolved	9/1/2009	NA	NA	**3.3**	**0.039**	NA	NA	NA	**0.24**	NA	NA	NA	NA	NA	NA	NA
	3/1/2010	0.00029 I	**0.012**	**4.1**	**0.076**	0.0038	0.00050 U	0.075	**0.47**	0.00035	**0.11**	0.022	0.00068	**0.0024**	0.00025 I	0.28
	8/27/2010	0.00014 I	**0.05**	**3.5**	**0.048**	0.0032	0.00050 U	0.056	**0.33**	0.00022	0.090	0.0026 I	0.00038	0.0019	0.0018	0.24
	2/28/2011	0.00012 I	**0.057**	**3.1**	**0.052**	0.0028	0.00050 U	0.054	**0.36**	0.00120	0.088	0.0022 U	0.00042	0.0020	0.00038 I	0.21
	8/31/2011	NA	0.0048	2.0	**0.025**	0.0015	NA	0.021	**0.130**	NA	0.048	0.0084	NA	0.00092 J	0.0038 U	0.095
	3/19/2012	NA	**0.0420**	**3.9**	**0.062**	0.0041	NA	NA	**0.380**	NA	**0.110**	NA	NA	0.00160	NA	0.260
	8/26/2012	NA	**0.018**	**4.3**	**0.056**	0.0043	NA	NA	**0.420**	NA	**0.120**	NA	NA	0.0016	NA	0.260
	3/19/2013	NA	**0.037**	**4.4**	**0.060**	0.0043	NA	NA	**0.450**	NA	**0.130**	NA	NA	0.0017	NA	0.280
FFFW-2I	3/1/2010	0.00054 I	0.0085 U	0.46	0.00072	0.00032 U	0.0053	0.0047	0.0013 U	0.000014 U	0.0034 I	0.0044 U	0.00012 U	0.00013 U	0.0096	0.023
	8/27/2010	0.00015 I	0.0085 U	0.31	0.00013 U	0.00032 U	0.00064 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0033	0.0069 I
	2/28/2011	0.00015 I	0.0085 U	0.32	0.00035	0.00032 U	0.00098 I	0.0025 U	0.0013 U	0.000014 U	0.0018 I	0.0022 U	0.000059 U	0.00013 I	0.0020	0.020
	8/31/2011	NA	0.0013 U	0.230	0.00064	0.00036 J	NA	0.0011 U	0.00020 U	NA	0.0054	0.0016 J, B	NA	0.00050 U	0.0038 U	0.0083 U
	3/19/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00021 J	NA	0.0059	NA	NA	NA	NA	NA
	8/26/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00024 J	NA	0.0062	NA	NA	NA	NA	NA
	3/19/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0061	NA	NA	NA	NA	NA

TABLE 5
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
FFFW-3	1/6-7/87	NA	**0.075**	<0.02	NA	<0.01	<0.02	NA	<0.03	<0.0002	NA	<0.025	<0.02	NA	NA	NA
	5/10/2000	NA	**0.025**	NA	NA	**0.0064**	NA	NA	**0.11**	NA	NA	NA	NA	NA	NA	NA
	11/14/2001	NA	NA	NA	NA	**0.017**	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/2002	NA	NA	NA	NA	**0.0074**	NA	NA	**0.067**	NA	NA	NA	NA	NA	NA	NA
Dissolved	12/22/2002	NA	NA	NA	NA	**0.016**	NA	NA	0.0058	NA	NA	NA	NA	NA	NA	NA
	6/19/2003	NA	NA	NA	NA	NA	NA	NA	0.012	NA	NA	NA	NA	NA	NA	NA
Dissolved	6/19/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/7/2006	NA	**0.28**	0.02	NA	**0.011 V**	<0.0003	NA	0.0033 I V	0.000027 I	NA	<0.0043	0.0007 I V	NA	NA	NA
Dissolved	11/7/2006	NA	**0.012 I**	0.0033	NA	**0.011 V**	<0.0003	NA	<0.0019	<0.00002	NA	<0.0043	0.0018 I V	NA	NA	NA
	8/31/2009	0.00064	0.0085 U	0.0061	0.00017 I	0.0044	0.0023 I	0.06	0.0013 U	0.000014 U	0.037	0.0022 U	0.000087 I	0.00014 I	0.0094	1.6
FFFW-3-R	8/29/2011	NA	**0.026**	0.0026 J	0.00025 U	0.00066	NA	0.0031 J	0.00045 J	NA	0.035	0.0017 J	NA	0.00050 U	0.0062 J	0.050
Dissolved	8/29/2011	NA	**0.033**	0.0027 J	0.00025 U	0.00066	NA	0.0038 J	0.00020 U	NA	0.039 B	0.0011 J	NA	0.00050 U	0.0081 J	0.060
	3/15/2012	NA	**0.021**	NA	NA	NA	NA	NA	0.00070 J	NA	0.044	NA	NA	NA	NA	NA
Dissolved	3/15/2012	NA	**0.022**	NA	NA	NA	NA	NA	0.00020 U	NA	0.041	NA	NA	NA	NA	NA
	8/24/2012	NA	**0.020**	NA	NA	NA	NA	NA	0.00020 U	NA	0.056	NA	NA	NA	NA	NA
	3/14/2013	NA	**0.014**	NA	NA	NA	NA	NA	0.00020 U	NA	0.074	NA	NA	NA	NA	NA

TABLE 5
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
FFFW-4	1/6-7/87	NA	<0.03	1.61	NA	<0.01	**0.21**	NA	**1.43**	0.0004	NA	<0.025	<0.03	NA	NA	NA
	5/10/2000	NA	NA	0.096	NA	<0.005	0.021	NA	**0.13**	<0.0002	NA	NA	NA	NA	NA	NA
	11/14/2001	NA	NA	NA	NA	NA	NA	NA	**0.11**	NA	NA	NA	NA	NA	NA	NA
	12/23/2002	NA	NA	NA	NA	NA	NA	NA	**0.2**	NA	NA	NA	NA	NA	NA	NA
Dissolved	12/23/2002	NA	NA	NA	NA	NA	NA	NA	<0.0050	NA	NA	NA	NA	NA	NA	NA
	6/20/2003	NA	NA	NA	NA	NA	NA	NA	**0.15**	NA	NA	NA	NA	NA	NA	NA
Dissolved	6/20/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/26/2006	NA	<0.0038	0.35	NA	0.000061 I V	0.0064 V	NA	**0.038**	0.00008 I	NA	<0.0043	<0.0006	NA	NA	NA
Dissolved	10/26/2006	NA	NA	NA	NA	NA	NA	NA	<0.0019	NA	NA	NA	NA	NA	NA	NA
	9/1/2009	0.00016 I	0.0085 U	0.25	**0.012**	0.00032 U	0.033	0.021	**0.032**	0.000024 I	0.025	0.0022 U	0.000059 U	0.00049	**0.063**	0.071
FFFW-4-R	8/30/2011	NA	**0.016**	0.830	**0.039**	0.0027	NA	0.022	**0.066**	NA	**0.110**	0.033 B	NA	0.0020	0.0076 U	0.350
Dissolved	8/30/2011	NA	0.0092	0.420	**0.025**	0.0035	NA	0.022	**0.032**	NA	**0.130 B**	0.0040	NA	**0.0021**	0.0038 U	0.440
	3/19/2012	NA	0.0039	NA	0.0021	NA	NA	NA	0.0087	NA	0.014	NA	NA	NA	NA	NA
Dissolved	3/19/2012	NA	0.0034	NA	0.0021	NA	NA	NA	0.0048	NA	0.014	NA	NA	NA	NA	NA
	8/25/2012	NA	0.0053	NA	0.0014	NA	NA	NA	**0.016**	NA	0.021	NA	NA	NA	NA	NA
Dissolved	8/25/2012	NA	0.0063	NA	0.0021	NA	NA	NA	**0.019**	NA	0.025	NA	NA	NA	NA	NA
	3/20/2013	NA	0.0030	NA	0.0015	NA	NA	NA	0.0069	NA	0.013	NA	NA	NA	NA	NA
Dissolved	3/20/2013	NA	0.0025	NA	0.0013	NA	NA	NA	0.0054	NA	0.011	NA	NA	NA	NA	NA
MW-TP1S	8/7/2000	NA	**0.013**	0.31	NA	<0.005	<0.01	NA	0.0068	NA	NA	NA	NA	NA	NA	NA
	11/14/2001	NA	NA	NA	NA	NA	NA	NA	0.011	NA	NA	NA	NA	NA	NA	NA
	12/20/2002	NA	NA	NA	NA	NA	NA	NA	**0.022**	NA	NA	NA	NA	NA	NA	NA
	6/19/2003	NA	NA	NA	NA	NA	NA	NA	**0.023**	NA	NA	NA	NA	NA	NA	NA
	10/26/2006	NA	<0.0038	0.21	NA	0.00035 V	0.0019 V	NA	0.0096	<0.00002	NA	<0.0043	<0.0006	NA	NA	NA
	9/1/2009	0.000073 U	0.0085 U	0.28	0.0024	0.00032 U	0.0015 I	0.0011	0.0061 I	0.000014 U	0.0095	0.0022 U	0.000059 U	0.00013 I	0.00027 I	0.055
	2/26/2010	0.00012 I	0.0085 U	0.32	0.0023	0.00032 U	0.0016 V,I	0.0091	0.0076	0.000014 U	0.011	0.0022 U	0.000059 U	0.00015 I	0.00026 I	0.051
	8/30/2010	0.000073 U	0.0085 U	0.27	0.0020	0.00032 U	0.0019 I	0.0098	0.0068 I	0.000014 U	0.0062 I	0.0022 U	0.000059 U	0.00033	0.00026 I	0.046
	2/28/2011	0.000073 U	0.0085 U	0.26	0.0017	0.00032 U	0.0014 I	0.0062	0.0066 I	0.000014 U	0.0057 I	0.0022 U	0.000059 U	0.00015 I	0.00026 I	0.048
	8/26/2011	NA	0.0013 U	0.280	0.0017	0.00013 J	NA	0.0073	0.0084	NA	0.0010	0.0021 J	NA	0.00050 U	0.0038 U	0.035
	3/19/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0074	NA	0.0085	NA	NA	NA	NA	NA
	8/25/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0074	NA	0.0073	NA	NA	NA	NA	NA
	3/19/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0061	NA	0.014	NA	NA	NA	NA	NA
MW-TP1I	8/8/2000	NA	<0.01	0.13	NA	<0.005	<0.01	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/14/2001	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/20/2002	<0.006	<0.010	0.052	<0.004	<0.005	<0.01	<0.02	<0.005	NA	<0.04	<0.01	NA	<0.002	<0.01	<0.02
	6/19/2003	NA	NA	NA	NA	NA	NA	NA	**0.024**	NA	NA	NA	NA	NA	NA	NA
Dissolved	6/19/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/26/2006	NA	<0.0038	0.046	NA	<0.000051	0.0014 V	NA	<0.0019	<0.00002	NA	<0.0043	<0.0006	NA	NA	NA
	9/1/2009	0.000073 U	0.0085 U	0.052	0.00029 I	0.00032 U	0.0021 I	0.0025 U	0.0013 U	0.000014 U	0.0012 I	0.0022 U	0.000059 U	0.000067 U	0.0066	0.0088 I
	2/26/2010	0.00016 I	0.0085 U	0.043	0.00013 U	0.00032 U	0.0014 V,I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0056	0.0068 I
	8/30/2010	0.000073 U	0.0085 U	0.042	0.00017 I	0.00032 U	0.00069 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0052	0.0057 I
	2/28/2011	0.000073 U	0.0085 U	0.046	0.00013 U	0.00032 U	0.0016 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0064	0.017
	8/26/2011	NA	0.0013 U	0.040	0.00025 U	0.000095 U	NA	0.0011 U	0.00020 U	NA	0.0022 J	0.0010 U	NA	0.00050 U	0.0051 J	0.0083 U
	3/19/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.002 U	NA	NA	NA	NA	NA
	8/25/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	3/19/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA

TABLE 5
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Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-TP2S	8/7/2000	NA	<0.01	0.62	NA	<0.005	<0.01	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/21/2002	<0.006	<0.01	0.36	**0.0086**	<0.005	<0.01	<0.02	0.0064	NA	<0.04	<0.01	NA	<0.002	<0.01	0.064
	6/19/2003	NA	NA	NA	NA	NA	NA	NA	0.0078	NA	NA	NA	NA	NA	NA	NA
	10/26/2006	<0.0026	<0.0038	0.33	**0.0072**	0.0004 V	0.001 I V	0.0055	0.0074 I	<0.00002	0.0074	<0.0043	<0.0006	<0.0010	0.0024	0.035 V
Dissolved	NA	NA	NA	NA	**0.0075**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/1/2009	0.00032 I	0.0085 U	0.14	**0.0054**	0.00032 U	0.0013 I	0.0050	0.0013 U	0.000014 U	0.0066	0.0022 U	0.000059 U	0.0001 I	0.0032	0.051
Dissolved	NA	NA	NA	NA	**0.0054**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/26/2010	0.0015	0.0085 U	0.033	0.0012	0.00032 U	0.0028 V,I	0.0065	0.0013 U	0.000014 U	0.0049 I	0.0022 U	0.000059 U	0.000071 I	0.0095	0.067
	8/26/2010	0.00040 I	0.0085 U	0.160	**0.0066**	0.00032 U	0.00092 I	0.0065	0.0036 I	0.000014 U	0.0070	0.0022 U	0.000059 U	0.00014 I	0.0049	0.050
	2/28/2011	0.0010	0.0085 U	0.052	0.0013	0.00032 U	0.0018 I	0.0032 I	0.0013 U	0.000019 I	0.0012 I	0.0022 U	0.000059 U	0.00013 I	0.0065	0.11
	8/31/2011	NA	0.0013 U	0.110	**0.0068**	0.00035 J	NA	0.005	0.002	NA	0.010	0.0031	NA	0.00050 U	0.0038 U	0.051
	3/16/2012	NA	0.0031	NA	NA	NA	NA	NA	0.0023	NA	0.0073	NA	NA	NA	NA	NA
	8/24/2012	NA	0.0035	NA	NA	NA	NA	NA	0.0026	NA	0.0078	NA	NA	NA	NA	NA
	3/20/2013	NA	0.0023 J	NA	NA	NA	NA	NA	0.0029	NA	0.0058	NA	NA	NA	NA	NA
Dissolved	3/20/2013	NA	0.0026	NA	NA	NA	NA	NA	0.0024	NA	0.0048 J	NA	NA	NA	NA	NA
MW-TP3S	8/7/2000	NA	<0.01	0.37	NA	<0.005	<0.01	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/14/2001	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/20/2002	<0.006	<0.01	0.36	<0.004	<0.005	<0.010	<0.02	<0.005	NA	<0.04	<0.01	NA	<0.002	<0.01	<0.02
	6/19/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/26/2006	NA	<0.0038	0.29	NA	0.00017 I V	0.0021 V	NA	<0.0019	<0.00002	NA	<0.0043	<0.0006	NA	NA	NA
	9/1/2009	0.000073 U	0.0085 U	0.24	0.0015	0.00032 U	0.0017 I	0.0025 U	0.0013 U	0.000018 I	0.0023 I	0.0022 U	0.000059 U	0.000067 U	0.0011 I	0.016
	2/25/2010	0.000073 U	0.0085 U	0.24	0.0013	0.00032 U	0.0024 V,I	0.0025 U	0.0013 U	0.000068 I	0.0035 I	0.0022 U	0.000059 U	0.000078 I	0.00018 U	0.016
	8/26/2010	0.00034 I	0.0085 U	0.21	0.0013	0.00032 U	0.0010 I	0.0025 U	0.0014 I	0.000046 I	0.0016 I	0.0022 U	0.000059 U	0.000071 I	0.0015	0.0042 I
	2/28/2011	0.000087 I	0.0085 U	0.21	0.0018	0.00032 U	0.0011 I	0.0025 U	0.0013 U	0.000022 I	0.0017 I	0.0022 U	0.000059 U	0.0003	0.00072 I	0.027
	8/31/2011	NA	0.0013 U	0.180	0.0015	0.00011 J	NA	0.0011 U	0.00078 J	NA	0.0041 J	0.0019 J	NA	0.00050 U	0.0038 U	0.0087 J
	3/16/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0014 J	NA	0.0055	NA	NA	NA	NA	NA
	8/25/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0011 J	NA	0.0028 J	NA	NA	NA	NA	NA
	3/20/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0012 J	NA	0.0041 J	NA	NA	NA	NA	NA

TABLE 5
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-TP4S	8/7/2000	NA	<0.01	0.18	NA	<0.005	<0.01	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/14/2001	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/20/2002	<0.006	<0.01	0.18	<0.004	<0.005	<0.010	<0.02	<0.005	NA	<0.04	<0.01	NA	<0.002	<0.01	<0.02
	6/20/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/26/2006	NA	<0.0038	0.19	NA	0.00022 V	0.0017 V	NA	0.005 I	<0.00002	NA	<0.0043	<0.0006	NA	NA	NA
	9/1/2009	0.00038 I	0.0085 U	0.20	0.00066	0.00032 U	0.0013 I	0.0033 I	0.0039 I	0.000014 U	0.0023 I	0.0022 U	0.000059 U	0.000072 I	0.00048 I	0.024
	2/26/2010	0.000075 I	0.0085 U	0.19	0.00055	0.00032 U	0.0016 V,I	0.0030 I	0.0038 I	0.000017 I	0.0023 I	0.0022 U	0.000059 U	0.000089 I	0.00018 U	0.019
	8/27/2010	0.000073 U	0.0085 U	0.19	0.00051	0.00032 U	0.00050 U	0.0060	0.0045 I	0.000014 U	0.0011 I	0.0022 U	0.000059 U	0.000067 U	0.0014 I	0.02
	2/28/2011	0.000092 I	0.0085 U	0.18	0.00058	0.00032 U	0.0013 I	0.0025 U	0.0033 I	0.000014 U	0.0014 I	0.0022 U	0.000059 U	0.000098 I	0.00028 I	0.027
	8/26/2011	NA	0.0013 U	0.190	0.00062	0.000095 U	NA	0.0037 J	0.0042	NA	0.0049 J	0.0016 J	NA	0.00050 U	0.0038 U	0.017 J
	3/19/2012	NA	0.0013 U	0.190	0.00083	NA	NA	NA	0.0038	NA	0.0039 J	NA	NA	NA	NA	NA
	8/25/2012	NA	0.0013 U	0.170	0.00063	NA	NA	NA	0.0038	NA	0.0040 J	NA	NA	NA	NA	NA
	3/19/2013	NA	0.0013 U	0.190	0.00070	NA	NA	NA	0.0037	NA	0.0040 J	NA	NA	NA	NA	NA
MW-TP5S	8/7/2000	NA	**0.024**	**3.7**	**0.062**	NA	<0.01	0.046	**0.22**	NA	**0.17**	NA	NA	NA	NA	0.41
	11/14/2001	NA	**0.22**	**11**	**0.23**	NA	NA	NA	**3.3**	NA	**0.63**	NA	NA	NA	NA	NA
	12/20/2002	<0.20*	<0.10*	**15**	**0.16**	<0.050*	<0.10*	0.17	**1.4**	<0.0002	**0.41**	<0.10*	<0.10*	<0.10*	<0.10*	1
	6/20/2003	NA	NA	NA	NA	NA	NA	NA	0.0095	NA	NA	NA	NA	NA	NA	NA
	10/26/2006	**0.0095 I**	**0.064**	**2.8**	**0.14**	**0.0083 V**	<0.0003	0.032	**0.72**	<0.00002	**0.33**	<0.0043	<0.0006	**0.0035 I**	0.032	0.98 V
	8/31/2009	0.00026 I	**0.034**	**9.1**	**0.16**	**0.0073**	0.00050 U	0.13	**0.90**	0.000022 I	**0.40**	0.0068 U	0.00044 U	**0.0045**	0.014	1.0
	3/1/2010	0.00053 I	**0.11**	**19**	**0.25**	**0.016**	0.00050 U	0.19	**1.7**	0.000014 U	**0.64**	**0.066**	0.00030 I	**0.0052**	0.015	1.6
	8/30/2010	0.0015 U	**0.18**	**16**	**0.19**	**0.013**	0.0012 I	0.19	**1.5**	0.000014 U	**0.41**	0.044 U	0.0012 U	**0.0058**	0.012	1.2
	2/24/2011	0.00045 I,J4	**0.34**	**25 J4**	**0.36**	**0.020**	0.00099 U	0.40	**2.6**	0.000014 U	**0.89**	0.0022 U,J4	0.00022 I,J4	**0.0052 J4**	0.015	1.9
	8/31/2011	NA	**0.082**	**29**	**0.300**	**0.016**	NA	0.310	**2.2**	NA	**0.590**	**0.130**	NA	**0.0050**	0.038 U	**2.8**
	3/20/2012	NA	**0.160**	**39**	**0.320**	**0.020**	NA	NA	**1.5**	NA	**0.590**	0.045	NA	**0.0034**	NA	1.7
	8/26/2012	NA	**0.090**	**47**	**0.330**	**0.018**	NA	NA	**2.1**	NA	**0.800**	0.012	NA	**0.0047**	NA	1.9
	3/19/2013	NA	**0.140**	**47**	**0.340**	**0.017**	NA	NA	**1.6**	NA	**0.700**	0.0081	NA	**0.0039**	NA	1.8
MW-TP5I	3/1/2010	0.00033 I	0.0099 I	0.36	**0.0063**	0.00032 U	0.039	0.024	0.011	0.000014 U	0.036	0.0044 U	0.00012 U	0.00054	**0.066**	0.090
Dissolved	3/1/2012	NA	NA	NA	**0.0041**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.048**	NA
	8/30/2010	0.00045 I	0.0085 U	0.15	0.0014	0.00032 U	0.0091	0.0056	0.0013 U	0.000014 U	0.0066	0.0022 U	0.000059 U	0.00015 I	0.014	0.025
	2/24/2011	0.000093 I	0.0085 U	0.096	0.00067	0.00032 U	0.0060	0.0025 U	0.0014 I	0.000014 U	0.0057 I	0.0022 U	0.000059 U	0.000067 U	0.010	0.027
	8/31/2011	NA	0.0021 J	0.085	0.00065	0.000095 U	NA	0.0011 J	0.00085 J	NA	0.0040 J	0.0032	NA	0.00050 U	0.0041 J	0.0083 U
	3/20/2012	NA	0.0013 J	NA	NA	NA	NA	NA	0.0018 J	NA	0.0043 J	NA	NA	NA	NA	0.013 J
Dissolved	3/20/2012	NA	0.0027	NA	NA	NA	NA	NA	0.0038	NA	0.0090	NA	NA	NA	NA	0.027
	8/26/2012	NA	0.0023 J	NA	NA	NA	NA	NA	0.0049	NA	0.010	NA	NA	NA	NA	0.033
Dissolved	8/26/2012	NA	0.0014 J	NA	NA	NA	NA	NA	0.0013 J	NA	0.0036 J	NA	NA	NA	NA	0.011 J
	3/19/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0022	NA	0.0035 J	NA	NA	NA	NA	0.0083 U
Dissolved	3/19/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0013 J	NA	0.0032 J	NA	NA	NA	NA	0.0083 U
MW-TP6S	8/7/2000	NA	<0.01	1.3	NA	<0.0050	<0.01	NA	0.015	NA	NA	NA	NA	NA	NA	NA

Notes:

All units in milligrams per liter (mg/L), except as noted.

I - The reported value is between the laboratory method detection limit and practical quantitation limit.

V or B - Analyte was detected in both the sample and associate method blank.

U - Analyte not detected.

J - Result is less than the Reporting Limit but greater than or equal to the Method Dectection Limit and the concentration is an approximate value

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

J4 - the sample matrix interfered with the ability to make an accurate determination.

NA - Not analyzed.

Bold - Concentration exceeds theType 1 RRS.

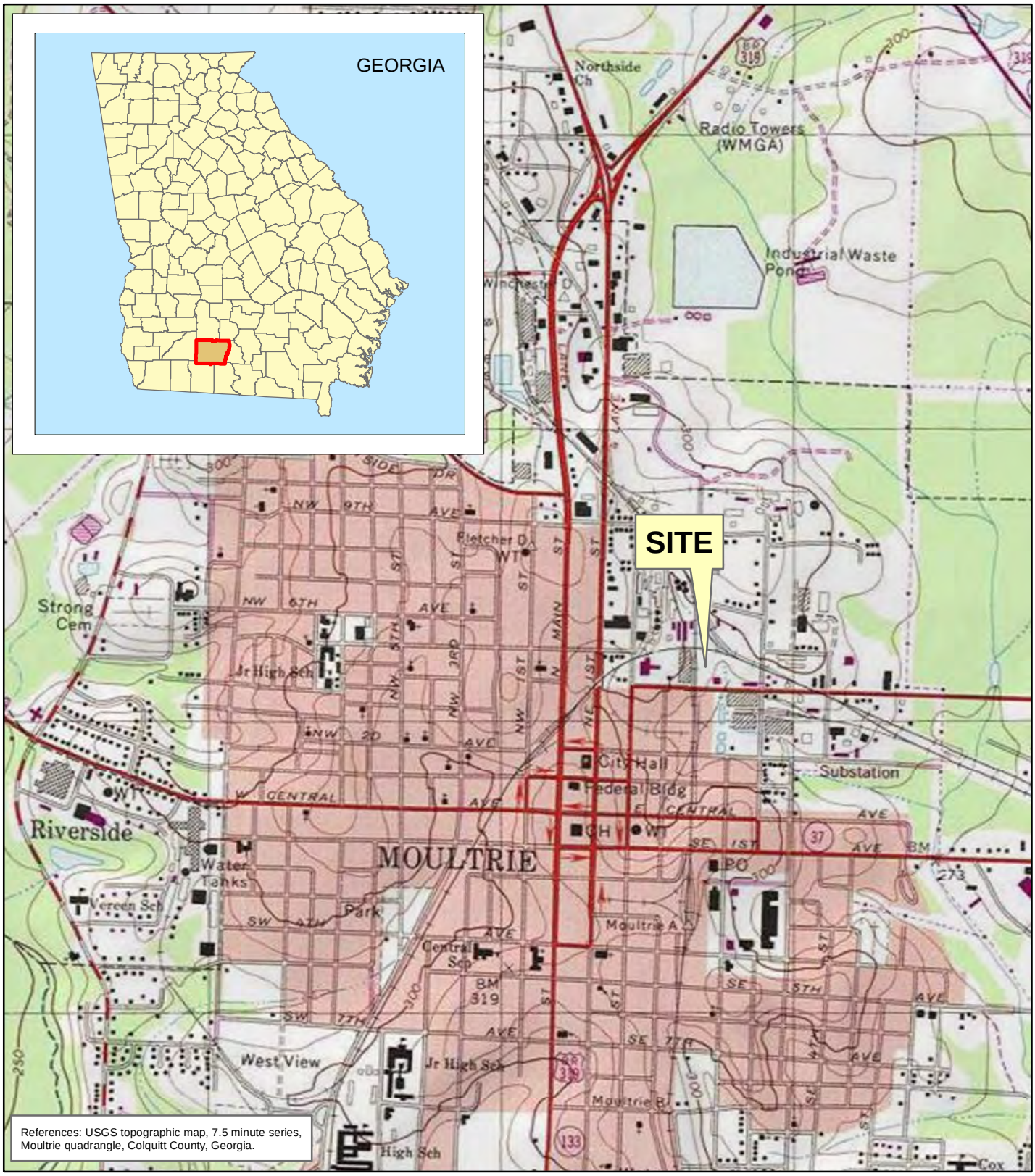
* - Elevated detection limits were reported due to sample matrix interference which required sample or extract dilution.

TABLE 6
SUMMARY OF QUALITY ASSURANCE GROUNDWATER SAMPLES - March 2013
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Sample ID	Date Sampled	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Thallium	Zinc
Statistical Background		**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.002**	**1.36**
Type 1 Risk Reduction Standard		**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.002**	**2**
EQ Blank-1	3/21/2013	0.0013 U	0.0013 U	0.00025 U	0.000095 U	0.0011 U	0.00020 U	NA	0.0020 U	0.0010 U	0.00050 U	0.0083 U
EQ Blank-2	3/21/2013	0.0013 U	0.0013 U	0.00025 U	0.000095 U	0.0021 J	0.00020 U	NA	0.0020 U	0.0010 U	0.00050 U	0.010 J
EQ Blank-3	3/21/2013	0.0013 U	0.0013 U	0.00025 U	0.000095 U	0.0017 J	0.00020 U	NA	0.0020 U	0.0010 U	0.00050 U	0.0083 U
MW-6S-R	3/12/2013	**0.018**	NA	**0.0061**	**0.0053**	NA	0.013	NA	**0.130**	NA	NA	0.810
DUP-1	3/12/2013	**0.018**	NA	**0.005**	**0.0054**	NA	0.013	NA	**0.130**	NA	NA	0.780
Relative Percent Difference		0%	NA	12%	2%	NA	0%	NA	0%	NA	NA	4%
MW-29S	3/14/2013	0.0048	1.7	0.0039	NA	0.017	**0.056**	0.0018	0.011	NA	NA	NA
DUP-2	3/14/2013	0.0049	1.7	0.0039	NA	0.017	**0.056**	0.0017	0.013	NA	NA	NA
Relative Percent Difference		2%	0%	0%	NA	0%	0%	6%	17%	NA	NA	NA
MW-3S	3/15/2013	**0.250**	0.012	**0.023**	**0.011**	**1.6**	**0.120**	NA	**0.260**	**0.077**	NA	**2.2**
DUP-3	3/15/2013	**0.260**	0.013	**0.024**	**0.011**	**1.6**	**0.130**	NA	**0.260**	**0.080**	NA	**2.2**
Relative Percent Difference		4%	8%	4%	0%	0%	8%	NA	0%	4%	NA	0%
MW-TP5S	3/19/2013	**0.140**	**47**	**0.340**	**0.017**	NA	**1.6**	NA	**0.700**	0.0081	**0.0039**	1.800
DUP-4	3/19/2013	**0.150**	**42**	**0.320**	**0.017**	NA	**2.4**	NA	**0.690**	0.034	**0.0042**	1.900
Relative Percent Difference		7%	11%	6%	0%	NA	40%	NA	1%	123%	7%	5%
MW-36S	3/12/2013	0.0094	NA	0.00071	NA	NA	0.0087	NA	0.0071	NA	NA	NA
DUP-5	3/12/2013	0.010	NA	0.00067	NA	NA	0.0094	NA	0.0073	NA	NA	NA
Relative Percent Difference		6%	NA	6%	NA	NA	8%	NA	3%	NA	NA	NA
MW-12S	3/13/2013	**0.210**	1.3	**0.035**	0.0050	0.260	**0.085**	NA	**0.180**	**0.054**	0.0014	1.100
DUP-6	3/13/2013	**0.210**	1.3	**0.035**	**0.0051**	0.260	**0.081**	NA	**0.180**	**0.052**	0.0014	1.100
Relative Percent Difference		0%	0%	0%	2%	0%	5%	NA	0%	4%	0%	0%
MW-32I	3/18/2013	**0.055**	0.52	**0.016**	**0.0056**	NA	**0.096**	NA	**0.110**	NA	0.0011	NA
DUP-7	3/18/2013	**0.064**	0.600	**0.020**	**0.0064**	NA	**0.110**	NA	**0.130**	NA	0.0013	NA
Relative Percent Difference		15%	14%	22%	13%	NA	14%	NA	17%	NA	17%	NA

Notes:
All units in milligrams per liter (mg/L), except as noted.
Antimony, chromium,and silver were not analyzed in any of these groundwater samples
Bold - Concentration exceeds the Type 1 RRS.
NA - Not analyzed.
U - Analyte not detected.
J - Result is less than the Reporting Limit but greater than or equal to the Method Dectection Limit and the concentration is an approximate value

FIGURES



References: USGS topographic map, 7.5 minute series, Moultrie quadrangle, Colquitt County, Georgia.

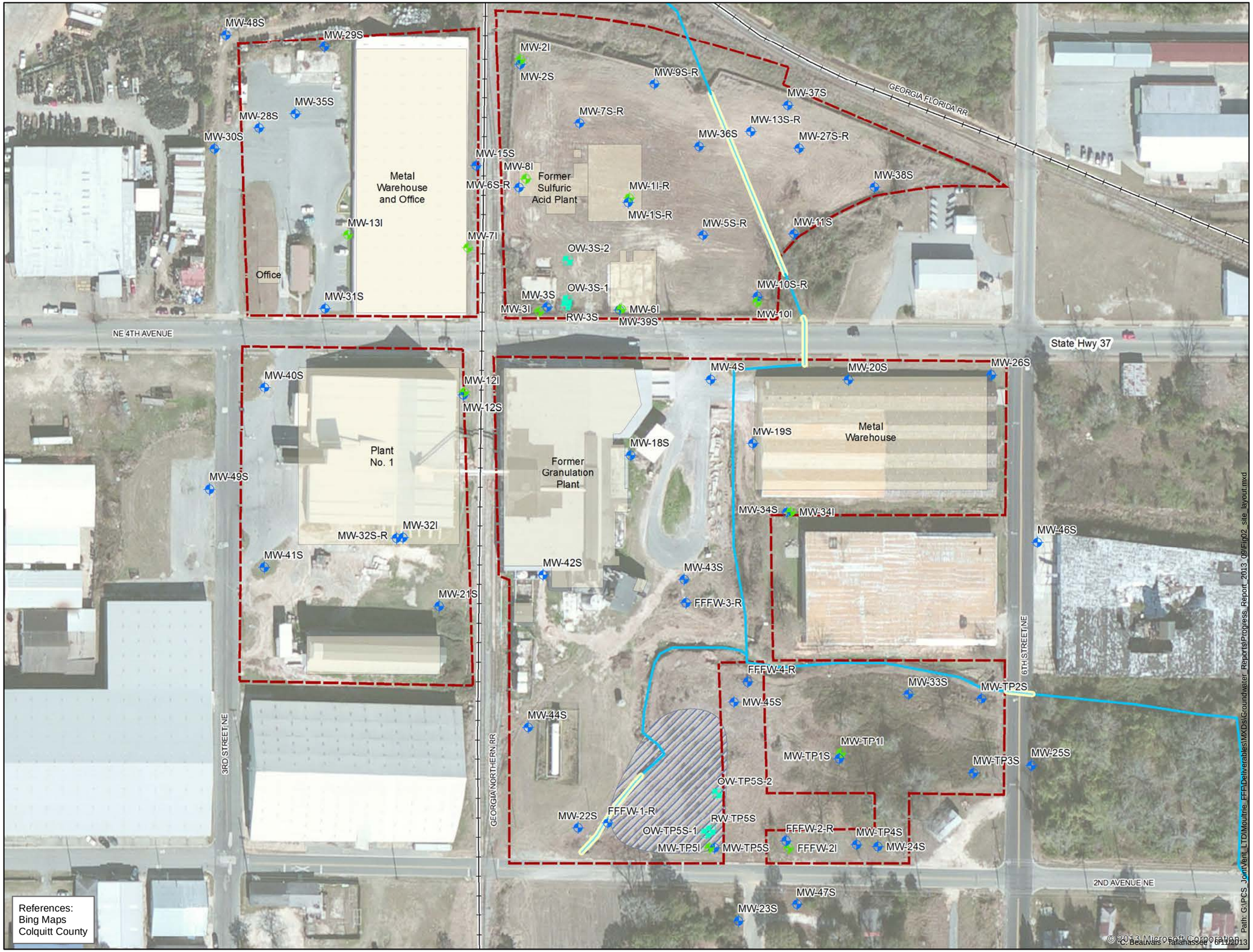
N

1,000 500 0 1,000 Feet

Coordinate System: Georgia Albers, HPGN, Meters

FORMER FARMERS FAVORITE FERTILIZER 315 4TH AVENUE NE MOULTRIE, GA	URS Tallahassee, Florida A. Mitchell - 07/12/2012 G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\FIG01_MOULTRIE.mxd	**SITE LOCATION** Figure 1

FORMER FARMERS FAVORITE FERTILIZER 315 4TH AVENUE NE MOULTRIE, GA



Shallow Monitoring Well

Intermediate Monitoring Well

Test Well

Concrete Culvert or Pipe

Creek

Approximate Site Boundary

Railroad

Former Treatment Ponds

Current or Historic Building

Coordinate System:
NAD 1983 Stateplane Georgia West, Feet

N

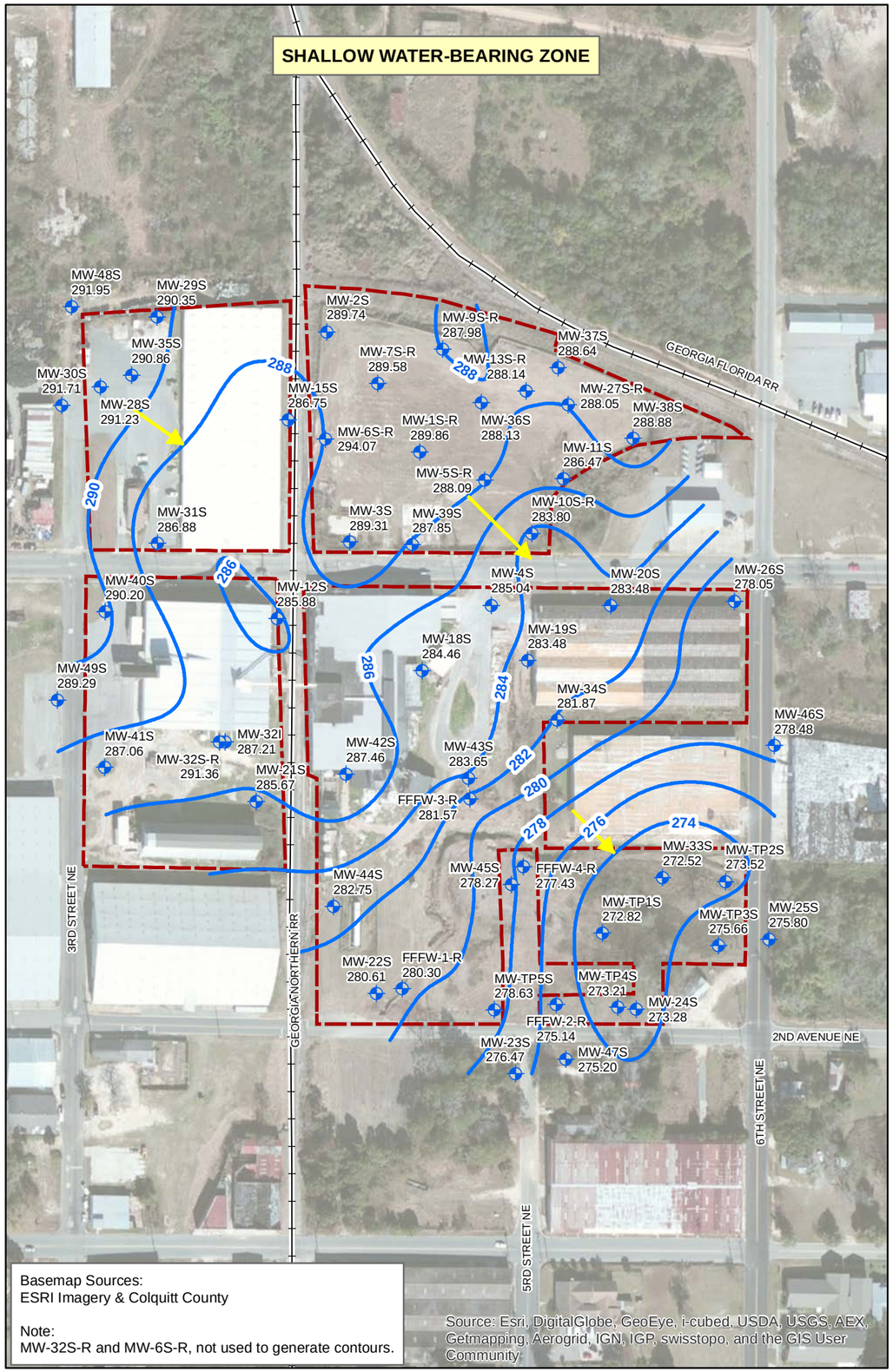
100 50 0 100 Feet

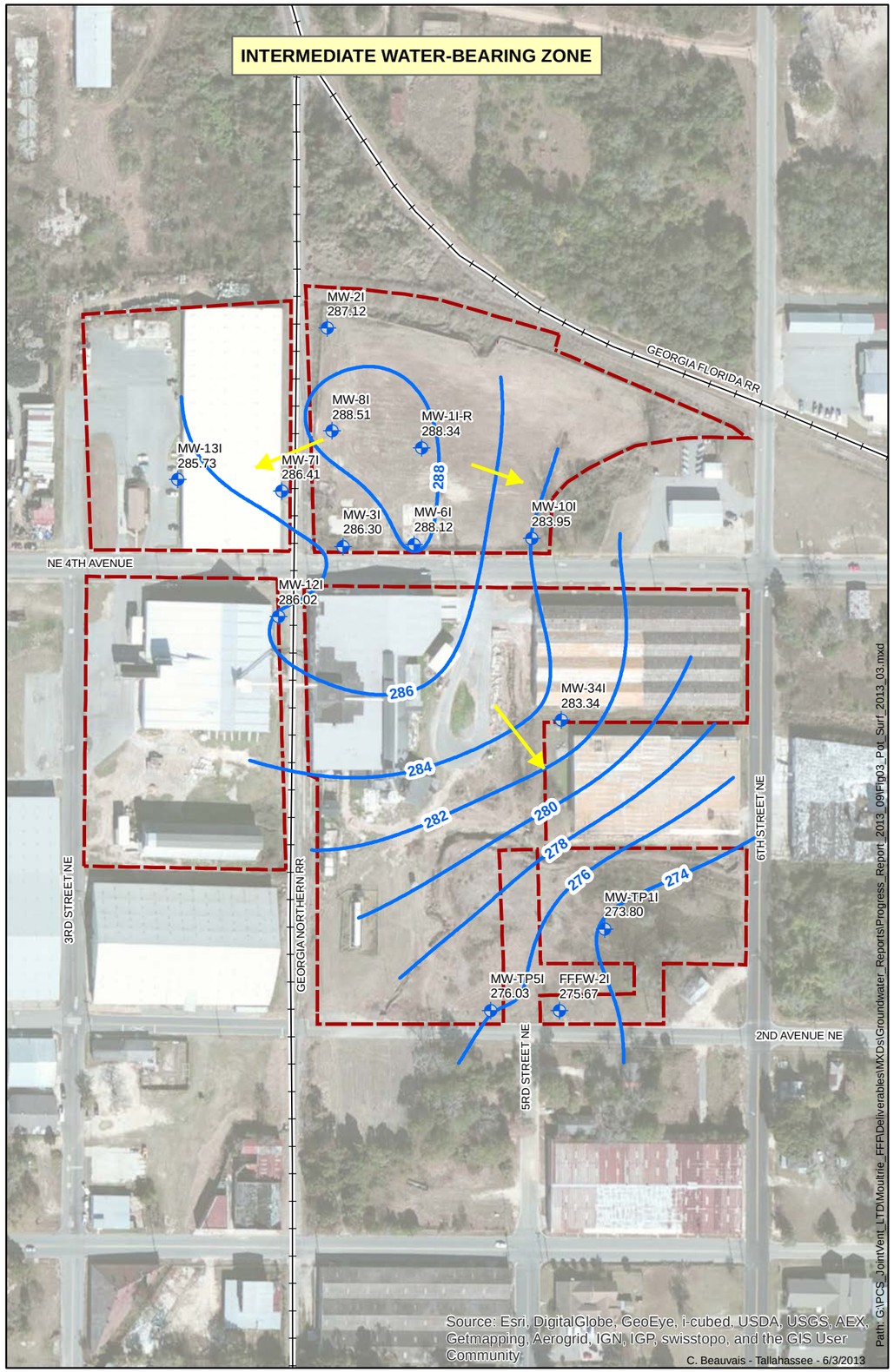
30 15 0 30 Meters

Figure
2

SITE MONITORING WELL LOCATIONS

URS
Tallahassee, Florida





FORMER FARMERS FAVORITE FERTILIZER 315 4TH AVENUE NE MOULTRIE, GA

MW-3I Monitoring Well ID
286.30 Groundwater Elevation (ft NAVD 88)

