URS

March 9, 2013

Mr. David Brownlee
Acting 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 September 9, 2012.

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, 2021 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).
- Continued semi-annual groundwater sampling
    - On-going

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- 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 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).

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).

PROGRESS YEAR 2 VIRP TASKS

- Groundwater Sampling – Semi-annual groundwater sampling was conducted in August 2012. The results of the sampling event are included as **Attachment 1**.
- Groundwater modeling has been initiated; Model development involves two separate investigation phases initially, one for regional and a second for local groundwater flow. Both regional and site conceptual models are developed after the research is completed and they form the basis for model construction. Data collection for the regional groundwater flow model is nearly complete. The regional basin to be modeled has been selected and the initial infiltration rate calculated from the closest stream gages and compared to published values of infiltration for the area. GIS coverages of regional drainage networks have been downloaded and construction of the regional flow model will be started next week.

  The groundwater modeling software selected for this effort is Visual MODFLOW (Waterloo Hydrologic, Inc., Version 2009.1). Visual MODFLOW incorporates the U.S. Geological Survey code of MODFLOW (Harbaugh and others, 2000) and will be used to conduct the groundwater flow simulations.

  After the groundwater flow has been calibrated and modeled, MODPATH will be used to verify potential source areas. MODPATH uses the groundwater velocities calculated by MODFLOW to determine groundwater flow vectors and/or particle tracks. This is useful in evaluating groundwater flow directions from tracks made by hypothetical particles that are placed within the simulated aquifer; hence the term "particle tracking" transport model. The tracks can be assigned time steps to approximate advective groundwater flow time.

  Finally, transport scenarios will be evaluated using MT3DMS (Version 5.2, Zheng and Wang, 1999); a modular three dimensional multi species transport model for simulation of advection, dispersion, and chemical reactions of contaminants in groundwater systems (Visual MODFLOW electronic documentation).

  All three model codes are in the public domain; MODFLOW and MODPATH were developed by the U.S. Geological Survey (USGS), and MT3DMS was developed for the U.S. Army Corps of Engineers.

Risk Reduction Standard (RRS) evaluation is on-going to develop site RRSs in accordance with the VRP Act.

To develop Site RRSs, URS will employ the program SESOIL. SESOIL was developed by the EPA and is commonly used to establish site-specific cleanup criteria. Because no interface exists

for the freely available EPA code, URS will use the commercially available program SEVIEW, which incorporates the SESOIL code, to establish the site-specific goals.

Once the draft RRSs for the Site are completed, it is anticipated that these will be discussed with GEPD prior to submitting for approval.

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 2013.

The next semi-annual progress report will be submitted on September 9, 2013.

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 – August 2012 Groundwater Sampling Event
Attachment 2 – Schedule
Attachment 3 – Access Agreement MW-48S

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 — March 4, 2013

Printed Name and GA PE/PG Number — Date

Signature and Stamp

CANDACE BEAUVAIS
NO. 2067
REGISTERED PROFESSIONAL GEOLIGIST

URS

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**
11/09/12	8	RRS evaluation and review
11/16/12	18	RRS evaluation and review
11/23/12	5.5	Groundwater modeling
11/30/12	5	Groundwater modeling
12/14/12	5	Groundwater modeling
1/18/13	3	Groundwater modeling
2/8/13	4	Groundwater modeling
2/15/13	16	Review groundwater sampling results; database maintenance; review of figures.. Review draft progress report.
Total	**64.5**	

DESCRIPTION OF SERVICES SINCE SEPTEMBER 9, 2012

Services provided included groundwater model set up initiation; review of August 2012 groundwater sampling results and associated data; review and evaluation of site Risk Reduction Standards (RRS) and Progress Report review.

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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 March 9, 2013

File Path: S:\PCS Joint Venture Ltd\Deliverables\Moultrie FFF\Progress_Report

ATTACHMENT 1

ATTACHMENT 1

AUGUST 2012 GROUNDWATER SAMPLING EVENT

One of the components of the VIRP is semi-annual groundwater sampling. Sampling was conducted August 20-26, 2012. The results for the August 2012 sampling event are reported in this Semi-Annual Progress Report dated March 9, 2013.