Potentiometric Surface Contour (ft NAVD88)

Groundwater Flow Direction

Railroad

Approximate Site Boundary

NOTE:
NM = Not Measured
NAVD88 = North American Vertical Datum 1988

Coordinate System:
NAD 1983 Stateplane Georgia West, Feet

N

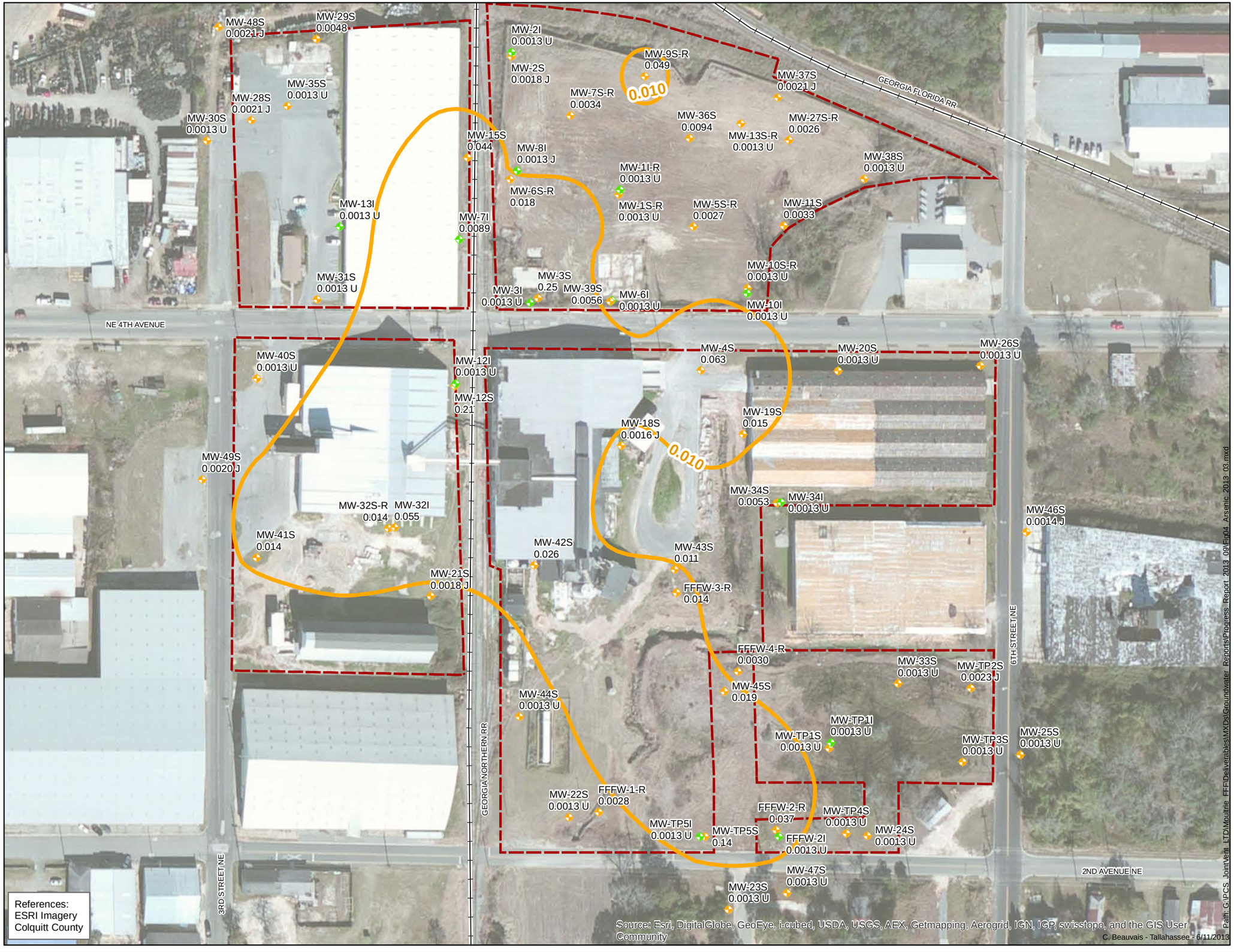
200 100 0 200 Feet

50 25 0 50 Meters

Figure
3

POTENTIOMETRIC SURFACES OF UPPER CONFINING UNIT WATER-BEARING ZONES
MARCH 11, 2013

URS
Tallahassee, Florida



FORMER FARMERS FAVORITE FERTILIZER 315 4TH AVENUE NE MOULTRIE, GA

Water-Bearing Zone Wells

- Shallow Monitioring Well
- Intermediate Monitioring Well
- Arsenic Isocontour, mg/L Shallow Zone
- Railroad
- Approximate Site Boundary

NOTES:
Reference Value for Arsenic is 0.010 mg/L
U = Not detected
J = Result less than reporting limit, but greater than or equal to the method detection limit

MW-32I is screened at an elevation similar to other shallow wells and is, therefore, considered a shallow zone monitoring well.

Coordinate System:
Georgia State Plane, West Zone, NAD 83, Feet

N

100 50 0 100 Feet

25 12.5 0 25 Meters

Figure
4

ARSENIC CONCENTRATIONS IN WATER-BEARING ZONES OF THE UPPER CONFINING UNIT MARCH 2013

URS
Tallahassee, Florida

FORMER FARMERS FAVORITE FERTILIZER 315 4TH AVENUE NE MOULTRIE, GA

Water-Bearing Zone Wells

- Shallow Monitioring Well
- Intermediate Monitioring Well
- Barium Isocontour, mg/L Shallow Zone
- Barium Isocontour, mg/L Intermediate Zone
- Railroad
- Approximate Site Boundary

NOTES:
Reference Value for Barium is 2 mg/L
NA = Not Analyzed

MW-32I is screened at an elevation similar to other shallow wells and is, therefore, considered a shallow zone monitoring well.

Coordinate System:
Georgia State Plane, West Zone, NAD 83, Feet

N

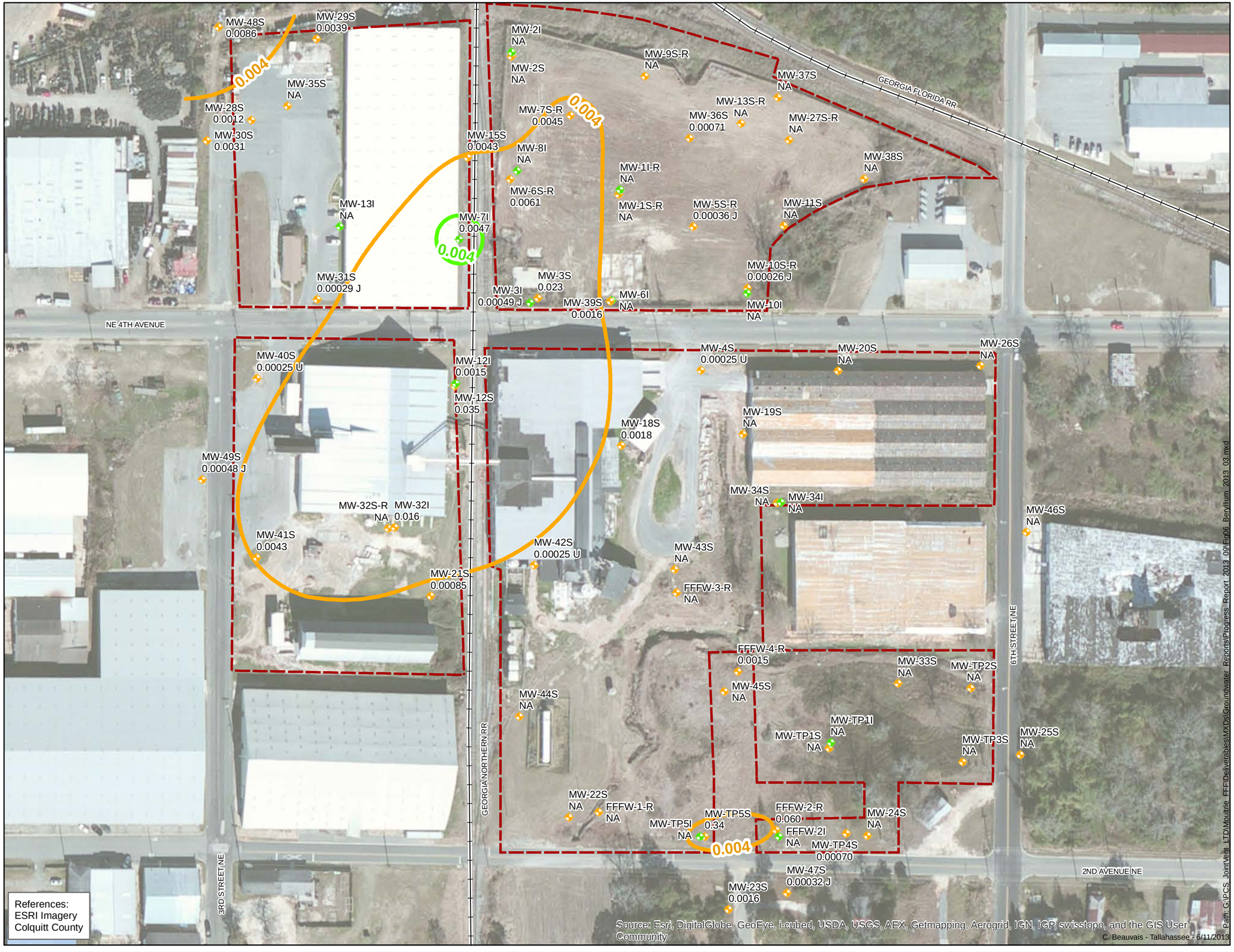
100 50 0 100 Feet

25 12.5 0 25 Meters

Figure
5

BARIUM CONCENTRATIONS IN WATER-BEARING ZONES OF THE UPPER CONFINING UNIT MARCH 2013

URS
Tallahassee, Florida



FORMER FARMERS FAVORITE FERTILIZER 315 4TH AVENUE NE MOULTRIE, GA

Water-Bearing Zone Wells

- Shallow Monitioring Well
- Intermediate Monitioring Well
- Beryllium Isocontour, mg/L Intermediate Zone
- Beryllium Isocontour, mg/L Shallow Zone
- Railroad
- Approximate Site Boundary

NOTES:
Reference Value for Beryllium is 0.004 mg/L
U = Not detected
J = Result less than reporting limit, but greater than or equal to the method detection limit
NA = Not Analyzed

MW-32I is screened at an elevation similar to other shallow wells and is, therefore, considered a shallow zone monitoring well.

Coordinate System:
Georgia State Plane, West Zone, NAD 83, Feet

N

100 50 0 100 Feet

25 12.5 0 25 Meters

Figure
6

BERYLLIUM CONCENTRATIONS IN WATER-BEARING ZONES OF THE UPPER CONFINING UNIT MARCH 2013

URS
Tallahassee, Florida

FORMER FARMERS FAVORITE FERTILIZER 315 4TH AVENUE NE MOULTRIE, GA

Water-Bearing Zone Wells

- Shallow Monitioring Well
- Intermediate Monitioring Well
- Cadmium Isocontour, mg/L Shallow Zone
- Railroad
- Approximate Site Boundary

NOTES:
Reference Value for Cadmium is 0.005 mg/L
U = Not detected
J = Result less than reporting limit, but greater than or equal to the method detection limit
NA = Not Analyzed

MW-32I is screened at an elevation similar to other shallow wells and is, therefore, considered a shallow zone monitoring well.

Coordinate System:
Georgia State Plane, West Zone, NAD 83, Feet

N

100 50 0 100 Feet

25 12.5 0 25 Meters

Figure 7

CADMIUM CONCENTRATIONS IN WATER-BEARING ZONES OF THE UPPER CONFINING UNIT MARCH 2013

URS
Tallahassee, Florida

FORMER FARMERS FAVORITE FERTILIZER 315 4TH AVENUE NE MOULTRIE, GA

Water-Bearing Zone Wells

- Shallow Monitioring Well
- Intermediate Monitioring Well
- Copper Isocontour, mg/L Shallow Zone
- Railroad
- Approximate Site Boundary

NOTES:
Reference Value for Copper is 1.3 mg/L
U = Not detected
J = Result less than reporting limit, but greater than or equal to the method detection limit
NA = Not Analyzed

MW-32I is screened at an elevation similar to other shallow wells and is, therefore, considered a shallow zone monitoring well.

Coordinate System:
Georgia State Plane, West Zone, NAD 83, Feet

N

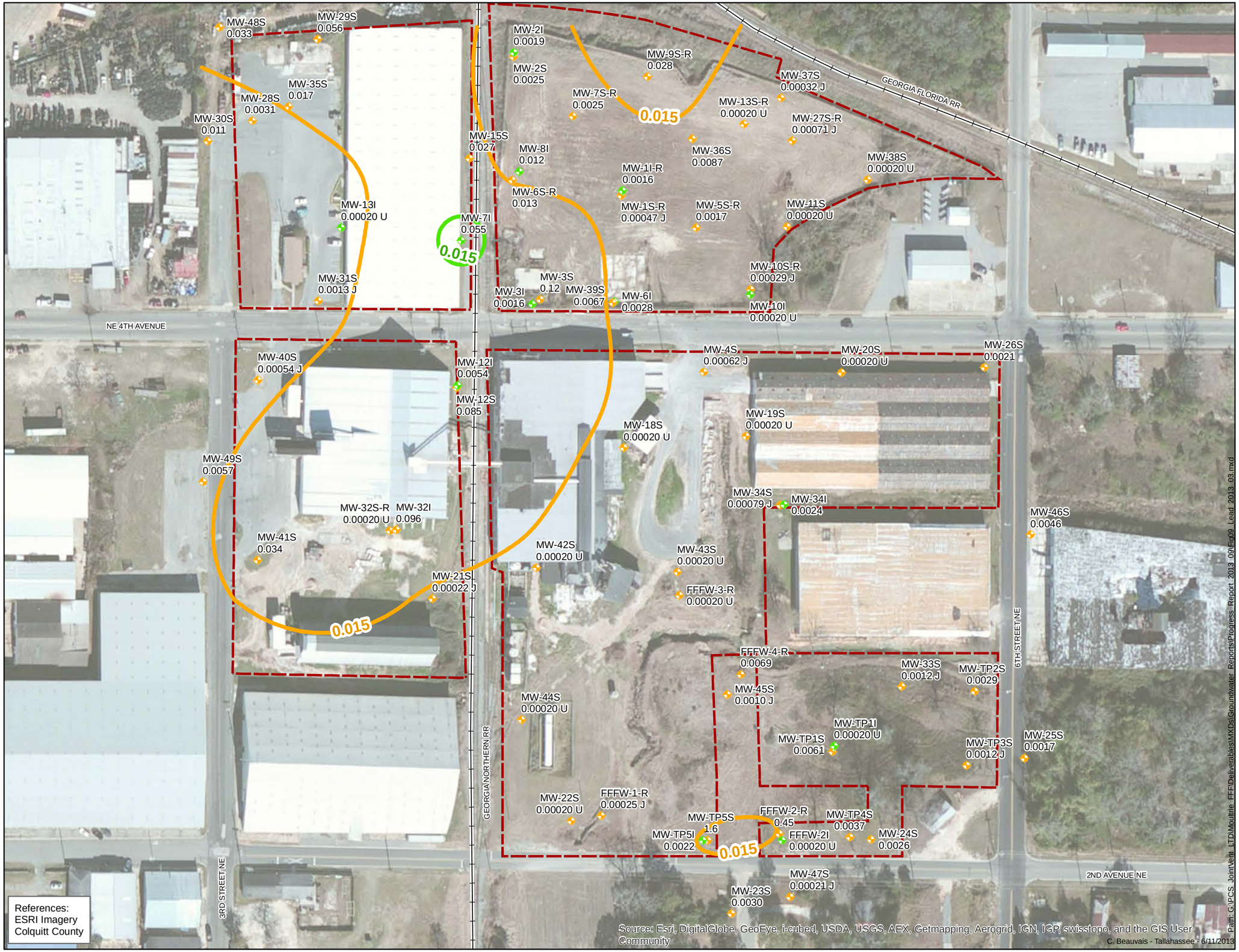
100 50 0 100 Feet

25 12.5 0 25 Meters

Figure 8

COPPER CONCENTRATIONS IN WATER-BEARING ZONES OF THE UPPER CONFINING UNIT MARCH 2013

URS
Tallahassee, Florida



FORMER FARMERS FAVORITE FERTILIZER 315 4TH AVENUE NE MOULTRIE, GA

Water-Bearing Zone Wells

- Shallow Monitioring Well
- Intermediate Monitioring Well
- Lead Isocontour, mg/L Shallow Zone
- Lead Isocontour, mg/L Intermediate Zone
- Railroad
- Approximate Site Boundary

NOTES:
Reference Value for Lead is 0.015 mg/L
U = Not detected
J = Result less than reporting limit, but greater than or equal to the method detection limit
NA = Not Analyzed

MW-32I is screened at an elevation similar to other shallow wells and is, therefore, considered a shallow zone monitoring well.

Coordinate System:
Georgia State Plane, West Zone, NAD 83, Feet

N

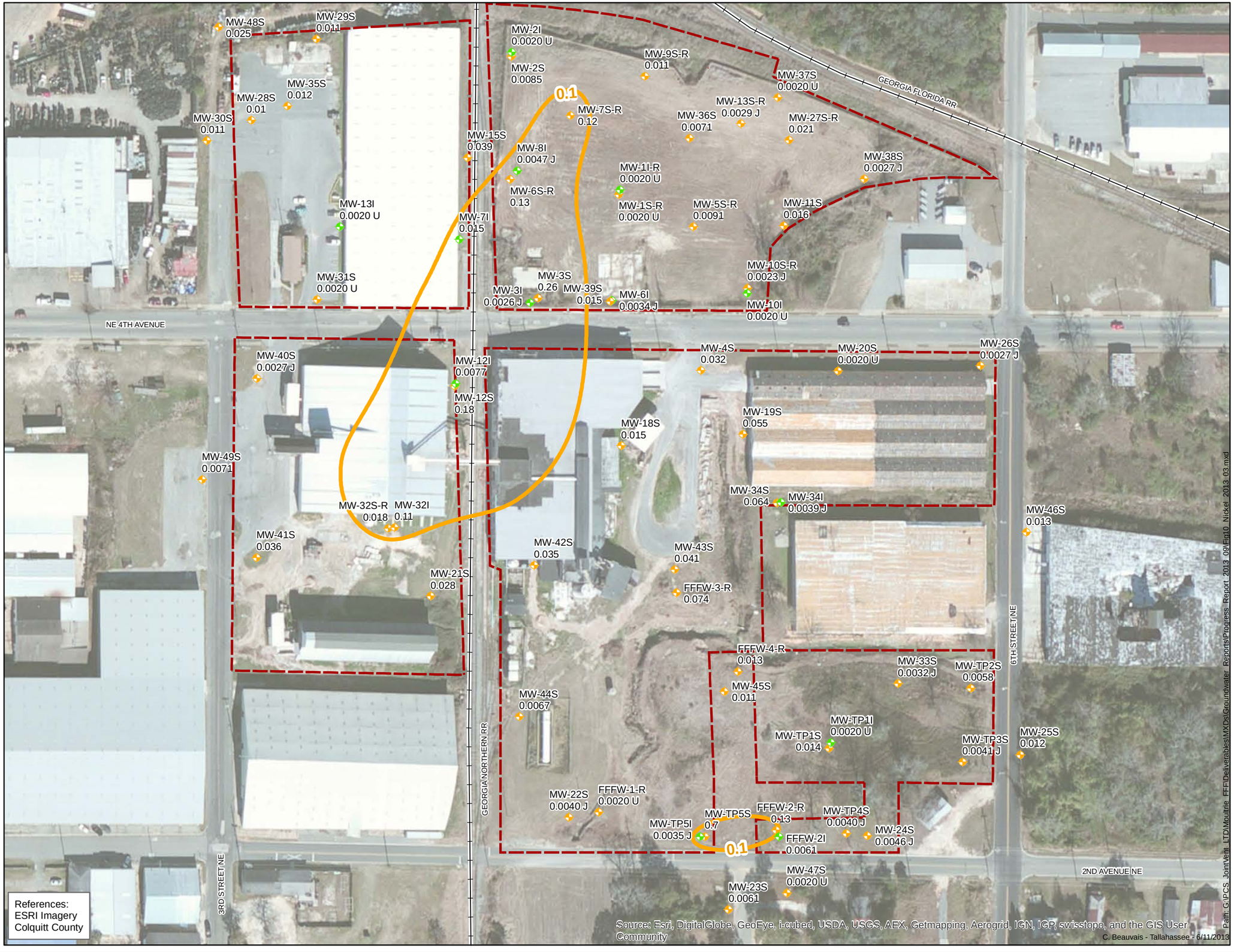
100 50 0 100 Feet

25 12.5 0 25 Meters

Figure
9

LEAD CONCENTRATIONS IN WATER-BEARING ZONES OF THE UPPER CONFINING UNIT MARCH 2013

URS
Tallahassee, Florida



FORMER FARMERS FAVORITE FERTILIZER 315 4TH AVENUE NE MOULTRIE, GA

Water-Bearing Zone Wells

- Shallow Monitioring Well
- Intermediate Monitioring Well
- Nickel Isocontour, mg/L Shallow Zone
- Railroad
- Approximate Site Boundary

NOTES:
Reference Value for Nickel is 0.1 mg/L
U = Not detected
J = Result less than reporting limit, but greater than or equal to the method detection limit
NA = Not Analyzed

MW-32I is screened at an elevation similar to other shallow wells and is, therefore, considered a shallow zone monitoring well.

Coordinate System:
Georgia State Plane, West Zone, NAD 83, Feet

N

100 50 0 100 Feet

25 12.5 0 25 Meters

Figure
10

NICKEL CONCENTRATIONS IN WATER-BEARING ZONES OF THE UPPER CONFINING UNIT MARCH 2013

URS
Tallahassee, Florida

FORMER FARMERS FAVORITE FERTILIZER 315 4TH AVENUE NE MOULTRIE, GA

Water-Bearing Zone Wells

- Shallow Monitioring Well
- Intermediate Monitioring Well
- Selenium Isocontour, mg/L Shallow Zone
- Railroad
- Approximate Site Boundary

NOTES:
Reference Value for Selenium is 0.05 mg/L
U = Not detected
J = Result less than reporting limit, but greater than or equal to the method detection limit
NA = Not Analyzed

MW-32I is screened at an elevation similar to other shallow wells and is, therefore, considered a shallow zone monitoring well.

Coordinate System:
Georgia State Plane, West Zone, NAD 83, Feet

N

100 50 0 100 Feet

25 12.5 0 25 Meters

Figure
11

SELENIUM CONCENTRATIONS IN WATER-BEARING ZONES OF THE UPPER CONFINING UNIT MARCH 2013

URS
Tallahassee, Florida

FORMER FARMERS FAVORITE FERTILIZER 315 4TH AVENUE NE MOULTRIE, GA

Water-Bearing Zone Wells

- Shallow Monitioring Well
- Intermediate Monitioring Well
- Zinc Isocontour, mg/L Shallow Zone
- Railroad
- Approximate Site Boundary

NOTES:
Reference Value for Zinc is 2 mg/L
U = Not detected
J = Result less than reporting limit, but greater than or equal to the method detection limit
NA = Not Analyzed

MW-32I is screened at an elevation similar to other shallow wells and is, therefore, considered a shallow zone monitoring well.

Coordinate System:
Georgia State Plane, West Zone, NAD 83, Feet

N

100 50 0 100 Feet

25 12.5 0 25 Meters

Figure
12

ZINC CONCENTRATIONS IN WATER-BEARING ZONES OF THE UPPER CONFINING UNIT MARCH 2013

URS
Tallahassee, Florida

APPENDIX A

GEORGIA
GROUNDWATER SAMPLING LOG

41
44
85

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-1S-R	SAMPLE ID: MW-1S-R	DATE: 3/12/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 5.06	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (14.56 feet – 5.06 feet) X 0.16 gallons/foot = 1.52 x 3 = 4.56 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12	PURGING INITIATED AT: 1519	PURGING ENDED AT: 1650	TOTAL VOLUME PURGED (gallons): 7.28

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1644	~~8.5~~ 6.8	6.8	0.08	9.18	6.33	16.34	348	4.22	11.1	125.9	clear	none
1647	0.24	7.04	0.08	9.18	6.39	16.22	352	4.19	15.3	110.4	clear	none
1650	0.24	7.28	0.08	9.18	6.41	16.18	356	4.22	13.3	101.0	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1651	SAMPLING ENDED AT: 1657
PUMP OR TUBING DEPTH IN WELL (feet): 12	TUBING MATERIAL CODE: PE	FIELD-FILTERED: (Y) N Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-1S-R	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100
Filter	1	PE	250mL	HNO_3	—	—	6020	APP	100

REMARKS:
Total Depth: 14.55

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

37
26
63

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-1I-R	SAMPLE ID: MW-1I-R	DATE: 3/12/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 22 feet to 32 feet	STATIC DEPTH TO WATER (feet): 7.00	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 35 feet) + 0.25 gallons = 0.35 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32	PURGING INITIATED AT: 1523	PURGING ENDED AT: 1636	TOTAL VOLUME PURGED (gallons): 8.76

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1626	7.56	7.56	0.12	7.39	4.57	20.66	157	0.62	0.25	185.7	clear	none
1631	0.6	8.16	0.12	7.39	4.56	20.75	150	0.56	0.27	182.8	clear	none
1636	0.6	8.76	0.12	7.39	4.55	20.67	147	0.50	0.26	180.7	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1637	SAMPLING ENDED AT: 1640
PUMP OR TUBING DEPTH IN WELL (feet): 32	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-1I-R	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 37.04

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

60
5
27
92

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia

WELL NO: MW-2S	SAMPLE ID: MW-2S	DATE: 3/12/2013

PURGING DATA

72 mins

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 2.46	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (14.41 feet – 2.46 feet) X 0.16 gallons/foot = 1.92 x 3 = 5.76 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5	PURGING INITIATED AT: 1055	PURGING ENDED AT: 1233	TOTAL VOLUME PURGED (gallons): 7.84

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1227	7.36	7.36	0.08	2.97	3.87	16.02	643	5.94	0.82	135.9	clear	none
1230	0.24	7.6	0.08	2.97	3.91	16.09	644	5.78	0.60	134.6	clear	none
1233	0.24	7.84	0.08	2.97	3.90	16.08	644	5.86	0.58	136.1	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1234	SAMPLING ENDED AT: 1238
PUMP OR TUBING DEPTH IN WELL (feet): 5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-2S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 14.38 ft

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

4 / 8 / 12 — 4.5 mins

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-2I	SAMPLE ID: MW-2I	DATE: 3/12/2013

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 30 feet to 35 feet	STATIC DEPTH TO WATER (feet): 5.93	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 40 feet) + 0.25 gallons = 0.36 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32.5	PURGING INITIATED AT: 1056	PURGING ENDED AT: 1254	TOTAL VOLUME PURGED (gallons): 9.44

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1208	5.76	5.76	0.08	5.95	4.49	19.43	132	0.61	0.95	81.2	clear	none
1213	0.4	6.16	0.08	5.95	4.49	19.34	132	0.55	61.8	77.8	clear	none
1218	0.4	6.56	0.08	Dropped water level, messed up turbidity							clear	none
1244	2.08	8.64	0.08	5.95	4.56	19.38	136	0.64	3.80	84.5	clear	none
1249	0.4	9.04	0.08	5.95	4.56	19.60	132	0.56	2.50	82.0	clear	none
1254	0.4	9.44	0.08	5.95	4.56	19.56	131	0.50	1.81	80.9	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / Brittany Cromer	SAMPLING INITIATED AT: 1255	SAMPLING ENDED AT: 1300
PUMP OR TUBING DEPTH IN WELL (feet): 32.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y N — Filtration Equipment Type:	FILTER SIZE: 1.0 µm

FIELD DECONTAMINATION: PUMP Y N TUBING Y N (replaced) DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-2I	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 35.21

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

3
60
38
101

0838

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-3S	SAMPLE ID: MW-3S	DATE: 3/15/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 4.10	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (13.47 feet – 4.10 feet) X 0.16 gallons/foot = 1.5 x3 4.50 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X 0857 feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 6	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13	PURGING INITIATED AT: 0857	PURGING ENDED AT: 1110	TOTAL VOLUME PURGED (gallons): 7.32

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1038	6.06	6.06	0.06	9.14	3.07	18.48	3969	0.81	0.90	243.1	clear	none
1041	0.18	6.24	0.06	9.52	3.08	18.61	4174	0.75	1.01	252.5	clear	none
1044	0.18	6.42	0.06	9.87	3.09	18.61	4375	0.67	0.70	261.0	clear	none
1047	0.18	6.6	0.06	10.05	3.09	18.62	4533	0.61	0.68	268.5	clear	none
1050	0.18	6.78	0.06	10.28	3.09	19.00	4686	0.46	0.64	276.6	clear	none
1104	0.18	6.96	0.06	10.71	3.14	19.18	5018	0.33	0.85	301.2	clear	none
1107	0.18	7.14	0.06	10.93	3.15	19.27	5039	0.30	0.83	304.7	clear	none
1110	0.18	7.32	0.06	11.17	3.15	19.32	5046	0.28	0.91	308.7	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1111	SAMPLING ENDED AT: 1115
PUMP OR TUBING DEPTH IN WELL (feet): 13	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: (Y) ~~N~~ AB DUP-3	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-3S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100
DUP-3	1	PE	250mL	HNO_3	—	—	6020	APP	100

REMARKS:
Total Depth: 13.48 waterlevel would not stabilize DUP-3

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

4
100
16
~~00~~ 0838

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-3I	SAMPLE ID: MW-3I	DATE: 3/15/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 35 feet to 40 feet	STATIC DEPTH TO WATER (feet): 7.44	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 45 feet) + 0.25 gallons = 0.37 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 39.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 39.5	PURGING INITIATED AT: 0856	PURGING ENDED AT: 1022	TOTAL VOLUME PURGED (gallons): 8.6

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1016	8.0	8.0	0.1	7.53	4.70	21.03	216	0.20	1.03	85.5	clear	none
1019	0.3	8.3	0.1	7.53	4.68	21.09	217	0.17	1.24	85.4	clear	none
1022	0.3	8.6	0.1	7.53	4.71	21.12	219	0.17	1.12	87.7	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1023	SAMPLING ENDED AT: 1025
PUMP OR TUBING DEPTH IN WELL (feet): 39.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-3I	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 39.75

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

30 60 60 60 60 11 114min

.0815

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia

WELL NO: MW-4S	SAMPLE ID: MW-4S	DATE: 3/14/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 2.24	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (11.05 feet – 2.24 feet) X 0.16 gallons/foot = 1.51 x 3 = 4.53 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10	PURGING INITIATED AT: 0830	PURGING ENDED AT: 1328	TOTAL VOLUME PURGED (gallons): 5

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1311			0.04	7.71	6.30	19.06	13723	0.57	10.1	202.2	clear	none
1314	Due to rocks only purged 5gallons		0.04	7.71	6.30	19.03	13710	0.60	10.6	204.6	clear	none
1317			0.04	7.71	6.29	19.15	13585	0.53	11.8	206.5	clear	none
1322			0.04	7.71	6.30	18.99	11984	0.51	8.44	208.3	clear	none
1325			0.04	7.71	6.29	19.02	11350	0.49	6.47	208.5	clear	none
1328			0.04	7.71	6.30	19.04	10880	0.44	4.39	208.7	clear	none
											~~clear~~	~~none~~

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / BCromer	SAMPLING INITIATED AT: 1329	SAMPLING ENDED AT: 1335
PUMP OR TUBING DEPTH IN WELL (feet): 10	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-4S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 11.69 ft
Rock was stuck in tubing

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

37 60 11 100 1220

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-5S-R	SAMPLE ID: MW-5S-R	DATE: 3/13/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 5.00	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (16.49 feet – 5.00 feet) X 0.16 gallons/foot = 1.84 x 3 = 5.52 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7	PURGING INITIATED AT: 1223	PURGING ENDED AT: 1417	TOTAL VOLUME PURGED (gallons): 9.12

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1411	8.64	8.64	0.08	6.61	6.40	17.07	858	0.93	27.9	7.6	slight cloudy	none
1414	0.24	8.88	0.08	↓	6.36	17.16	861	0.91	28.0	13.2	slight cloudy	none
1417	0.24	9.12	0.08	↓	6.34	17.14	874	0.90	31.6	17.2	slight cloudy	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / BCromer	SAMPLING INITIATED AT: 1418	SAMPLING ENDED AT: 1423
PUMP OR TUBING DEPTH IN WELL (feet): 7	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-5S-R	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100
Filter	1	PE	250mL	HNO_3	—	—	6020	APP	100

REMARKS:
Total Depth: 16.51

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

32
60
60
60
34
186

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-65-R	SAMPLE ID: MW-65-R	DATE: 3/12/2013

PURGING DATA

87.5mins

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 5.83	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (16.75 feet – 5.83 feet) X 0.16 gallons/foot = 1.75 x 3 = 5.25 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9	PURGING INITIATED AT: 1028	PURGING ENDED AT: 1340	TOTAL VOLUME PURGED (gallons): 11.52

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1334	11.16	11.16	0.06	7.00	3.50	16.40	2852	0.56	0.72	323.2	clear	none
1337	0.18	11.34 ~~0.183~~	0.06	7.00	3.50	16.42	2848	0.57	0.63	320.2	clear	none
1340	0.18	~~0.~~ 11.52	0.06	7.00	3.51	16.42	2845	0.62	0.87	318.1	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / BCromer	SAMPLING INITIATED AT: 1341	SAMPLING ENDED AT: 1345
PUMP OR TUBING DEPTH IN WELL (feet): 9	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-65-R	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100
DUP-1	1	PE	250mL	HNO_3	—	—	6020	APP	100

REMARKS:
Total Depth: 16.76 DUP-1

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

20

1230

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-10I	SAMPLE ID: MW-10I	DATE: 3/13/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 28 feet to 33 feet	STATIC DEPTH TO WATER (feet): 5.23	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 35 feet) + 0.25 gallons = 0.34 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30	PURGING INITIATED AT: 1238	PURGING ENDED AT: 1318	TOTAL VOLUME PURGED (gallons): 4.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/l or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1258	2.00	2.00	0.10	5.42	5.01	21.81	198	0.30	1.78	106.2	clear	none
1303	0.5	2.5	0.10	↓	4.90	21.84	201	0.22	1.55	122.1	clear	none
1308	0.5	3.0	0.10		4.81	21.95	205	0.20	1.40	134.6	clear	none
1313	0.5	3.5	0.10		4.77	21.94	206	0.21	0.70	147.5	clear	none
1318	0.5	4.0	0.10		4.75	21.89	207	0.20	0.83	156.6	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1319	SAMPLING ENDED AT: 1325
PUMP OR TUBING DEPTH IN WELL (feet): 30	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-10I	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 33.44 ft

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

18
60
69
147

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia

WELL NO: MW-7S-R	SAMPLE ID: MW-7S-R	DATE: 3/12/2013

46mins

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 6.54	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (14.09 feet – 6.54 feet) X 0.16 gallons/foot = 1.21 x 3 = 3.63 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10	PURGING INITIATED AT: 1042	PURGING ENDED AT: 1315	TOTAL VOLUME PURGED (gallons): 12.24

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1309	11.76	11.76	0.08	7.97	3.16	16.45	2643	0.78	33.4	351.9	cloudy	none
1312	0.24	12.00	0.08	7.97	3.19	16.46	2631	0.79	25.2	362.1	cloudy	none
1315	0.24	12.24	0.08	7.97	3.20	16.45	2618	0.81	26.8	366.4	cloudy	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1316	SAMPLING ENDED AT: 1320
PUMP OR TUBING DEPTH IN WELL (feet): 10	TUBING MATERIAL CODE: PE	FIELD-FILTERED: (Y) N Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-7S-R	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100
Filter	1	PE	250mL	HNO_3	—	—	6020	APP	100

REMARKS:
Total Depth: 16.97
Long purge to get turbidity down

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

~~1329~~ 1524

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-7I	SAMPLE ID: MW-7I	DATE: 3/12/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 39.5 feet to 49.5 feet	STATIC DEPTH TO WATER (feet): 8.61	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 50 feet) + 0.25 gallons = 0.38 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 44.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 44.5	PURGING INITIATED AT: 1525	PURGING ENDED AT: 1608	TOTAL VOLUME PURGED (gallons): 4.3

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1543	1.8	1.8	0.10	9.83	3.90	20.52	1005	0.42	3.80	244.6	clear	none
1548	0.5	2.3	0.10	9.83	4.21	20.55	965	0.73	3.32	245.2	clear	none
1553	0.5	2.8	0.10	9.83	4.07	20.57	959	0.61	2.31	242.7	clear	none
1558	0.5	3.3	0.10	9.84	3.97	20.61	969	0.49	2.60	240.0	clear	none
1603	0.5	3.8	0.10	9.86	3.94	20.60	975	0.44	2.61	237.2	clear	none
1608	0.5	4.3	0.10	9.87	3.92	20.56	978	0.41	2.22	234.6	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1609	SAMPLING ENDED AT: 1615
PUMP OR TUBING DEPTH IN WELL (feet): 44.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-7I	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 49.72ft

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-8I	SAMPLE ID: MW-8I	DATE: 3/12/2013

PURGING DATA

4.5mins

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 30 feet to 35 feet	STATIC DEPTH TO WATER (feet): 11.30	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 40 feet) + 0.25 gallons = 0.36 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32.5	PURGING INITIATED AT: 1031	PURGING ENDED AT: 1155	TOTAL VOLUME PURGED (gallons): 6.72

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1145	5.92	592	0.08	11.39	4.13	20.06	279	0.68	1.19	94.1	clear	none
1150	0.4	6.32	0.08	11.39	4.17	20.12	276	0.55	0.60	92.7	clear	none
1155	0.4	6.72	0.08	11.39	4.15	20.02	275	0.62	0.68	89.3	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1156	SAMPLING ENDED AT: 1200
PUMP OR TUBING DEPTH IN WELL (feet): 32.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-8I	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: TD = 37.82ft

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

52
60
30
142

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-9S-R	SAMPLE ID: MW-9S-R	DATE: 3/12/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 4 feet to 15 feet	STATIC DEPTH TO WATER (feet): 5.48	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (16.72 feet – 5.48 feet) X 0.16 gallons/foot = 1.80 x 3 = 5.4 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8	PURGING INITIATED AT: 1508	PURGING ENDED AT: 1736	TOTAL VOLUME PURGED (gallons): 11.84

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1730	11.36	11.36	0.08	6.41	4.58	18.37	1154	0.33	0.35	156.3	clear	none
1733	0.24	11.6	0.08	↓	4.54	18.38	1163	0.31	0.34	159.5	clear	none
1736	0.24	11.84	0.08	↓	4.52	18.40	1165	0.32	1.23	162.1	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / BCromer	SAMPLING INITIATED AT: 1737	SAMPLING ENDED AT: 1745
PUMP OR TUBING DEPTH IN WELL (feet): 8	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y N	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-9S-R	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 16.71

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

49 3/51 50mins 0905

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-10S-R	SAMPLE ID: MW-10S-R	DATE: 3/13/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 6.27	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (16.52 feet – 6.27 feet) X 0.16 gallons/foot = 1.65 x 3 = 4.95 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11	PURGING INITIATED AT: 0911	PURGING ENDED AT: 1008	TOTAL VOLUME PURGED (gallons): 5.7

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1002	5.1	5.1	0.10	9.36	5.30	16.69	177	0.47	4.11	101.3	clear	none
1005	0.3	5.4	0.10	↓	5.29	16.72	179	0.53	4.54	103.6	clear	none
1008	0.3	5.7	0.10	↓	5.33	16.76	180	0.51	4.57	105.2	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1009	SAMPLING ENDED AT: 1015
PUMP OR TUBING DEPTH IN WELL (feet): 11	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-10S-R	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 16.54 ft

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

15 min x 9 m

0905

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-10I	SAMPLE ID: MW-10I	DATE: 3/13/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 35 feet to 40 feet	STATIC DEPTH TO WATER (feet): 5.10	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 40 feet) + 0.25 gallons = 0.36 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 37.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 37.5	PURGING INITIATED AT: 0914	PURGING ENDED AT: 0951	TOTAL VOLUME PURGED (gallons): 3.7

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
0929	1.5	1.5	0.10	7.60	6.10	18.99	89	1.54	1.50	104.6	clear	none
0936	0.7	2.2	0.10	↓	5.81	19.18	88	0.78	1.97	99.0	clear	none
0941	0.5	2.7	0.10	↓	5.73	19.26	85	0.69	2.85	93.7	clear	none
0946	0.5	3.2	0.10	↓	5.70	19.33	82	0.76	2.62	88.1	clear	none
0951	0.5	3.7	0.10	↓	5.68	19.49	80	0.87	2.17	79.7	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 0952	SAMPLING ENDED AT: 0957
PUMP OR TUBING DEPTH IN WELL (feet): 37.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-10I	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 41.97 ft

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

60 / 36 / 96
1200

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-11S	SAMPLE ID: MW-11S	DATE: 3/13/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 4.31	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (13.12 feet – 4.31 feet) X 0.16 gallons/foot = 1.41 x 3 = 4.23 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7	PURGING INITIATED AT: 1214	PURGING ENDED AT: 1359	TOTAL VOLUME PURGED (gallons): 4.2

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1350	3.84	3.84	0.04	4.56	6.48	16.11	1457	0.50	2.45	50.6	clear	none
1353	0.12	3.96	0.04	4.56	6.51	16.10	1464	0.28	2.41	32.5	clear	none
1356	0.12	4.08	0.04	4.56	6.54	16.15	1465	0.29	1.92	18.0	clear	none
1359	0.12	4.2	0.04	4.56	6.56	16.15	1466	0.34	1.82	5.2	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / BCromer	SAMPLING INITIATED AT: 1400	SAMPLING ENDED AT: 1405
PUMP OR TUBING DEPTH IN WELL (feet): 7	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-11S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 13.13

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

59
22
81
1556

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-12S	SAMPLE ID: MW-12S	DATE: 3/13/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 15 feet to 25 feet	STATIC DEPTH TO WATER (feet): 9.66	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (24.46 feet – 9.66 feet) X 0.16 gallons/foot = 2.37 x 3 = 7.11 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14	PURGING INITIATED AT: 1601	PURGING ENDED AT: 1728	TOTAL VOLUME PURGED (gallons): 6.96

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1722	6.48	6.48	0.08	11.83	3.26	21.00	7877	0.23	1.20	271.9	clear	none
1725	0.24	6.72	0.08	11.83	3.26	20.96	7959	0.23	1.06	288.2	clear	none
1728	0.24	6.96	0.08	11.83	3.27	20.95	7951	0.25	0.86	291.7	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1729	SAMPLING ENDED AT: 1735
PUMP OR TUBING DEPTH IN WELL (feet): 14	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: (Y) N AB	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-12S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100
DUP-6	1	PE	250mL	HNO_3	—	—	6020	APP	100

REMARKS:
Total Depth: 24.75 DUP-6

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

57

1556

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-12I	SAMPLE ID: MW-12I	DATE: 3/13/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 35 feet to 38 feet	STATIC DEPTH TO WATER (feet): 9.62	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 40 feet) + 0.25 gallons = 0.36 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 36	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 36	PURGING INITIATED AT: 1603	PURGING ENDED AT: 1715	TOTAL VOLUME PURGED (gallons): 5.76

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1700	4.56	4.56	0.08	9.76	4.33	21.57	379	0.32	1.20	130.4	clear	none
1705	0.4	4.96	0.08	9.76	4.25	21.54	381	0.35	1.01	153.2	clear	none
1710	0.4	5.36	0.08	9.76	4.22	21.38	382	0.31	1.11	172.3	clear	none
1715	0.4	5.76	0.08	9.76	4.20	21.34	382	0.22	0.91	185.5	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1716	SAMPLING ENDED AT: 1720
PUMP OR TUBING DEPTH IN WELL (feet): 36	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-12I	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 38.46ft

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

7 6 min
8 100 25 03 0830

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-13S-R	SAMPLE ID: MW-13S-R	DATE: 3/13/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 4.28	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (16.87 feet – 4.28 feet) X 0.16 gallons/foot = 2.02 x 3 = 6.06 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7	PURGING INITIATED AT: 0852	PURGING ENDED AT: 1031	TOTAL VOLUME PURGED (gallons): 7.92

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1025	7.44	7.44	0.08	4.98	5.98	17.27	554	0.46	0.68	115.3	clear	none
1028	0.24	7.68	0.08	4.98	5.99	17.30	561	0.37	0.66	111.8	clear	none
1031	0.24	7.92	0.08	4.98	5.99	17.30	566	0.34	0.95	110.6	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / Brittany Cromer	SAMPLING INITIATED AT: 1032	SAMPLING ENDED AT: 1035
PUMP OR TUBING DEPTH IN WELL (feet): 7	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-13S-R	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 16.89

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

1611

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-13I	SAMPLE ID: MW-13I	DATE: 3/13/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 44 feet to 54 feet	STATIC DEPTH TO WATER (feet): 13.46	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 55 feet) + 0.25 gallons = 0.40 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 49	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 49	PURGING INITIATED AT: 1618	PURGING ENDED AT: 1644	TOTAL VOLUME PURGED (gallons): 1.3

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1629	0.55	0.55	0.05	17.22	7.34	22.11	87	5.45	4.80	-3.8	clear	none
1634	0.25	0.8	0.05	17.22	7.32	22.06	87	5.85	2.09	4.4	clear	none
1639	0.25	1.05	0.05	17.22	7.316	22.05	87	5.86	2.51	10.0	clear	none
1644	0.25	1.3	0.05	17.22	7.41	22.05	89	5.83	2.06	13.5	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1645	SAMPLING ENDED AT: 1650
PUMP OR TUBING DEPTH IN WELL (feet): 49	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-13I	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 53.82ft

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

12 60 43 / 115 1530

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-15S	SAMPLE ID: MW-15S	DATE: 3/13/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 10 feet to 20 feet	STATIC DEPTH TO WATER (feet): 8.59	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (19.80 feet – 8.59 feet) X 0.16 gallons/foot = 1.80 x 3 = 5.4 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11	PURGING INITIATED AT: 1548	PURGING ENDED AT: 1749	TOTAL VOLUME PURGED (gallons): 9.68

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1743	9.2	9.2	0.08	9.02	3.58	19.46	1636	0.37	0.49	264.3	clear	none
1746	0.24	9.44	0.08	9.02	3.55	19.45	1602	0.24	0.36	274.8	clear	none
1749	0.24	9.68	0.08	9.02	3.55	19.44	1569	0.22	0.32	284.0	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1750	SAMPLING ENDED AT: 1755
PUMP OR TUBING DEPTH IN WELL (feet): 11	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-15S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 19.81 ft

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

8 60 60 33 161
71.63 min ≈ 72 min
0849

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-18S	SAMPLE ID: MW-18S	DATE: 3/14/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 3 feet to 13 feet	STATIC DEPTH TO WATER (feet): 0.89	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (12.77 feet – 0.89 feet) X 0.16 gallons/foot = 1.91 x 3 = 5.73 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 3	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 4	PURGING INITIATED AT: 0852	PURGING ENDED AT: 1145	TOTAL VOLUME PURGED (gallons): 13.84

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1133	12.88	12.88	0.08	1.55	4.82	18.07	664	0.27	0.51	127.2	clear	none
1136	0.24	13.12	0.08	1.55	4.78	18.20	658	0.22	0.52	128.6	clear	none
1139	0.24	13.36	0.08	1.55	4.66	18.28	660	0.22	0.36	129.2	clear	none
1142	0.24	13.6	0.08	1.55	4.71	18.42	657	0.20	0.38	130.0	clear	none
1145	0.24	13.84	0.08	1.55	4.70	18.38	653	0.20	0.36	129.8	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant B. Cromer	SAMPLING INITIATED AT: 1146	SAMPLING ENDED AT: 1150
PUMP OR TUBING DEPTH IN WELL (feet): 4	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-18S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 12.76

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

59
60
42
101

1350

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-19S	SAMPLE ID: MW-19S	DATE: 3/14/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 3 feet to 13 feet	STATIC DEPTH TO WATER (feet): 4.06	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (16.45 feet – 4.06 feet) X 0.16 gallons/foot = 1.99 x 2 = 3.98 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 6	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9	PURGING INITIATED AT: 1401	PURGING ENDED AT: 1648	TOTAL VOLUME PURGED (gallons): 10.02

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1642	9.66	9.66	0.06	7.01	5.03	16.76	2364	0.28	0.91	91.4	clear	none
1645	0.18	9.84	0.06	7.01	4.99	16.75	2393	0.25	0.62	101.0	clear	none
1648	0.18	10.02	0.06	7.01	4.97	16.73	2398	0.23	0.55	106.1	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1649	SAMPLING ENDED AT: 1655
PUMP OR TUBING DEPTH IN WELL (feet): 9	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-19S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 16.45

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

47
60
21
128

1410

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-20S	SAMPLE ID: MW-20S	DATE: 3/14/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 5 feet to 15 feet	STATIC DEPTH TO WATER (feet): 1.15	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (14.76 feet – 1.15 feet) X 0.16 gallons/foot = 2.18x3=6.54 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 3	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5	PURGING INITIATED AT: 1413	PURGING ENDED AT: 1627	TOTAL VOLUME PURGED (gallons): 8.04

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1621	7.68	7.68	0.06	2.91	6.24	15.30	348	0.37	0.87	28.6	clear	none
1624	0.18	7.86	0.06	2.91	6.26	15.29	347	0.24	0.68	15.9	clear	none
1627	0.18	8.04	0.06	2.91	6.29	15.24	347	0.23	0.70	2.2	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1628	SAMPLING ENDED AT: 1635
PUMP OR TUBING DEPTH IN WELL (feet): 5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-20S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 14.77

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

50
60
19
129 1608

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-21S	SAMPLE ID: MW-21S	DATE: 3/18/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 5 feet to 20 feet	STATIC DEPTH TO WATER (feet): 3.04	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (19.41 feet – 3.04 feet) X 0.16 gallons/foot = 2.62 x 3 7.86 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X 1610 feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11	PURGING INITIATED AT: 1410	PURGING ENDED AT: 1824	TOTAL VOLUME PURGED (gallons): 9.45

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1819	9.03	9.03	0.07	8.84	6.29	20.10	3960	0.53	5.93	167.6	clear	none
1821	0.21	9.24	0.07	8.84	6.30	20.06	3967	0.46	3.89	163.9	clear	none
1824	0.21	9.45	0.07	8.84	6.33	20.07	3965	0.51	6.31	159.3	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1825	SAMPLING ENDED AT: 1830
PUMP OR TUBING DEPTH IN WELL (feet): 11	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-21S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 19.51

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

95mins
11.
60.
60
60
62
~~22~~ 223

0740

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-22S	SAMPLE ID: MW-22S	DATE: 3/19/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 6.5 feet to 16.5 feet	STATIC DEPTH TO WATER (feet): 3.43	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (15.25 feet – 3.43 feet) X 0.16 gallons/foot = 1.90 x 3 = 5.7 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 6	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14	PURGING INITIATED AT: 0749	PURGING ENDED AT: 1138	TOTAL VOLUME PURGED (gallons): 13.74

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1132	13.38	13.38	0.06	11.53	6.26	17.93	479	0.42	3.12	44.3	clear	none
1135	0.18	13.56	0.06	↓	6.26	17.96	475	0.43	3.28	43.4	clear	none
1138	0.18	13.74	0.06	↓	6.27	18.01	475	0.40	1.42	41.4	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1139	SAMPLING ENDED AT: 1145
PUMP OR TUBING DEPTH IN WELL (feet): 14	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-22S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 15.26

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

-.27
60
26
113 1330

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-23S	SAMPLE ID: MW-23S	DATE: 3/19/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 22.5 feet to 32.5 feet	STATIC DEPTH TO WATER (feet): 13.01	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (31.38 feet – 13.01 feet) X 0.16 gallons/foot = 2.94 x 3 = 8.82 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 15	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17	PURGING INITIATED AT: 1333	PURGING ENDED AT: 1532	TOTAL VOLUME PURGED (gallons): 11.9

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1526	11.3	11.3	0.10	15.34	4.78	21.46	149	2.48	0.82	207.1	clear	none
1529	0.3	11.6	0.10	15.34	4.78	21.44	152	2.52	0.59	207.2	clear	none
1532	0.3	11.9	0.10	15.34	4.77	21.42	152	2.51	0.48	204.4	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016
PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1533	SAMPLING ENDED AT: 1540
PUMP OR TUBING DEPTH IN WELL (feet): 17	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-23S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 31.39

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

'27
53
80

1315

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-24S	SAMPLE ID: MW-24S	DATE: 3/19/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 20.75 feet to 30.75 feet	STATIC DEPTH TO WATER (feet): 12.72	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (29.04 feet – 12.72 feet) X 0.16 gallons/foot = 2.71 x 3 = 8.13 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 15	PURGING INITIATED AT: 1322	PURGING ENDED AT: 1459	TOTAL VOLUME PURGED (gallons): 8.6

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1453	8.0	8.0	0.10	13.10	4.76	22.23	94	4.41	0.83	208.8	clear	none
1456	0.3	8.3	0.10	13.10	4.76	22.24	93	4.47	1.24	209.5	clear	none
1459	0.3	8.6	0.10	13.10	4.76	22.27	93	4.43	1.85	209.5	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1500	SAMPLING ENDED AT: 1505
PUMP OR TUBING DEPTH IN WELL (feet): 15	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-24S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 29.65

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

33
60
14
107

1325

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-25S	SAMPLE ID: MW-25S	DATE: 3/20/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 5.25 feet to 15.25 feet	STATIC DEPTH TO WATER (feet): 4.62	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (14.18 feet – 4.62 feet) X 0.16 gallons/foot = 1.53 x 3 = 4.59 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7	PURGING INITIATED AT: 1327	PURGING ENDED AT: 1520	TOTAL VOLUME PURGED (gallons): 11.3

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1514	10.7	10.7	0.10	6.16	4.80	18.57	850	2.48	0.89	113.4	clear	none
1517	0.3	11.0	0.10	6.16	4.81	18.56	854	2.49	0.76	114.7	clear	none
1520	0.3	11.3	0.10	6.16	4.81	18.58	861	2.51	0.83	116.6	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1521	SAMPLING ENDED AT: 1527
PUMP OR TUBING DEPTH IN WELL (feet): 7	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-25S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 14.20

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

60 / 48 / 108 1406

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia

WELL NO: MW-26S	SAMPLE ID: MW-26S	DATE: 3/14/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 5 feet to 20 feet	STATIC DEPTH TO WATER (feet): 8.70	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (19.53 feet – 8.70 feet) X 0.16 gallons/foot = 1.14 x 3 = 5.22 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11	PURGING INITIATED AT: 1409	PURGING ENDED AT: 1606	TOTAL VOLUME PURGED (gallons): 7.02

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1557	6.48	6.48	0.06	9.40	5.25	21.39	340	2.73	0.59	115.2	clear	none
1600	0.18	6.66	0.06	9.40	5.16	21.35	211	2.65	0.47	92.0	clear	none
1603	0.18	6.84	0.06	9.40	5.13	21.32	169	2.68	0.40	90.2	clear	none
16006	0.18	7.02	0.06	9.40	5.11	21.40	145	2.68	0.39	85.7	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1606 1607 AB	SAMPLING ENDED AT: 1606 1610 AB

PUMP OR TUBING DEPTH IN WELL (feet): 11	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm

FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-26S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 19.54

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

0859

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-27S-R	SAMPLE ID: MW-27S-R	DATE: 3/13/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 3.86	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (16.95 feet – 3.86 feet) X 0.16 gallons/foot = 2.10 x 3 = 6.3 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 6	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6	PURGING INITIATED AT: 0903	PURGING ENDED AT: 1112	TOTAL VOLUME PURGED (gallons): 10.32

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1106	9.84	9.84	0.08	4.33	6.34	15.98	733	0.33	3.34	-74.0	clear	none
1109	0.24	10.08	0.08	4.33	6.36	15.95	735	0.35	2.29	-72.9	clear	none
1112	0.24	10.32	0.08	4.33	6.37	15.98	735	0.34	2.39	-71.8	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1113	SAMPLING ENDED AT: 1115
PUMP OR TUBING DEPTH IN WELL (feet): 6	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-27S-R	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 16.97

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

44
26
70

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-28S	SAMPLE ID: MW-28S	DATE: 3/14/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 16 feet to 26 feet	STATIC DEPTH TO WATER (feet): 10.11	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (23.56 feet – 10.11 feet) X 0.16 gallons/foot = 2.16 x 3 = 6.48 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12	PURGING INITIATED AT: 1716	PURGING ENDED AT: 1832	TOTAL VOLUME PURGED (gallons): 7.6

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1826	7.0	7.0	0.1	11.89	5.23	24.00	1203	0.25	60.6	86.8	cloudy	none
1829	0.3	7.3	0.1	11.89	5.19	24.01	1253	0.19	52.6	88.9	cloudy	none
1832	0.3	7.6	0.1	11.89	5.16	24.04	1293	0.15	38.7	90.7	cloudy	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant B Cromer	SAMPLING INITIATED AT: 1833	SAMPLING ENDED AT: 1835
PUMP OR TUBING DEPTH IN WELL (feet): 12	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type: AB	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-28S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100
Filter	1	PE	250 mL	HNO_3	—	—	6020 Dissolved	APP	100

REMARKS:
Total Depth: 23.31 High turbidity – well completely burried in fine sediment (~ 4 inches/very dirty) → run over by trucks

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

60
29
89

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-29S	SAMPLE ID: MW-29S	DATE: 3/14/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 19 feet to 29 feet	STATIC DEPTH TO WATER (feet): 9.62	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (29.21 feet – 9.62 feet) X 0.16 gallons/foot = 3.14 x 3 = 9.42 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12	PURGING INITIATED AT: 1715	PURGING ENDED AT: 1850	TOTAL VOLUME PURGED (gallons): 10.45

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1844	9.79	9.79	0.11	10.25	3.66	20.91	1726	0.23	0.66	131.5	clear	none
1847	0.33	10.12	0.11	10.25	3.65	20.88	1725	0.20	0.36	136.4	clear	none
1850	0.33	10.45	0.11	10.25	3.64	20.86	1723	0.18	0.45	137.5	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1851	SAMPLING ENDED AT: 1900
PUMP OR TUBING DEPTH IN WELL (feet): 12	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: (Y) N AB	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-29S	1	PE	250 mL	HNO_3	-----	-----	6020/1470	APP	100
DUP-2	1	PE	250mL	HNO_3	—	—	6020/1470	APP	100

REMARKS:
Total Depth: 29.37
DUP-2

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

116
60
60
60
60
16/2
0800

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-30S	SAMPLE ID: MW-30S	DATE: 3/15/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 18.5 feet to 38.5 feet	STATIC DEPTH TO WATER (feet): 10.86	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (38.97 feet – 10.86 feet) X 0.16 gallons/foot = 4.50 x 3 = 13.5 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14	PURGING INITIATED AT: 0814	PURGING ENDED AT: 1222	TOTAL VOLUME PURGED (gallons): 19.84

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/l or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1216	19.36	19.36	0.08	11.74	4.13	22.04	531	1.46	0.27	259.5	clear	none
1219	0.24	19.60	0.08	11.74	4.13	22.05	532	1.42	0.47	256.7	clear	none
1222	0.24	19.84	0.08	11.74	4.14	22.05	535	1.43	0.33	254.0	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / BCromer	SAMPLING INITIATED AT: 1223	SAMPLING ENDED AT: 1225
PUMP OR TUBING DEPTH IN WELL (feet): 14	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-30S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 38.92

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

16

212min
60
60
21
141

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia

WELL NO: MW-31S	SAMPLE ID: MW-31S	DATE: 3/19/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 19.5 feet to 39.5 feet	STATIC DEPTH TO WATER (feet): 10.58	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (39.75 feet – 10.58 feet) X 0.16 gallons/foot = 4.67 x 3 = 14.01 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32	PURGING INITIATED AT: 1014	PURGING ENDED AT: 0951	TOTAL VOLUME PURGED (gallons): ~~5.88~~ 10.7L

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
2000	10.88	10.88	0.04	water level would not stabilize, drew down to limit								
				beyond peristaltic pump capabilities								
3/20 0730	~~5.04~~		0.04									
0945	5.04	5.04	↓	28.25	4.73	21.58	77	5.91	88.8	193.6	cloudy	none
0948	0.12	5.76	↓	↓	4.72	21.71	75	5.92	89.1	195.7	cloudy	none
0951	0.12	5.88	↓	↓	4.74	21.70	73	5.81	89.4	195.6	cloudy	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 0952	SAMPLING ENDED AT: ~~0951~~ 1000
PUMP OR TUBING DEPTH IN WELL (feet): 32	TUBING MATERIAL CODE: PE	FIELD-FILTERED: (Y) N Filtration Equipment Type: 0.45	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-31S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100
filter	1	PE	250mL	HNO_3	—	—	dissolved 6020	APP	100

REMARKS:
Total Depth: 39.85

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

57
35
92

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-32S-R	SAMPLE ID: MW-32S-R	DATE: 3/18/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 3 feet to 13 feet	STATIC DEPTH TO WATER (feet): 5.41	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (15.77 feet – 5.41 feet) X 0.16 gallons/foot = 1.66 x 3 = 4.98 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7.5	PURGING INITIATED AT: 1703	PURGING ENDED AT: 1747	TOTAL VOLUME PURGED (gallons): 6.24

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1735	5.52	5.52	0.06	6.99	5.39	20.12	6210	0.39	2.86	183.5	yellow	none
1738	0.18	5.7	0.06	6.99	5.38	20.17	6223	0.45	2.66	188.4	yellow	none
1741	0.18	5.88	0.06	6.99	5.39	20.18	6252	0.78	2.57	188.8	yellow	none
1744	0.18	6.06	0.06	6.99	5.39	20.03	6281	0.77	2.51	189.9	yellow	none
1747	0.18	6.24	0.06	6.99	5.39	19.96	6297	0.59	2.61	189.5	yellow	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1740	SAMPLING ENDED AT: 1752
PUMP OR TUBING DEPTH IN WELL (feet): 7.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-32S-R	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 15.77

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

45
60
35
140 1309

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-33S	SAMPLE ID: MW-33S	DATE: 3/20/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 17 feet to 27 feet	STATIC DEPTH TO WATER (feet): 7.99	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (27.23 feet – 7.99 feet) X 0.16 gallons/foot = 3.08 x 3 = 9.24 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10	PURGING INITIATED AT: 1315	PURGING ENDED AT: 1541	TOTAL VOLUME PURGED (gallons): 17.52

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1535	16.8	16.8	0.12	8.32	5.09	19.50	123	5.22	1.48	105.6	clear	none
1538	0.30	17.16	0.12	8.32	5.08	19.50	123	5.19	1.17	107.9	clear	none
1541	0.30	17.52	0.12	8.32	5.07	19.47	125	5.07	1.25	111.4	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1542	SAMPLING ENDED AT: 1545
PUMP OR TUBING DEPTH IN WELL (feet): 10	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-33S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 27.25

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

59
60
40
159

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-32I	SAMPLE ID: MW-32I	DATE: 3/18/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 22 feet to 27 feet	STATIC DEPTH TO WATER (feet): 9.27	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (29.92 feet – 9.27 feet) X 0.16 gallons/foot = 3.3 x 3 = 9.9 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11	PURGING INITIATED AT: 1601	PURGING ENDED AT: 1846	TOTAL VOLUME PURGED (gallons): 16.5

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1840	15.9	15.9	0.10	9.76	3.66	22.95	2931	0.18	2.09	158.1	clear	none
1843	0.3	16.2	0.10	9.76	3.65	22.95	2924	0.19	1.19	159.9	clear	none
1846	0.3	16.5	0.10	9.76	3.64	22.93	2905	0.17	1.26	162.6	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1847	SAMPLING ENDED AT: 1855
PUMP OR TUBING DEPTH IN WELL (feet): 11	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: (Y) (N) AB	DUP-7

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-32I	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100
DUP-7	1	PE	250mL	HNO_3	—	—	6020	APP	100

REMARKS:
Total Depth: 29.92 DUP-7

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

60 19 / 79 1416

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-34S	SAMPLE ID: MW-34S	DATE: 3/14/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 4.5 feet to 14.5 feet	STATIC DEPTH TO WATER (feet): 2.77	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (14.77 feet – 2.77 feet) X 0.16 gallons/foot = 1.92x3=5.76 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6	PURGING INITIATED AT: 1419	PURGING ENDED AT: 1544	TOTAL VOLUME PURGED (gallons): 5.1

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1538	4.74	4.74	0.06	4.22	5.82	16.97	24500	0.39	0.89	220.8	clear	none
1541	0.18	4.92	0.06	4.22	5.82	16.86	24563	0.30	0.70	222.0	clear	none
1544	0.18	5.1	0.06	4.22	5.82	16.80	24572	0.31	0.58	222.7	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1545	SAMPLING ENDED AT: 1550
PUMP OR TUBING DEPTH IN WELL (feet): 6	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-34S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 14.69

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

1416

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-34I	SAMPLE ID: MW-34I	DATE: 3/14/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 38 feet to 43 feet	STATIC DEPTH TO WATER (feet): 4.17	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 50 feet) + 0.25 gallons = 0.38 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 40.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 40.5	PURGING INITIATED AT: 1421	PURGING ENDED AT: 1516	TOTAL VOLUME PURGED (gallons): 5.84

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1501	3.0	3.2	0.08	7.35 ~~5.92~~	5.92	19.93	83	3.79	479	65.5	cloudy	none
1506	0.4	3.6	↓	~~5.93~~	5.93	19.95	82	3.22	502	62.8	↓	↓
1511	0.4	4.0			5.93	19.92	83	3.36	435	62.7		
1516	0.4	4.4			5.94	19.90	83	3.84	425	60.5		
1519	0.24	4.64			5.93	20.07	83	3.63	362	62.3		
1524	0.4	5.04			5.94	20.05	83	3.61	361	60.8		
1529	0.4	5.44			5.93	20.04	83	3.60	362	61.8		
1534	0.4	5.84	↓	↓	5.93	20.05	83	3.60	360	62.1	↓	↓

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1535	SAMPLING ENDED AT: 1538
PUMP OR TUBING DEPTH IN WELL (feet): 40.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: (Y) N Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-34I	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100
Filter	1	PE	250mL	HNO_3	—	—	6020 Dissolved	APP	100

REMARKS:
Total Depth: 45.62 ft

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

51
60
4
115
1606

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-35S	SAMPLE ID: MW-35S	DATE: 3/13/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 15 feet to 25 feet	STATIC DEPTH TO WATER (feet): 9.60	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (24.61 feet – 9.60 feet) X 0.16 gallons/foot = 2.42 x 3 = 7.26 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12	PURGING INITIATED AT: 1609	PURGING ENDED AT: 1810	TOTAL VOLUME PURGED (gallons): 9.68

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1804	9.2	9.2	0.08	10.00	3.89	23.56	670	0.51	0.63	276.3	clear	none
1807	0.24	9.44	0.08	↓	3.90	23.76	654	0.36	0.50	277.3	clear	none
1810	0.24	9.68	0.08	↓	3.91	23.89	651	0.39	0.53	278.6	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant B.S. Cromer	SAMPLING INITIATED AT: 1811	SAMPLING ENDED AT: 1815
PUMP OR TUBING DEPTH IN WELL (feet): 12	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-35S	1	PE	250 mL	HNO_3	-----	-----	6020/1470	APP	100
BC ~~MW-35S~~	~~1~~	~~PE~~	~~250mL~~	~~HNO_3~~	~~—~~	~~—~~	~~1470~~	~~APP~~	~~100~~

REMARKS:
Total Depth: 24.58ft

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

47
60
7
114

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia

WELL NO: MW-36S	SAMPLE ID: MW-36S	DATE: 3/12/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 4.84	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (16.57 feet – 4.84 feet) X 0.16 gallons/foot = 1.88 x 3 = 5.64 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8	PURGING INITIATED AT: 1513	PURGING ENDED AT: 1716	TOTAL VOLUME PURGED (gallons): 9.84

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1707	9.12	9.12	0.08	5.21	5.70	17.94	442	0.78	9.34	112.9	clear	none
1710	0.24	9.36	0.08	5.21	5.666	17.86	443	0.57	9.19	113.1	clear	none
1713	0.24	9.6	0.08	5.21	5.68	17.75	442	0.51	9.12	111.1	clear	none
1716	0.24	9.84	0.08	5.21	5.68	17.73	441	0.50	9.28	114.7	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1717	SAMPLING ENDED AT: 1725

PUMP OR TUBING DEPTH IN WELL (feet): 8	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm

FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N) (replaced) DUPLICATE: (Y) N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-36S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100
DUP-5	↓	↓	↓	↓	—	—	↓	↓	↓

REMARKS:
Total Depth: 16.58 DUP-5

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

2 60 49 / 111 0855

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia

WELL NO: MW-37S	SAMPLE ID: MW-37S	DATE: 3/13/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 6 feet to 16 feet	STATIC DEPTH TO WATER (feet): 3.82	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (18.81 feet – 3.82 feet) X 0.16 gallons/foot = 2.40 x 3 = 7.2 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 6	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6	PURGING INITIATED AT: 0858	PURGING ENDED AT: 1055	TOTAL VOLUME PURGED (gallons): 9.36

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/l or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1049	8.88	8.88	0.08	5.70	6.79	18.05	853	0.29	1.94	-112.0	clear	none
1052	0.24	9.12	0.08	5.70	6.81	18.07	858	0.29	1.84	-112.4	clear	none
1055	0.24	9.36	0.08	5.70	6.81	18.08	862	0.31	1.82	-115.9	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1056	SAMPLING ENDED AT: 1100
PUMP OR TUBING DEPTH IN WELL (feet): 6	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-37S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 18.82 ft

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

33
60
37
130 1225

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-38S	SAMPLE ID: MW-38S	DATE: 3/13/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 6 feet to 16 feet	STATIC DEPTH TO WATER (feet): 3.97	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (19.07 feet – 3.97 feet) X 0.16 gallons/foot = 2.42 x 3 = 7.26 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 6	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6	PURGING INITIATED AT: 1227	PURGING ENDED AT: 1443	TOTAL VOLUME PURGED (gallons): 10.88

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1437	10.4	10.4	0.08	4.40	6.31	16.41	276	0.18	3.61	23.8	clear	none
1440	0.24	10.64	0.08	4.40	6.28	16.37	276	0.15	4.28	22.0	clear	none
1443	0.24	10.88	0.08	4.40	6.26	16.34	274	0.16	2.82	20.8	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant B. Cromer	SAMPLING INITIATED AT: 1444	SAMPLING ENDED AT: 1450
PUMP OR TUBING DEPTH IN WELL (feet): 6	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-38S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 19.05

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

23/28/51 1230

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-39S	SAMPLE ID: MW-39S	DATE: 3/13/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 6 feet to 16 feet	STATIC DEPTH TO WATER (feet): 5.45	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (15.47 feet – 5.45 feet) X 0.16 gallons/foot = 1.61 x 3 = 4.83 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8	PURGING INITIATED AT: 1237	PURGING ENDED AT: 1334	TOTAL VOLUME PURGED (gallons): 5.7

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1328	5.1	5.1	~~0.08~~ 0.10	5.57	4.32	20.38	495	0.46	1.42	180.4	clear	none
1331	0.3	5.4	0.10	5.57	4.32	20.42	499	0.34	1.92	182.1	clear	none
1334	0.3	5.7	0.10	5.57	4.32	20.46	503	0.33	0.82	184.0	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1335	SAMPLING ENDED AT: 1340
PUMP OR TUBING DEPTH IN WELL (feet): 8	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 15.46ft

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

20
60
60
52
190
0827

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-40S	SAMPLE ID: MW-40S	DATE: 3/15/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 25 feet to 35 feet	STATIC DEPTH TO WATER (feet): 8.35	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (34.52 feet – 8.35 feet) X 0.16 gallons/foot = 4.19x3 = 12.57 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 24	PURGING INITIATED AT: 0834	PURGING ENDED AT: 1158	TOTAL VOLUME PURGED (gallons): 16.32

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1152	15.84	15.84	0.08	21.85	5.23	24.17	47	2.55	11.3	227.2	clear	none
1155	0.24	16.08	0.08	21.85	5.25	24.17	47	2.59	10.6	224.5	clear	none
1158	0.24	16.32	0.08	21.85	5.27	24.14	48	2.57	9.89	222.7	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1157	SAMPLING ENDED AT: 1205
PUMP OR TUBING DEPTH IN WELL (feet): 24	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-40S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 34.52

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

43
59
102

1612

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-4S	SAMPLE ID: MW-4S	DATE: 3/18/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 20 feet to 30 feet	STATIC DEPTH TO WATER (feet): 3.29	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (29.81 feet – 3.29 feet) X 0.16 gallons/foot = 4.25 x 3 = 12.75 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5	PURGING INITIATED AT: 1617	PURGING ENDED AT: 1805	TOTAL VOLUME PURGED (gallons): 12.96

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1759	12.24	12.24	0.12	4.67	3.61	23.81	2639	0.26	0.38	171.3	clear	none
1802	0.36	12.60	0.12	4.67	3.60	23.82	2630	0.23	0.59	172.0	clear	none
1805	0.30	12.96	0.12	4.67	3.60	23.85	2625	0.21	0.38	172.5	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1806	SAMPLING ENDED AT: 1810
PUMP OR TUBING DEPTH IN WELL (feet): 5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-4S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 29.81

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

100/8/10 0855 49mins [redacted]

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: [redacted] MW-42S	SAMPLE ID: [redacted] MW-42S	DATE: 3/14/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 5 feet to 15 feet	STATIC DEPTH TO WATER (feet): 2.49 [redacted]	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (14.72 feet – 2.49 feet) X 0.16 gallons/foot = 1.96 x 3 = 5.88 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6	PURGING INITIATED AT: 0859 [redacted]	PURGING ENDED AT: 1013	TOTAL VOLUME PURGED (gallons): 8.88

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1007	8.16	8.16	0.12	4.23	5.70	17.44	6685	0.21	18.6	218.9	clear	none
1010	0.36	8.52	0.12	↓	5.69	17.33	6870	0.20	10.9	219.3	clear	none
1013	0.36	8.88	0.12	↓	5.69	17.35	6918	0.19	8.16	220.3	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1014	SAMPLING ENDED AT: 1020
PUMP OR TUBING DEPTH IN WELL (feet): 6	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-42S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 14.75ft

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

82min 15 60 68 145 0835

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-43S	SAMPLE ID: MW-43S	DATE: 3/14/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 5 feet to 15 feet	STATIC DEPTH TO WATER (feet): 4.61	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (17.68 feet – 4.31 feet) X 0.16 gallons/foot = 2.14 x 3 = 6.5 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7	PURGING INITIATED AT: 0845	PURGING ENDED AT: 1116	TOTAL VOLUME PURGED (gallons): 12.08

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1110	11.6	11.6	0.08	6.44	5.41	15.80	1832	0.40	0.48	149.5	clear	none
1113	0.24	11.84	0.08	6.44	5.42	15.75	1829	0.37	0.36	149.0	clear	none
1116	0.24	12.08	0.08	6.44	5.41	15.74	1815	0.33	0.61	148.8	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1117	SAMPLING ENDED AT: 1122
PUMP OR TUBING DEPTH IN WELL (feet): 7	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-43S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 17.71

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

0755

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-44S	SAMPLE ID: MW-44S	DATE: 3/19/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 10 feet to 20 feet	STATIC DEPTH TO WATER (feet): 7.67	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (22.38 feet – 7.67 feet) X 0.16 gallons/foot = 2.36 x 3 = 7.08 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 18	PURGING INITIATED AT: 0758	PURGING ENDED AT: 1111	TOTAL VOLUME PURGED (gallons): 9.65

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1105	9.35	9.35	0.0025	15.89	6.26	18.86	1048	0.48	4.29	80.6	clear	none
1108	0.15	9.5	0.0025	↓	6.30	18.85	1009	0.49	3.74	72.1	clear	none
1111	0.15	9.65	0.0025	↓	6.30	18.85	996	0.45	3.47	68.2	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1112	SAMPLING ENDED AT: 1118
PUMP OR TUBING DEPTH IN WELL (feet): 18	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-44S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 22.39

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

0800

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-45S	SAMPLE ID: MW-45S	DATE: 3/20/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 10 feet to 20 feet	STATIC DEPTH TO WATER (feet): 9.43	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (22.56 feet – 9.43 feet) X 0.16 gallons/foot = 2.11 x 3 = 6.33 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 15	PURGING INITIATED AT: 0811	PURGING ENDED AT: 1203	TOTAL VOLUME PURGED (gallons): 9.28

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1157	9.04	9.04	0.04	13.13	7.01	16.95	9903	0.21	3.24	-86.4	clear	~~none~~ slight
1200	0.12	9.16	↓	13.13	7.01	16.96	9902	0.20	3.45	-108.9	clear	~~none~~ ↓
1203	0.12	9.28		13.13	7.00	17.00	9904	0.23	2.80	-85.6	clear	~~none~~

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1204	SAMPLING ENDED AT: 1210
PUMP OR TUBING DEPTH IN WELL (feet): 15	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-45S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 22.55

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

49
60
60
57
226

GEORGIA
GROUNDWATER SAMPLING LOG

42
0
48

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Geprgia	
WELL NO: MW-46S	SAMPLE ID: MW-46S	DATE: 3/20/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 5 feet to 15 feet	STATIC DEPTH TO WATER (feet): 3.85	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (14.41 feet – 3.85 feet) X 0.16 gallons/foot = 1.69 x3 5.07 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 6	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11	PURGING INITIATED AT: 0818	PURGING ENDED AT: 0912	TOTAL VOLUME PURGED (gallons): 6.48

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or ~~µS/cm~~	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
0906	5.76	5.76	0.12	9.39	3.93	19.98	463	0.27	2.76	211.5	clear	none
0909	0.36	6.12	0.12	9.39	3.92	20.06	463	0.27	2.23	218.1	clear	none
0912	0.36	6.48	0.12	9.39	3.91	20.08	460	0.27	1.92	224.0	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 0913	SAMPLING ENDED AT: 0918
PUMP OR TUBING DEPTH IN WELL (feet): 11	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-46S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 14.36

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

30
60
12
~~102~~

1625

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia

WELL NO: MW-47S	SAMPLE ID: MW-47S	DATE: 3/19/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 22 feet to 32 feet	STATIC DEPTH TO WATER (feet): 17.92	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (31.64 feet – 17.92 feet) X 0.16 gallons/foot = 2.20 x 3 = 6.6 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 20	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 20	PURGING INITIATED AT: 1630	PURGING ENDED AT: 1822	TOTAL VOLUME PURGED (gallons): 7.84

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1812	7.14	7.14	0.07	17.97	5.34	21.05	53	4.78	2.10	156.3	clear	none
1819	0.49	7.63	↓	17.97	5.34	20.97	53	4.74	2.07	157.1	clear	none
1822	0.21	7.84	↓	17.97	5.34	20.95	53	4.63	1.62	157.6	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1823	SAMPLING ENDED AT: 1830
PUMP OR TUBING DEPTH IN WELL (feet): 20	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-47S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 31.65

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

37
60
60
60
60
30
0819

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-48S	SAMPLE ID: MW-48S	DATE: 3/15/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 20.5 feet to 30.5 feet	STATIC DEPTH TO WATER (feet): 10.55	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (29.78 feet – 10.55 feet) X 0.16 gallons/foot = 3.08×3 = 9.24 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13	PURGING INITIATED AT: 0823	PURGING ENDED AT: 1236	TOTAL VOLUME PURGED (gallons): 20.24