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 August 2012 sampling event. Monitoring well constructions details are presented in **Table 1**. Monitoring well locations are shown on **Figure 2.**

Field activities conducted for the semi-annual groundwater sampling event followed the approved March 2010 Groundwater Monitoring Plan and sampling protocols and procedures outlined in the VIRP. Specific procedures for the various activities are summarized below.

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 data and the collection of the groundwater sample, the depth of each monitoring well was measured and 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 water-bearing zones of the Upper Confining Unit are presented in **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 reached 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) was recorded in a bound logbook: time, temperature, specific conductance, DO, pH, ORP, turbidity, color, odor, and depth to water. In addition, purge start time, tubing placement and purge rate were 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 August 20 through 26, 2012. 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 August 2012 sampling event is presented in **Table 3**. **Figure 2** shows the approximate locations of the monitoring wells. Duplicate field-filtered groundwater samples were collected at 10 locations where 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 containerized in labeled 55-gallon drums and temporarily staged at a secure on-site location. On September 4, 2012, Clark Environmental, Inc., transported and disposed the purge water from sampling at Clark's Mulberry, Florida facility.

1.6 COCS AND ANALYTICAL METHODS

All groundwater samples were sent under chain-of-custody form 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 B.**

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 key 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:

For copper, sampling to be continued at MW-29S and MW-30S;

For mercury, sampling to be continued at MW-29S and MW-35S;

For zinc, sampling to be continued at MW-6S-R and MW-42S

Table 6 reflects the current sampling plan for the Site.

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).

1.8.1 Arsenic

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

- MW-3S (0.35 mg/L),
- MW-4S (0.032 mg/L),
- MW-6S-R (0.57 mg/L),
- MW-9S-R (0.055 mg/L),
- MW-12S (0.16 mg/L),
- MW-15S (0.066 mg/L),
- MW-19S (0.024 mg/L),
- MW-32I (0.071 mg/L),
- MW-36S (0.055 mg/L),
- MW-42S (0.029 mg/L),
- MW-43S (0.012 mg/L),

- MW-45S (0.019 mg/L),
- FFFW-2-R (0.018 mg/L),
- FFFW-3-R (0.020 mg/L), and
- MW-TP5S (0.09 mg/L)

Total arsenic concentrations in the shallow zone groundwater are depicted on **Figure 4**. The highest concentration is associated with MW-6S-R. This monitoring wells is north 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 groundwater samples collected from monitoring wells MW-1S-R, MW-5S-R, MW-7S-R, MW-11S, MW-13S-R, MW-34I, MW-42S, MW-49S, FFFW-4-R, and MW-TP5I were analyzed for arsenic. Concentrations of dissolved arsenic were below the Type 1 RRS for all field-filtered samples except MW-42S (0.029 mg/L).

1.8.2 Barium

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

- MW-29S (2.6 mg/L),
- MW-48S (2.7 mg/L),
- FFFW-2-R (4.3 mg/L), and
- 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 are 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.

Field-filtered groundwater samples collected from monitoring wells MW-42S and MW-49S were analyzed for barium. Concentrations of dissolved barium were below the Type 1 RRS for all field-filtered samples.

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 shallow zone monitoring wells:

- MW-3S (0.024 mg/L),
- MW-6S-R (0.041 mg/L),

- MW-7S-R (0.0054 mg/L),
- MW-12S (0.041 mg/L),
- MW-15S (0.0047 mg/L),
- MW-28S (0.005 mg/L),
- MW-29S (0.0059 mg/L),
- MW-32I (0.019 mg/L),
- MW-36S (0.0045 mg/L),
- MW-41S (0.0050 mg/L),
- MW-48S (0.0055 mg/L),
- FFFW-2-R (0.056 mg/L), and
- MW-TP5S (0.33 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 are 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 MW7I which had a detection equal to the RRS of 0.004 mg/L.

Field-filtered groundwater samples collected from monitoring wells MW-5S-R, MW-7S-R, MW-42S, MW-49S, and FFFW-4-R were analyzed for beryllium. Concentrations of dissolved beryllium were below the Type 1 RRS for all field-filtered samples except for MW-7S-R (0.0053 mg/L).