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1230	19.76	19.76	0.08	11.16	3.90	20.65	1147	0.60	0.29	261.8	Clear	none
1233	0.24	20	0.08	11.16	3.89	20.63	1153	0.43	0.44	259.8	Clear	none
1236	0.24	20.24	0.08	11.16	3.89	20.64	1161	0.41	0.45	257.5	Clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1237	SAMPLING ENDED AT: 1245
PUMP OR TUBING DEPTH IN WELL (feet): 13	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-48S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 29.89

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

56
60
60
50
226

1558

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia

WELL NO: MW-49S	SAMPLE ID: MW-49S	DATE: 3/19/2013

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 24.5 feet to 34.5 feet	STATIC DEPTH TO WATER (feet): 3.89	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (34.15 feet – 3.89 feet) X 0.16 gallons/foot 4.84 x 3 = 14.52 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 6	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32	PURGING INITIATED AT: 1604	PURGING ENDED AT: 1027	TOTAL VOLUME PURGED (gallons): 14.53

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or ~~µS/cm~~	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1950	9.04	9.04	0.04	water level would not stabilize, drew down to								
				limit beyond peristaltic pump capabilities.								
3/20 0724			0.03									
1018	5.22	5.22	↓	27.01	5.24	21.79	42	4.00	340	190.7	cloudy	none
1021	0.09	5.31	↓	↓	5.24	21.47	41	3.71	317	175.5	cloudy	none
1024	0.09	5.4	↓	↓	5.26	21.75	41	3.54	304	175.2	cloudy	none
1027	0.09	5.49	↓	↓	5.27	21.95	41	3.51	296	176.6	cloudy	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1028	SAMPLING ENDED AT: 1040

PUMP OR TUBING DEPTH IN WELL (feet): 32	TUBING MATERIAL CODE: PE	FIELD-FILTERED: (Y) N Filtration Equipment Type:	FILTER SIZE: 1.0 µm

FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N) (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-49S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100
Filter	1	PE	250mL	HNO_3	—	—	6020-dissolved	APP	100

REMARKS:
Total Depth: 34.17

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

36
60.
60.
~~48~~ 18
~~108~~ 174

GEORGIA
GROUNDWATER SAMPLING LOG

54
60
60
55
229

0801

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: FFFW-1-R	SAMPLE ID: FFFW-1-R	DATE: 3/19/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 5.77	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (16.24 feet – 5.77 feet) X 0.16 gallons/foot = 1.68 x 3 = 5.04 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10	PURGING INITIATED AT: 0806	PURGING ENDED AT: 1202	TOTAL VOLUME PURGED (gallons): 14.1

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1155	13.74	13.74	0.06	7.49	6.46	16.41	475	1.86	1.22	70.8	clear	none
1158	0.18	13.92	0.06	↓	6.45	16.43	476	1.86	0.74	73.1	clear	none
1201	0.18	14.1	0.06	↓	6.46	16.42	476	1.83	0.88	75.2	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1202	SAMPLING ENDED AT: 1210
PUMP OR TUBING DEPTH IN WELL (feet): 10	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
FFFW-1-R	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 16.25

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

54/59 1300

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: FFFW-2-R	SAMPLE ID: FFFW-2-R	DATE: 3/19/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 17 feet to 27 feet	STATIC DEPTH TO WATER (feet): 16.90	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (29.32 feet – 16.90 feet) X 0.16 gallons/foot = 1.99 x 3 = 5.97 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 18	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 19	PURGING INITIATED AT: 1308	PURGING ENDED AT: 1413	TOTAL VOLUME PURGED (gallons): 7.8

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1407	7.08	7.08	0.12	17.04	3.94	21.57	4827	0.50	0.93	229.1	clear	none
1410	0.36	7.44	0.12	↓	3.93	21.56	4873	0.41	1.23	237.3	clear	none
1413	0.36	7.8	0.12	↓	3.92	21.56	4944	0.40	0.98	247.0	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1414	SAMPLING ENDED AT: 1420
PUMP OR TUBING DEPTH IN WELL (feet): 19	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
FFFW-2-R	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 29.32

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

37mins 1300

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: FFFW-2I	SAMPLE ID: FFFW-2I	DATE: 3/19/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 45 feet to 50 feet	STATIC DEPTH TO WATER (feet): 17.29	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (52.69 feet – 17.29 feet) X 0.16 gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 50 feet) + 0.25 gallons = 0.38 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 47.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 47.5	PURGING INITIATED AT: 1308	PURGING ENDED AT: 1355	TOTAL VOLUME PURGED (gallons): 5.17

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1345	4.07	4.07	0.11	17.73	5.49	21.60	342	1.37	2.79	91.2	clear	none
1350	0.55	4.62	↓	↓	5.45	21.60	345	1.37	2.93	98.2	clear	none
1355	0.55	5.17	↓	↓	5.43	21.60	352	1.43	1.65	111.0	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1356	SAMPLING ENDED AT: 1400
PUMP OR TUBING DEPTH IN WELL (feet): 47.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
FFFW-2I	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 52.71

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

16
69
4/125
1L/min

0835

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: FFFW-3-R	SAMPLE ID: FFFW-3-R	DATE: 3/14/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 6.18	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (17.12 feet – 6.18 feet) X 0.16 gallons/foot = 1.75x3 = 5.25 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11	PURGING INITIATED AT: 0844	PURGING ENDED AT: 1055	TOTAL VOLUME PURGED (gallons): 10.48

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1049	10.0	10.0	0.08	8.51	5.33	15.12	2222	2.26	1.54	171.0	clear	none
1052	0.24	10.24	0.08	↓	5.28	15.31	2180	2.31	0.83	169.2	clear	none
1055	0.24	10.48	0.08	↓	5.24	15.16	2148	2.25	0.71	168.1	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1056	SAMPLING ENDED AT: 1100
PUMP OR TUBING DEPTH IN WELL (feet): 11	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
FFFW-3-R	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 17.12 ft

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

51
60
49
160 0800

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: FFFW-4-R	SAMPLE ID: FFFW-4-R	DATE: 3/20/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 7.93	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (17.66 feet – 7.93 feet) X 0.16 gallons/foot = 1.56 x 3 = 4.68 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17	PURGING INITIATED AT: 0809	PURGING ENDED AT: 1143	TOTAL VOLUME PURGED (gallons): 9.2

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1049	6.4	6.4	0.04	15.57	5.71	16.57	846	0.85	116	243.7	cloudy	none
1052	0.12	6.52	↓	↓	5.71	16.59	912	0.70	112	244.3	cloudy	none
1055	0.12	6.64			5.74	16.64	980	0.71	109	243.3	cloudy	none
1058	0.12	6.76			5.75	16.72	1038	0.69	103	241.0	cloudy	none
1106	0.96	7.72			5.76	17.08	1181	0.69	95.9	236.5	cloudy	none
1109	0.12	7.84			5.75	17.18	1244	0.68	92.5	235.3	cloudy	none
1134	1.0	8.84			5.64	17.18	1613	0.38	79.2	227.1	slt yellow	none
1137	0.12	8.96			5.64	17.22	1656	0.35	78.4	225.6	slt yellow	none
1140	0.12	9.08			5.63	17.23	1700	0.36	76.2	224.5	slt yell	none
1143	0.12	9.2	↓	↓	5.63	17.25	1729	0.34	77.0	223.3	slt yellow	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016
PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1144	SAMPLING ENDED AT: 1150
PUMP OR TUBING DEPTH IN WELL (feet): 17	TUBING MATERIAL CODE: PE	FIELD-FILTERED: (Y) N Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
FFFW-4-R	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100
Filter	1	PE	250mL	HNO_3	—	—	6020-dissolved	APP	100

REMARKS:
Total Depth: 17.68

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

17
31
~~48~~ 1638

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-TP1S	SAMPLE ID: MW-TP1S	DATE: 3/19/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 10 feet to 20 feet	STATIC DEPTH TO WATER (feet): 11.43	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (20.08 feet – 11.43 feet) X 0.16 gallons/foot = 1.39 x 3 = 4.17 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14	PURGING INITIATED AT: 1643	PURGING ENDED AT: 1737	TOTAL VOLUME PURGED (gallons): 4.86

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1731	4.32	4.32	0.09	11.51	~~3.02~~ 4.43	19.27	237	3.04	0.81	166.7	clear	none
1734	0.27	4.59	↓	↓	4.43	19.28	237	3.04	0.83	169.5	clear	none
1737	0.27	4.86	↓	↓	4.43	19.25	241	3.03	0.74	173.4	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1738	SAMPLING ENDED AT: 1745
PUMP OR TUBING DEPTH IN WELL (feet): 14	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-TP1S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 20.10

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

14
11
25

1638

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-TPIJ	SAMPLE ID: MW-TPIJ	DATE: 3/19/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 43 feet to 48 feet	STATIC DEPTH TO WATER (feet): 10.69	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 50 feet) + 0.25 gallons = 0.38 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 46	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 46	PURGING INITIATED AT: 1646	PURGING ENDED AT: 1721	TOTAL VOLUME PURGED (gallons): 4.55

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1711	3.25	3.25	0.13	11.58	5.94	20.14	52	6.42	7.01	103.4	clear	none
1716	0.65	3.9	0.13	11.58	5.94	20.14	51	6.31	7.41	108.8	clear	none
1721	0.65	4.55	0.13	11.58	5.94	20.14	50	6.25	6.45	113.5	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1722	SAMPLING ENDED AT: 1727
PUMP OR TUBING DEPTH IN WELL (feet): 46	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: ~~Y~~ (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-TPIJ	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 48.11

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

38
60
53
151

1319

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-TP2S	SAMPLE ID: MW-TP2S	DATE: 3/20/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 10 feet to 20 feet	STATIC DEPTH TO WATER (feet): 4.83	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (19.92 feet – 4.83 feet) X 0.16 gallons/foot = 2.42x3=7.26 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7	PURGING INITIATED AT: 1322	PURGING ENDED AT: 1559	TOTAL VOLUME PURGED (gallons): 18.84

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1553	18.12	18.12	0.12	5.86	5.42	17.03	249	0.51	14.1	124.5	clear	none
1556	0.36	18.48	0.12	5.86	5.41	17.05	251	0.55	14.2	122.8	clear	none
1559	0.36	18.84	0.12	5.86	5.42	17.00	252	0.50	13.8	121.1	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1600	SAMPLING ENDED AT: 1605
PUMP OR TUBING DEPTH IN WELL (feet): 7	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type: AB	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-TP2S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100
~~DUP Filter~~	1	PE	250mL	HNO_3	—	—	6020 dissolved	APP	100

REMARKS:
Total Depth: 19.94

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

W

60
10
70

1337

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia

WELL NO: MW-TP3S	SAMPLE ID: MW-TP3S	DATE: 3/20/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 10 feet to 20 feet	STATIC DEPTH TO WATER (feet): 3.04	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (19.37 feet – 3.04 feet) X 0.16 gallons/foot = 2.62x3=7.86 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8	PURGING INITIATED AT: 1398	PURGING ENDED AT: 1500	TOTAL VOLUME PURGED (gallons): 9.84

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1448	8.4	8.4	0.12	6.05	4.98	18.78	313	1.22	3.38	81.8	clear	none
1451	0.36	8.76	0.12	↓	4.78	18.75	227	1.17	1.07	83.6	clear	none
1454	0.36	9.12	0.12	↓	4.70	18.80	216	1.21	1.04	85.9	clear	none
1457	0.36	9.48	0.12	↓	4.69	18.77	210	1.27	0.77	87.9	clear	none
1500	0.36	9.84	0.12	↓	4.66	18.69	210	1.28	0.78	90.6	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant B. Cromer	SAMPLING INITIATED AT: 1501	SAMPLING ENDED AT: 1508

PUMP OR TUBING DEPTH IN WELL (feet): 8	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm

FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N) (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-TP3S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 19.36

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

36
36
72

1315

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-TP4S	SAMPLE ID: MW-TP4S	DATE: 3/19/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 15 feet to 25 feet	STATIC DEPTH TO WATER (feet): 14.18	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (24.59 feet – 14.18 feet) X 0.16 gallons/foot = 1.67 x 3 = 5.01 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 16	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 16	PURGING INITIATED AT: 1324	PURGING ENDED AT: 1445	TOTAL VOLUME PURGED (gallons): 6.48

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1436	5.76	5.76	0.08	14.43	4.69	21.51	203	4.30	0.70	206.1	clear	none
1439	0.24	6.00	0.08	14.43	4.66	21.47	150	4.31	0.67	208.0	clear	none
1442	0.24	6.24	0.08	14.43	4.66	21.55	148	4.27	0.65	208.7	clear	none
1445	0.24	6.48	0.08	14.43	4.66	21.59	142	4.35	0.74	209.7	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1446	SAMPLING ENDED AT: 1450
PUMP OR TUBING DEPTH IN WELL (feet): 16	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-TP4S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 24.61

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

0809

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia

WELL NO: MW-TP5S	SAMPLE ID: MW-TP5S	DATE: 3/19/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 15 feet to 25 feet	STATIC DEPTH TO WATER (feet): 9.65	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (24.97 feet – 9.65 feet) X 0.16 gallons/foot = 2.46x3 = 7.38 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 18	PURGING INITIATED AT: 0820	PURGING ENDED AT: 1029	TOTAL VOLUME PURGED (gallons): 7.74

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1023	7.38	7.38	0.06	15.37	3.09	19.78	18324	0.26	1.23	369.0	clear	none
1026	0.18	7.56	0.06	↓	3.09	19.79	18330	0.29	0.66	369.6	clear	none
1029	0.18	7.74	0.06	↓	3.09	19.77	18335	0.29	0.94	370.0	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): B. Cromer	SAMPLING INITIATED AT: 1030	SAMPLING ENDED AT: 1038
PUMP OR TUBING DEPTH IN WELL (feet): 18	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: (Y)	AB DUP-4

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-TP5S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100
DUP-4	1	PE	250mL	HNO_3	—	—	6020	APP	100

REMARKS:
Total Depth: 24.98 DUP-4

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

42 min

0809

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue, Moultrie, Colquitt County, Georgia	
WELL NO: MW-TP5I	SAMPLE ID: MW-TP5I	DATE: 3/19/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 45 feet to 50 feet	STATIC DEPTH TO WATER (feet): 15.41	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 55 feet) + 0.25 gallons = 0.40 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 47.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 47.5	PURGING INITIATED AT: 0818	PURGING ENDED AT: 0910	TOTAL VOLUME PURGED (gallons): 5.2

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
0900	4.2	4.2	0.10	20.38	5.74	20.10	510	0.54	236	87.9	cloudy	none
0905	0.5	4.7	↓	↓	5.70	20.15	54	0.55	254	88.5	cloudy	none
0910	0.5	5.2			5.70	20.25	53	0.55	271	88.2	cloudy	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brittany Cromer and Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / BCromer	SAMPLING INITIATED AT: 0911	SAMPLING ENDED AT: 0920
PUMP OR TUBING DEPTH IN WELL (feet): 47.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y N	TUBING Y N (replaced)	DUPLICATE: Y N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-TP5I	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100
filter	1	PE	250mL	HNO_3	—	—	6020	APP	100

REMARKS:
Total Depth: 52.80

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

CALIBRATION LOG

DATE: March 12, 2013 LOCATION: 315 4th Avenue N.E. Moultrie, Georgia JOB #: 12806325

YSI 556 MPS s/n: 12E100985 HACH 2100Q s/n: 10110C006398

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO mg/l	TEMP	DO%	SATURATION mg/l (from chart)	PASS/FAIL +/- 0.3 mg/l	INITIALS
CAL	031213	0715	1.050057	49.25	19.10	100.0	9.258	pass	AB
ICV	031213	0754		8.55	22.32	97.2	8.693	pass	AB
CCV	031313	0733		8.67	22.50	100.0	8.660	pass	AB

DO gain range = 0.7 to 1.40

changed DO probe

Specific Conductivity

	DATE	TIME	STANDARD	LOT#	EXP. DATE	SP COND READING	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL	031213	0721	1413 µS/cm	2071801	073013	1413	0.990216	—		AB
ICV	031213	0759	1413 µS/cm	2071801	073013	1409			pass	AB
CCV	031313	0735	1413 µS/cm	2071801	073013	1406			pass	AB

Cell constant = conductivity gain x 5
Conductivity gain range = 0.9 to 1.10

pH

	DATE	TIME	STANDARD	LOT#	EXP. DATE	UNCALmV	pH READING	CAL mV	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL	031213	0728	7.00 su	A153-21	060313	-10.6	7.00	-10.5	0.1		AB
CAL	031213	0735	4.00 su	2061373	063014	153.5	4.00	153.5	0.0		AB
CAL	031213	0741	10.00 su	2030583	033014	-181.9	10.02	-181.9	0.0		AB
ICV	031213	0802	7.00 su	A153-21	060313		6.99			pass	AB
CCV	031313	0707	4.00 su	2061373	063014		4.09			pass	AB

pH slope is the difference between uncal mV and cal mV
pH mV range: 7 SU = 0mV +/- 50mV 4 SU = 165 to 180 + 7 SU mV reading 10 SU = -165 to -180 + 7 SU reading

ORP

	DATE	TIME	TEMP	STANDARD	LOT#	EXP. DATE	ORP READING	ORP mV OFFSET (glp file)	PASS/FAIL +/- 10mV	INITIALS
CAL	031213	0748	22.87	233.77	2081717	083013	233.8	13.34247		AB
ICV	031213	0807	22.92	233.7	2081717	083013	233.5		pass	AB
CCV	031313	0738	23.01	233.59	2081717	083013	232.7		pass	AB

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL	031213	0945	20 ~~1.00~~ ntu	A2212	July 2013	19.7		AB
ICV	031213	0952	20 ~~1.00~~ ntu	A2212	July 2013	19.8	pass	AB
CCV	031313	0722	20 ~~10.00~~ ntu	A2212	July 2013	19.8	pass	AB

CALIBRATION LOG

DATE: March 14, 2013 LOCATION: 315 4th Avenue N.E. Moultrie, Georgia JOB #: 12806325

YSI 556 MPS s/n: 12E100985 HACH 2100Q s/n: 10110C006398

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO mg/l	TEMP	DO%	SATURATION mg/l (from chart)	PASS/FAIL +/- 0.3 mg/l	INITIALS
CAL									
ICV									
CCV	031413	0700		8.69	21.46	97.9	8.846	pass	AB

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD	LOT#	EXP. DATE	SP COND READING	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL			1413 µS/cm							
ICV			1413 µS/cm							
CCV	031413	0704	1413 µS/cm	2071801	073013	1405			pass	AB

Cell constant = conductivity gain x 5
Conductivity gain range = 0.9 to 1.10

pH

	DATE	TIME	STANDARD	LOT#	EXP. DATE	UNCALmV	pH READING	CAL mV	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL			7.00 su								
CAL			4.00 su								
CAL			10.00 su								
ICV			7.00 su								
CCV	031413	0708	7.00 su	A153-21	060313		6.99			pass	AB

pH slope is the difference between uncal mV and cal mV
pH mV range: 7 SU = 0mV +/- 50mV 4 SU = 165 to 180 + 7 SU mV reading 10 SU = -165 to -180 + 7 SU reading

ORP

	DATE	TIME	TEMP	STANDARD	LOT#	EXP. DATE	ORP READING	ORP mV OFFSET (glp file)	PASS/FAIL +/- 10mV	INITIALS
CAL										
ICV										
CCV	031413	0714	21.04	236.15	2081717	083013	236.1		pass	AB

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL			1.00 ntu					
ICV			1.00 ntu					
CCV	031413	0710	20 ~~10~~.00 ntu	A2212	July 2013	20.1	pass	AB

CALIBRATION LOG

DATE: March 15, 2013 LOCATION: 315 4th Avenue N.E. Moultrie, Georgia JOB #: 12806325

YSI 556 MPS s/n: 12E100985 HACH 2100Q s/n: 10110C006398

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO mg/l	TEMP	DO%	SATURATION mg/l (from chart)	PASS/FAIL +/- 0.3 mg/l	INITIALS
CAL									
ICV									
CCV	031513	0650		19.22	19.26	99.9	9.220	pass	AB

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD	LOT#	EXP. DATE	SP COND READING	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL			µS/cm							
ICV			µS/cm							
CCV	031513	0702	1413 µS/cm	2071801	073013	1395			pass	AB

Cell constant = conductivity gain x 5
Conductivity gain range = 0.9 to 1.10

pH

	DATE	TIME	STANDARD	LOT#	EXP. DATE	UNCALmV	pH READING	CAL mV	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL			7.00 su								
CAL			4.00 su								
CAL			10.00 su								
ICV			7.00 su								
CCV	031513	0655	4.00 su	2061373	063014		4.07			pass	AB

pH slope is the difference between uncal mV and cal mV
pH mV range: 7 SU = 0mV +/- 50mV 4 SU = 165 to 180 + 7 SU mV reading 10 SU = -165 to -180 + 7 SU reading

ORP

	DATE	TIME	TEMP	STANDARD	LOT#	EXP. DATE	ORP READING	ORP mV OFFSET (glp file)	PASS/FAIL +/- 10mV	INITIALS
CAL										
ICV										
CCV	031513	0709	20.31	237.1	2081717	083013	236.8		pass	AB

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL			1.00 ntu					
ICV			1.00 ntu					
CCV	031513	0707	20 10.00 ntu	A2212	July 2013	19.8	pass	AB

CALIBRATION LOG

DATE: March 15, 2013 LOCATION: 315 4th Avenue N.E. Moultrie, Georgia JOB #: 12806325

YSI 556 MPS s/n: 12E100985 HACH 2100Q s/n: 10110C006398

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO mg/l	TEMP	DO%	SATURATION mg/l (from chart)	PASS/FAIL +/- 0.3 mg/l	INITIALS
CAL									
ICV									
CCV	031513	1408		8.29	24.47	99.4	8.340	pass	AB

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD	LOT#	EXP. DATE	SP COND READING	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL			µS/cm							
ICV			µS/cm							
CCV	031513	1414	1413 µS/cm	2071801	073013	1405			pass	AB

Cell constant = conductivity gain x 5
Conductivity gain range = 0.9 to 1.10

pH

	DATE	TIME	STANDARD	LOT#	EXP. DATE	UNCALmV	pH READING	CAL mV	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL			7.00 su								
CAL			4.00 su								
CAL			10.00 su								
ICV			7.00 su								
CCV	031513	1420	7.00 su	A153-21	060313		7.03			pass	AB

pH slope is the difference between uncal mV and cal mV
pH mV range: 7 SU = 0mV +/- 50mV 4 SU = 165 to 180 + 7 SU mV reading 10 SU = -165 to -180 + 7 SU reading

ORP

	DATE	TIME	TEMP	STANDARD	LOT#	EXP. DATE	ORP READING	ORP mV OFFSET (glp file)	PASS/FAIL +/- 10mV	INITIALS
CAL										
ICV										
CCV	031513	1424	20.07	237.41	2081717	083013	236.9		pass	AB

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL			1.00 ntu					
ICV			1.00 ntu					
CCV	031513	1402	20.00 ntu	A2212	July 2013	19.9	pass	AB

CALIBRATION LOG

DATE: March 18, 2013 LOCATION: 315 4th Avenue N.E. Moultrie, Georgia JOB #: 12806325

YSI 556 MPS s/n: 12E100985 HACH 2100Q s/n: 10110C006398

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO mg/l	TEMP	DO%	SATURATION mg/l (from chart)	PASS/FAIL +/- 0.3 mg/l	INITIALS
CAL	031813	1448	1.009833	8.29	24.83	99.9	8.294	pass	AB
ICV	031813	1530		8.15	25.66	100.1	8.158	pass	AB
CCV	~~031913~~							~~pass~~	~~AB~~

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD	LOT#	EXP. DATE	SP COND READING	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL	031813	1455	1413 µS/cm	2071801	073013	1413	1.001772	—		AB
ICV	031813	1534	1413 µS/cm	2071801	073013	1408			pass	AB
CCV	~~031913~~		~~1413 µS/cm~~						~~pass~~	~~AB~~

Cell constant = conductivity gain x 5
Conductivity gain range = 0.9 to 1.10

pH

	DATE	TIME	STANDARD	LOT#	EXP. DATE	UNCALmV	pH READING	CAL mV	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL	031813	1501	7.00 su	A153-21	060313	-14.4	7.00	-14.4	0.0		AB
CAL	031813	1509	4.00 su	2061373	063014	150.1	4.00	150.1	0.0		AB
CAL	031813	1515	10.00 su	2030583	033014	-184.6	10.02	-184.7	0.1		AB
ICV	031813	1537	7.00 su	A153-21	060313		6.97			pass	AB
CCV	~~031913~~		~~4.00 su~~							~~pass~~	~~AB~~

pH slope is the difference between uncal mV and cal mV
pH mV range: 7 SU = 0mV +/- 50mV 4 SU = 165 to 180 + 7 SU mV reading 10 SU = -165 to -180 + 7 SU reading

ORP

	DATE	TIME	TEMP	STANDARD	LOT#	EXP. DATE	ORP READING	ORP mV OFFSET (glp file)	PASS/FAIL +/- 10mV	INITIALS
CAL	031813	1523	23.82	232.53	2081717	083013	232.5	15.31996		AB
ICV	031813	1541	24.38	231.8	2081717	083013	231.7		pass	AB
CCV	~~031913~~								~~pass~~	~~AB~~

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL	031813	1449	20 ~~100~~ ntu	A2212	July 2013	20.1		AB
ICV	031813	1538	20 ~~100~~ ntu	A2212	July 2013	20.0	pass	AB
CCV	~~031913~~		20 ~~10~~.00 ntu				~~pass~~	~~AB~~

CALIBRATION LOG

DATE: March 19, 2013 LOCATION: 315 4th Avenue N.E. Moultrie, Georgia JOB #: 12806325

YSI 556 MPS s/n: 12E100985 HACH 2100Q s/n: 10110C006398

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO mg/l	TEMP	DO%	SATURATION mg/l (from chart)	PASS/FAIL +/- 0.3 mg/l	INITIALS
CAL									
ICV									
CCV	031913	1650		8.09	26.53	100.7	8.040	pass	AB

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD	LOT#	EXP. DATE	SP COND READING	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL			µS/cm							
ICV			µS/cm							
CCV	031913	1654	1413 µs/cm	2071801	073013	1406			pass	AB

Cell constant = conductivity gain x 5
Conductivity gain range = 0.9 to 1.10

pH

	DATE	TIME	STANDARD	LOT#	EXP. DATE	UNCALmV	pH READING	CAL mV	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL			7.00 su								
CAL			4.00 su								
CAL			10.00 su								
ICV			7.00 su								
CCV	031913	1658	4.00 su	2061373	063014		4.02			pass	AB

pH slope is the difference between uncal mV and cal mV
pH mV range: 7 SU = 0mV +/- 50mV 4 SU = 165 to 180 + 7 SU mV reading 10 SU = -165 to -180 + 7 SU reading

ORP

	DATE	TIME	TEMP	STANDARD	LOT#	EXP. DATE	ORP READING	ORP mV OFFSET (glp file)	PASS/FAIL +/- 10mV	INITIALS
CAL										
ICV										
CCV	031913	1702	23.07	233.51	2081717	083013	233.3		pass	AB

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL			1.00 ntu					
ICV			1.00 ntu					
CCV	031913	1701	20 ~~10~~.00 ntu	A2213	July 2013	19.9	pass	AB

CALIBRATION LOG

DATE: March 20, 2013 LOCATION: 315 4th Avenue N.E. Moultrie, Georgia JOB #: 12806325

YSI 556 MPS s/n: 12E100985 HACH 2100Q s/n: 10110C006398

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO mg/l	TEMP	DO%	SATURATION mg/l (from chart)	PASS/FAIL +/- 0.3 mg/l	INITIALS
CAL									
ICV									
CCV	032013	1610		8.87	20.71	98.8	8.968	pass	AB

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD	LOT#	EXP. DATE	SP COND READING	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL			µS/cm							
ICV			µS/cm							
CCV	032013	1616	1413 µS/cm	2071807	073013	1386			pass	AB

Cell constant = conductivity gain x 5
Conductivity gain range = 0.9 to 1.10

pH

	DATE	TIME	STANDARD	LOT#	EXP. DATE	UNCALmV	pH READING	CAL mV	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL			7.00 su								
CAL			4.00 su								
CAL			10.00 su								
ICV			7.00 su								
CCV	032013	1620	7.00su	A153-21	060313		6.94			pass	AB

pH slope is the difference between uncal mV and cal mV
pH mV range: 7 SU = 0mV +/- 50mV 4 SU = 165 to 180 + 7 SU mV reading 10 SU = -165 to -180 + 7 SU reading

ORP

	DATE	TIME	TEMP	STANDARD	LOT#	EXP. DATE	ORP READING	ORP mV OFFSET (glp file)	PASS/FAIL +/- 10mV	INITIALS
CAL										
ICV										
CCV	032013	1634	20.61	236.71	2081717	083013	237.1		pass	AB

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL			1.00 ntu					
ICV			1.00 ntu					
CCV	032013	1622	20.00 ntu	A2212	July 2013	19.7	pass	AB

APPENDIX B

6659 PF-132-N

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	CESQG	1	800-535-5053	16021

5. Generator's Name and Mailing Address
PCS Joint Venture Ltd - GA
315 4th Ave NE
Moultrie, GA 31768
Generator's Phone: 850 402-6427

Generator's Site Address (if different than mailing address)
Broker Contact: Amelia Bryant (URS)
Cell: 850-228-6846

6. Transporter 1 Company Name: Robbie D. Wood, Inc.
U.S. EPA ID Number: ALD067138891

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Perma-Fix of Florida, Inc.
1940 N.W. 67th Place
Gainesville, FL 32653
Facility's Phone 352-373-6066
U.S. EPA ID Number: FLD980711071

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	Non-Regulated Material (Purge Water) PF #51759	008	DM	440	G
	2.				
	3.				
	4.				

13. Special Handling Instructions and Additional Information
Caller must I.D. Perma-Fix of Florida, Inc. Mail Inv to: Austin TX 78720 Proj #12806325.00000 W.O. #286190.US Mail Man to: 1625 Summit Lake Dr #200, Tallahassee FL 3231' Attn: John Carey john.carey@urs.com INV SEPARATELY;

D 8.0 W000 HHI

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Heather Waters as an agent for PCS Joint Venture LTD.
Signature: Heather Waters
Month 4 Day 5 Year 13

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Charles Calm
Signature: Chl Calm
Month 04 Day 05 Year 13
Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Cynthia Hall
Signature
Month 04 Day 08 Year 13

GENERATOR
INT'L
TRANSPORTER
DESIGNATED FACILITY

169-BLC-016 10498 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

APPENDIX C

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Tel: (850)878-3994

TestAmerica Job ID: 640-42734-1
Client Project/Site: PCS FFF Moultrie
Revision: 1

For:
URS Corporation
1625 Summit Lake Drive
Suite 200
Tallahassee, Florida 32317

Attn: Mr. John Carey

Authorized for release by:
6/12/2013 1:42:46 PM

Amy Marks, Project Manager II
amy.marks@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 640-42734-1

Laboratory: TestAmerica Tallahassee

Narrative

Job Narrative
640-42734-1

Comments
The attached report has been revised to include only groundwater sample results. Soil results are reported under separate cover in TestAmerica job 640-42734-2.

Receipt
The samples were received on 3/15/2013 4:33 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.8º C.

Metals
Method 6020A: Due to sample matrix effect on the internal standard (ISTD), a dilution was required for the following samples: DUP-3 (640-42734-51), MW-3S (640-42734-44).

Method 6020A: Due to the high concentration of zinc, the matrix spike / matrix spike duplicate (MS/MSD) for batch 270224 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 6020A: Due to sample matrix effect on the internal standard (ISTD), a dilution was required for the following samples: DUP-6 (640-42734-26), MW-12S (640-42734-25), MW-34S (640-42734-35).

No other analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-1

Client Sample ID: MW-8I — Lab Sample ID: 640-42734-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.3	J	2.5	1.3	ug/L	1		6020A	Total Recoverable
Lead	12		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	4.7	J	5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-2S — Lab Sample ID: 640-42734-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.8	J	2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	35		5.0	1.3	ug/L	1		6020A	Total Recoverable
Lead	2.5		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	8.5		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-2I — Lab Sample ID: 640-42734-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.9		1.5	0.20	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-7S-R — Lab Sample ID: 640-42734-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.4		2.5	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	4.5		0.50	0.25	ug/L	1		6020A	Total Recoverable
Lead	2.5		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	120		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-6S-R — Lab Sample ID: 640-42734-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	18		2.5	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	6.1		0.50	0.25	ug/L	1		6020A	Total Recoverable
Cadmium	5.3		0.50	0.095	ug/L	1		6020A	Total Recoverable
Lead	13		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	130		5.0	2.0	ug/L	1		6020A	Total Recoverable
Zinc	810		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: DUP-1 — Lab Sample ID: 640-42734-6

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-1

Client Sample ID: DUP-1 (Continued) — Lab Sample ID: 640-42734-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	18		2.5	1.3	ug/L	1		6020A	Total Recoverable
Lead	13		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	130		5.0	2.0	ug/L	1		6020A	Total Recoverable
Cadmium	5.4		0.50	0.095	ug/L	1		6020A	Total Recoverable
Beryllium	5.4		0.50	0.25	ug/L	1		6020A	Total Recoverable
Zinc	780		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-7I — Lab Sample ID: 640-42734-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.9		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	2300		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	4.7		0.50	0.25	ug/L	1		6020A	Total Recoverable
Lead	55		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	15		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-1I-R — Lab Sample ID: 640-42734-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.6		1.5	0.20	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-1S-R Filter — Lab Sample ID: 640-42734-9

No Detections.

Client Sample ID: MW-1S-R — Lab Sample ID: 640-42734-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.47	J	1.5	0.20	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-36S — Lab Sample ID: 640-42734-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.4		2.5	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	0.71		0.50	0.25	ug/L	1		6020A	Total Recoverable
Lead	8.7		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	7.1		5.0	2.0	ug/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-1

Client Sample ID: MW-9S-R — Lab Sample ID: 640-42734-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	49		2.5	1.3	ug/L	1		6020A	Total Recoverable
Lead	28		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	11		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-10I — Lab Sample ID: 640-42734-13

No Detections.

Client Sample ID: MW-10S-R — Lab Sample ID: 640-42734-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	0.26	J	0.50	0.25	ug/L	1		6020A	Total Recoverable
Lead	0.29	J	1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	2.3	J	5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-13S-R — Lab Sample ID: 640-42734-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	2.9	J	5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-27S-R — Lab Sample ID: 640-42734-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.6		2.5	1.3	ug/L	1		6020A	Total Recoverable
Lead	0.71	J	1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	21		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-37S — Lab Sample ID: 640-42734-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.1	J	2.5	1.3	ug/L	1		6020A	Total Recoverable
Lead	0.32	J	1.5	0.20	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-6I — Lab Sample ID: 640-42734-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.8		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	3.4	J	5.0	2.0	ug/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-1

Client Sample ID: MW-39S — Lab Sample ID: 640-42734-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.6		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	51		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	1.6		0.50	0.25	ug/L	1		6020A	Total Recoverable
Lead	6.7		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	15		5.0	2.0	ug/L	1		6020A	Total Recoverable
Zinc	67		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-11S — Lab Sample ID: 640-42734-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.3		2.5	1.3	ug/L	1		6020A	Total Recoverable
Nickel	16		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-5S-R — Lab Sample ID: 640-42734-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.7		2.5	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	0.36	J	0.50	0.25	ug/L	1		6020A	Total Recoverable
Cadmium	0.13	J	0.50	0.095	ug/L	1		6020A	Total Recoverable
Lead	1.7		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	9.1		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-38S — Lab Sample ID: 640-42734-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	2.7	J	5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-13I — Lab Sample ID: 640-42734-23

No Detections.

Client Sample ID: MW-12I — Lab Sample ID: 640-42734-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	460		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	1.5		0.50	0.25	ug/L	1		6020A	Total Recoverable
Lead	5.4		1.5	0.20	ug/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-1

Client Sample ID: MW-12I (Continued) — Lab Sample ID: 640-42734-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	7.7		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-12S — Lab Sample ID: 640-42734-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	210		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	1300		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	35		0.50	0.25	ug/L	1		6020A	Total Recoverable
Cadmium	5.0		0.50	0.095	ug/L	1		6020A	Total Recoverable
Copper	260		5.0	1.1	ug/L	1		6020A	Total Recoverable
Lead	85		6.0	0.80	ug/L	4		6020A	Total Recoverable
Nickel	180		5.0	2.0	ug/L	1		6020A	Total Recoverable
Selenium	54		2.5	1.0	ug/L	1		6020A	Total Recoverable
Zinc	1100		20	8.3	ug/L	1		6020A	Total Recoverable
Thallium	1.4		1.0	0.50	ug/L	1		6020A	Total Recoverable

Client Sample ID: DUP-6 — Lab Sample ID: 640-42734-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	210		2.5	1.3	ug/L	1		6020A	Total Recoverable
Lead	81		6.0	0.80	ug/L	4		6020A	Total Recoverable
Nickel	180		5.0	2.0	ug/L	1		6020A	Total Recoverable
Cadmium	5.1		0.50	0.095	ug/L	1		6020A	Total Recoverable
Beryllium	35		0.50	0.25	ug/L	1		6020A	Total Recoverable
Barium	1300		5.0	1.3	ug/L	1		6020A	Total Recoverable
Thallium	1.4		1.0	0.50	ug/L	1		6020A	Total Recoverable
Copper	260		5.0	1.1	ug/L	1		6020A	Total Recoverable
Zinc	1100		20	8.3	ug/L	1		6020A	Total Recoverable
Selenium	52		2.5	1.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-15S — Lab Sample ID: 640-42734-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	44		2.5	1.3	ug/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-15S (Continued) — Lab Sample ID: 640-42734-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	4.3		0.50	0.25	ug/L	1		6020A	Total Recoverable
Lead	27		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	39		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-35S — Lab Sample ID: 640-42734-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	2400		5.0	1.3	ug/L	1		6020A	Total Recoverable
Lead	17		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	12		5.0	2.0	ug/L	1		6020A	Total Recoverable
Mercury	0.31		0.20	0.091	ug/L	1		7470A	Total/NA

Client Sample ID: MW-42S — Lab Sample ID: 640-42734-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	26		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	2.4	J	5.0	1.3	ug/L	1		6020A	Total Recoverable
Cadmium	2.1		0.50	0.095	ug/L	1		6020A	Total Recoverable
Nickel	35		5.0	2.0	ug/L	1		6020A	Total Recoverable
Zinc	970		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: FFFW-3-R — Lab Sample ID: 640-42734-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	14		2.5	1.3	ug/L	1		6020A	Total Recoverable
Nickel	74		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-43S — Lab Sample ID: 640-42734-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	11		2.5	1.3	ug/L	1		6020A	Total Recoverable
Cadmium	2.0		0.50	0.095	ug/L	1		6020A	Total Recoverable
Nickel	41		5.0	2.0	ug/L	1		6020A	Total Recoverable
Zinc	250		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-18S — Lab Sample ID: 640-42734-32

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-18S (Continued) — Lab Sample ID: 640-42734-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.6	J	2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	360		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	1.8		0.50	0.25	ug/L	1		6020A	Total Recoverable
Cadmium	0.36	J	0.50	0.095	ug/L	1		6020A	Total Recoverable
Copper	1.4	J	5.0	1.1	ug/L	1		6020A	Total Recoverable
Nickel	15		5.0	2.0	ug/L	1		6020A	Total Recoverable
Zinc	100		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-4S — Lab Sample ID: 640-42734-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	63		2.5	1.3	ug/L	1		6020A	Total Recoverable
Cadmium	0.94		0.50	0.095	ug/L	1		6020A	Total Recoverable
Copper	27		5.0	1.1	ug/L	1		6020A	Total Recoverable
Lead	0.62	J	1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	32		5.0	2.0	ug/L	1		6020A	Total Recoverable
Zinc	220		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-34I — Lab Sample ID: 640-42734-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.4		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	3.9	J	5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-34S — Lab Sample ID: 640-42734-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.3		2.5	1.3	ug/L	1		6020A	Total Recoverable
Cadmium	9.1		0.50	0.095	ug/L	1		6020A	Total Recoverable
Lead	0.79	J	3.0	0.40	ug/L	2		6020A	Total Recoverable
Nickel	64		5.0	2.0	ug/L	1		6020A	Total Recoverable
Zinc	2300		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-26S — Lab Sample ID: 640-42734-36

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-26S (Continued) — Lab Sample ID: 640-42734-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.1		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	2.7	J	5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-20S — Lab Sample ID: 640-42734-37

No Detections.

Client Sample ID: MW-19S — Lab Sample ID: 640-42734-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	15		2.5	1.3	ug/L	1		6020A	Total Recoverable
Cadmium	8.0		0.50	0.095	ug/L	1		6020A	Total Recoverable
Nickel	55		5.0	2.0	ug/L	1		6020A	Total Recoverable
Zinc	5600		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-28S Filter — Lab Sample ID: 640-42734-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead, Dissolved	1.2	J	1.5	0.20	ug/L	1		6020A	Dissolved
Nickel, Dissolved	9.7		5.0	2.0	ug/L	1		6020A	Dissolved
Beryllium, Dissolved	1.1		0.50	0.25	ug/L	1		6020A	Dissolved
Barium, Dissolved	300		5.0	1.3	ug/L	1		6020A	Dissolved

Client Sample ID: MW-28S — Lab Sample ID: 640-42734-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.1	J	2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	300		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	1.2		0.50	0.25	ug/L	1		6020A	Total Recoverable
Lead	3.1		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	10		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-29S — Lab Sample ID: 640-42734-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.8		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	1700		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	3.9		0.50	0.25	ug/L	1		6020A	Total Recoverable
Copper	17		5.0	1.1	ug/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-29S (Continued) — Lab Sample ID: 640-42734-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	56		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	11		5.0	2.0	ug/L	1		6020A	Total Recoverable
Mercury	1.8		0.20	0.091	ug/L	1		7470A	Total/NA

Client Sample ID: DUP-2 — Lab Sample ID: 640-42734-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.9		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	1700		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	3.9		0.50	0.25	ug/L	1		6020A	Total Recoverable
Copper	17		5.0	1.1	ug/L	1		6020A	Total Recoverable
Lead	56		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	13		5.0	2.0	ug/L	1		6020A	Total Recoverable
Mercury	1.7		0.20	0.091	ug/L	1		7470A	Total/NA

Client Sample ID: MW-3I — Lab Sample ID: 640-42734-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	98		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	0.49	J	0.50	0.25	ug/L	1		6020A	Total Recoverable
Lead	1.6		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	2.6	J	5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-3S — Lab Sample ID: 640-42734-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	250		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	12		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	23		0.50	0.25	ug/L	1		6020A	Total Recoverable
Cadmium	11		0.50	0.095	ug/L	1		6020A	Total Recoverable
Copper	1600		5.0	1.1	ug/L	1		6020A	Total Recoverable
Lead	120		6.0	0.80	ug/L	4		6020A	Total Recoverable
Nickel	260		5.0	2.0	ug/L	1		6020A	Total Recoverable
Selenium	77		2.5	1.0	ug/L	1		6020A	Total Recoverable
Zinc	2200		20	8.3	ug/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-1

Client Sample ID: MW-7S-R Filter — Lab Sample ID: 640-42734-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic, Dissolved	3.4		2.5	1.3	ug/L	1		6020A	Dissolved
Beryllium, Dissolved	4.6		0.50	0.25	ug/L	1		6020A	Dissolved
Lead, Dissolved	2.3		1.5	0.20	ug/L	1		6020A	Dissolved
Nickel, Dissolved	100		5.0	2.0	ug/L	1		6020A	Dissolved

Client Sample ID: MW-5SR Filter — Lab Sample ID: 640-42734-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium, Dissolved	0.11	J	0.50	0.095	ug/L	1		6020A	Dissolved
Nickel, Dissolved	9.4		5.0	2.0	ug/L	1		6020A	Dissolved

Client Sample ID: MW-34I Filter — Lab Sample ID: 640-42734-47

No Detections.

Client Sample ID: MW-30S — Lab Sample ID: 640-42734-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	2300		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	3.1		0.50	0.25	ug/L	1		6020A	Total Recoverable
Copper	6.2		5.0	1.1	ug/L	1		6020A	Total Recoverable
Lead	11		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	11		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-40S — Lab Sample ID: 640-42734-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.54	J	1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	2.7	J	5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-48S — Lab Sample ID: 640-42734-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.1	J	2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	4300		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	8.6		0.50	0.25	ug/L	1		6020A	Total Recoverable
Cadmium	0.65		0.50	0.095	ug/L	1		6020A	Total Recoverable
Copper	22		5.0	1.1	ug/L	1		6020A	Total Recoverable
Lead	33		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	25		5.0	2.0	ug/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-48S (Continued) — Lab Sample ID: 640-42734-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	95		20	8.3	ug/L	1		6020A	Total Recoverable
Thallium	0.63	J	1.0	0.50	ug/L	1		6020A	Total Recoverable

Client Sample ID: DUP-3 — Lab Sample ID: 640-42734-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	260		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	13		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	24		0.50	0.25	ug/L	1		6020A	Total Recoverable
Cadmium	11		0.50	0.095	ug/L	1		6020A	Total Recoverable
Copper	1600		5.0	1.1	ug/L	1		6020A	Total Recoverable
Lead	130		3.0	0.40	ug/L	2		6020A	Total Recoverable
Nickel	260		5.0	2.0	ug/L	1		6020A	Total Recoverable
Selenium	80		2.5	1.0	ug/L	1		6020A	Total Recoverable
Zinc	2200		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: DUP-5 — Lab Sample ID: 640-42734-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	10		2.5	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	0.67		0.50	0.25	ug/L	1		6020A	Total Recoverable
Lead	9.4		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	7.3		5.0	2.0	ug/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Client Sample ID: MW-8I — **Lab Sample ID: 640-42734-1**
Date Collected: 03/12/13 12:00 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	J	2.5	1.3	ug/L		03/20/13 13:40	03/21/13 20:05	1
Lead	12		1.5	0.20	ug/L		03/20/13 13:40	03/21/13 20:05	1
Nickel	4.7	J	5.0	2.0	ug/L		03/20/13 13:40	03/21/13 20:05	1

Client Sample ID: MW-2S — **Lab Sample ID: 640-42734-2**
Date Collected: 03/12/13 12:38 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.8	J	2.5	1.3	ug/L		03/20/13 13:40	03/21/13 20:12	1
Barium	35		5.0	1.3	ug/L		03/20/13 13:40	03/21/13 20:12	1
Lead	2.5		1.5	0.20	ug/L		03/20/13 13:40	03/21/13 20:12	1
Nickel	8.5		5.0	2.0	ug/L		03/20/13 13:40	03/21/13 20:12	1

Client Sample ID: MW-2I — **Lab Sample ID: 640-42734-3**
Date Collected: 03/12/13 13:00 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/20/13 13:40	03/21/13 20:19	1
Lead	1.9		1.5	0.20	ug/L		03/20/13 13:40	03/21/13 20:19	1
Nickel	2.0	U	5.0	2.0	ug/L		03/20/13 13:40	03/21/13 20:19	1

Client Sample ID: MW-7S-R — **Lab Sample ID: 640-42734-4**
Date Collected: 03/12/13 13:20 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.4		2.5	1.3	ug/L		03/20/13 13:40	03/21/13 20:27	1
Beryllium	4.5		0.50	0.25	ug/L		03/20/13 13:40	03/21/13 20:27	1
Lead	2.5		1.5	0.20	ug/L		03/20/13 13:40	03/21/13 20:27	1
Nickel	120		5.0	2.0	ug/L		03/20/13 13:40	03/21/13 20:27	1

Client Sample ID: MW-6S-R — **Lab Sample ID: 640-42734-5**
Date Collected: 03/12/13 13:45 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	18		2.5	1.3	ug/L		03/20/13 13:40	03/21/13 20:34	1
Beryllium	6.1		0.50	0.25	ug/L		03/20/13 13:40	03/25/13 19:29	1
Cadmium	5.3		0.50	0.095	ug/L		03/20/13 13:40	03/21/13 20:34	1
Lead	13		1.5	0.20	ug/L		03/20/13 13:40	03/21/13 20:34	1
Nickel	130		5.0	2.0	ug/L		03/20/13 13:40	03/21/13 20:34	1
Zinc	810		20	8.3	ug/L		03/20/13 13:40	03/21/13 20:34	1

Client Sample ID: DUP-1 — **Lab Sample ID: 640-42734-6**
Date Collected: 03/12/13 00:00 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	18		2.5	1.3	ug/L		03/20/13 13:40	03/21/13 20:42	1
Lead	13		1.5	0.20	ug/L		03/20/13 13:40	03/21/13 20:42	1
Nickel	130		5.0	2.0	ug/L		03/20/13 13:40	03/21/13 20:42	1
Cadmium	5.4		0.50	0.095	ug/L		03/20/13 13:40	03/21/13 20:42	1
Beryllium	5.4		0.50	0.25	ug/L		03/20/13 13:40	03/21/13 20:42	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable (Continued)

Client Sample ID: DUP-1 — **Lab Sample ID: 640-42734-6**
Date Collected: 03/12/13 00:00 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	780		20	8.3	ug/L		03/20/13 13:40	03/21/13 20:42	1

Client Sample ID: MW-7I — **Lab Sample ID: 640-42734-7**
Date Collected: 03/12/13 16:15 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.9		2.5	1.3	ug/L		03/20/13 13:40	03/21/13 20:49	1
Barium	2300		5.0	1.3	ug/L		03/20/13 13:40	03/21/13 20:49	1
Beryllium	4.7		0.50	0.25	ug/L		03/20/13 13:40	03/21/13 20:49	1
Lead	55		1.5	0.20	ug/L		03/20/13 13:40	03/21/13 20:49	1
Nickel	15		5.0	2.0	ug/L		03/20/13 13:40	03/21/13 20:49	1

Client Sample ID: MW-1I-R — **Lab Sample ID: 640-42734-8**
Date Collected: 03/12/13 16:40 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/20/13 13:40	03/21/13 20:56	1
Lead	1.6		1.5	0.20	ug/L		03/20/13 13:40	03/21/13 20:56	1
Nickel	2.0	U	5.0	2.0	ug/L		03/20/13 13:40	03/21/13 20:56	1

Client Sample ID: MW-1S-R — **Lab Sample ID: 640-42734-10**
Date Collected: 03/12/13 16:57 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/20/13 13:40	03/21/13 21:26	1
Lead	0.47	J	1.5	0.20	ug/L		03/20/13 13:40	03/21/13 21:26	1
Nickel	2.0	U	5.0	2.0	ug/L		03/20/13 13:40	03/21/13 21:26	1

Client Sample ID: MW-36S — **Lab Sample ID: 640-42734-11**
Date Collected: 03/12/13 17:25 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.4		2.5	1.3	ug/L		03/20/13 13:40	03/21/13 21:34	1
Beryllium	0.71		0.50	0.25	ug/L		03/20/13 13:40	03/21/13 21:34	1
Lead	8.7		1.5	0.20	ug/L		03/20/13 13:40	03/21/13 21:34	1
Nickel	7.1		5.0	2.0	ug/L		03/20/13 13:40	03/21/13 21:34	1

Client Sample ID: MW-9S-R — **Lab Sample ID: 640-42734-12**
Date Collected: 03/12/13 17:45 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	49		2.5	1.3	ug/L		03/20/13 13:40	03/21/13 21:41	1
Lead	28		1.5	0.20	ug/L		03/20/13 13:40	03/21/13 21:41	1
Nickel	11		5.0	2.0	ug/L		03/20/13 13:40	03/21/13 21:41	1

Client Sample ID: MW-10I — **Lab Sample ID: 640-42734-13**
Date Collected: 03/13/13 09:57 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/20/13 13:40	03/21/13 21:48	1
Lead	0.20	U	1.5	0.20	ug/L		03/20/13 13:40	03/21/13 21:48	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable (Continued)

Client Sample ID: MW-10I — **Lab Sample ID: 640-42734-13**
Date Collected: 03/13/13 09:57 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	2.0	U	5.0	2.0	ug/L		03/20/13 13:40	03/21/13 21:48	1

Client Sample ID: MW-10S-R — **Lab Sample ID: 640-42734-14**
Date Collected: 03/13/13 10:15 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/20/13 13:40	03/21/13 21:56	1
Beryllium	**0.26**	**J**	0.50	0.25	ug/L		03/20/13 13:40	03/21/13 21:56	1
Cadmium	0.095	U	0.50	0.095	ug/L		03/20/13 13:40	03/21/13 21:56	1
Lead	**0.29**	**J**	1.5	0.20	ug/L		03/20/13 13:40	03/21/13 21:56	1
Nickel	**2.3**	**J**	5.0	2.0	ug/L		03/20/13 13:40	03/21/13 21:56	1

Client Sample ID: MW-13S-R — **Lab Sample ID: 640-42734-15**
Date Collected: 03/13/13 10:35 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/20/13 13:40	03/21/13 22:03	1
Lead	0.20	U	1.5	0.20	ug/L		03/20/13 13:40	03/21/13 22:03	1
Nickel	**2.9**	**J**	5.0	2.0	ug/L		03/20/13 13:40	03/21/13 22:03	1

Client Sample ID: MW-27S-R — **Lab Sample ID: 640-42734-16**
Date Collected: 03/13/13 11:15 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.6**		2.5	1.3	ug/L		03/21/13 14:22	03/23/13 17:16	1
Lead	**0.71**	**J**	1.5	0.20	ug/L		03/21/13 14:22	03/23/13 17:16	1
Nickel	**21**		5.0	2.0	ug/L		03/21/13 14:22	03/23/13 17:16	1

Client Sample ID: MW-37S — **Lab Sample ID: 640-42734-17**
Date Collected: 03/13/13 11:00 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.1**	**J**	2.5	1.3	ug/L		03/21/13 14:22	03/23/13 17:23	1
Lead	**0.32**	**J**	1.5	0.20	ug/L		03/21/13 14:22	03/23/13 17:23	1
Nickel	2.0	U	5.0	2.0	ug/L		03/21/13 14:22	03/23/13 17:23	1

Client Sample ID: MW-6I — **Lab Sample ID: 640-42734-18**
Date Collected: 03/13/13 13:25 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/21/13 15:24	03/23/13 03:43	1
Lead	**2.8**		1.5	0.20	ug/L		03/21/13 15:24	03/23/13 03:43	1
Nickel	**3.4**	**J**	5.0	2.0	ug/L		03/21/13 15:24	03/23/13 03:43	1

Client Sample ID: MW-39S — **Lab Sample ID: 640-42734-19**
Date Collected: 03/13/13 13:40 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**5.6**		2.5	1.3	ug/L		03/21/13 15:24	03/23/13 04:17	1
Barium	**51**		5.0	1.3	ug/L		03/21/13 15:24	03/23/13 04:17	1
Beryllium	**1.6**		0.50	0.25	ug/L		03/21/13 15:24	03/23/13 04:17	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable (Continued)

Client Sample ID: MW-39S — **Lab Sample ID: 640-42734-19**
Date Collected: 03/13/13 13:40 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.7		1.5	0.20	ug/L		03/21/13 15:24	03/23/13 04:17	1
Nickel	15		5.0	2.0	ug/L		03/21/13 15:24	03/23/13 04:17	1
Zinc	67		20	8.3	ug/L		03/21/13 15:24	03/23/13 04:17	1

Client Sample ID: MW-11S — **Lab Sample ID: 640-42734-20**
Date Collected: 03/13/13 14:05 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.3		2.5	1.3	ug/L		03/21/13 15:24	03/23/13 04:23	1
Lead	0.20	U	1.5	0.20	ug/L		03/21/13 15:24	03/23/13 04:23	1
Nickel	16		5.0	2.0	ug/L		03/21/13 15:24	03/23/13 04:23	1

Client Sample ID: MW-5S-R — **Lab Sample ID: 640-42734-21**
Date Collected: 03/13/13 14:23 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.7		2.5	1.3	ug/L		03/21/13 15:24	03/23/13 04:44	1
Beryllium	0.36	J	0.50	0.25	ug/L		03/21/13 15:24	03/23/13 04:44	1
Cadmium	0.13	J	0.50	0.095	ug/L		03/21/13 15:24	03/23/13 04:44	1
Lead	1.7		1.5	0.20	ug/L		03/21/13 15:24	03/23/13 04:44	1
Nickel	9.1		5.0	2.0	ug/L		03/21/13 15:24	03/23/13 04:44	1

Client Sample ID: MW-38S — **Lab Sample ID: 640-42734-22**
Date Collected: 03/13/13 14:50 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/21/13 15:24	03/23/13 04:50	1
Lead	0.20	U	1.5	0.20	ug/L		03/21/13 15:24	03/23/13 04:50	1
Nickel	2.7	J	5.0	2.0	ug/L		03/21/13 15:24	03/23/13 04:50	1

Client Sample ID: MW-13I — **Lab Sample ID: 640-42734-23**
Date Collected: 03/13/13 16:50 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/21/13 15:24	03/23/13 04:57	1
Lead	0.20	U	1.5	0.20	ug/L		03/21/13 15:24	03/23/13 04:57	1
Nickel	2.0	U	5.0	2.0	ug/L		03/21/13 15:24	03/23/13 04:57	1

Client Sample ID: MW-12I — **Lab Sample ID: 640-42734-24**
Date Collected: 03/13/13 17:20 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/21/13 15:24	03/23/13 05:04	1
Barium	460		5.0	1.3	ug/L		03/21/13 15:24	03/23/13 05:04	1
Beryllium	1.5		0.50	0.25	ug/L		03/21/13 15:24	03/23/13 05:04	1
Lead	5.4		1.5	0.20	ug/L		03/21/13 15:24	03/23/13 05:04	1
Nickel	7.7		5.0	2.0	ug/L		03/21/13 15:24	03/23/13 05:04	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Client Sample ID: MW-12S — **Lab Sample ID: 640-42734-25**
Date Collected: 03/13/13 17:35 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	210		2.5	1.3	ug/L		03/21/13 15:24	03/23/13 05:10	1
Barium	1300		5.0	1.3	ug/L		03/21/13 15:24	03/23/13 05:10	1
Beryllium	35		0.50	0.25	ug/L		03/21/13 15:24	03/23/13 05:10	1
Cadmium	5.0		0.50	0.095	ug/L		03/21/13 15:24	03/23/13 05:10	1
Copper	260		5.0	1.1	ug/L		03/21/13 15:24	03/23/13 05:10	1
Lead	85		6.0	0.80	ug/L		03/21/13 15:24	03/25/13 19:49	4
Nickel	180		5.0	2.0	ug/L		03/21/13 15:24	03/23/13 05:10	1
Selenium	54		2.5	1.0	ug/L		03/21/13 15:24	03/23/13 05:10	1
Zinc	1100		20	8.3	ug/L		03/21/13 15:24	03/23/13 05:10	1
Thallium	1.4		1.0	0.50	ug/L		03/21/13 15:24	03/23/13 05:10	1

Client Sample ID: DUP-6 — **Lab Sample ID: 640-42734-26**
Date Collected: 03/13/13 00:00 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	210		2.5	1.3	ug/L		03/21/13 15:24	03/23/13 05:17	1
Lead	81		6.0	0.80	ug/L		03/21/13 15:24	03/25/13 20:02	4
Nickel	180		5.0	2.0	ug/L		03/21/13 15:24	03/23/13 05:17	1
Cadmium	5.1		0.50	0.095	ug/L		03/21/13 15:24	03/23/13 05:17	1
Beryllium	35		0.50	0.25	ug/L		03/21/13 15:24	03/23/13 05:17	1
Barium	1300		5.0	1.3	ug/L		03/21/13 15:24	03/23/13 05:17	1
Thallium	1.4		1.0	0.50	ug/L		03/21/13 15:24	03/23/13 05:17	1
Copper	260		5.0	1.1	ug/L		03/21/13 15:24	03/23/13 05:17	1
Zinc	1100		20	8.3	ug/L		03/21/13 15:24	03/23/13 05:17	1
Selenium	52		2.5	1.0	ug/L		03/21/13 15:24	03/23/13 05:17	1

Client Sample ID: MW-15S — **Lab Sample ID: 640-42734-27**
Date Collected: 03/13/13 17:55 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	44		2.5	1.3	ug/L		03/21/13 15:24	03/23/13 05:24	1
Beryllium	4.3		0.50	0.25	ug/L		03/21/13 15:24	03/23/13 05:24	1
Lead	27		1.5	0.20	ug/L		03/21/13 15:24	03/23/13 05:24	1
Nickel	39		5.0	2.0	ug/L		03/21/13 15:24	03/23/13 05:24	1

Client Sample ID: MW-35S — **Lab Sample ID: 640-42734-28**
Date Collected: 03/13/13 18:15 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/21/13 15:24	03/23/13 05:30	1
Barium	2400		5.0	1.3	ug/L		03/21/13 15:24	03/23/13 05:30	1
Lead	17		1.5	0.20	ug/L		03/21/13 15:24	03/23/13 05:30	1
Nickel	12		5.0	2.0	ug/L		03/21/13 15:24	03/23/13 05:30	1

Client Sample ID: MW-42S — **Lab Sample ID: 640-42734-29**
Date Collected: 03/14/13 10:20 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	26		2.5	1.3	ug/L		03/21/13 15:24	03/23/13 05:37	1
Barium	2.4	J	5.0	1.3	ug/L		03/21/13 15:24	03/23/13 05:37	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable (Continued)

Client Sample ID: MW-42S — **Lab Sample ID: 640-42734-29**
Date Collected: 03/14/13 10:20 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.25	U	0.50	0.25	ug/L		03/21/13 15:24	03/23/13 05:37	1
Cadmium	2.1		0.50	0.095	ug/L		03/21/13 15:24	03/23/13 05:37	1
Lead	0.20	U	1.5	0.20	ug/L		03/21/13 15:24	03/23/13 05:37	1
Nickel	35		5.0	2.0	ug/L		03/21/13 15:24	03/23/13 05:37	1
Zinc	970		20	8.3	ug/L		03/21/13 15:24	03/23/13 05:37	1

Client Sample ID: FFFW-3-R — **Lab Sample ID: 640-42734-30**
Date Collected: 03/14/13 11:00 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	14		2.5	1.3	ug/L		03/21/13 15:24	03/23/13 05:44	1
Lead	0.20	U	1.5	0.20	ug/L		03/21/13 15:24	03/23/13 05:44	1
Nickel	74		5.0	2.0	ug/L		03/21/13 15:24	03/23/13 05:44	1

Client Sample ID: MW-43S — **Lab Sample ID: 640-42734-31**
Date Collected: 03/14/13 11:22 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11		2.5	1.3	ug/L		03/21/13 15:24	03/23/13 06:04	1
Cadmium	2.0		0.50	0.095	ug/L		03/21/13 15:24	03/23/13 06:04	1
Lead	0.20	U	1.5	0.20	ug/L		03/21/13 15:24	03/23/13 06:04	1
Nickel	41		5.0	2.0	ug/L		03/21/13 15:24	03/23/13 06:04	1
Zinc	250		20	8.3	ug/L		03/21/13 15:24	03/23/13 06:04	1

Client Sample ID: MW-18S — **Lab Sample ID: 640-42734-32**
Date Collected: 03/14/13 11:50 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.6	J	2.5	1.3	ug/L		03/21/13 15:24	03/23/13 06:10	1
Barium	360		5.0	1.3	ug/L		03/21/13 15:24	03/23/13 06:10	1
Beryllium	1.8		0.50	0.25	ug/L		03/21/13 15:24	03/23/13 06:10	1
Cadmium	0.36	J	0.50	0.095	ug/L		03/21/13 15:24	03/23/13 06:10	1
Copper	1.4	J	5.0	1.1	ug/L		03/21/13 15:24	03/23/13 06:10	1
Lead	0.20	U	1.5	0.20	ug/L		03/21/13 15:24	03/23/13 06:10	1
Nickel	15		5.0	2.0	ug/L		03/21/13 15:24	03/23/13 06:10	1
Zinc	100		20	8.3	ug/L		03/21/13 15:24	03/23/13 06:10	1
Thallium	0.50	U	1.0	0.50	ug/L		03/21/13 15:24	03/23/13 06:10	1

Client Sample ID: MW-4S — **Lab Sample ID: 640-42734-33**
Date Collected: 03/14/13 13:35 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	63		2.5	1.3	ug/L		03/21/13 15:24	03/23/13 06:17	1
Beryllium	0.25	U	0.50	0.25	ug/L		03/21/13 15:24	03/23/13 06:17	1
Cadmium	0.94		0.50	0.095	ug/L		03/21/13 15:24	03/23/13 06:17	1
Copper	27		5.0	1.1	ug/L		03/21/13 15:24	03/23/13 06:17	1
Lead	0.62	J	1.5	0.20	ug/L		03/21/13 15:24	03/23/13 06:17	1
Nickel	32		5.0	2.0	ug/L		03/21/13 15:24	03/23/13 06:17	1
Zinc	220		20	8.3	ug/L		03/21/13 15:24	03/23/13 06:17	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Client Sample ID: MW-34I — **Lab Sample ID: 640-42734-34**
Date Collected: 03/14/13 15:38 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/21/13 15:24	03/23/13 06:24	1
Lead	2.4		1.5	0.20	ug/L		03/21/13 15:24	03/23/13 06:24	1
Nickel	3.9	J	5.0	2.0	ug/L		03/21/13 15:24	03/23/13 06:24	1
Zinc	8.3	U	20	8.3	ug/L		03/21/13 15:24	03/23/13 06:24	1

Client Sample ID: MW-34S — **Lab Sample ID: 640-42734-35**
Date Collected: 03/14/13 15:50 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.3		2.5	1.3	ug/L		03/21/13 15:24	03/23/13 06:30	1
Cadmium	9.1		0.50	0.095	ug/L		03/21/13 15:24	03/23/13 06:30	1
Lead	0.79	J	3.0	0.40	ug/L		03/21/13 15:24	03/25/13 20:09	2
Nickel	64		5.0	2.0	ug/L		03/21/13 15:24	03/23/13 06:30	1
Zinc	2300		20	8.3	ug/L		03/21/13 15:24	03/23/13 06:30	1

Client Sample ID: MW-26S — **Lab Sample ID: 640-42734-36**
Date Collected: 03/14/13 16:06 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/21/13 15:24	03/23/13 06:37	1
Lead	2.1		1.5	0.20	ug/L		03/21/13 15:24	03/23/13 06:37	1
Nickel	2.7	J	5.0	2.0	ug/L		03/21/13 15:24	03/23/13 06:37	1

Client Sample ID: MW-20S — **Lab Sample ID: 640-42734-37**
Date Collected: 03/14/13 16:35 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/21/13 15:24	03/23/13 06:44	1
Lead	0.20	U	1.5	0.20	ug/L		03/21/13 15:24	03/23/13 06:44	1
Nickel	2.0	U	5.0	2.0	ug/L		03/21/13 15:24	03/23/13 06:44	1

Client Sample ID: MW-19S — **Lab Sample ID: 640-42734-38**
Date Collected: 03/14/13 16:55 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	15		2.5	1.3	ug/L		03/21/13 15:46	03/23/13 18:29	1
Cadmium	8.0		0.50	0.095	ug/L		03/21/13 15:46	03/23/13 18:29	1
Lead	0.20	U	1.5	0.20	ug/L		03/21/13 15:46	03/23/13 18:29	1
Nickel	55		5.0	2.0	ug/L		03/21/13 15:46	03/23/13 18:29	1
Zinc	5600		20	8.3	ug/L		03/21/13 15:46	03/23/13 18:29	1

Client Sample ID: MW-28S — **Lab Sample ID: 640-42734-40**
Date Collected: 03/14/13 18:35 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.1	J	2.5	1.3	ug/L		03/21/13 15:46	03/23/13 19:09	1
Barium	300		5.0	1.3	ug/L		03/21/13 15:46	03/23/13 19:09	1
Beryllium	1.2		0.50	0.25	ug/L		03/21/13 15:46	03/23/13 19:09	1
Lead	3.1		1.5	0.20	ug/L		03/21/13 15:46	03/23/13 19:09	1
Nickel	10		5.0	2.0	ug/L		03/21/13 15:46	03/23/13 19:09	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Client Sample ID: MW-29S — **Lab Sample ID: 640-42734-41**
Date Collected: 03/14/13 19:00 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.8		2.5	1.3	ug/L		03/21/13 15:46	03/23/13 19:29	1
Barium	1700		5.0	1.3	ug/L		03/21/13 15:46	03/23/13 19:29	1
Beryllium	3.9		0.50	0.25	ug/L		03/21/13 15:46	03/23/13 19:29	1
Copper	17		5.0	1.1	ug/L		03/21/13 15:46	03/23/13 19:29	1
Lead	56		1.5	0.20	ug/L		03/21/13 15:46	03/23/13 19:29	1
Nickel	11		5.0	2.0	ug/L		03/21/13 15:46	03/23/13 19:29	1

Client Sample ID: DUP-2 — **Lab Sample ID: 640-42734-42**
Date Collected: 03/14/13 00:00 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.9		2.5	1.3	ug/L		03/21/13 15:46	03/23/13 19:36	1
Barium	1700		5.0	1.3	ug/L		03/21/13 15:46	03/23/13 19:36	1
Beryllium	3.9		0.50	0.25	ug/L		03/21/13 15:46	03/23/13 19:36	1
Copper	17		5.0	1.1	ug/L		03/21/13 15:46	03/23/13 19:36	1
Lead	56		1.5	0.20	ug/L		03/21/13 15:46	03/23/13 19:36	1
Nickel	13		5.0	2.0	ug/L		03/21/13 15:46	03/23/13 19:36	1

Client Sample ID: MW-3I — **Lab Sample ID: 640-42734-43**
Date Collected: 03/15/13 10:25 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/21/13 15:46	03/23/13 19:42	1
Barium	98		5.0	1.3	ug/L		03/21/13 15:46	03/23/13 19:42	1
Beryllium	0.49	J	0.50	0.25	ug/L		03/21/13 15:46	03/23/13 19:42	1
Lead	1.6		1.5	0.20	ug/L		03/21/13 15:46	03/23/13 19:42	1
Nickel	2.6	J	5.0	2.0	ug/L		03/21/13 15:46	03/23/13 19:42	1

Client Sample ID: MW-3S — **Lab Sample ID: 640-42734-44**
Date Collected: 03/15/13 11:15 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	250		2.5	1.3	ug/L		03/21/13 15:46	03/23/13 19:49	1
Barium	12		5.0	1.3	ug/L		03/21/13 15:46	03/23/13 19:49	1
Beryllium	23		0.50	0.25	ug/L		03/21/13 15:46	03/23/13 19:49	1
Cadmium	11		0.50	0.095	ug/L		03/21/13 15:46	03/23/13 19:49	1
Copper	1600		5.0	1.1	ug/L		03/21/13 15:46	03/23/13 19:49	1
Lead	120		6.0	0.80	ug/L		03/21/13 15:46	03/23/13 20:02	4
Nickel	260		5.0	2.0	ug/L		03/21/13 15:46	03/23/13 19:49	1
Selenium	77		2.5	1.0	ug/L		03/21/13 15:46	03/23/13 19:49	1
Zinc	2200		20	8.3	ug/L		03/21/13 15:46	03/23/13 19:49	1

Client Sample ID: MW-30S — **Lab Sample ID: 640-42734-48**
Date Collected: 03/15/13 12:25 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/21/13 15:46	03/23/13 20:29	1
Barium	2300		5.0	1.3	ug/L		03/21/13 15:46	03/23/13 20:29	1
Beryllium	3.1		0.50	0.25	ug/L		03/21/13 15:46	03/23/13 20:29	1
Copper	6.2		5.0	1.1	ug/L		03/21/13 15:46	03/23/13 20:29	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable (Continued)

Client Sample ID: MW-30S — **Lab Sample ID: 640-42734-48**
Date Collected: 03/15/13 12:25 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	11		1.5	0.20	ug/L		03/21/13 15:46	03/23/13 20:29	1
Nickel	11		5.0	2.0	ug/L		03/21/13 15:46	03/23/13 20:29	1

Client Sample ID: MW-40S — **Lab Sample ID: 640-42734-49**
Date Collected: 03/15/13 12:05 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/21/13 15:46	03/23/13 20:49	1
Beryllium	0.25	U	0.50	0.25	ug/L		03/21/13 15:46	03/23/13 20:49	1
Cadmium	0.095	U	0.50	0.095	ug/L		03/21/13 15:46	03/23/13 20:49	1
Lead	0.54	J	1.5	0.20	ug/L		03/21/13 15:46	03/23/13 20:49	1
Nickel	2.7	J	5.0	2.0	ug/L		03/21/13 15:46	03/23/13 20:49	1
Thallium	0.50	U	1.0	0.50	ug/L		03/21/13 15:46	03/23/13 20:49	1

Client Sample ID: MW-48S — **Lab Sample ID: 640-42734-50**
Date Collected: 03/15/13 12:45 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.1	J	2.5	1.3	ug/L		03/21/13 15:46	03/23/13 20:56	1
Barium	4300		5.0	1.3	ug/L		03/21/13 15:46	03/23/13 20:56	1
Beryllium	8.6		0.50	0.25	ug/L		03/21/13 15:46	03/23/13 20:56	1
Cadmium	0.65		0.50	0.095	ug/L		03/21/13 15:46	03/23/13 20:56	1
Copper	22		5.0	1.1	ug/L		03/21/13 15:46	03/23/13 20:56	1
Lead	33		1.5	0.20	ug/L		03/21/13 15:46	03/23/13 20:56	1
Nickel	25		5.0	2.0	ug/L		03/21/13 15:46	03/23/13 20:56	1
Selenium	1.0	U	2.5	1.0	ug/L		03/21/13 15:46	03/23/13 20:56	1
Zinc	95		20	8.3	ug/L		03/21/13 15:46	03/23/13 20:56	1
Thallium	0.63	J	1.0	0.50	ug/L		03/21/13 15:46	03/23/13 20:56	1

Client Sample ID: DUP-3 — **Lab Sample ID: 640-42734-51**
Date Collected: 03/15/13 00:00 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	260		2.5	1.3	ug/L		03/21/13 15:46	03/23/13 21:02	1
Barium	13		5.0	1.3	ug/L		03/21/13 15:46	03/23/13 21:02	1
Beryllium	24		0.50	0.25	ug/L		03/21/13 15:46	03/23/13 21:02	1
Cadmium	11		0.50	0.095	ug/L		03/21/13 15:46	03/23/13 21:02	1
Copper	1600		5.0	1.1	ug/L		03/21/13 15:46	03/23/13 21:02	1
Lead	130		3.0	0.40	ug/L		03/21/13 15:46	03/23/13 21:09	2
Nickel	260		5.0	2.0	ug/L		03/21/13 15:46	03/23/13 21:02	1
Selenium	80		2.5	1.0	ug/L		03/21/13 15:46	03/23/13 21:02	1
Zinc	2200		20	8.3	ug/L		03/21/13 15:46	03/23/13 21:02	1

Client Sample ID: DUP-5 — **Lab Sample ID: 640-42734-52**
Date Collected: 03/12/13 00:00 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	10		2.5	1.3	ug/L		03/21/13 15:46	03/23/13 21:22	1
Beryllium	0.67		0.50	0.25	ug/L		03/21/13 15:46	03/23/13 21:22	1
Lead	9.4		1.5	0.20	ug/L		03/21/13 15:46	03/23/13 21:22	1

Client Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-1

Method: 6020A - Metals (ICP/MS) - Total Recoverable (Continued)

Client Sample ID: DUP-5
Date Collected: 03/12/13 00:00
Date Received: 03/15/13 16:33

Lab Sample ID: 640-42734-52
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	7.3		5.0	2.0	ug/L		03/21/13 15:46	03/23/13 21:22	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Client Sample ID: MW-1S-R Filter — **Lab Sample ID: 640-42734-9**
Date Collected: 03/12/13 16:57 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	1.3	U	2.5	1.3	ug/L		03/20/13 13:40	03/21/13 21:19	1
Lead, Dissolved	0.20	U	1.5	0.20	ug/L		03/20/13 13:40	03/21/13 21:19	1
Nickel, Dissolved	2.0	U	5.0	2.0	ug/L		03/20/13 13:40	03/21/13 21:19	1

Client Sample ID: MW-28S Filter — **Lab Sample ID: 640-42734-39**
Date Collected: 03/14/13 18:35 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	1.3	U	2.5	1.3	ug/L		03/21/13 15:46	03/23/13 19:03	1
Lead, Dissolved	**1.2**	**J**	1.5	0.20	ug/L		03/21/13 15:46	03/23/13 19:03	1
Nickel, Dissolved	**9.7**		5.0	2.0	ug/L		03/21/13 15:46	03/23/13 19:03	1
Beryllium, Dissolved	**1.1**		0.50	0.25	ug/L		03/21/13 15:46	03/23/13 19:03	1
Barium, Dissolved	**300**		5.0	1.3	ug/L		03/21/13 15:46	03/23/13 19:03	1

Client Sample ID: MW-7S-R Filter — **Lab Sample ID: 640-42734-45**
Date Collected: 03/12/13 13:20 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**3.4**		2.5	1.3	ug/L		03/21/13 15:46	03/23/13 20:09	1
Beryllium, Dissolved	**4.6**		0.50	0.25	ug/L		03/21/13 15:46	03/23/13 20:09	1
Lead, Dissolved	**2.3**		1.5	0.20	ug/L		03/21/13 15:46	03/23/13 20:09	1
Nickel, Dissolved	**100**		5.0	2.0	ug/L		03/21/13 15:46	03/23/13 20:09	1

Client Sample ID: MW-5SR Filter — **Lab Sample ID: 640-42734-46**
Date Collected: 03/13/13 14:23 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	1.3	U	2.5	1.3	ug/L		03/21/13 15:46	03/23/13 20:16	1
Beryllium, Dissolved	0.25	U	0.50	0.25	ug/L		03/21/13 15:46	03/23/13 20:16	1
Cadmium, Dissolved	**0.11**	**J**	0.50	0.095	ug/L		03/21/13 15:46	03/23/13 20:16	1
Lead, Dissolved	0.20	U	1.5	0.20	ug/L		03/21/13 15:46	03/23/13 20:16	1
Nickel, Dissolved	**9.4**		5.0	2.0	ug/L		03/21/13 15:46	03/23/13 20:16	1

Client Sample ID: MW-34I Filter — **Lab Sample ID: 640-42734-47**
Date Collected: 03/14/13 15:38 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	1.3	U	2.5	1.3	ug/L		03/21/13 15:46	03/23/13 20:22	1
Lead, Dissolved	0.20	U	1.5	0.20	ug/L		03/21/13 15:46	03/23/13 20:22	1
Nickel, Dissolved	2.0	U	5.0	2.0	ug/L		03/21/13 15:46	03/23/13 20:22	1
Zinc, Dissolved	8.3	U	20	8.3	ug/L		03/21/13 15:46	03/23/13 20:22	1

Method: 7470A - Mercury (CVAA)

Client Sample ID: MW-35S — **Lab Sample ID: 640-42734-28**
Date Collected: 03/13/13 18:15 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.31		0.20	0.091	ug/L		03/20/13 10:36	03/21/13 17:39	1

Client Sample ID: MW-29S — **Lab Sample ID: 640-42734-41**
Date Collected: 03/14/13 19:00 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	1.8		0.20	0.091	ug/L		03/20/13 10:36	03/21/13 17:43	1

Client Sample ID: DUP-2 — **Lab Sample ID: 640-42734-42**
Date Collected: 03/14/13 00:00 — **Matrix: Water**
Date Received: 03/15/13 16:33

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	1.7		0.20	0.091	ug/L		03/20/13 10:36	03/21/13 17:41	1

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 680-270008/1-A
Matrix: Water
Analysis Batch: 270415

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 270008

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/20/13 13:40	03/21/13 18:21	1
Arsenic, Dissolved	1.3	U	2.5	1.3	ug/L		03/20/13 13:40	03/21/13 18:21	1
Lead	0.20	U	1.5	0.20	ug/L		03/20/13 13:40	03/21/13 18:21	1
Lead, Dissolved	0.20	U	1.5	0.20	ug/L		03/20/13 13:40	03/21/13 18:21	1
Nickel	2.0	U	5.0	2.0	ug/L		03/20/13 13:40	03/21/13 18:21	1
Nickel, Dissolved	2.0	U	5.0	2.0	ug/L		03/20/13 13:40	03/21/13 18:21	1
Cadmium	0.095	U	0.50	0.095	ug/L		03/20/13 13:40	03/21/13 18:21	1
Beryllium	0.25	U	0.50	0.25	ug/L		03/20/13 13:40	03/21/13 18:21	1
Beryllium, Dissolved	0.25	U	0.50	0.25	ug/L		03/20/13 13:40	03/21/13 18:21	1
Barium	1.3	U	5.0	1.3	ug/L		03/20/13 13:40	03/21/13 18:21	1
Barium, Dissolved	1.3	U	5.0	1.3	ug/L		03/20/13 13:40	03/21/13 18:21	1
Thallium	0.50	U	1.0	0.50	ug/L		03/20/13 13:40	03/21/13 18:21	1
Copper	1.1	U	5.0	1.1	ug/L		03/20/13 13:40	03/21/13 18:21	1
Zinc	8.3	U	20	8.3	ug/L		03/20/13 13:40	03/21/13 18:21	1
Selenium	1.0	U	2.5	1.0	ug/L		03/20/13 13:40	03/21/13 18:21	1

Lab Sample ID: LCS 680-270008/2-A
Matrix: Water
Analysis Batch: 270415

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 270008

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	100	112		ug/L		112	75 - 125
Arsenic, Dissolved	100	112		ug/L		112	75 - 125
Lead	50.0	52.9		ug/L		106	75 - 125
Lead, Dissolved	50.0	52.9		ug/L		106	75 - 125
Nickel	100	114		ug/L		114	75 - 125
Nickel, Dissolved	100	114		ug/L		114	75 - 125
Cadmium	50.0	55.6		ug/L		111	75 - 125
Beryllium	50.0	50.6		ug/L		101	75 - 125
Beryllium, Dissolved	50.0	50.6		ug/L		101	75 - 125
Barium	100	109		ug/L		109	75 - 125
Barium, Dissolved	100	109		ug/L		109	75 - 125
Thallium	40.0	42.8		ug/L		107	75 - 125
Copper	100	116		ug/L		116	75 - 125
Zinc	100	116		ug/L		116	75 - 125
Selenium	100	116		ug/L		116	75 - 125