1.8.4 Cadmium

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

- MW-3S (0.012 mg/L),
- MW-4S (0.0066 mg/L),
- MW-6S-R (0.016 mg/L),
- MW-12S (0.0067 mg/L),
- MW-19S (0.0069 mg/L),
- MW-32I (0.0055 mg/L),
- MW-34S (0.017 mg/L), and

- MW-TP5S (0.018 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 groundwater samples collected from monitoring wells MW-5S-R, MW-42S, and MW-49S were analyzed for cadmium. Concentrations of dissolved cadmium were below the Type 1 RRS for all the field-filtered samples.

1.8.5 Copper

Copper was detected at a concentration that exceeded the Type 1 RRS of 1.3 mg/L in groundwater sample collected from shallow zone monitoring well:

- MW-3S (1.9 mg/L)

This monitoring well 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.

Field-filtered groundwater sample collected from monitoring well MW-49S was analyzed for copper. Concentrations of dissolved copper were below the Type 1 RRS for all the field-filtered samples.

1.8.6 Lead

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

- MW-3S (0.11 mg/L),
- MW-6S-R (0.16 mg/L),
- MW-9S-R (0.032 mg/L),
- MW-12S (0.051 mg/L),
- MW-15S (0.028 mg/L),
- MW-29S (0.074 mg/L),
- MW-32I (0.096 mg/L),
- MW-35S (0.017 mg/L),
- MW-36S (0.054 mg/L),
- MW-41S (0.035 mg/L),
- MW-48S (0.024 mg/L),
- FFFW-2-R (0.42 mg/L),
- FFFW-4-R (0.016 mg/L), and

- MW-TP5S (2.1 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 are 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 (0.043 mg/L). Total lead concentrations in the intermediate zone groundwater are depicted on **Figure 10**.

Field-filtered groundwater samples collected from monitoring wells MW-1S-R, MW-5S-R, MW-7S-R, MW-11S, MW-13S-R, MW-34I, MW-42S, MW-49S, FFFW-3-R, FFFW-4-R, and MW-TP5I were analyzed for lead. Concentrations of dissolved lead were below the RRS for all field-filtered samples except FFFW-4-R (0.019 mg/L).

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 shallow zone monitoring wells:

- MW-3S (0.32 mg/L),
- MW-6S-R (0.59 mg/L),
- MW-12S (0.24 mg/L),
- MW-32I (0.11 mg/L), and
- FFFW-2-R (0.12 mg/L)

Total nickel concentrations in the shallow zone groundwater are depicted on **Figure 11**. The highest concentration is associated with MW-6S-R 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 groundwater samples collected from monitoring wells MW-1S-R, MW-5S-R, MW-7S-R, MW-11S, MW-13S-R, MW-34I, MW-42S, MW-49S, FFFW-4-R, and MW-TP5I were analyzed for nickel. Concentrations of dissolved nickel were below the Type 1 RRS for all field-filtered samples.

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 (0.064 mg/L)

This monitoring well is associated with area of the former sulfuric acid plant. Total selenium concentrations in the shallow zone groundwater are depicted on **Figure 12**.

Selenium is not a COC in the intermediate zone.

Field-filtered groundwater sample collected from monitoring well MW-49S was analyzed for selenium. Concentrations of dissolved selenium were below the Type 1 RRS for all field-filtered samples.

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 (0.0047 mg/L)

This location is the area associated with the former wastewater pond location.

Thallium is not a COC in the intermediate zone.

Field-filtered groundwater sample collected from monitoring well MW-49S was analyzed for thallium. Concentrations of dissolved thallium were below the Type 1 RRS for all field-filtered samples.

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 shallow zone monitoring wells:

- MW-6S-R (3.2 mg/L),
- MW-19S (3.9 mg/L), and
- MW-34S (3.5 mg/L)

Zinc concentrations in the shallow zone groundwater are depicted on **Figure 13.** 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 groundwater samples collected from monitoring wells MW-34I, MW-42S, MW-49S, and MW-TP5I were analyzed for zinc. Concentrations of dissolved zinc were below the Type 1 RRS for all field-filtered samples except MW-42S (3.1 mg/L).