Lab Sample ID: MB 680-270201/1-A
Matrix: Water
Analysis Batch: 270565

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 270201

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/21/13 14:22	03/23/13 14:30	1
Lead	0.20	U	1.5	0.20	ug/L		03/21/13 14:22	03/23/13 14:30	1
Nickel	2.0	U	5.0	2.0	ug/L		03/21/13 14:22	03/23/13 14:30	1
Thallium	0.50	U	1.0	0.50	ug/L		03/21/13 14:22	03/23/13 14:30	1
Copper	1.1	U	5.0	1.1	ug/L		03/21/13 14:22	03/23/13 14:30	1
Zinc	8.3	U	20	8.3	ug/L		03/21/13 14:22	03/23/13 14:30	1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-270201/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 270565 — **Prep Batch: 270201**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	100	106		ug/L		106	75 - 125
Lead	50.0	46.5		ug/L		93	75 - 125
Nickel	100	103		ug/L		103	75 - 125
Thallium	40.0	40.8		ug/L		102	75 - 125
Copper	100	104		ug/L		104	75 - 125
Zinc	100	108		ug/L		108	75 - 125

Lab Sample ID: 640-42734-17 MS — **Client Sample ID: MW-37S**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 270565 — **Prep Batch: 270201**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	2.1	J	100	104		ug/L		102	75 - 125
Lead	0.32	J	50.0	47.0		ug/L		93	75 - 125
Nickel	2.0	U	100	98.3		ug/L		98	75 - 125
Thallium	0.50		40.0	39.5		ug/L		99	75 - 125
Copper	1.1		100	99.7		ug/L		100	75 - 125
Zinc	8.3		100	104		ug/L		104	75 - 125

Lab Sample ID: 640-42734-17 MSD — **Client Sample ID: MW-37S**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 270565 — **Prep Batch: 270201**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	2.1	J	100	102		ug/L		100	75 - 125	2	20
Lead	0.32	J	50.0	46.4		ug/L		92	75 - 125	1	20
Nickel	2.0	U	100	96.6		ug/L		97	75 - 125	2	20
Thallium	0.50		40.0	38.4		ug/L		96	75 - 125	3	20
Copper	1.1		100	97.0		ug/L		97	75 - 125	3	20
Zinc	8.3		100	101		ug/L		101	75 - 125	3	20

Lab Sample ID: MB 680-270220/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 270420 — **Prep Batch: 270220**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/21/13 15:24	03/23/13 03:23	1
Lead	0.20	U	1.5	0.20	ug/L		03/21/13 15:24	03/23/13 03:23	1
Nickel	2.0	U	5.0	2.0	ug/L		03/21/13 15:24	03/23/13 03:23	1
Cadmium	0.095	U	0.50	0.095	ug/L		03/21/13 15:24	03/23/13 03:23	1
Beryllium	0.25	U	0.50	0.25	ug/L		03/21/13 15:24	03/23/13 03:23	1
Barium	1.3	U	5.0	1.3	ug/L		03/21/13 15:24	03/23/13 03:23	1
Thallium	0.50	U	1.0	0.50	ug/L		03/21/13 15:24	03/23/13 03:23	1
Copper	1.1	U	5.0	1.1	ug/L		03/21/13 15:24	03/23/13 03:23	1
Zinc	8.3	U	20	8.3	ug/L		03/21/13 15:24	03/23/13 03:23	1
Selenium	1.0	U	2.5	1.0	ug/L		03/21/13 15:24	03/23/13 03:23	1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-270220/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 270420 — **Prep Batch: 270220**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	100	106		ug/L		106	75 - 125
Lead	50.0	44.3		ug/L		89	75 - 125
Nickel	100	99.6		ug/L		100	75 - 125
Cadmium	50.0	47.1		ug/L		94	75 - 125
Beryllium	50.0	48.3		ug/L		97	75 - 125
Barium	100	96.9		ug/L		97	75 - 125
Thallium	40.0	34.8		ug/L		87	75 - 125
Copper	100	101		ug/L		101	75 - 125
Zinc	100	96.7		ug/L		97	75 - 125
Selenium	100	96.2		ug/L		96	75 - 125

Lab Sample ID: 640-42734-18 MS — **Client Sample ID: MW-6I**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 270420 — **Prep Batch: 270220**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.3	U	100	105		ug/L		105	75 - 125
Lead	2.8		50.0	48.0		ug/L		90	75 - 125
Nickel	3.4	J	100	102		ug/L		98	75 - 125
Cadmium	0.10		50.0	48.2		ug/L		96	75 - 125
Beryllium	0.84		50.0	48.8		ug/L		96	75 - 125
Barium	74		100	172		ug/L		99	75 - 125
Thallium	0.50		40.0	35.9		ug/L		90	75 - 125
Copper	2.4		100	103		ug/L		101	75 - 125
Zinc	17		100	112		ug/L		95	75 - 125
Selenium	1.0		100	96.6		ug/L		97	75 - 125

Lab Sample ID: 640-42734-18 MSD — **Client Sample ID: MW-6I**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 270420 — **Prep Batch: 270220**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	1.3	U	100	105		ug/L		105	75 - 125	0	20
Lead	2.8		50.0	47.3		ug/L		89	75 - 125	2	20
Nickel	3.4	J	100	102		ug/L		98	75 - 125	0	20
Cadmium	0.10		50.0	47.0		ug/L		94	75 - 125	2	20
Beryllium	0.84		50.0	47.7		ug/L		94	75 - 125	2	20
Barium	74		100	170		ug/L		96	75 - 125	1	20
Thallium	0.50		40.0	35.9		ug/L		90	75 - 125	0	20
Copper	2.4		100	102		ug/L		100	75 - 125	1	20
Zinc	17		100	111		ug/L		94	75 - 125	1	20
Selenium	1.0		100	96.7		ug/L		97	75 - 125	0	20

Lab Sample ID: MB 680-270224/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 270565 — **Prep Batch: 270224**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/21/13 15:46	03/23/13 18:09	1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-270224/1-A
Matrix: Water
Analysis Batch: 270565

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 270224

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	1.3	U	2.5	1.3	ug/L		03/21/13 15:46	03/23/13 18:09	1
Lead	0.20	U	1.5	0.20	ug/L		03/21/13 15:46	03/23/13 18:09	1
Lead, Dissolved	0.20	U	1.5	0.20	ug/L		03/21/13 15:46	03/23/13 18:09	1
Nickel	2.0	U	5.0	2.0	ug/L		03/21/13 15:46	03/23/13 18:09	1
Nickel, Dissolved	2.0	U	5.0	2.0	ug/L		03/21/13 15:46	03/23/13 18:09	1
Cadmium	0.095	U	0.50	0.095	ug/L		03/21/13 15:46	03/23/13 18:09	1
Cadmium, Dissolved	0.095	U	0.50	0.095	ug/L		03/21/13 15:46	03/23/13 18:09	1
Beryllium	0.25	U	0.50	0.25	ug/L		03/21/13 15:46	03/23/13 18:09	1
Beryllium, Dissolved	0.25	U	0.50	0.25	ug/L		03/21/13 15:46	03/23/13 18:09	1
Barium	1.3	U	5.0	1.3	ug/L		03/21/13 15:46	03/23/13 18:09	1
Barium, Dissolved	1.3	U	5.0	1.3	ug/L		03/21/13 15:46	03/23/13 18:09	1
Thallium	0.50	U	1.0	0.50	ug/L		03/21/13 15:46	03/23/13 18:09	1
Copper	1.1	U	5.0	1.1	ug/L		03/21/13 15:46	03/23/13 18:09	1
Zinc	8.3	U	20	8.3	ug/L		03/21/13 15:46	03/23/13 18:09	1
Zinc, Dissolved	8.3	U	20	8.3	ug/L		03/21/13 15:46	03/23/13 18:09	1
Selenium	1.0	U	2.5	1.0	ug/L		03/21/13 15:46	03/23/13 18:09	1

Lab Sample ID: LCS 680-270224/2-A
Matrix: Water
Analysis Batch: 270565

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 270224

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	100	105		ug/L		105	75 - 125
Lead	50.0	47.9		ug/L		96	75 - 125
Nickel	100	103		ug/L		103	75 - 125
Cadmium	50.0	51.0		ug/L		102	75 - 125
Zinc	100	109		ug/L		109	75 - 125

Lab Sample ID: 640-42734-38 MS
Matrix: Water
Analysis Batch: 270565

Client Sample ID: MW-19S
Prep Type: Total Recoverable
Prep Batch: 270224

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	15		100	122		ug/L		107	75 - 125
Lead	0.20	U	50.0	48.5		ug/L		97	75 - 125
Nickel	55		100	156		ug/L		101	75 - 125
Cadmium	8.0		50.0	58.1		ug/L		100	75 - 125
Beryllium	0.33		50.0	52.4		ug/L		104	75 - 125
Barium	3.2		100	107		ug/L		104	75 - 125
Thallium	0.50		40.0	39.9		ug/L		100	75 - 125
Copper	120		100	218		ug/L		103	75 - 125
Zinc	5600		100	5720	4	ug/L		150	75 - 125
Selenium	1.0		100	106		ug/L		106	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 640-42734-38 MSD — **Client Sample ID: MW-19S**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 270565 — **Prep Batch: 270224**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	15		100	121		ug/L		106	75 - 125	1	20
Lead	0.20	U	50.0	48.4		ug/L		97	75 - 125	0	20
Nickel	55		100	153		ug/L		97	75 - 125	2	20
Cadmium	8.0		50.0	57.4		ug/L		99	75 - 125	1	20
Beryllium	0.33		50.0	51.0		ug/L		101	75 - 125	3	20
Barium	3.2		100	107		ug/L		103	75 - 125	1	20
Thallium	0.50		40.0	39.8		ug/L		100	75 - 125	0	20
Copper	120		100	214		ug/L		99	75 - 125	2	20
Zinc	5600		100	5570	4	ug/L		0	75 - 125	3	20
Selenium	1.0		100	105		ug/L		105	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-269936/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 270333 — **Prep Batch: 269936**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		03/20/13 10:36	03/21/13 17:14	1

Lab Sample ID: LCS 680-269936/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 270333 — **Prep Batch: 269936**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	2.50	2.52		ug/L		101	80 - 120

Metals

Prep Batch: 269936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-42734-28	MW-35S	Total/NA	Water	7470A	
640-42734-41	MW-29S	Total/NA	Water	7470A	
640-42734-42	DUP-2	Total/NA	Water	7470A	
LCS 680-269936/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 680-269936/1-A	Method Blank	Total/NA	Water	7470A	

Prep Batch: 270008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-42734-1	MW-8I	Total Recoverable	Water	3005A	
640-42734-2	MW-2S	Total Recoverable	Water	3005A	
640-42734-3	MW-2I	Total Recoverable	Water	3005A	
640-42734-4	MW-7S-R	Total Recoverable	Water	3005A	
640-42734-5	MW-6S-R	Total Recoverable	Water	3005A	
640-42734-6	DUP-1	Total Recoverable	Water	3005A	
640-42734-7	MW-7I	Total Recoverable	Water	3005A	
640-42734-8	MW-1I-R	Total Recoverable	Water	3005A	
640-42734-9	MW-1S-R Filter	Dissolved	Water	3005A	
640-42734-10	MW-1S-R	Total Recoverable	Water	3005A	
640-42734-11	MW-36S	Total Recoverable	Water	3005A	
640-42734-12	MW-9S-R	Total Recoverable	Water	3005A	
640-42734-13	MW-10I	Total Recoverable	Water	3005A	
640-42734-14	MW-10S-R	Total Recoverable	Water	3005A	
640-42734-15	MW-13S-R	Total Recoverable	Water	3005A	
LCS 680-270008/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 680-270008/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 270201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-42734-16	MW-27S-R	Total Recoverable	Water	3005A	
640-42734-17	MW-37S	Total Recoverable	Water	3005A	
640-42734-17 MS	MW-37S	Total Recoverable	Water	3005A	
640-42734-17 MSD	MW-37S	Total Recoverable	Water	3005A	
LCS 680-270201/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 680-270201/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 270220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-42734-18	MW-6I	Total Recoverable	Water	3005A	
640-42734-18 MS	MW-6I	Total Recoverable	Water	3005A	
640-42734-18 MSD	MW-6I	Total Recoverable	Water	3005A	
640-42734-19	MW-39S	Total Recoverable	Water	3005A	
640-42734-20	MW-11S	Total Recoverable	Water	3005A	
640-42734-21	MW-5S-R	Total Recoverable	Water	3005A	
640-42734-22	MW-38S	Total Recoverable	Water	3005A	
640-42734-23	MW-13I	Total Recoverable	Water	3005A	
640-42734-24	MW-12I	Total Recoverable	Water	3005A	
640-42734-25	MW-12S	Total Recoverable	Water	3005A	
640-42734-26	DUP-6	Total Recoverable	Water	3005A	
640-42734-27	MW-15S	Total Recoverable	Water	3005A	
640-42734-28	MW-35S	Total Recoverable	Water	3005A	
640-42734-29	MW-42S	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 270220 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-42734-30	FFFW-3-R	Total Recoverable	Water	3005A	
640-42734-31	MW-43S	Total Recoverable	Water	3005A	
640-42734-32	MW-18S	Total Recoverable	Water	3005A	
640-42734-33	MW-4S	Total Recoverable	Water	3005A	
640-42734-34	MW-34I	Total Recoverable	Water	3005A	
640-42734-35	MW-34S	Total Recoverable	Water	3005A	
640-42734-36	MW-26S	Total Recoverable	Water	3005A	
640-42734-37	MW-20S	Total Recoverable	Water	3005A	
LCS 680-270220/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 680-270220/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 270224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-42734-38	MW-19S	Total Recoverable	Water	3005A	
640-42734-38 MS	MW-19S	Total Recoverable	Water	3005A	
640-42734-38 MSD	MW-19S	Total Recoverable	Water	3005A	
640-42734-39	MW-28S Filter	Dissolved	Water	3005A	
640-42734-40	MW-28S	Total Recoverable	Water	3005A	
640-42734-41	MW-29S	Total Recoverable	Water	3005A	
640-42734-42	DUP-2	Total Recoverable	Water	3005A	
640-42734-43	MW-3I	Total Recoverable	Water	3005A	
640-42734-44	MW-3S	Total Recoverable	Water	3005A	
640-42734-45	MW-7S-R Filter	Dissolved	Water	3005A	
640-42734-46	MW-5SR Filter	Dissolved	Water	3005A	
640-42734-47	MW-34I Filter	Dissolved	Water	3005A	
640-42734-48	MW-30S	Total Recoverable	Water	3005A	
640-42734-49	MW-40S	Total Recoverable	Water	3005A	
640-42734-50	MW-48S	Total Recoverable	Water	3005A	
640-42734-51	DUP-3	Total Recoverable	Water	3005A	
640-42734-52	DUP-5	Total Recoverable	Water	3005A	
LCS 680-270224/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 680-270224/1-A	Method Blank	Total Recoverable	Water	3005A	

Analysis Batch: 270333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-42734-28	MW-35S	Total/NA	Water	7470A	269936
640-42734-41	MW-29S	Total/NA	Water	7470A	269936
640-42734-42	DUP-2	Total/NA	Water	7470A	269936
LCS 680-269936/2-A	Lab Control Sample	Total/NA	Water	7470A	269936
MB 680-269936/1-A	Method Blank	Total/NA	Water	7470A	269936

Analysis Batch: 270415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-42734-1	MW-8I	Total Recoverable	Water	6020A	270008
640-42734-2	MW-2S	Total Recoverable	Water	6020A	270008
640-42734-3	MW-2I	Total Recoverable	Water	6020A	270008
640-42734-4	MW-7S-R	Total Recoverable	Water	6020A	270008
640-42734-5	MW-6S-R	Total Recoverable	Water	6020A	270008
640-42734-6	DUP-1	Total Recoverable	Water	6020A	270008
640-42734-7	MW-7I	Total Recoverable	Water	6020A	270008
640-42734-8	MW-1I-R	Total Recoverable	Water	6020A	270008

Metals (Continued)

Analysis Batch: 270415 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-42734-9	MW-1S-R Filter	Dissolved	Water	6020A	270008
640-42734-10	MW-1S-R	Total Recoverable	Water	6020A	270008
640-42734-11	MW-36S	Total Recoverable	Water	6020A	270008
640-42734-12	MW-9S-R	Total Recoverable	Water	6020A	270008
640-42734-13	MW-10I	Total Recoverable	Water	6020A	270008
640-42734-14	MW-10S-R	Total Recoverable	Water	6020A	270008
640-42734-15	MW-13S-R	Total Recoverable	Water	6020A	270008
LCS 680-270008/2-A	Lab Control Sample	Total Recoverable	Water	6020A	270008
MB 680-270008/1-A	Method Blank	Total Recoverable	Water	6020A	270008

Analysis Batch: 270420

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-42734-18	MW-6I	Total Recoverable	Water	6020A	270220
640-42734-18 MS	MW-6I	Total Recoverable	Water	6020A	270220
640-42734-18 MSD	MW-6I	Total Recoverable	Water	6020A	270220
640-42734-19	MW-39S	Total Recoverable	Water	6020A	270220
640-42734-20	MW-11S	Total Recoverable	Water	6020A	270220
640-42734-21	MW-5S-R	Total Recoverable	Water	6020A	270220
640-42734-22	MW-38S	Total Recoverable	Water	6020A	270220
640-42734-23	MW-13I	Total Recoverable	Water	6020A	270220
640-42734-24	MW-12I	Total Recoverable	Water	6020A	270220
640-42734-25	MW-12S	Total Recoverable	Water	6020A	270220
640-42734-26	DUP-6	Total Recoverable	Water	6020A	270220
640-42734-27	MW-15S	Total Recoverable	Water	6020A	270220
640-42734-28	MW-35S	Total Recoverable	Water	6020A	270220
640-42734-29	MW-42S	Total Recoverable	Water	6020A	270220
640-42734-30	FFFW-3-R	Total Recoverable	Water	6020A	270220
640-42734-31	MW-43S	Total Recoverable	Water	6020A	270220
640-42734-32	MW-18S	Total Recoverable	Water	6020A	270220
640-42734-33	MW-4S	Total Recoverable	Water	6020A	270220
640-42734-34	MW-34I	Total Recoverable	Water	6020A	270220
640-42734-35	MW-34S	Total Recoverable	Water	6020A	270220
640-42734-36	MW-26S	Total Recoverable	Water	6020A	270220
640-42734-37	MW-20S	Total Recoverable	Water	6020A	270220
LCS 680-270220/2-A	Lab Control Sample	Total Recoverable	Water	6020A	270220
MB 680-270220/1-A	Method Blank	Total Recoverable	Water	6020A	270220

Analysis Batch: 270565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-42734-16	MW-27S-R	Total Recoverable	Water	6020A	270201
640-42734-17	MW-37S	Total Recoverable	Water	6020A	270201
640-42734-17 MS	MW-37S	Total Recoverable	Water	6020A	270201
640-42734-17 MSD	MW-37S	Total Recoverable	Water	6020A	270201
640-42734-38	MW-19S	Total Recoverable	Water	6020A	270224
640-42734-38 MS	MW-19S	Total Recoverable	Water	6020A	270224
640-42734-38 MSD	MW-19S	Total Recoverable	Water	6020A	270224
640-42734-39	MW-28S Filter	Dissolved	Water	6020A	270224
640-42734-40	MW-28S	Total Recoverable	Water	6020A	270224
640-42734-41	MW-29S	Total Recoverable	Water	6020A	270224
640-42734-42	DUP-2	Total Recoverable	Water	6020A	270224
640-42734-43	MW-3I	Total Recoverable	Water	6020A	270224

Metals (Continued)

Analysis Batch: 270565 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-42734-44	MW-3S	Total Recoverable	Water	6020A	270224
640-42734-44	MW-3S	Total Recoverable	Water	6020A	270224
640-42734-45	MW-7S-R Filter	Dissolved	Water	6020A	270224
640-42734-46	MW-5SR Filter	Dissolved	Water	6020A	270224
640-42734-47	MW-34I Filter	Dissolved	Water	6020A	270224
640-42734-48	MW-30S	Total Recoverable	Water	6020A	270224
640-42734-49	MW-40S	Total Recoverable	Water	6020A	270224
640-42734-50	MW-48S	Total Recoverable	Water	6020A	270224
640-42734-51	DUP-3	Total Recoverable	Water	6020A	270224
640-42734-51	DUP-3	Total Recoverable	Water	6020A	270224
640-42734-52	DUP-5	Total Recoverable	Water	6020A	270224
LCS 680-270201/2-A	Lab Control Sample	Total Recoverable	Water	6020A	270201
LCS 680-270224/2-A	Lab Control Sample	Total Recoverable	Water	6020A	270224
MB 680-270201/1-A	Method Blank	Total Recoverable	Water	6020A	270201
MB 680-270224/1-A	Method Blank	Total Recoverable	Water	6020A	270224

Analysis Batch: 270734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-42734-5	MW-6S-R	Total Recoverable	Water	6020A	270008
640-42734-25	MW-12S	Total Recoverable	Water	6020A	270220
640-42734-26	DUP-6	Total Recoverable	Water	6020A	270220
640-42734-35	MW-34S	Total Recoverable	Water	6020A	270220

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-1

Client Sample ID: MW-8I — Lab Sample ID: 640-42734-1

Date Collected: 03/12/13 12:00 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270008	03/20/13 13:40	BB	TAL SAV
Total Recoverable	Analysis	6020A		1	270415	03/21/13 20:05	CE	TAL SAV

Client Sample ID: MW-2S — Lab Sample ID: 640-42734-2

Date Collected: 03/12/13 12:38 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270008	03/20/13 13:40	BB	TAL SAV
Total Recoverable	Analysis	6020A		1	270415	03/21/13 20:12	CE	TAL SAV

Client Sample ID: MW-2I — Lab Sample ID: 640-42734-3

Date Collected: 03/12/13 13:00 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270008	03/20/13 13:40	BB	TAL SAV
Total Recoverable	Analysis	6020A		1	270415	03/21/13 20:19	CE	TAL SAV

Client Sample ID: MW-7S-R — Lab Sample ID: 640-42734-4

Date Collected: 03/12/13 13:20 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270008	03/20/13 13:40	BB	TAL SAV
Total Recoverable	Analysis	6020A		1	270415	03/21/13 20:27	CE	TAL SAV

Client Sample ID: MW-6S-R — Lab Sample ID: 640-42734-5

Date Collected: 03/12/13 13:45 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270008	03/20/13 13:40	BB	TAL SAV
Total Recoverable	Analysis	6020A		1	270415	03/21/13 20:34	CE	TAL SAV
Total Recoverable	Prep	3005A			270008	03/20/13 13:40	BB	TAL SAV
Total Recoverable	Analysis	6020A		1	270734	03/25/13 19:29	BR	TAL SAV

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-1

Client Sample ID: DUP-1 — Lab Sample ID: 640-42734-6

Date Collected: 03/12/13 00:00 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270008	03/20/13 13:40	BB	TAL SAV
Total Recoverable	Analysis	6020A		1	270415	03/21/13 20:42	CE	TAL SAV

Client Sample ID: MW-7I — Lab Sample ID: 640-42734-7

Date Collected: 03/12/13 16:15 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270008	03/20/13 13:40	BB	TAL SAV
Total Recoverable	Analysis	6020A		1	270415	03/21/13 20:49	CE	TAL SAV

Client Sample ID: MW-1I-R — Lab Sample ID: 640-42734-8

Date Collected: 03/12/13 16:40 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270008	03/20/13 13:40	BB	TAL SAV
Total Recoverable	Analysis	6020A		1	270415	03/21/13 20:56	CE	TAL SAV

Client Sample ID: MW-1S-R Filter — Lab Sample ID: 640-42734-9

Date Collected: 03/12/13 16:57 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			270008	03/20/13 13:40	BB	TAL SAV
Dissolved	Analysis	6020A		1	270415	03/21/13 21:19	CE	TAL SAV

Client Sample ID: MW-1S-R — Lab Sample ID: 640-42734-10

Date Collected: 03/12/13 16:57 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270008	03/20/13 13:40	BB	TAL SAV
Total Recoverable	Analysis	6020A		1	270415	03/21/13 21:26	CE	TAL SAV

Client Sample ID: MW-36S — Lab Sample ID: 640-42734-11

Date Collected: 03/12/13 17:25 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270008	03/20/13 13:40	BB	TAL SAV
Total Recoverable	Analysis	6020A		1	270415	03/21/13 21:34	CE	TAL SAV

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-1

Client Sample ID: MW-9S-R — Lab Sample ID: 640-42734-12

Date Collected: 03/12/13 17:45 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270008	03/20/13 13:40	BB	TAL SAV
Total Recoverable	Analysis	6020A		1	270415	03/21/13 21:41	CE	TAL SAV

Client Sample ID: MW-10I — Lab Sample ID: 640-42734-13

Date Collected: 03/13/13 09:57 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270008	03/20/13 13:40	BB	TAL SAV
Total Recoverable	Analysis	6020A		1	270415	03/21/13 21:48	CE	TAL SAV

Client Sample ID: MW-10S-R — Lab Sample ID: 640-42734-14

Date Collected: 03/13/13 10:15 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270008	03/20/13 13:40	BB	TAL SAV
Total Recoverable	Analysis	6020A		1	270415	03/21/13 21:56	CE	TAL SAV

Client Sample ID: MW-13S-R — Lab Sample ID: 640-42734-15

Date Collected: 03/13/13 10:35 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270008	03/20/13 13:40	BB	TAL SAV
Total Recoverable	Analysis	6020A		1	270415	03/21/13 22:03	CE	TAL SAV

Client Sample ID: MW-27S-R — Lab Sample ID: 640-42734-16

Date Collected: 03/13/13 11:15 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270201	03/21/13 14:22	RAM	TAL SAV
Total Recoverable	Analysis	6020A		1	270565	03/23/13 17:16	BR	TAL SAV

Client Sample ID: MW-37S — Lab Sample ID: 640-42734-17

Date Collected: 03/13/13 11:00 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270201	03/21/13 14:22	RAM	TAL SAV
Total Recoverable	Analysis	6020A		1	270565	03/23/13 17:23	BR	TAL SAV

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-1

Client Sample ID: MW-6I — Lab Sample ID: 640-42734-18

Date Collected: 03/13/13 13:25 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270220	03/21/13 15:24	RAM	TAL SAV
Total Recoverable	Analysis	6020A		1	270420	03/23/13 03:43	BR	TAL SAV

Client Sample ID: MW-39S — Lab Sample ID: 640-42734-19

Date Collected: 03/13/13 13:40 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270220	03/21/13 15:24	RAM	TAL SAV
Total Recoverable	Analysis	6020A		1	270420	03/23/13 04:17	BR	TAL SAV

Client Sample ID: MW-11S — Lab Sample ID: 640-42734-20

Date Collected: 03/13/13 14:05 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270220	03/21/13 15:24	RAM	TAL SAV
Total Recoverable	Analysis	6020A		1	270420	03/23/13 04:23	BR	TAL SAV

Client Sample ID: MW-5S-R — Lab Sample ID: 640-42734-21

Date Collected: 03/13/13 14:23 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270220	03/21/13 15:24	RAM	TAL SAV
Total Recoverable	Analysis	6020A		1	270420	03/23/13 04:44	BR	TAL SAV

Client Sample ID: MW-38S — Lab Sample ID: 640-42734-22

Date Collected: 03/13/13 14:50 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270220	03/21/13 15:24	RAM	TAL SAV
Total Recoverable	Analysis	6020A		1	270420	03/23/13 04:50	BR	TAL SAV

Client Sample ID: MW-13I — Lab Sample ID: 640-42734-23

Date Collected: 03/13/13 16:50 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270220	03/21/13 15:24	RAM	TAL SAV
Total Recoverable	Analysis	6020A		1	270420	03/23/13 04:57	BR	TAL SAV

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-1

Client Sample ID: MW-12I — Lab Sample ID: 640-42734-24

Date Collected: 03/13/13 17:20 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270220	03/21/13 15:24	RAM	TAL SAV
Total Recoverable	Analysis	6020A		1	270420	03/23/13 05:04	BR	TAL SAV

Client Sample ID: MW-12S — Lab Sample ID: 640-42734-25

Date Collected: 03/13/13 17:35 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270220	03/21/13 15:24	RAM	TAL SAV
Total Recoverable	Analysis	6020A		1	270420	03/23/13 05:10	BR	TAL SAV
Total Recoverable	Prep	3005A			270220	03/21/13 15:24	RAM	TAL SAV
Total Recoverable	Analysis	6020A		4	270734	03/25/13 19:49	BR	TAL SAV

Client Sample ID: DUP-6 — Lab Sample ID: 640-42734-26

Date Collected: 03/13/13 00:00 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270220	03/21/13 15:24	RAM	TAL SAV
Total Recoverable	Analysis	6020A		1	270420	03/23/13 05:17	BR	TAL SAV
Total Recoverable	Prep	3005A			270220	03/21/13 15:24	RAM	TAL SAV
Total Recoverable	Analysis	6020A		4	270734	03/25/13 20:02	BR	TAL SAV

Client Sample ID: MW-15S — Lab Sample ID: 640-42734-27

Date Collected: 03/13/13 17:55 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270220	03/21/13 15:24	RAM	TAL SAV
Total Recoverable	Analysis	6020A		1	270420	03/23/13 05:24	BR	TAL SAV

Client Sample ID: MW-35S — Lab Sample ID: 640-42734-28

Date Collected: 03/13/13 18:15 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			269936	03/20/13 10:36	UU	TAL SAV
Total/NA	Analysis	7470A		1	270333	03/21/13 17:39	BCB	TAL SAV
Total Recoverable	Prep	3005A			270220	03/21/13 15:24	RAM	TAL SAV
Total Recoverable	Analysis	6020A		1	270420	03/23/13 05:30	BR	TAL SAV

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-1

Client Sample ID: MW-42S — Lab Sample ID: 640-42734-29

Date Collected: 03/14/13 10:20 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270220	03/21/13 15:24	RAM	TAL SAV
Total Recoverable	Analysis	6020A		1	270420	03/23/13 05:37	BR	TAL SAV

Client Sample ID: FFFW-3-R — Lab Sample ID: 640-42734-30

Date Collected: 03/14/13 11:00 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270220	03/21/13 15:24	RAM	TAL SAV
Total Recoverable	Analysis	6020A		1	270420	03/23/13 05:44	BR	TAL SAV

Client Sample ID: MW-43S — Lab Sample ID: 640-42734-31

Date Collected: 03/14/13 11:22 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270220	03/21/13 15:24	RAM	TAL SAV
Total Recoverable	Analysis	6020A		1	270420	03/23/13 06:04	BR	TAL SAV

Client Sample ID: MW-18S — Lab Sample ID: 640-42734-32

Date Collected: 03/14/13 11:50 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270220	03/21/13 15:24	RAM	TAL SAV
Total Recoverable	Analysis	6020A		1	270420	03/23/13 06:10	BR	TAL SAV

Client Sample ID: MW-4S — Lab Sample ID: 640-42734-33

Date Collected: 03/14/13 13:35 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270220	03/21/13 15:24	RAM	TAL SAV
Total Recoverable	Analysis	6020A		1	270420	03/23/13 06:17	BR	TAL SAV

Client Sample ID: MW-34I — Lab Sample ID: 640-42734-34

Date Collected: 03/14/13 15:38 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270220	03/21/13 15:24	RAM	TAL SAV
Total Recoverable	Analysis	6020A		1	270420	03/23/13 06:24	BR	TAL SAV

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-1

Client Sample ID: MW-34S — Lab Sample ID: 640-42734-35

Date Collected: 03/14/13 15:50 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270220	03/21/13 15:24	RAM	TAL SAV
Total Recoverable	Analysis	6020A		1	270420	03/23/13 06:30	BR	TAL SAV
Total Recoverable	Prep	3005A			270220	03/21/13 15:24	RAM	TAL SAV
Total Recoverable	Analysis	6020A		2	270734	03/25/13 20:09	BR	TAL SAV

Client Sample ID: MW-26S — Lab Sample ID: 640-42734-36

Date Collected: 03/14/13 16:06 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270220	03/21/13 15:24	RAM	TAL SAV
Total Recoverable	Analysis	6020A		1	270420	03/23/13 06:37	BR	TAL SAV

Client Sample ID: MW-20S — Lab Sample ID: 640-42734-37

Date Collected: 03/14/13 16:35 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270220	03/21/13 15:24	RAM	TAL SAV
Total Recoverable	Analysis	6020A		1	270420	03/23/13 06:44	BR	TAL SAV

Client Sample ID: MW-19S — Lab Sample ID: 640-42734-38

Date Collected: 03/14/13 16:55 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270224	03/21/13 15:46	BB	TAL SAV
Total Recoverable	Analysis	6020A		1	270565	03/23/13 18:29	BR	TAL SAV

Client Sample ID: MW-28S Filter — Lab Sample ID: 640-42734-39

Date Collected: 03/14/13 18:35 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			270224	03/21/13 15:46	BB	TAL SAV
Dissolved	Analysis	6020A		1	270565	03/23/13 19:03	BR	TAL SAV

Client Sample ID: MW-28S — Lab Sample ID: 640-42734-40

Date Collected: 03/14/13 18:35 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270224	03/21/13 15:46	BB	TAL SAV

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-1

Client Sample ID: MW-28S — Lab Sample ID: 640-42734-40

Date Collected: 03/14/13 18:35 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Analysis	6020A		1	270565	03/23/13 19:09	BR	TAL SAV

Client Sample ID: MW-29S — Lab Sample ID: 640-42734-41

Date Collected: 03/14/13 19:00 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			269936	03/20/13 10:36	UU	TAL SAV
Total/NA	Analysis	7470A		1	270333	03/21/13 17:43	BCB	TAL SAV
Total Recoverable	Prep	3005A			270224	03/21/13 15:46	BB	TAL SAV
Total Recoverable	Analysis	6020A		1	270565	03/23/13 19:29	BR	TAL SAV

Client Sample ID: DUP-2 — Lab Sample ID: 640-42734-42

Date Collected: 03/14/13 00:00 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			269936	03/20/13 10:36	UU	TAL SAV
Total/NA	Analysis	7470A		1	270333	03/21/13 17:41	BCB	TAL SAV
Total Recoverable	Prep	3005A			270224	03/21/13 15:46	BB	TAL SAV
Total Recoverable	Analysis	6020A		1	270565	03/23/13 19:36	BR	TAL SAV

Client Sample ID: MW-3I — Lab Sample ID: 640-42734-43

Date Collected: 03/15/13 10:25 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270224	03/21/13 15:46	BB	TAL SAV
Total Recoverable	Analysis	6020A		1	270565	03/23/13 19:42	BR	TAL SAV

Client Sample ID: MW-3S — Lab Sample ID: 640-42734-44

Date Collected: 03/15/13 11:15 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270224	03/21/13 15:46	BB	TAL SAV
Total Recoverable	Analysis	6020A		1	270565	03/23/13 19:49	BR	TAL SAV
Total Recoverable	Prep	3005A			270224	03/21/13 15:46	BB	TAL SAV
Total Recoverable	Analysis	6020A		4	270565	03/23/13 20:02	BR	TAL SAV

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-1

Client Sample ID: MW-7S-R Filter — Lab Sample ID: 640-42734-45

Date Collected: 03/12/13 13:20 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			270224	03/21/13 15:46	BB	TAL SAV
Dissolved	Analysis	6020A		1	270565	03/23/13 20:09	BR	TAL SAV

Client Sample ID: MW-5SR Filter — Lab Sample ID: 640-42734-46

Date Collected: 03/13/13 14:23 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			270224	03/21/13 15:46	BB	TAL SAV
Dissolved	Analysis	6020A		1	270565	03/23/13 20:16	BR	TAL SAV

Client Sample ID: MW-34I Filter — Lab Sample ID: 640-42734-47

Date Collected: 03/14/13 15:38 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			270224	03/21/13 15:46	BB	TAL SAV
Dissolved	Analysis	6020A		1	270565	03/23/13 20:22	BR	TAL SAV

Client Sample ID: MW-30S — Lab Sample ID: 640-42734-48

Date Collected: 03/15/13 12:25 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270224	03/21/13 15:46	BB	TAL SAV
Total Recoverable	Analysis	6020A		1	270565	03/23/13 20:29	BR	TAL SAV

Client Sample ID: MW-40S — Lab Sample ID: 640-42734-49

Date Collected: 03/15/13 12:05 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270224	03/21/13 15:46	BB	TAL SAV
Total Recoverable	Analysis	6020A		1	270565	03/23/13 20:49	BR	TAL SAV

Client Sample ID: MW-48S — Lab Sample ID: 640-42734-50

Date Collected: 03/15/13 12:45 — **Matrix: Water**
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270224	03/21/13 15:46	BB	TAL SAV
Total Recoverable	Analysis	6020A		1	270565	03/23/13 20:56	BR	TAL SAV

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-1

Client Sample ID: DUP-3

Lab Sample ID: 640-42734-51

Date Collected: 03/15/13 00:00
Matrix: Water
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270224	03/21/13 15:46	BB	TAL SAV
Total Recoverable	Analysis	6020A		1	270565	03/23/13 21:02	BR	TAL SAV
Total Recoverable	Prep	3005A			270224	03/21/13 15:46	BB	TAL SAV
Total Recoverable	Analysis	6020A		2	270565	03/23/13 21:09	BR	TAL SAV

Client Sample ID: DUP-5

Lab Sample ID: 640-42734-52

Date Collected: 03/12/13 00:00
Matrix: Water
Date Received: 03/15/13 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			270224	03/21/13 15:46	BB	TAL SAV
Total Recoverable	Analysis	6020A		1	270565	03/23/13 21:22	BR	TAL SAV

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Certification Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-1

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-13
Georgia	State Program	4		06-30-13
Louisiana	NELAP	6	30663	06-30-13
New Jersey	NELAP	2	FL012	06-30-13
Texas	NELAP	6	T104704459-11-2	03-31-14
USDA	Federal		P330-08-00158	08-05-14

Laboratory: TestAmerica Savannah

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	DoD ELAP		399.01	07-31-13
Alabama	State Program	4	41450	06-30-13
Alaska (UST)	State Program	10	UST-104	06-19-13
Arkansas DEQ	State Program	6	88-0692	02-01-13 *
California	NELAP	9	3217CA	07-31-13
Colorado	State Program	8	N/A	12-31-13
Connecticut	State Program	1	PH-0161	03-31-15
Florida	NELAP	4	E87052	06-30-13
GA Dept. of Agriculture	State Program	4	N/A	12-31-13
Georgia	State Program	4	N/A	06-30-13
Georgia	State Program	4	803	06-30-13
Hawaii	State Program	9	N/A	06-30-13
Illinois	NELAP	5	200022	11-30-13
Indiana	State Program	5	N/A	06-30-13
Iowa	State Program	7	353	07-01-13 *
Kentucky	State Program	4	90084	12-31-12 *
Kentucky (UST)	State Program	4	18	03-31-13 *
Louisiana	NELAP	6	30690	06-30-13
Louisiana	NELAP	6	LA100015	12-31-13
Maine	State Program	1	GA00006	08-16-14
Maryland	State Program	3	250	12-31-13
Massachusetts	State Program	1	M-GA006	06-30-13
Michigan	State Program	5	9925	06-30-13
Mississippi	State Program	4	N/A	06-30-13
Montana	State Program	8	CERT0081	01-01-14
Nebraska	State Program	7	TestAmerica-Savannah	06-30-13 *
New Jersey	NELAP	2	GA769	06-30-13
New Mexico	State Program	6	N/A	06-30-13
New York	NELAP	2	10842	04-01-14
North Carolina DENR	State Program	4	269	12-31-13
North Carolina DHHS	State Program	4	13701	07-31-13
Oklahoma	State Program	6	9984	08-31-13
Pennsylvania	NELAP	3	68-00474	06-30-13 *
Puerto Rico	State Program	2	GA00006	01-01-14
South Carolina	State Program	4	98001	06-30-13
Tennessee	State Program	4	TN02961	06-30-13
Texas	NELAP	6	T104704185-08-TX	11-30-13
USDA	Federal		SAV 3-04	04-07-14
Virginia	NELAP	3	460161	06-14-13 *

* Expired certification is currently pending renewal and is considered valid.

Laboratory: TestAmerica Savannah (Continued)

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Washington	State Program	10	C1794	06-10-13 *
West Virginia	State Program	3	9950C	12-31-13
West Virginia DEP	State Program	3	94	06-30-13
Wisconsin	State Program	5	999819810	08-31-13
Wyoming	State Program	8	8TMS-Q	06-30-13

* Expired certification is currently pending renewal and is considered valid.

Method Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-1

Method	Method Description	Protocol	Laboratory
6020A	Metals (ICP/MS)	SW846	TAL SAV
7470A	Mercury (CVAA)	SW846	TAL SAV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Sample Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-42734-1	MW-8I	Water	03/12/13 12:00	03/15/13 16:33
640-42734-2	MW-2S	Water	03/12/13 12:38	03/15/13 16:33
640-42734-3	MW-2I	Water	03/12/13 13:00	03/15/13 16:33
640-42734-4	MW-7S-R	Water	03/12/13 13:20	03/15/13 16:33
640-42734-5	MW-6S-R	Water	03/12/13 13:45	03/15/13 16:33
640-42734-6	DUP-1	Water	03/12/13 00:00	03/15/13 16:33
640-42734-7	MW-7I	Water	03/12/13 16:15	03/15/13 16:33
640-42734-8	MW-1I-R	Water	03/12/13 16:40	03/15/13 16:33
640-42734-9	MW-1S-R Filter	Water	03/12/13 16:57	03/15/13 16:33
640-42734-10	MW-1S-R	Water	03/12/13 16:57	03/15/13 16:33
640-42734-11	MW-36S	Water	03/12/13 17:25	03/15/13 16:33
640-42734-12	MW-9S-R	Water	03/12/13 17:45	03/15/13 16:33
640-42734-13	MW-10I	Water	03/13/13 09:57	03/15/13 16:33
640-42734-14	MW-10S-R	Water	03/13/13 10:15	03/15/13 16:33
640-42734-15	MW-13S-R	Water	03/13/13 10:35	03/15/13 16:33
640-42734-16	MW-27S-R	Water	03/13/13 11:15	03/15/13 16:33
640-42734-17	MW-37S	Water	03/13/13 11:00	03/15/13 16:33
640-42734-18	MW-6I	Water	03/13/13 13:25	03/15/13 16:33
640-42734-19	MW-39S	Water	03/13/13 13:40	03/15/13 16:33
640-42734-20	MW-11S	Water	03/13/13 14:05	03/15/13 16:33
640-42734-21	MW-5S-R	Water	03/13/13 14:23	03/15/13 16:33
640-42734-22	MW-38S	Water	03/13/13 14:50	03/15/13 16:33
640-42734-23	MW-13I	Water	03/13/13 16:50	03/15/13 16:33
640-42734-24	MW-12I	Water	03/13/13 17:20	03/15/13 16:33
640-42734-25	MW-12S	Water	03/13/13 17:35	03/15/13 16:33
640-42734-26	DUP-6	Water	03/13/13 00:00	03/15/13 16:33
640-42734-27	MW-15S	Water	03/13/13 17:55	03/15/13 16:33
640-42734-28	MW-35S	Water	03/13/13 18:15	03/15/13 16:33
640-42734-29	MW-42S	Water	03/14/13 10:20	03/15/13 16:33
640-42734-30	FFFW-3-R	Water	03/14/13 11:00	03/15/13 16:33
640-42734-31	MW-43S	Water	03/14/13 11:22	03/15/13 16:33
640-42734-32	MW-18S	Water	03/14/13 11:50	03/15/13 16:33
640-42734-33	MW-4S	Water	03/14/13 13:35	03/15/13 16:33
640-42734-34	MW-34I	Water	03/14/13 15:38	03/15/13 16:33
640-42734-35	MW-34S	Water	03/14/13 15:50	03/15/13 16:33
640-42734-36	MW-26S	Water	03/14/13 16:06	03/15/13 16:33
640-42734-37	MW-20S	Water	03/14/13 16:35	03/15/13 16:33
640-42734-38	MW-19S	Water	03/14/13 16:55	03/15/13 16:33
640-42734-39	MW-28S Filter	Water	03/14/13 18:35	03/15/13 16:33
640-42734-40	MW-28S	Water	03/14/13 18:35	03/15/13 16:33
640-42734-41	MW-29S	Water	03/14/13 19:00	03/15/13 16:33
640-42734-42	DUP-2	Water	03/14/13 00:00	03/15/13 16:33
640-42734-43	MW-3I	Water	03/15/13 10:25	03/15/13 16:33
640-42734-44	MW-3S	Water	03/15/13 11:15	03/15/13 16:33
640-42734-45	MW-7S-R Filter	Water	03/12/13 13:20	03/15/13 16:33
640-42734-46	MW-5SR Filter	Water	03/13/13 14:23	03/15/13 16:33
640-42734-47	MW-34I Filter	Water	03/14/13 15:38	03/15/13 16:33
640-42734-48	MW-30S	Water	03/15/13 12:25	03/15/13 16:33
640-42734-49	MW-40S	Water	03/15/13 12:05	03/15/13 16:33
640-42734-50	MW-48S	Water	03/15/13 12:45	03/15/13 16:33
640-42734-51	DUP-3	Water	03/15/13 00:00	03/15/13 16:33
640-42734-52	DUP-5	Water	03/12/13 00:00	03/15/13 16:33

TestAmerica Tallahassee
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Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

6/12/2013 (1)

Client Information

Client Contact: Mr. John Carey
Company: URS Corporation
Address: 1625 Summit Lake Drive Suite 200
City: Tallahassee
State, Zip: FL, 32317
Phone: 850-528-1937(Tel) 850-402-6490(Fax)
Email: john_carey@urscorp.com
Project Name: PCS FFF Moultrie
Site: FFF Moultrie Georgia

Sampler: Amelia Bryant + Brittany Crane
Phone: 850.228.6846

Due Date Requested:
TAT Requested (days):
PO #: 267418.US
WO #: 12806184.00000 Vendor No. 1427536
Project #: 64005633
SSOW#:

Lab PM: Preston, Tim
E-Mail: timothyr.preston@testamericainc.com

Carrier Tracking No(s):

COC No: 640-37598-10292.2
Page: Page 2 of 9
Job #: 640-4273A

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A -	6020A - Dissolved	~~6020~~ 7470 / 6020A	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	ND		
✓ MW-8I	3/12/13	1200	G	W			1				
✓ MW-2S	3/12/13	1238	G	W			1				
✓ MW-2I	3/12/13	1300	G	W			1				
✓ MW-7S-R	3/12/13	1320	G	W			1				
✓ MW-6S-R		1345	G	W			1				
✓ DUP-1			G	W			1				
✓ MW-7I		1615	G	W			1				
✓ MW-1I-R		1640	G	W			1				
✓ MW-1S-R Filter		1657	G	W	X	X	1				
✓ MW-1S-R		1657	G	W			1				
✓ MW-3US		1725	G	W			1				

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by: Date: 3/7/13 Time: 0900 Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Amelia Bryant	3/15/2013 1633	URS	[illegible]	3/15/13 1633	
	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: ~~4.3~~ 3.9

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

6/12/2013 (2)

Client Information				
Client Contact: Mr. John Carey	Sampler: Amelia Bryant for Bartlany Crome	Lab PM: Preston, Tim	Carrier Tracking No(s):	COC No: 640-37598-10292.1
Company: URS Corporation	Phone: 850.228.6846	E-Mail: timothyr.preston@testamericainc.com		Page: Page 1 of 9
Address: 1625 Summit Lake Drive Suite 200	Due Date Requested:			Job #: 640-4273A
City: Tallahassee	TAT Requested (days):			
State, Zip: FL, 32317				
Phone: 850-528-1937(Tel) 850-402-6490(Fax)	PO #: 267418.US			
Email: john_carey@urscorp.com	WO #: 12806184.00000 Vendor No. 1427536			
Project Name: PCS FFF Moultrie	Project #: 64005633			
Site: FFF Moultrie, Georgia	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A -	6020A - Dissolved	~~6010~~ 7470/6020A	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	ND		
✓ MW-9S-R	3/12/13	1745	G	W			1				
✓ MW-10I	3/13/13	0957	G	W			1				
✓ MW-10S-R	3/13/13	1015	G	W			1				
✓ MW-13S-R	3/13/13	1035	G	W			1				
✓ ~~MW-13~~ MW-27S-R	3/13/13	1115	G	W			1				
✓ MW-37S	3/13/13	1100	G	W			1				
✓ MW-6I	3/13/13	1325	G	W			1				
✓ MW-39S	3/13/13	1340	G	W			1				
✓ MW-11S	3/13/13	1405	G	W			1				
✓ MW-5S-R	3/13/13	1423	G	W			1				
✓ MW-38S	3/13/13	1450	G	W			1				

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: Date: 3/7/13 Time: 0900 Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Amelia Bryant	3/15/2013 1633	URS	[illegible]	3/15/13 1633	

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 3.3

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Chain of Custody Record

TestAmerica (3)
THE LEADER IN ENVIRONMENTAL TESTING

6/12/2013

Client Information

Client Contact: Mr. John Carey
Company: URS Corporation
Address: 1625 Summit Lake Drive Suite 200
City: Tallahassee
State, Zip: FL, 32317
Phone: 850-528-1937(Tel) 850-402-6490(Fax)
Email: john_carey@urscorp.com
Project Name: PCS FFF Moultrie
Site: FFF Moultrie, Georgia

Sample: Amelia Bryant & Bottany Comer
Phone: 850.228.6846

Due Date Requested:
TAT Requested (days):
PO #: 267418.US
WO #: 12806184.00000 Vendor No. 1427536
Project #: 64005633
SSOW#:

Lab PM: Preston, Tim
E-Mail: timothyr.preston@testamericainc.com

Carrier Tracking No(s):

COC No: 640-37598-10292.3
Page: Page 3 of 9
Job #: 640-42734

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A -	6020A - Dissolved	~~6020~~ TO 6020A										Total Number of containers
			Preservation Code:				D	D	N										
MW-13T	3/13/13	1650	G	W			1												
MW-12I	3/13/13	1720	G	W			1												
MW-12S	3/13/13	1735	G	W			1												
DUP-6	3/13/13		G	W			1												
MW-15S	3/13/13	1755	G	W			1												
MW-35S	3/13/13	1815	G	W					1										
MW-42S	3/14/13	1020	G	W			1												
FFFW-3-R	3/14/13	1100	G	W			1												
MW-43S	3/14/13	1122	G	W			1												
MW-18S	3/14/13	1150	G	W			1												
MW-4S	3/14/13	1335	G	W			1												

Preservation Codes:

A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
J - DI Water
K - EDTA
L - EDA
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2SO3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - ph 4-5
Z - other (specify)

Other:

Special Instructions/Note:

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: Date: 3/7/13 Time: 0900 Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Amelia Bryant	3/15/2013 1633	URS	E. Dp	3/15/13 1633	

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 3.8

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Tallahassee, FL 32301
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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

(4)

6/12/2013

Client Information				
Client Contact: Mr. John Carey	Sampler: Amelia Bryant + Britton Crump	Lab PM: Preston, Tim	Carrier Tracking No(s):	COC No: 640-37598-10292.4
Company: URS Corporation	Phone: 850. 228.6846	E-Mail: timothyr.preston@testamericainc.com		Page: Page 4 of 9
Address: 1625 Summit Lake Drive Suite 200	Due Date Requested:			Job #: 640-42734
City: Tallahassee	TAT Requested (days):			
State, Zip: FL, 32317				
Phone: 850-528-1937(Tel) 850-402-6490(Fax)	PO #: 267418.US			
Email: john_carey@urscorp.com	WO #: 12806184.00000 Vendor No. 1427536			
Project Name: PCS FFF Moultrie	Project #: 64005633			
Site: FFF Moultrie, Georgia	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A - D	6020A - Dissolved D	~~6020~~ 7470 / 6020A ND	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW-34I	3/14/13	1538	G	W			1				
MW-34S	3/14/13	1550	G	W			1				
MW-26S	3/14/13	~~1610~~ 1600	G	W			1				
MW-20S	3/14/13	1635	G	W			1				
MW-19S	3/14/13	1655	G	W			1				
MW-28S Filter	3/14/13	1835	G	W	X			1			
MW-28S	3/14/13	1835	G	W			1				
MW-29S	3/14/13	1900	G	W			~~1~~		1		
DUP-2	3/14/13		G	W			~~1~~		1		
MW-3I	3/15/13	1025	G	W			1				
MW-3S	3/15/13	1115	G	W			1				

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: Date: 3/7/13 Time: 0900 Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Amelia Bryant	3/15/2013 1633	URS	[illegible]	3/15/13 1633	

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 3.8

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Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

TestAmerica

5

6/12/2013

Client Information				
Client Contact: Mr. John Carey	Sampler: Amelia Bryant / Brittany Crome	Lab PM: Preston, Tim	Carrier Tracking No(s):	COC No: 640-37598-10292.5
Company: URS Corporation	Phone: 850.228.6846	E-Mail: timothyr.preston@testamericainc.com		Page: Page 5 of 9
Address: 1625 Summit Lake Drive Suite 200	Due Date Requested:			Job #: 640-42734
City: Tallahassee	TAT Requested (days):			
State, Zip: FL, 32317				
Phone: 850-528-1937(Tel) 850-402-6490(Fax)	PO #: 267418.US			
Email: john_carey@urscorp.com	WO #: 12806184.00000 Vendor No. 1427536			
Project Name: PCS FFF Moultrie	Project #: 64005633			
Site: FFF Moultrie Georgia	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A -	6020A - Dissolved	~~6020~~ 7470/6020	6020 - Arsenic	6020 - Lead	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N				
MW-7S-R filter	3/12/13	1320	G	W	X	X		1					
MW-5SR filter	3/13/13	1423	G	W	X			1					
MW-34I filter	3/14/13	1538	G	W	X			1					
MW-30S	3/15/13	1225	G	W			1						
MW-40S	3/15/13	1205	G	W			1						
MW-48S	3/15/13	1245	G	W			1						
~~MW~~ DUP-3	3/15/13		G	W			1						
DUP-5	3/12/13		G	W			1						
SS-21	3/15/13	1047	G	S						1			
SS-17	↓	1038	G	S						1			
G-3+30 @ 5 feet	↓	0940	G	S							1		

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date: 3/7/13	Time: 0900	Method of Shipment:			
Relinquished by: Amelia Bryant	Date/Time: 3/15/13 1633	Company: URS	Received by:	Date/Time: 3/15/13 1633	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 3.8			

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Tel: (850)878-3994

TestAmerica Job ID: 640-42817-1
Client Project/Site: PCS FFF Moultrie

For:
URS Corporation
1625 Summit Lake Drive
Suite 200
Tallahassee, Florida 32317

Attn: Mr. John Carey

Authorized for release by:
4/1/2013 4:00:17 PM

Tim Preston
Project Manager II
timothyr.preston@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42817-1

Qualifiers

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42817-1

Job ID: 640-42817-1

Laboratory: TestAmerica Tallahassee

Narrative

Job Narrative
640-42817-1

Comments
No additional comments.

Receipt
The samples were received on 3/21/2013 1:25 PM; the samples arrived in good condition, properly preserved and, where required, on ice.

Metals
No analytical or quality issues were noted.

Client Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42817-1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Client Sample ID: MW-49S — **Lab Sample ID: 640-42817-2**
Date Collected: 03/20/13 10:40 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.0	J	2.5	1.3	ug/L		03/25/13 11:17	03/27/13 01:33	1
Barium	61		5.0	1.3	ug/L		03/25/13 11:17	03/27/13 01:33	1
Beryllium	0.48	J	0.50	0.25	ug/L		03/25/13 11:17	03/27/13 01:33	1
Cadmium	0.095	U	0.50	0.095	ug/L		03/25/13 11:17	03/27/13 01:33	1
Copper	7.7		5.0	1.1	ug/L		03/25/13 11:17	03/27/13 01:33	1
Lead	5.7		1.5	0.20	ug/L		03/25/13 11:17	03/27/13 01:33	1
Nickel	7.1		5.0	2.0	ug/L		03/25/13 11:17	03/27/13 01:33	1
Selenium	1.0	U	2.5	1.0	ug/L		03/25/13 11:17	03/27/13 01:33	1
Zinc	38		20	8.3	ug/L		03/25/13 11:17	03/27/13 01:33	1
Thallium	0.50	U	1.0	0.50	ug/L		03/25/13 11:17	03/27/13 01:33	1

Client Sample ID: FFFW-4-R — **Lab Sample ID: 640-42817-4**
Date Collected: 03/20/13 11:50 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.0		2.5	1.3	ug/L		03/25/13 11:17	03/27/13 02:03	1
Beryllium	1.5		0.50	0.25	ug/L		03/25/13 11:17	03/27/13 02:03	1
Lead	6.9		1.5	0.20	ug/L		03/25/13 11:17	03/27/13 02:03	1
Nickel	13		5.0	2.0	ug/L		03/25/13 11:17	03/27/13 02:03	1

Client Sample ID: MW-45S — **Lab Sample ID: 640-42817-5**
Date Collected: 03/20/13 12:10 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	19		2.5	1.3	ug/L		03/25/13 11:17	03/27/13 02:10	1
Lead	1.0	J	1.5	0.20	ug/L		03/25/13 11:17	03/27/13 02:10	1
Nickel	11		5.0	2.0	ug/L		03/25/13 11:17	03/27/13 02:10	1

Client Sample ID: MW-TP3S — **Lab Sample ID: 640-42817-6**
Date Collected: 03/20/13 15:08 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/25/13 11:17	03/27/13 02:18	1
Lead	1.2	J	1.5	0.20	ug/L		03/25/13 11:17	03/27/13 02:18	1
Nickel	4.1	J	5.0	2.0	ug/L		03/25/13 11:17	03/27/13 02:18	1

Client Sample ID: MW-25S — **Lab Sample ID: 640-42817-7**
Date Collected: 03/20/13 15:27 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/25/13 11:17	03/27/13 02:25	1
Lead	1.7		1.5	0.20	ug/L		03/25/13 11:17	03/27/13 02:25	1
Nickel	12		5.0	2.0	ug/L		03/25/13 11:17	03/27/13 02:25	1

Client Sample ID: MW-33S — **Lab Sample ID: 640-42817-8**
Date Collected: 03/20/13 15:45 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/25/13 11:17	03/27/13 02:33	1
Lead	1.2	J	1.5	0.20	ug/L		03/25/13 11:17	03/27/13 02:33	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable (Continued)

Client Sample ID: MW-33S — **Lab Sample ID: 640-42817-8**
Date Collected: 03/20/13 15:45 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	3.2	J	5.0	2.0	ug/L		03/25/13 11:17	03/27/13 02:33	1
Zinc	59		20	8.3	ug/L		03/25/13 11:17	03/27/13 02:33	1

Client Sample ID: MW-TP2S — **Lab Sample ID: 640-42817-9**
Date Collected: 03/20/13 16:05 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.3	J	2.5	1.3	ug/L		03/25/13 11:17	03/27/13 02:40	1
Lead	2.9		1.5	0.20	ug/L		03/25/13 11:17	03/27/13 02:40	1
Nickel	5.8		5.0	2.0	ug/L		03/25/13 11:17	03/27/13 02:40	1

Client Sample ID: FFFW-1-R — **Lab Sample ID: 640-42817-12**
Date Collected: 03/19/13 12:10 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.8		2.5	1.3	ug/L		03/27/13 11:38	03/27/13 18:48	1
Lead	0.25	J	1.5	0.20	ug/L		03/27/13 11:38	03/27/13 18:48	1
Nickel	2.0	U	5.0	2.0	ug/L		03/27/13 11:38	03/27/13 18:48	1

Client Sample ID: FFFW-2I — **Lab Sample ID: 640-42817-13**
Date Collected: 03/19/13 14:00 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/27/13 11:38	03/27/13 19:10	1
Lead	0.20	U	1.5	0.20	ug/L		03/27/13 11:38	03/27/13 19:10	1
Nickel	6.1		5.0	2.0	ug/L		03/27/13 11:38	03/27/13 19:10	1

Client Sample ID: FFFW-2-R — **Lab Sample ID: 640-42817-14**
Date Collected: 03/19/13 14:20 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	37		2.5	1.3	ug/L		03/27/13 11:38	03/27/13 19:18	1
Barium	4400		5.0	1.3	ug/L		03/27/13 11:38	03/27/13 19:18	1
Beryllium	60		0.50	0.25	ug/L		03/27/13 11:38	03/27/13 19:18	1
Cadmium	4.3		0.50	0.095	ug/L		03/27/13 11:38	03/27/13 19:18	1
Lead	450		1.5	0.20	ug/L		03/27/13 11:38	03/27/13 19:18	1
Nickel	130		5.0	2.0	ug/L		03/27/13 11:38	03/27/13 19:18	1
Zinc	280		20	8.3	ug/L		03/27/13 11:38	03/27/13 19:18	1
Thallium	1.7		1.0	0.50	ug/L		03/27/13 11:38	03/27/13 19:18	1

Client Sample ID: MW-TP4S — **Lab Sample ID: 640-42817-15**
Date Collected: 03/19/13 14:50 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/27/13 11:38	03/27/13 19:25	1
Barium	190		5.0	1.3	ug/L		03/27/13 11:38	03/27/13 19:25	1
Beryllium	0.70		0.50	0.25	ug/L		03/27/13 11:38	03/27/13 19:25	1
Lead	3.7		1.5	0.20	ug/L		03/27/13 11:38	03/27/13 19:25	1
Nickel	4.0	J	5.0	2.0	ug/L		03/27/13 11:38	03/27/13 19:25	1

Client Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42817-1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Client Sample ID: MW-24S — **Lab Sample ID: 640-42817-16**
Date Collected: 03/19/13 15:05 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/27/13 11:38	03/27/13 19:32	1
Lead	**2.6**		1.5	0.20	ug/L		03/27/13 11:38	03/27/13 19:32	1
Nickel	**4.6**	**J**	5.0	2.0	ug/L		03/27/13 11:38	03/27/13 19:32	1

Client Sample ID: MW-23S — **Lab Sample ID: 640-42817-17**
Date Collected: 03/19/13 15:40 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/27/13 11:38	03/27/13 19:40	1
Barium	**300**		5.0	1.3	ug/L		03/27/13 11:38	03/27/13 19:40	1
Beryllium	**1.6**		0.50	0.25	ug/L		03/27/13 11:38	03/27/13 19:40	1
Cadmium	**0.13**	**J**	0.50	0.095	ug/L		03/27/13 11:38	03/27/13 19:40	1
Lead	**3.0**		1.5	0.20	ug/L		03/27/13 11:38	03/27/13 19:40	1
Nickel	**6.1**		5.0	2.0	ug/L		03/27/13 11:38	03/27/13 19:40	1
Zinc	**37**		20	8.3	ug/L		03/27/13 11:38	03/27/13 19:40	1
Thallium	0.50	U	1.0	0.50	ug/L		03/27/13 11:38	03/27/13 19:40	1

Client Sample ID: MW-TP1I — **Lab Sample ID: 640-42817-18**
Date Collected: 03/19/13 17:27 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/27/13 11:38	03/27/13 19:47	1
Lead	0.20	U	1.5	0.20	ug/L		03/27/13 11:38	03/27/13 19:47	1
Nickel	2.0	U	5.0	2.0	ug/L		03/27/13 11:38	03/27/13 19:47	1

Client Sample ID: MW-TP1S — **Lab Sample ID: 640-42817-19**
Date Collected: 03/19/13 17:45 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/27/13 11:38	03/27/13 19:55	1
Lead	**6.1**		1.5	0.20	ug/L		03/27/13 11:38	03/27/13 19:55	1
Nickel	**14**		5.0	2.0	ug/L		03/27/13 11:38	03/27/13 19:55	1

Client Sample ID: MW-47S — **Lab Sample ID: 640-42817-20**
Date Collected: 03/19/13 18:30 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/27/13 11:38	03/27/13 20:02	1
Barium	**47**		5.0	1.3	ug/L		03/27/13 11:38	03/27/13 20:02	1
Beryllium	**0.32**	**J**	0.50	0.25	ug/L		03/27/13 11:38	03/27/13 20:02	1
Cadmium	0.095	U	0.50	0.095	ug/L		03/27/13 11:38	03/27/13 20:02	1
Lead	**0.21**	**J**	1.5	0.20	ug/L		03/27/13 11:38	03/27/13 20:02	1
Nickel	2.0	U	5.0	2.0	ug/L		03/27/13 11:38	03/27/13 20:02	1
Zinc	**9.5**	**J**	20	8.3	ug/L		03/27/13 11:38	03/27/13 20:02	1
Thallium	0.50	U	1.0	0.50	ug/L		03/27/13 11:38	03/27/13 20:02	1

Client Sample ID: MW-46S — **Lab Sample ID: 640-42817-21**
Date Collected: 03/20/13 09:18 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.4**	**J**	2.5	1.3	ug/L		03/27/13 11:38	03/27/13 20:09	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable (Continued)

Client Sample ID: MW-46S — **Lab Sample ID: 640-42817-21**
Date Collected: 03/20/13 09:18 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.45	J	0.50	0.095	ug/L		03/27/13 11:38	03/27/13 20:09	1
Lead	4.6		1.5	0.20	ug/L		03/27/13 11:38	03/27/13 20:09	1
Nickel	13		5.0	2.0	ug/L		03/27/13 11:38	03/27/13 20:09	1
Zinc	66		20	8.3	ug/L		03/27/13 11:38	03/27/13 20:09	1

Client Sample ID: MW-31S — **Lab Sample ID: 640-42817-22**
Date Collected: 03/20/13 10:00 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/27/13 11:38	03/27/13 20:17	1
Barium	73		5.0	1.3	ug/L		03/27/13 11:38	03/27/13 20:17	1
Beryllium	0.29	J	0.50	0.25	ug/L		03/27/13 11:38	03/27/13 20:17	1
Lead	1.3	J	1.5	0.20	ug/L		03/27/13 11:38	03/27/13 20:17	1
Nickel	2.0	U	5.0	2.0	ug/L		03/27/13 11:38	03/27/13 20:17	1

Client Sample ID: MW-32S-R — **Lab Sample ID: 640-42817-23**
Date Collected: 03/18/13 17:52 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	14		2.5	1.3	ug/L		03/27/13 11:38	03/27/13 20:39	1
Lead	0.20	U	1.5	0.20	ug/L		03/27/13 11:38	03/27/13 20:39	1
Nickel	18		5.0	2.0	ug/L		03/27/13 11:38	03/27/13 20:39	1

Client Sample ID: MW-41S — **Lab Sample ID: 640-42817-24**
Date Collected: 03/18/13 18:10 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	14		2.5	1.3	ug/L		03/27/13 11:38	03/27/13 20:46	1
Beryllium	4.3		0.50	0.25	ug/L		03/27/13 11:38	03/27/13 20:46	1
Cadmium	2.8		0.50	0.095	ug/L		03/27/13 11:38	03/27/13 20:46	1
Lead	34		1.5	0.20	ug/L		03/27/13 11:38	03/27/13 20:46	1
Nickel	36		5.0	2.0	ug/L		03/27/13 11:38	03/27/13 20:46	1
Thallium	1.2		1.0	0.50	ug/L		03/27/13 11:38	03/27/13 20:46	1

Client Sample ID: MW-21S — **Lab Sample ID: 640-42817-25**
Date Collected: 03/18/13 18:30 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.8	J	2.5	1.3	ug/L		03/27/13 11:38	03/27/13 20:54	1
Beryllium	0.85		0.50	0.25	ug/L		03/27/13 11:38	03/27/13 20:54	1
Cadmium	1.3		0.50	0.095	ug/L		03/27/13 11:38	03/27/13 20:54	1
Lead	0.22	J	1.5	0.20	ug/L		03/27/13 11:38	03/27/13 20:54	1
Nickel	28		5.0	2.0	ug/L		03/27/13 11:38	03/27/13 20:54	1

Client Sample ID: MW-32I — **Lab Sample ID: 640-42817-26**
Date Collected: 03/18/13 18:55 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	55		2.5	1.3	ug/L		03/27/13 11:38	03/27/13 21:01	1
Barium	520		5.0	1.3	ug/L		03/27/13 11:38	03/27/13 21:01	1
Beryllium	16		0.50	0.25	ug/L		03/27/13 11:38	03/27/13 21:01	1

Client Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42817-1

Method: 6020A - Metals (ICP/MS) - Total Recoverable (Continued)

Client Sample ID: MW-32I — **Lab Sample ID: 640-42817-26**
Date Collected: 03/18/13 18:55 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.6		0.50	0.095	ug/L		03/27/13 11:38	03/27/13 21:01	1
Lead	96		1.5	0.20	ug/L		03/27/13 11:38	03/27/13 21:01	1
Nickel	110		5.0	2.0	ug/L		03/27/13 11:38	03/27/13 21:01	1
Thallium	1.1		1.0	0.50	ug/L		03/27/13 11:38	03/27/13 21:01	1

Client Sample ID: DUP-7 — **Lab Sample ID: 640-42817-27**
Date Collected: 03/18/13 00:00 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	64		2.5	1.3	ug/L		03/27/13 11:38	03/28/13 11:36	1
Barium	600		5.0	1.3	ug/L		03/27/13 11:38	03/28/13 11:36	1
Beryllium	20		0.50	0.25	ug/L		03/27/13 11:38	03/28/13 11:36	1
Cadmium	6.4		0.50	0.095	ug/L		03/27/13 11:38	03/28/13 11:36	1
Lead	110		1.5	0.20	ug/L		03/27/13 11:38	03/28/13 11:36	1
Nickel	130		5.0	2.0	ug/L		03/27/13 11:38	03/28/13 11:36	1
Thallium	1.3		1.0	0.50	ug/L		03/27/13 11:38	03/28/13 11:36	1

Client Sample ID: MW-TP5I — **Lab Sample ID: 640-42817-28**
Date Collected: 03/19/13 09:20 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/27/13 11:38	03/28/13 11:43	1
Lead	2.2		1.5	0.20	ug/L		03/27/13 11:38	03/28/13 11:43	1
Nickel	3.5	J	5.0	2.0	ug/L		03/27/13 11:38	03/28/13 11:43	1
Zinc	8.3	U	20	8.3	ug/L		03/27/13 11:38	03/28/13 11:43	1

Client Sample ID: MW-TP5S — **Lab Sample ID: 640-42817-29**
Date Collected: 03/19/13 10:38 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	140		2.5	1.3	ug/L		03/27/13 11:38	03/28/13 11:51	1
Barium	47000		50	13	ug/L		03/27/13 11:38	03/29/13 11:57	10
Beryllium	340		0.50	0.25	ug/L		03/27/13 11:38	03/28/13 11:51	1
Cadmium	17		0.50	0.095	ug/L		03/27/13 11:38	03/28/13 11:51	1
Lead	1600		1.5	0.20	ug/L		03/27/13 11:38	03/28/13 11:51	1
Nickel	700		5.0	2.0	ug/L		03/27/13 11:38	03/28/13 11:51	1
Selenium	8.1		2.5	1.0	ug/L		03/27/13 11:38	03/28/13 11:51	1
Zinc	1800		20	8.3	ug/L		03/27/13 11:38	03/28/13 11:51	1
Thallium	3.9		1.0	0.50	ug/L		03/27/13 11:38	03/28/13 11:51	1

Client Sample ID: MW-44S — **Lab Sample ID: 640-42817-30**
Date Collected: 03/19/13 11:18 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/27/13 13:33	03/29/13 02:16	1
Cadmium	0.095	U	0.50	0.095	ug/L		03/27/13 13:33	03/29/13 02:16	1
Lead	0.20	U	1.5	0.20	ug/L		03/27/13 13:33	03/29/13 02:16	1
Nickel	6.7		5.0	2.0	ug/L		03/27/13 13:33	03/29/13 02:16	1

Client Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42817-1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Client Sample ID: MW-22S — **Lab Sample ID: 640-42817-31**
Date Collected: 03/19/13 11:45 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/27/13 13:33	03/29/13 02:49	1
Lead	0.20	U	1.5	0.20	ug/L		03/27/13 13:33	03/29/13 02:49	1
Nickel	**4.0**	**J**	5.0	2.0	ug/L		03/27/13 13:33	03/29/13 02:49	1

Client Sample ID: DUP-4 — **Lab Sample ID: 640-42817-32**
Date Collected: 03/19/13 00:00 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**150**		2.5	1.3	ug/L		03/27/13 13:33	03/29/13 02:56	1
Barium	**42000**		50	13	ug/L		03/27/13 13:33	03/29/13 11:43	10
Beryllium	**320**		0.50	0.25	ug/L		03/27/13 13:33	03/29/13 02:56	1
Cadmium	**17**		0.50	0.095	ug/L		03/27/13 13:33	03/29/13 02:56	1
Lead	**2400**		6.0	0.80	ug/L		03/27/13 13:33	03/29/13 11:50	4
Nickel	**690**		5.0	2.0	ug/L		03/27/13 13:33	03/29/13 02:56	1
Selenium	**34**		2.5	1.0	ug/L		03/27/13 13:33	03/29/13 02:56	1
Zinc	**1900**		20	8.3	ug/L		03/27/13 13:33	03/29/13 02:56	1
Thallium	**4.2**		1.0	0.50	ug/L		03/27/13 13:33	03/29/13 02:56	1

Client Sample ID: EQ-1 — **Lab Sample ID: 640-42817-34**
Date Collected: 03/21/13 07:30 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/27/13 13:33	03/29/13 03:23	1
Barium	1.3	U	5.0	1.3	ug/L		03/27/13 13:33	03/29/13 03:23	1
Beryllium	0.25	U	0.50	0.25	ug/L		03/27/13 13:33	03/29/13 03:23	1
Cadmium	0.095	U	0.50	0.095	ug/L		03/27/13 13:33	03/29/13 03:23	1
Copper	1.1	U	5.0	1.1	ug/L		03/27/13 13:33	03/29/13 03:23	1
Lead	0.20	U	1.5	0.20	ug/L		03/27/13 13:33	03/29/13 03:23	1
Nickel	2.0	U	5.0	2.0	ug/L		03/27/13 13:33	03/29/13 03:23	1
Selenium	1.0	U	2.5	1.0	ug/L		03/27/13 13:33	03/29/13 03:23	1
Zinc	8.3	U	20	8.3	ug/L		03/27/13 13:33	03/29/13 03:23	1
Thallium	0.50	U	1.0	0.50	ug/L		03/27/13 13:33	03/29/13 03:23	1

Client Sample ID: EQ-2 — **Lab Sample ID: 640-42817-35**
Date Collected: 03/21/13 07:35 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/27/13 13:33	03/29/13 03:30	1
Barium	1.3	U	5.0	1.3	ug/L		03/27/13 13:33	03/29/13 03:30	1
Beryllium	0.25	U	0.50	0.25	ug/L		03/27/13 13:33	03/29/13 03:30	1
Cadmium	0.095	U	0.50	0.095	ug/L		03/27/13 13:33	03/29/13 03:30	1
Copper	**2.1**	**J**	5.0	1.1	ug/L		03/27/13 13:33	03/29/13 03:30	1
Lead	0.20	U	1.5	0.20	ug/L		03/27/13 13:33	03/29/13 03:30	1
Nickel	2.0	U	5.0	2.0	ug/L		03/27/13 13:33	03/29/13 03:30	1
Selenium	1.0	U	2.5	1.0	ug/L		03/27/13 13:33	03/29/13 03:30	1
Zinc	**10**	**J**	20	8.3	ug/L		03/27/13 13:33	03/29/13 03:30	1
Thallium	0.50	U	1.0	0.50	ug/L		03/27/13 13:33	03/29/13 03:30	1

Client Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42817-1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Client Sample ID: EQ-3
Date Collected: 03/21/13 07:40
Date Received: 03/21/13 13:25

Lab Sample ID: 640-42817-36
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/27/13 13:33	03/29/13 03:36	1
Barium	1.3	U	5.0	1.3	ug/L		03/27/13 13:33	03/29/13 03:36	1
Beryllium	0.25	U	0.50	0.25	ug/L		03/27/13 13:33	03/29/13 03:36	1
Cadmium	0.095	U	0.50	0.095	ug/L		03/27/13 13:33	03/29/13 03:36	1
Copper	**1.7**	**J**	5.0	1.1	ug/L		03/27/13 13:33	03/29/13 03:36	1
Lead	0.20	U	1.5	0.20	ug/L		03/27/13 13:33	03/29/13 03:36	1
Nickel	2.0	U	5.0	2.0	ug/L		03/27/13 13:33	03/29/13 03:36	1
Selenium	1.0	U	2.5	1.0	ug/L		03/27/13 13:33	03/29/13 03:36	1
Zinc	8.3	U	20	8.3	ug/L		03/27/13 13:33	03/29/13 03:36	1
Thallium	0.50	U	1.0	0.50	ug/L		03/27/13 13:33	03/29/13 03:36	1

Client Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42817-1

Method: 6020A - Metals (ICP/MS) - Dissolved

Client Sample ID: MW-31S filter — **Lab Sample ID: 640-42817-1**
Date Collected: 03/20/13 10:00 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	1.3	U	2.5	1.3	ug/L		03/25/13 11:17	03/27/13 01:26	1
Barium, Dissolved	**73**		5.0	1.3	ug/L		03/25/13 11:17	03/27/13 01:26	1
Beryllium, Dissolved	0.25	U	0.50	0.25	ug/L		03/25/13 11:17	03/27/13 01:26	1
Lead, Dissolved	**1.0**	**J**	1.5	0.20	ug/L		03/25/13 11:17	03/27/13 01:26	1
Nickel, Dissolved	2.0	U	5.0	2.0	ug/L		03/25/13 11:17	03/27/13 01:26	1

Client Sample ID: MW-49S Filter — **Lab Sample ID: 640-42817-3**
Date Collected: 03/20/13 10:40 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	1.3	U	2.5	1.3	ug/L		03/25/13 11:17	03/27/13 01:56	1
Barium, Dissolved	**24**		5.0	1.3	ug/L		03/25/13 11:17	03/27/13 01:56	1
Beryllium, Dissolved	0.25	U	0.50	0.25	ug/L		03/25/13 11:17	03/27/13 01:56	1
Cadmium, Dissolved	0.095	U	0.50	0.095	ug/L		03/25/13 11:17	03/27/13 01:56	1
Copper, Dissolved	**1.6**	**J**	5.0	1.1	ug/L		03/25/13 11:17	03/27/13 01:56	1
Lead, Dissolved	**0.73**	**J**	1.5	0.20	ug/L		03/25/13 11:17	03/27/13 01:56	1
Nickel, Dissolved	2.0	U	5.0	2.0	ug/L		03/25/13 11:17	03/27/13 01:56	1
Selenium, Dissolved	1.0	U	2.5	1.0	ug/L		03/25/13 11:17	03/27/13 01:56	1
Zinc, Dissolved	**8.6**	**J**	20	8.3	ug/L		03/25/13 11:17	03/27/13 01:56	1
Thallium, Dissolved	0.50	U	1.0	0.50	ug/L		03/25/13 11:17	03/27/13 01:56	1

Client Sample ID: MW-TP2S Filter — **Lab Sample ID: 640-42817-10**
Date Collected: 03/20/13 16:05 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**2.6**		2.5	1.3	ug/L		03/27/13 11:38	03/27/13 18:04	1
Lead, Dissolved	**2.4**		1.5	0.20	ug/L		03/27/13 11:38	03/27/13 18:04	1
Nickel, Dissolved	**4.8**	**J**	5.0	2.0	ug/L		03/27/13 11:38	03/27/13 18:04	1

Client Sample ID: MW-TP5I Filter — **Lab Sample ID: 640-42817-11**
Date Collected: 03/19/13 09:20 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	1.3	U	2.5	1.3	ug/L		03/27/13 11:38	03/27/13 18:41	1
Lead, Dissolved	**1.3**	**J**	1.5	0.20	ug/L		03/27/13 11:38	03/27/13 18:41	1
Nickel, Dissolved	**3.2**	**J**	5.0	2.0	ug/L		03/27/13 11:38	03/27/13 18:41	1
Zinc, Dissolved	8.3	U	20	8.3	ug/L		03/27/13 11:38	03/27/13 18:41	1

Client Sample ID: FFW-4-R Filter — **Lab Sample ID: 640-42817-33**
Date Collected: 03/20/13 11:50 — **Matrix: Water**
Date Received: 03/21/13 13:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**2.5**		2.5	1.3	ug/L		03/27/13 13:33	03/29/13 03:16	1
Beryllium, Dissolved	**1.3**		0.50	0.25	ug/L		03/27/13 13:33	03/29/13 03:16	1
Lead, Dissolved	**5.4**		1.5	0.20	ug/L		03/27/13 13:33	03/29/13 03:16	1
Nickel, Dissolved	**11**		5.0	2.0	ug/L		03/27/13 13:33	03/29/13 03:16	1

QC Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42817-1

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 680-270522/1-A
Matrix: Water
Analysis Batch: 270905

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 270522

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/25/13 11:17	03/26/13 22:58	1
Arsenic, Dissolved	1.3	U	2.5	1.3	ug/L		03/25/13 11:17	03/26/13 22:58	1
Barium	1.3	U	5.0	1.3	ug/L		03/25/13 11:17	03/26/13 22:58	1
Barium, Dissolved	1.3	U	5.0	1.3	ug/L		03/25/13 11:17	03/26/13 22:58	1
Beryllium	0.25	U	0.50	0.25	ug/L		03/25/13 11:17	03/26/13 22:58	1
Beryllium, Dissolved	0.25	U	0.50	0.25	ug/L		03/25/13 11:17	03/26/13 22:58	1
Cadmium	0.095	U	0.50	0.095	ug/L		03/25/13 11:17	03/26/13 22:58	1
Cadmium, Dissolved	0.095	U	0.50	0.095	ug/L		03/25/13 11:17	03/26/13 22:58	1
Copper	1.1	U	5.0	1.1	ug/L		03/25/13 11:17	03/26/13 22:58	1
Copper, Dissolved	1.1	U	5.0	1.1	ug/L		03/25/13 11:17	03/26/13 22:58	1
Lead	0.20	U	1.5	0.20	ug/L		03/25/13 11:17	03/26/13 22:58	1
Lead, Dissolved	0.20	U	1.5	0.20	ug/L		03/25/13 11:17	03/26/13 22:58	1
Nickel	2.0	U	5.0	2.0	ug/L		03/25/13 11:17	03/26/13 22:58	1
Nickel, Dissolved	2.0	U	5.0	2.0	ug/L		03/25/13 11:17	03/26/13 22:58	1
Selenium	1.0	U	2.5	1.0	ug/L		03/25/13 11:17	03/26/13 22:58	1
Selenium, Dissolved	1.0	U	2.5	1.0	ug/L		03/25/13 11:17	03/26/13 22:58	1
Zinc	8.3	U	20	8.3	ug/L		03/25/13 11:17	03/26/13 22:58	1
Zinc, Dissolved	8.3	U	20	8.3	ug/L		03/25/13 11:17	03/26/13 22:58	1
Thallium	0.50	U	1.0	0.50	ug/L		03/25/13 11:17	03/26/13 22:58	1
Thallium, Dissolved	0.50	U	1.0	0.50	ug/L		03/25/13 11:17	03/26/13 22:58	1