1.9 GROUNDWATER FIELD PARAMETERS

During purging, samples were analyzed in the field for oxidation reduction potential (ORP), dissolved oxygen (DO), pH, specific conductance, turbidity, and temperature. The field values measured were recorded in a bound logbook including color and odor. Additionally, the depth of water was measured at regular intervals to document drawdown in the well. Copies of groundwater sampling logs and field equipment calibration logs are provided as **Appendix A**.

1.10 QUALITY ASSURANCE / QUALITY CONTROL SAMPLE RESULTS

A quality assurance/quality control (QA/QC) review was performed for groundwater sample analytical data collected during the semi-annual groundwater sampling event. Results of the

laboratory quality control (QC) evaluation indicated that all samples were analyzed within the required holding times.

All samples were received by the laboratory in good condition and within acceptable temperature.

For sample MW-19S, the matrix spike/matrix spike duplicate (MS/MSD) recoveries 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.

Two equipment blanks (EQ-1 and EQ- 2) were collected during the groundwater sampling event. Each of the equipment blanks was analyzed for the 10 metals of concern. Barium in both EQ-1 and EQ-2 samples were detected at 0.0031 mg/L and 0.0015 mg/L, respectively. Copper (0.0012 mg/L) and lead (0.00021 mg/L) was also detected in EQ-1. All were qualified with a "J". The "J" qualifier indicates that the result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.

Six duplicate samples [DUP-1 (MW-6S-R); DUP-2 (MW-29S); DUP-3 (MW-3S); DUP-4 (MW-TP5S); DUP-5 (MW-36S); and DUP-6 (MW-34S)] were collected during the August 2012 sampling event. Relative percent differences (RPDs) were calculated. An 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:

- Arsenic had a high RPD of 40 percent and 95 percent when comparing the groundwater results from MW-6S-R and DUP-1, and MW-29S and DUP-2, respectively.
- Barium had a high RPD of 11 percent when comparing the groundwater results from MW-TP-5S and DUP-4.
- Beryllium had a high RPD of 11 percent when comparing the groundwater results from MW-29S and DUP-2.
- Cadmium had a high RPD of 17 percent when comparing the groundwater results from MW-6S-R and DUP-1.
- Copper had a high RPD of 23 percent when comparing groundwater results from MW-29S and DUP-2.
- Mercury had a high RPD of 11 percent when comparing groundwater results from MW-29S and DUP-2.
- Nickel had a high RPD of 22 percent when comparing groundwater results from MW-29S and DUP-2.

A summary of QA sample analyses is presented in **Table 4**. In addition to the field QC samples, the laboratory conducted 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 August 2012 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 August 2012 for both the shallow and intermediate portions of the water-bearing zone, respectively.

It appears that the bulk of the concentration mass centers on four wells, MW-3S, MW-12S, MW-6S-R, 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
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

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

NM = Not Measured
ND = Not Documented
NA = Not Available
NI = Not Installed

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

Notes:
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Elev. = Elevation
DTW = Depth To Water

NM = Not Measured
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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

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

NM = Not Measured
ND = Not Documented
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

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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

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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

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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

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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

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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
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
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
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
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

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
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
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
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
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

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
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
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
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
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

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-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
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
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
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
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
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

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-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
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
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
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

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-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
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
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
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
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
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
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

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-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
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
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
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
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
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
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
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

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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-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
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
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
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
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
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
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
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
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

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
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
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
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
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
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
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
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
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
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

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
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
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
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
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
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