Lab Sample ID: LCS 680-270522/2-A
Matrix: Water
Analysis Batch: 270905

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 270522

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	100	99.4		ug/L		99	75 - 125
Arsenic, Dissolved	100	99.4		ug/L		99	75 - 125
Barium	100	103		ug/L		103	75 - 125
Barium, Dissolved	100	103		ug/L		103	75 - 125
Beryllium	50.0	49.9		ug/L		100	75 - 125
Beryllium, Dissolved	50.0	49.9		ug/L		100	75 - 125
Cadmium	50.0	49.9		ug/L		100	75 - 125
Cadmium, Dissolved	50.0	49.9		ug/L		100	75 - 125
Copper	100	106		ug/L		106	75 - 125
Copper, Dissolved	100	106		ug/L		106	75 - 125
Lead	50.0	50.9		ug/L		102	75 - 125
Lead, Dissolved	50.0	50.9		ug/L		102	75 - 125
Nickel	100	108		ug/L		108	75 - 125
Nickel, Dissolved	100	108		ug/L		108	75 - 125
Selenium	100	102		ug/L		102	75 - 125
Selenium, Dissolved	100	102		ug/L		102	75 - 125
Vanadium	100	101		ug/L		101	75 - 125
Vanadium, Dissolved	100	101		ug/L		101	75 - 125
Zinc	100	107		ug/L		107	75 - 125
Zinc, Dissolved	100	107		ug/L		107	75 - 125
Thallium	40.0	40.2		ug/L		101	75 - 125
Thallium, Dissolved	40.0	40.2		ug/L		101	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-270874/1-A
Matrix: Water
Analysis Batch: 271117

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 270874

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/27/13 11:38	03/27/13 17:42	1
Arsenic, Dissolved	1.3	U	2.5	1.3	ug/L		03/27/13 11:38	03/27/13 17:42	1
Barium	1.3	U	5.0	1.3	ug/L		03/27/13 11:38	03/27/13 17:42	1
Barium, Dissolved	1.3	U	5.0	1.3	ug/L		03/27/13 11:38	03/27/13 17:42	1
Beryllium	0.25	U	0.50	0.25	ug/L		03/27/13 11:38	03/27/13 17:42	1
Beryllium, Dissolved	0.25	U	0.50	0.25	ug/L		03/27/13 11:38	03/27/13 17:42	1
Cadmium	0.095	U	0.50	0.095	ug/L		03/27/13 11:38	03/27/13 17:42	1
Cadmium, Dissolved	0.095	U	0.50	0.095	ug/L		03/27/13 11:38	03/27/13 17:42	1
Copper	1.1	U	5.0	1.1	ug/L		03/27/13 11:38	03/27/13 17:42	1
Copper, Dissolved	1.1	U	5.0	1.1	ug/L		03/27/13 11:38	03/27/13 17:42	1
Lead	0.20	U	1.5	0.20	ug/L		03/27/13 11:38	03/27/13 17:42	1
Lead, Dissolved	0.20	U	1.5	0.20	ug/L		03/27/13 11:38	03/27/13 17:42	1
Nickel	2.0	U	5.0	2.0	ug/L		03/27/13 11:38	03/27/13 17:42	1
Nickel, Dissolved	2.0	U	5.0	2.0	ug/L		03/27/13 11:38	03/27/13 17:42	1
Selenium	1.0	U	2.5	1.0	ug/L		03/27/13 11:38	03/27/13 17:42	1
Selenium, Dissolved	1.0	U	2.5	1.0	ug/L		03/27/13 11:38	03/27/13 17:42	1
Zinc	8.3	U	20	8.3	ug/L		03/27/13 11:38	03/27/13 17:42	1
Zinc, Dissolved	8.3	U	20	8.3	ug/L		03/27/13 11:38	03/27/13 17:42	1
Thallium	0.50	U	1.0	0.50	ug/L		03/27/13 11:38	03/27/13 17:42	1
Thallium, Dissolved	0.50	U	1.0	0.50	ug/L		03/27/13 11:38	03/27/13 17:42	1

Lab Sample ID: LCS 680-270874/2-A
Matrix: Water
Analysis Batch: 271117

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 270874

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	100	99.6		ug/L		100	75 - 125
Arsenic, Dissolved	100	99.6		ug/L		100	75 - 125
Barium	100	100		ug/L		100	75 - 125
Barium, Dissolved	100	100		ug/L		100	75 - 125
Beryllium	50.0	48.8		ug/L		98	75 - 125
Beryllium, Dissolved	50.0	48.8		ug/L		98	75 - 125
Cadmium	50.0	49.7		ug/L		99	75 - 125
Cadmium, Dissolved	50.0	49.7		ug/L		99	75 - 125
Copper	100	106		ug/L		106	75 - 125
Copper, Dissolved	100	106		ug/L		106	75 - 125
Lead	50.0	49.0		ug/L		98	75 - 125
Lead, Dissolved	50.0	49.0		ug/L		98	75 - 125
Nickel	100	108		ug/L		108	75 - 125
Nickel, Dissolved	100	108		ug/L		108	75 - 125
Selenium	100	102		ug/L		102	75 - 125
Selenium, Dissolved	100	102		ug/L		102	75 - 125
Vanadium	100	100		ug/L		100	75 - 125
Vanadium, Dissolved	100	100		ug/L		100	75 - 125
Zinc	100	108		ug/L		108	75 - 125
Zinc, Dissolved	100	108		ug/L		108	75 - 125
Thallium	40.0	38.9		ug/L		97	75 - 125
Thallium, Dissolved	40.0	38.9		ug/L		97	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-270896/1-A
Matrix: Water
Analysis Batch: 271237

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 270896

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		03/27/13 13:33	03/29/13 01:57	1
Arsenic, Dissolved	1.3	U	2.5	1.3	ug/L		03/27/13 13:33	03/29/13 01:57	1
Barium	1.3	U	5.0	1.3	ug/L		03/27/13 13:33	03/29/13 01:57	1
Barium, Dissolved	1.3	U	5.0	1.3	ug/L		03/27/13 13:33	03/29/13 01:57	1
Beryllium	0.25	U	0.50	0.25	ug/L		03/27/13 13:33	03/29/13 01:57	1
Beryllium, Dissolved	0.25	U	0.50	0.25	ug/L		03/27/13 13:33	03/29/13 01:57	1
Cadmium	0.095	U	0.50	0.095	ug/L		03/27/13 13:33	03/29/13 01:57	1
Cadmium, Dissolved	0.095	U	0.50	0.095	ug/L		03/27/13 13:33	03/29/13 01:57	1
Copper	1.1	U	5.0	1.1	ug/L		03/27/13 13:33	03/29/13 01:57	1
Copper, Dissolved	1.1	U	5.0	1.1	ug/L		03/27/13 13:33	03/29/13 01:57	1
Lead	0.20	U	1.5	0.20	ug/L		03/27/13 13:33	03/29/13 01:57	1
Lead, Dissolved	0.20	U	1.5	0.20	ug/L		03/27/13 13:33	03/29/13 01:57	1
Nickel	2.0	U	5.0	2.0	ug/L		03/27/13 13:33	03/29/13 01:57	1
Nickel, Dissolved	2.0	U	5.0	2.0	ug/L		03/27/13 13:33	03/29/13 01:57	1
Selenium	1.0	U	2.5	1.0	ug/L		03/27/13 13:33	03/29/13 01:57	1
Selenium, Dissolved	1.0	U	2.5	1.0	ug/L		03/27/13 13:33	03/29/13 01:57	1
Zinc	8.3	U	20	8.3	ug/L		03/27/13 13:33	03/29/13 01:57	1
Zinc, Dissolved	8.3	U	20	8.3	ug/L		03/27/13 13:33	03/29/13 01:57	1
Thallium	0.50	U	1.0	0.50	ug/L		03/27/13 13:33	03/29/13 01:57	1
Thallium, Dissolved	0.50	U	1.0	0.50	ug/L		03/27/13 13:33	03/29/13 01:57	1

Lab Sample ID: LCS 680-270896/2-A
Matrix: Water
Analysis Batch: 271237

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 270896

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	100	103		ug/L		103	75 - 125
Arsenic, Dissolved	100	103		ug/L		103	75 - 125
Barium	100	97.2		ug/L		97	75 - 125
Barium, Dissolved	100	97.2		ug/L		97	75 - 125
Beryllium	50.0	47.9		ug/L		96	75 - 125
Beryllium, Dissolved	50.0	47.9		ug/L		96	75 - 125
Cadmium	50.0	48.6		ug/L		97	75 - 125
Cadmium, Dissolved	50.0	48.6		ug/L		97	75 - 125
Copper	100	102		ug/L		102	75 - 125
Copper, Dissolved	100	102		ug/L		102	75 - 125
Lead	50.0	47.1		ug/L		94	75 - 125
Lead, Dissolved	50.0	47.1		ug/L		94	75 - 125
Nickel	100	102		ug/L		102	75 - 125
Nickel, Dissolved	100	102		ug/L		102	75 - 125
Selenium	100	98.1		ug/L		98	75 - 125
Selenium, Dissolved	100	98.1		ug/L		98	75 - 125
Vanadium	100	99.0		ug/L		99	75 - 125
Vanadium, Dissolved	100	99.0		ug/L		99	75 - 125
Zinc	100	100		ug/L		100	75 - 125
Zinc, Dissolved	100	100		ug/L		100	75 - 125
Thallium	40.0	37.3		ug/L		93	75 - 125
Thallium, Dissolved	40.0	37.3		ug/L		93	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 640-42817-30 MS — **Client Sample ID: MW-44S**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 271237 — **Prep Batch: 270896**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.3	U	100	103		ug/L		103	75 - 125
Arsenic, Dissolved	1.3		100	103		ug/L		103	75 - 125
Barium	50		100	148		ug/L		98	75 - 125
Barium, Dissolved	50		100	148		ug/L		98	75 - 125
Beryllium	0.42		50.0	47.9		ug/L		95	75 - 125
Beryllium, Dissolved	0.42		50.0	47.9		ug/L		95	75 - 125
Cadmium	0.095	U	50.0	48.7		ug/L		97	75 - 125
Cadmium, Dissolved	0.095		50.0	48.7		ug/L		97	75 - 125
Copper	1.1		100	97.5		ug/L		97	75 - 125
Copper, Dissolved	1.1		100	97.5		ug/L		97	75 - 125
Lead	0.20	U	50.0	46.4		ug/L		93	75 - 125
Lead, Dissolved	0.20		50.0	46.4		ug/L		93	75 - 125
Nickel	6.7		100	102		ug/L		95	75 - 125
Nickel, Dissolved	6.7		100	102		ug/L		95	75 - 125
Selenium	1.0		100	96.0		ug/L		96	75 - 125
Selenium, Dissolved	1.0		100	96.0		ug/L		96	75 - 125
Vanadium	3.8		100	97.6		ug/L		98	75 - 125
Vanadium, Dissolved	3.8		100	97.6		ug/L		98	75 - 125
Zinc	8.3		100	104		ug/L		104	75 - 125
Zinc, Dissolved	8.3		100	104		ug/L		104	75 - 125
Thallium	0.50		40.0	37.2		ug/L		93	75 - 125
Thallium, Dissolved	0.50		40.0	37.2		ug/L		93	75 - 125

Lab Sample ID: 640-42817-30 MSD — **Client Sample ID: MW-44S**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 271237 — **Prep Batch: 270896**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	1.3	U	100	108		ug/L		108	75 - 125	4	20
Arsenic, Dissolved	1.3		100	108		ug/L		108	75 - 125	4	20
Barium	50		100	154		ug/L		104	75 - 125	4	20
Barium, Dissolved	50		100	154		ug/L		104	75 - 125	4	20
Beryllium	0.42		50.0	48.7		ug/L		96	75 - 125	1	20
Beryllium, Dissolved	0.42		50.0	48.7		ug/L		96	75 - 125	1	20
Cadmium	0.095	U	50.0	49.8		ug/L		100	75 - 125	2	20
Cadmium, Dissolved	0.095		50.0	49.8		ug/L		100	75 - 125	2	20
Copper	1.1		100	103		ug/L		103	75 - 125	5	20
Copper, Dissolved	1.1		100	103		ug/L		103	75 - 125	5	20
Lead	0.20	U	50.0	47.3		ug/L		95	75 - 125	2	20
Lead, Dissolved	0.20		50.0	47.3		ug/L		95	75 - 125	2	20
Nickel	6.7		100	108		ug/L		101	75 - 125	5	20
Nickel, Dissolved	6.7		100	108		ug/L		101	75 - 125	5	20
Selenium	1.0		100	104		ug/L		104	75 - 125	8	20
Selenium, Dissolved	1.0		100	104		ug/L		104	75 - 125	8	20
Vanadium	3.8		100	103		ug/L		103	75 - 125	5	20
Vanadium, Dissolved	3.8		100	103		ug/L		103	75 - 125	5	20
Zinc	8.3		100	105		ug/L		105	75 - 125	1	20
Zinc, Dissolved	8.3		100	105		ug/L		105	75 - 125	1	20

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 640-42817-30 MSD — **Client Sample ID: MW-44S**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 271237 — **Prep Batch: 270896**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Thallium	0.50		40.0	38.8		ug/L		97	75 - 125	4	20
Thallium, Dissolved	0.50		40.0	38.8		ug/L		97	75 - 125	4	20

Lab Sample ID: 640-42817-10 MS — **Client Sample ID: MW-TP2S Filter**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 271117 — **Prep Batch: 270874**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	2.6		100	107		ug/L		104	75 - 125
Arsenic, Dissolved	2.6		100	107		ug/L		104	75 - 125
Barium	31		100	134		ug/L		103	75 - 125
Barium, Dissolved	31		100	134		ug/L		103	75 - 125
Beryllium	0.56		50.0	50.2		ug/L		99	75 - 125
Beryllium, Dissolved	0.56		50.0	50.2		ug/L		99	75 - 125
Cadmium	0.22		50.0	52.3		ug/L		104	75 - 125
Cadmium, Dissolved	0.22		50.0	52.3		ug/L		104	75 - 125
Copper	7.0		100	116		ug/L		109	75 - 125
Copper, Dissolved	7.0		100	116		ug/L		109	75 - 125
Lead	2.4		50.0	52.2		ug/L		100	75 - 125
Lead, Dissolved	2.4		50.0	52.2		ug/L		100	75 - 125
Nickel	4.8		100	113		ug/L		108	75 - 125
Nickel, Dissolved	4.8	J	100	113		ug/L		108	75 - 125
Selenium	1.9		100	108		ug/L		106	75 - 125
Selenium, Dissolved	1.9		100	108		ug/L		106	75 - 125
Vanadium	7.2		100	112		ug/L		104	75 - 125
Vanadium, Dissolved	7.2		100	112		ug/L		104	75 - 125
Zinc	64		100	170		ug/L		105	75 - 125
Zinc, Dissolved	64		100	170		ug/L		105	75 - 125
Thallium	0.50		40.0	39.6		ug/L		99	75 - 125
Thallium, Dissolved	0.50		40.0	39.6		ug/L		99	75 - 125

Lab Sample ID: 640-42817-10 MSD — **Client Sample ID: MW-TP2S Filter**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 271117 — **Prep Batch: 270874**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	2.6		100	102		ug/L		100	75 - 125	4	20
Arsenic, Dissolved	2.6		100	102		ug/L		100	75 - 125	4	20
Barium	31		100	132		ug/L		101	75 - 125	2	20
Barium, Dissolved	31		100	132		ug/L		101	75 - 125	2	20
Beryllium	0.56		50.0	49.8		ug/L		98	75 - 125	1	20
Beryllium, Dissolved	0.56		50.0	49.8		ug/L		98	75 - 125	1	20
Cadmium	0.22		50.0	49.9		ug/L		99	75 - 125	5	20
Cadmium, Dissolved	0.22		50.0	49.9		ug/L		99	75 - 125	5	20
Copper	7.0		100	112		ug/L		105	75 - 125	3	20
Copper, Dissolved	7.0		100	112		ug/L		105	75 - 125	3	20
Lead	2.4		50.0	51.1		ug/L		97	75 - 125	2	20
Lead, Dissolved	2.4		50.0	51.1		ug/L		97	75 - 125	2	20
Nickel	4.8		100	109		ug/L		105	75 - 125	3	20

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 640-42817-10 MSD | **Client Sample ID: MW-TP2S Filter**
Matrix: Water | **Prep Type: Dissolved**
Analysis Batch: 271117 | **Prep Batch: 270874**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nickel, Dissolved	4.8	J	100	109		ug/L		105	75 - 125	3	20
Selenium	1.9		100	106		ug/L		104	75 - 125	2	20
Selenium, Dissolved	1.9		100	106		ug/L		104	75 - 125	2	20
Vanadium	7.2		100	108		ug/L		101	75 - 125	3	20
Vanadium, Dissolved	7.2		100	108		ug/L		101	75 - 125	3	20
Zinc	64		100	170		ug/L		106	75 - 125	0	20
Zinc, Dissolved	64		100	170		ug/L		106	75 - 125	0	20
Thallium	0.50		40.0	38.8		ug/L		97	75 - 125	2	20
Thallium, Dissolved	0.50		40.0	38.8		ug/L		97	75 - 125	2	20

Certification Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42817-1

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-13
Georgia	State Program	4		06-30-13
Louisiana	NELAP	6	30663	06-30-13
New Jersey	NELAP	2	FL012	06-30-13
Texas	NELAP	6	T104704459-11-2	03-31-14
USDA	Federal		P330-08-00158	08-05-14

Laboratory: TestAmerica Savannah

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	41450	06-30-13
Alaska (UST)	State Program	10	UST-104	06-19-13
California	NELAP	9	3217CA	07-31-13
Colorado	State Program	8	N/A	12-31-13
Florida	NELAP	4	E87052	06-30-13
GA Dept. of Agriculture	State Program	4	N/A	12-31-13
Georgia	State Program	4	N/A	06-30-13
Georgia	State Program	4	803	06-30-13
Guam	State Program	9	09-005r	04-17-13
Hawaii	State Program	9	N/A	06-30-13
Illinois	NELAP	5	200022	11-30-13
Indiana	State Program	5	N/A	06-30-13
Iowa	State Program	7	353	07-01-13
Kentucky	State Program	4	90084	12-31-12
Kentucky (UST)	State Program	4	18	03-31-13
Louisiana	NELAP	6	30690	06-30-13
Louisiana	NELAP	6	LA100015	12-31-13
Maine	State Program	1	GA00006	08-16-14
Maryland	State Program	3	250	12-31-13
Massachusetts	State Program	1	M-GA006	06-30-13
Michigan	State Program	5	9925	06-30-13
Mississippi	State Program	4	N/A	06-30-13
Montana	State Program	8	CERT0081	01-01-14
Nebraska	State Program	7	TestAmerica-Savannah	06-30-13
New Jersey	NELAP	2	GA769	06-30-13
New Mexico	State Program	6	N/A	06-30-13
North Carolina DENR	State Program	4	269	12-31-13
North Carolina DHHS	State Program	4	13701	07-31-13
Oklahoma	State Program	6	9984	08-31-13
Pennsylvania	NELAP	3	68-00474	06-30-13
Puerto Rico	State Program	2	GA00006	01-01-14
South Carolina	State Program	4	98001	06-30-13
Tennessee	State Program	4	TN02961	06-30-13
Texas	NELAP	6	T104704185-08-TX	11-30-13
USDA	Federal		SAV 3-04	04-07-14
Virginia	NELAP	3	460161	06-14-13
Washington	State Program	10	C1794	06-10-13
West Virginia	State Program	3	9950C	12-31-13
West Virginia DEP	State Program	3	94	06-30-13
Wisconsin	State Program	5	999819810	08-31-13
Wyoming	State Program	8	8TMS-Q	06-30-13

Method Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42817-1

Method	Method Description	Protocol	Laboratory
6020A	Metals (ICP/MS)	SW846	TAL SAV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Sample Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42817-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-42817-1	MW-31S filter	Water	03/20/13 10:00	03/21/13 13:25
640-42817-2	MW-49S	Water	03/20/13 10:40	03/21/13 13:25
640-42817-3	MW-49S Filter	Water	03/20/13 10:40	03/21/13 13:25
640-42817-4	FFFW-4-R	Water	03/20/13 11:50	03/21/13 13:25
640-42817-5	MW-45S	Water	03/20/13 12:10	03/21/13 13:25
640-42817-6	MW-TP3S	Water	03/20/13 15:08	03/21/13 13:25
640-42817-7	MW-25S	Water	03/20/13 15:27	03/21/13 13:25
640-42817-8	MW-33S	Water	03/20/13 15:45	03/21/13 13:25
640-42817-9	MW-TP2S	Water	03/20/13 16:05	03/21/13 13:25
640-42817-10	MW-TP2S Filter	Water	03/20/13 16:05	03/21/13 13:25
640-42817-11	MW-TP5I Filter	Water	03/19/13 09:20	03/21/13 13:25
640-42817-12	FFFW-1-R	Water	03/19/13 12:10	03/21/13 13:25
640-42817-13	FFFW-2I	Water	03/19/13 14:00	03/21/13 13:25
640-42817-14	FFFW-2-R	Water	03/19/13 14:20	03/21/13 13:25
640-42817-15	MW-TP4S	Water	03/19/13 14:50	03/21/13 13:25
640-42817-16	MW-24S	Water	03/19/13 15:05	03/21/13 13:25
640-42817-17	MW-23S	Water	03/19/13 15:40	03/21/13 13:25
640-42817-18	MW-TP1I	Water	03/19/13 17:27	03/21/13 13:25
640-42817-19	MW-TP1S	Water	03/19/13 17:45	03/21/13 13:25
640-42817-20	MW-47S	Water	03/19/13 18:30	03/21/13 13:25
640-42817-21	MW-46S	Water	03/20/13 09:18	03/21/13 13:25
640-42817-22	MW-31S	Water	03/20/13 10:00	03/21/13 13:25
640-42817-23	MW-32S-R	Water	03/18/13 17:52	03/21/13 13:25
640-42817-24	MW-41S	Water	03/18/13 18:10	03/21/13 13:25
640-42817-25	MW-21S	Water	03/18/13 18:30	03/21/13 13:25
640-42817-26	MW-32I	Water	03/18/13 18:55	03/21/13 13:25
640-42817-27	DUP-7	Water	03/18/13 00:00	03/21/13 13:25
640-42817-28	MW-TP5I	Water	03/19/13 09:20	03/21/13 13:25
640-42817-29	MW-TP5S	Water	03/19/13 10:38	03/21/13 13:25
640-42817-30	MW-44S	Water	03/19/13 11:18	03/21/13 13:25
640-42817-31	MW-22S	Water	03/19/13 11:45	03/21/13 13:25
640-42817-32	DUP-4	Water	03/19/13 00:00	03/21/13 13:25
640-42817-33	FFW-4-R Filter	Water	03/20/13 11:50	03/21/13 13:25
640-42817-34	EQ-1	Water	03/21/13 07:30	03/21/13 13:25
640-42817-35	EQ-2	Water	03/21/13 07:35	03/21/13 13:25
640-42817-36	EQ-3	Water	03/21/13 07:40	03/21/13 13:25

TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

TestAmerica (3)

Sampler: Amelia Bryant & Brittany Gomez	Lab PM: Preston, Tim	Carrier Tracking No(s):	COC No: 640-37598-10292.6
Phone: 850.228.6846	E-Mail: timothyr.preston@testamericainc.com		Page: Page 6 of 9
			Job #: 640-42817

Client Information

Client Contact: Mr. John Carey
Company: URS Corporation
Address: 1625 Summit Lake Drive Suite 200
City: Tallahassee
State, Zip: FL, 32317
Phone: 850-528-1937(Tel) 850-402-6490(Fax)
Email: john_carey@urscorp.com
Project Name: PCS FFF Moultrie
Site: FFF Moultrie, Georgia

Due Date Requested:
TAT Requested (days):
PO #: 267418.US
WO #: 12806184.00000 Vendor No. 1427536
Project #: 64005633
SSOW#:

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A -	6020A - Dissolved	6020 -	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	D	D	N	X	
MW-31S filter	3/20/13	1000	G	W	X			1			
MW-49S	3/20/13	1040	G	W			1				
MW-49S filter	3/20/13	1040	G	W	X			1			
FFFW-4-R	3/20/13	1150	G	W			1				
MW-45S	3/20/13	1210	G	W			1				
MW-TP3S	3/20/13	1508	G	W			1				
MW-25S	3/20/13	1527	G	W			1				
MW-33S	3/20/13	1545	G	W			1				
MW-TP2S	3/20/13	1605	G	W			1				
MW-TP2S filter	3/20/13	1605	G	W	X			1			
MW-TP5I	3/19/13	0920	G	W	X			1			

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown [ ] Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): [ ] Return To Client [ ] Disposal By Lab [ ] Archive For ____ Months

Special Instructions/QC Requirements:

Deliverable Requested: I, II, III, IV, Other (specify)

Method of Shipment:

Empty Kit Relinquished by:	Date: 3/7/13	Time: 0900			
Relinquished by: Amelia Bryant	Date/Time: 032113 / 1325	Company: URS	Received by: [signature]	Date/Time: 3/21/13 1325	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 2.4

(2)

TestAmerica

Chain of Custody Record

TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Sampler: Amelia Bryant + Brittany Cromer
Phone: 850.228.6846

Lab PM: Preston, Tim
E-Mail: timothyr.preston@testamericainc.com

Carrier Tracking No(s):

COC No: 640-37598-10292.7
Page: Page 7 of 9
Job #: 640-42817

Client Information

Client Contact: Mr. John Carey
Company: URS Corporation
Address: 1625 Summit Lake Drive Suite 200
City: Tallahassee
State, Zip: FL, 32317
Phone: 850-528-1937(Tel) 850-402-6490(Fax)
Email: john_carey@urscorp.com
Project Name: PCS FFF Moultrie
Site: FFF Moultrie, Georgia

Due Date Requested:
TAT Requested (days):
PO #: 267418.US
WO #: 12806184.00000 Vendor No. 1427536
Project #: 64005633
SSOW#:

Analysis Requested

Preservation Codes:
A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
J - DI Water
K - EDTA
L - EDA
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2SO3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - ph 4-5
Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A - D	6020A - Dissolved D	6020 - /7470 N	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
FFFW-1-R	3/19/13	1210	G	W					1		
FFFW-2T	3/19/13	1400	G	W					1		
FFFW-2-R	3/19/13	1420	G	W					1		
MW-TP4S	3/19/13	1450	G	W					1		
MW-24S	3/19/13	1505	G	W					1		
MW-23S	3/19/13	1540	G	W					1		
MW-TP1T	3/19/13	1727	G	W					1		
MW-TP1S	3/19/13	1745	G	W					1		
MW-47S	3/19/13	1830	G	W					1		
MW-46S	3/20/13	0918	G	W					1		
MW-31S	3/20/13	1000	G	W					1		

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Deliverable Requested: I, II, III, IV, Other (specify)

Method of Shipment:

Empty Kit Relinquished by: Date: 3/7/13 Time: 0900

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Amelia Bryant	032113 / 1325	URS	[illegible]	3/21/13 1325	

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.4

4/1/2013

TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

TestAmerica

①

4/1/2013

Sampler: Amelia Bryant + Brittany Cromer
Phone: 850.228.6846

Lab PM: Preston, Tim
E-Mail: timothyr.preston@testamericainc.com

Carrier Tracking No(s):

COC No: 640-37598-10292.8
Page: Page 8 of 9
Job #: 640-42817

Client Information

Client Contact: Mr. John Carey
Company: URS Corporation
Address: 1625 Summit Lake Drive Suite 200
City: Tallahassee
State, Zip: FL, 32317
Phone: 850-528-1937(Tel) 850-402-6490(Fax)
Email: john_carey@urscorp.com
Project Name: PCS FFF Moultrie
Site: FFF Moultrie, Georgia

Due Date Requested:
TAT Requested (days):
PO #: 267418.US
WO #: 12806184.00000 Vendor No. 1427536
Project #: 64005633
SSOW#:

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A -	6020A - Dissolved	6020/7470	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N		
~~MW-48S~~	3/15/13	1245	G	W			1				
~~MW-30S~~	3/15/13	1225	G	W			1				
MW-32S-R	3/18/13	1752	G	W			1				
MW-41S	3/18/13	1810	G	W			1				
MW-21S	3/18/13	1830	G	W			1				
MW-32I	3/18/13	1855	G	W			1				
DUP-1	3/18/13		G	W			1				
MW-TP5I	3/19/13	0920	G	W			1				
MW-TP5S	3/19/13	1038	G	W			1				
MW-44S	3/19/13	1118	G	W			1				
MW-22S	3/19/13	1145	G	W			1				

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements:

Deliverable Requested: I, II, III, IV, Other (specify)

Time: 0900 Method of Shipment:

	Date/Time	Company		Date/Time	Company
Empty Kit Relinquished by:	Date: 3/21/13				
Relinquished by: Amelia Bryant	032113/1325	URS	Received by: EDP	3/21/13 1325	
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Cooler Temperature(s) °C and Other Remarks: 2.4

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:

TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

TestAmerica

4/1/2013

Client Information

Client Contact: Mr. John Carey
Company: URS Corporation
Address: 1625 Summit Lake Drive Suite 200
City: Tallahassee
State, Zip: FL, 32317
Phone: 850-528-1937(Tel) 850-402-6490(Fax)
Email: john_carey@urscorp.com
Project Name: PCS FFF Moultrie
Site: FFF Moultrie, Georgia

Sampler: A. Bryant + B. Cromes
Phone: 850.228.6846
Due Date Requested:
TAT Requested (days):
PO #: ~~256090.CO1.US~~ 267418.US
WO #: 12806184 ~~12806099~~.00000 Vendor No. 1427536
Project #: 64005633
SSOW#:

Lab PM: ~~Snead, Laura B~~ Preston, Tim
E-Mail: ~~laura.snead~~ timothy.preston@testamericainc.com
Carrier Tracking No(s):
COC No: 640-37598-10292. ~~640-32329-6093.9~~
Page: ~~Page 9 of 9~~
Job #: 640-41287-1

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A - (MOD) Site Metals	6020A - (MOD) Site Filtered Metals	7470A - Mercury (Savannah)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	D		
DUP-4	031913		G	W			1			1	
FFFW-4-R	032013	1150	G	W			1			1	
EQ-1	032113	0730	G	W			1			1	
EQ-2	032113	0735	G	W			1			1	
EQ-3	032113	0740	G	W			1			1	

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown [ ] Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): [ ] Return To Client [ ] Disposal By Lab [ ] Archive For ____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by: Date: Time: Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Amelia Bryant	032113/1325	URS	[signature]	3/21/13 1325	

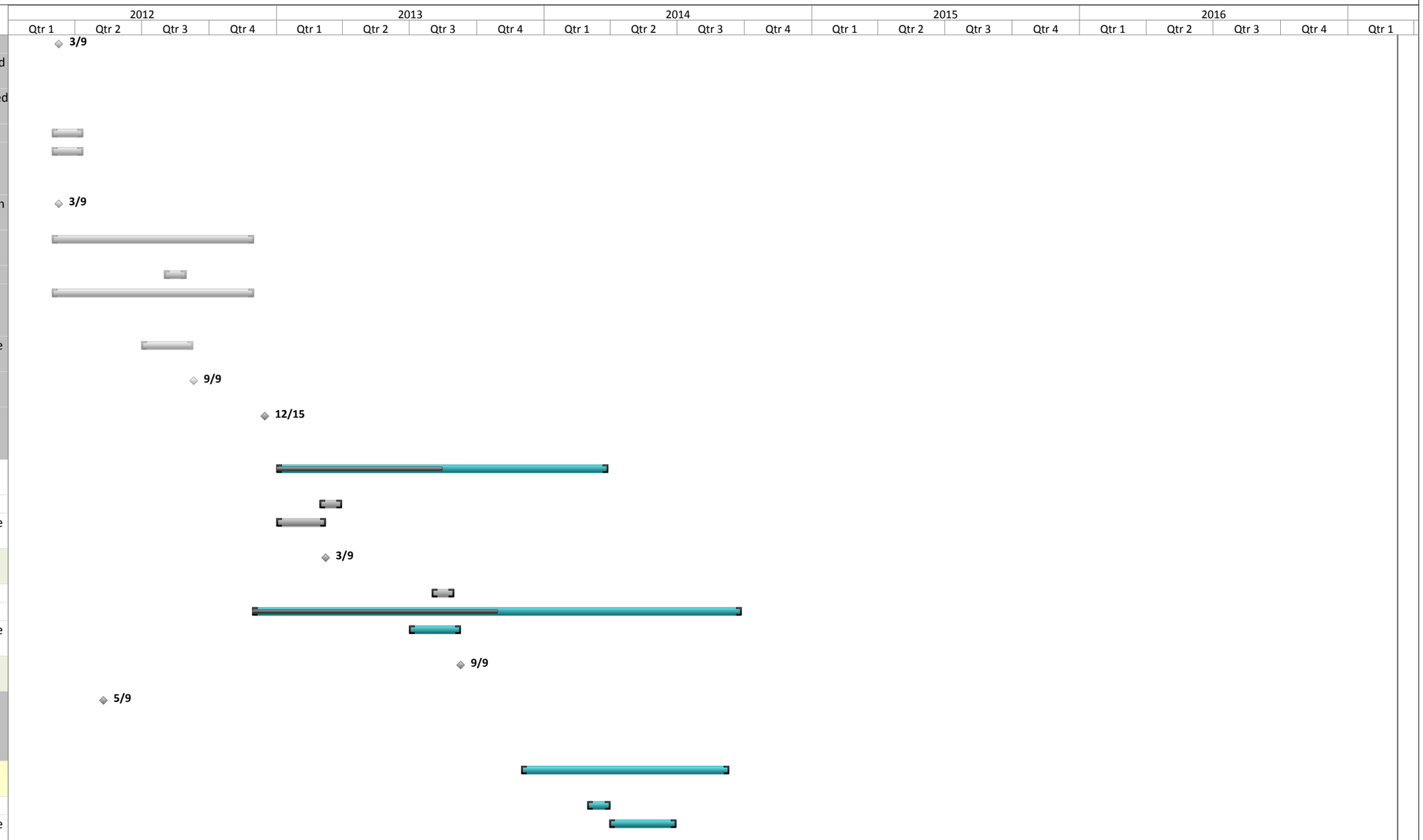
Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 2.4

ATTACHMENT 2

VIRP Schedule

Attachment 2
Voluntary Investigation & Remediation Plan (VIRP)
Schedule

ID	Task Name
1	Enrollment in VRP (3-9-12)
2	On-Site Horizontal Delineation deemed completed
3	Vertical Delineation deemed completed
4	Conduct Groundwater Sampling
5	Install Monitoring Wells to complete offsite delineation upgradient, NW & West
6	GEPD Approval for PCS' Participation in VRP
7	Demonstrate Horizontal Delineation Upgradient offsite Complete
8	Conduct Groundwater Sampling
9	Complete Well Inventory and Document Status of Monitoring Wells
10	Preparation of Status Report & Update CSM
11	Submit Semi-annual Status Report to GEPD
12	MILESTONE 1: Within 12 months of enrollment complete horizontal delineation on-site
13	Develop and Finalize RRS for all RS in Soil and Groundwater
14	Conduct Groundwater Sampling
15	Preparation of Status Report & Update CSM
16	Submit Semi-annual Status Report to GEPD
17	Conduct Groundwater Sampling
18	Perform Groundwater Modeling
19	Preparation of Status Report & Update CSM
20	Submit Semi-annual Status Report to GEPD
21	MILESTONE 2: Within 24 months of enrollment complete horizontal and vertical (milestone 3) delineation off-site (5-9-12)
22	Preparation of Final Remediation Plan
23	Conduct Groundwater Sampling
24	Preparation of Status Report & Update CSM

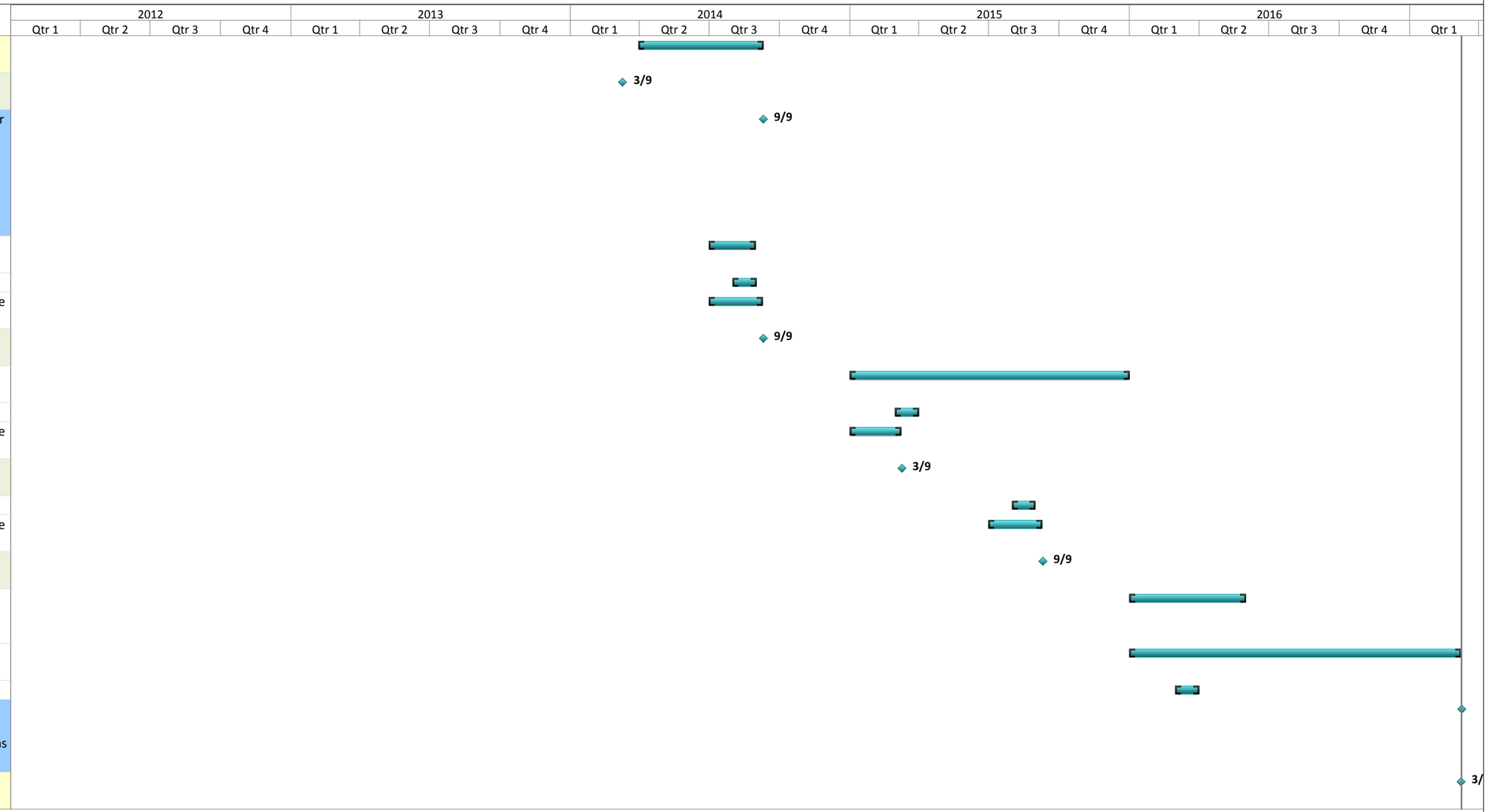


Attachment 2 VIRP Schedule
Date: Fri 9/6/13

Task		Summary		External Milestone		Inactive Summary		Manual Summary Rollup		Finish-only	
Split		Project Summary		Inactive Task		Manual Task		Manual Summary		Deadline	
Milestone		Completed Tasks		Inactive Milestone		Duration-only		Start-only		Progress	

Attachment 2
Voluntary Investigation & Remediation Plan (VIRP)
Schedule

ID	Task Name
25	Preparation of Remediation Cost Estimate
26	Submit Semi-annual Status Report to GEPD
27	MILESTONE 3: Within 30 months after enrollment vertical delineation to be completed; finalize Remediation Plan and provide cost estimate for implementation of remediation and associated continuing action
28	Implementation of Hot Spot Remediation Action
29	Conduct Groundwater Sampling
30	Preparation of Status Report & Update CSM
31	Submit Semi-annual Status Report to GEPD
32	Preparation of Draft Environmental Covenant
33	Conduct Groundwater Sampling
34	Preparation of Status Report & Update CSM
35	Submit Semi-annual Status Report to GEPD
36	Conduct Groundwater Sampling
37	Preparation of Status Report & Update CSM
38	Submit Semi-annual Status Report to GEPD
39	Update Groundwater Model with additional semi-annual groundwater sampling event results
40	Preparation of Compliance Status Report
41	Conduct Groundwater Sampling
42	MILESTONE 4: Within 60 months of enrollment submit Compliance Status Report including required certifications
43	Submit Compliance Status Report to GEPD



Attachment 2 VIRP Schedule
Date: Fri 9/6/13

Task		Summary		External Milestone		Inactive Summary		Manual Summary Rollup		Finish-only	
Split		Project Summary		Inactive Task		Manual Task		Manual Summary		Deadline	
Milestone		Completed Tasks		Inactive Milestone		Duration-only		Start-only		Progress	