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
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
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
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
SUMMARY OF QUALITY ASSURANCE GROUNDWATER SAMPLES - AUGUST 2012
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well 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	8/26/2012	0.0013 U	0.0031 J	0.00025 U	0.000095 U	0.0012 J	0.00021 J	NA	0.0020 U	0.0010 U	0.00050 U	0.0083 U
EQ-Blank-2	8/26/2012	0.0013 U	0.0015 J	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
MW-6S-R	8/22/2012	**0.570**	NA	**0.041**	**0.016**	NA	**0.160**	NA	**0.590**	NA	NA	**3.200**
DUP-1	8/22/2012	**0.380**	NA	**0.040**	**0.019**	NA	**0.150**	NA	**0.620**	NA	NA	**3.200**
RPD		40%	NA	2%	17%	NA	6%	NA	5%	NA	NA	0%
MW-29S	8/21/2012	0.0032	**2.600**	**0.0059**	NA	0.019	**0.074**	0.00076	0.016	NA	NA	NA
DUP-2	8/21/2012	0.0090	**2.700**	**0.0066**	NA	0.024	**0.075**	0.00068	0.020	NA	NA	NA
RPD		95%	4%	11%	NA	23%	1%	11%	22%	NA	NA	NA
MW-3S	8/22/2012	**0.350**	0.014	**0.024**	**0.012**	**1.900**	**0.110**	NA	**0.320**	**0.064**	NA	1.800
DUP-3	8/22/2012	**0.350**	0.014	**0.025**	**0.013**	**1.900**	**0.110**	NA	**0.320**	**0.068**	NA	1.900
RPD		0%	0%	4%	8%	0%	0%	NA	0%	6%	NA	5%
MW-TP5S	8/26/2012	**0.090**	**47.000**	**0.330**	**0.018**	NA	**2.100**	NA	**0.800**	0.012	**0.0047**	1.900
DUP-4	8/26/2012	**0.084**	**42.000**	**0.320**	**0.017**	NA	**2.100**	NA	**0.740**	0.011	**0.0047**	1.800
RPD		7%	11%	3%	6%	NA	0%	NA	8%	9%	0%	5%
MW-36S	8/22/2012	**0.055**	NA	**0.0045**	NA	NA	**0.054**	NA	0.022	NA	NA	NA
DUP-5	8/22/2012	**0.055**	NA	**0.0048**	NA	NA	**0.055**	NA	0.023	NA	NA	NA
RPD		0%	NA	6%	NA	NA	2%	NA	4%	NA	NA	NA
MW-34S	8/25/2012	**0.0064**	NA	NA	**0.017**	NA	0.0061	NA	**0.099**	NA	NA	**3.500**
DUP-6	8/25/2012	**0.0061**	NA	NA	**0.017**	NA	0.0057	NA	**0.099**	NA	NA	**3.200**
RPD		5%	NA	NA	2%	NA	7%	NA	0%	NA	NA	9%

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
RPD = Relative Percent Difference

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
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
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
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

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	1.300	**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	**1.400**	**0.120**	NA	**0.260**	0.048	NA	NA	NA	1.700
	8/22/2012	NA	**0.350**	0.014	**0.024**	**0.012**	NA	**1.900**	**0.110**	NA	**0.320**	**0.064**	NA	NA	NA	1.800
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
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
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

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**
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
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
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	**2.500**	**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	**2.100**	**0.0046**	NA	NA	NA	**0.049**	NA	0.012	NA	NA	NA	NA	NA
	8/23/2012	NA	0.0027	1.700	0.0040	NA	NA	NA	**0.043**	NA	0.0087	NA	NA	NA	NA	NA
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

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-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
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
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
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
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

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-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	1.200
	8/23/2012	NA	**0.160**	1.300	**0.041**	**0.0067**	NA	0.340	**0.051**	NA	**0.240**	0.023	NA	0.0015	NA	1.400
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
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
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
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

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-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
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
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
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	**5.000**
	3/15/2012	NA	**0.018**	NA	NA	**0.0069**	NA	NA	0.00020 U	NA	0.046	NA	NA	NA	NA	**4.300**
	8/25/2012	NA	**0.024**	NA	NA	**0.0069**	NA	NA	0.0017	NA	0.054	NA	NA	NA	NA	**3.900**

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
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
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
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

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
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
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
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
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
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	1.60	**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	**3.100**	**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	**3.100**	**0.00710**	NA	NA	0.021	**0.081**	0.00084	0.019	NA	NA	NA	NA	NA
	8/21/2012	NA	0.0032	**2.600**	**0.0059**	NA	NA	0.019	**0.074**	0.00076	0.016	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	**3.10**	**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	1.900	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	**2.100**	0.0032	NA	NA	0.0021 J	0.012	NA	0.0110	NA	NA	NA	NA	NA
	8/21/2012	NA	0.0013 U	2.000	0.0031	NA	NA	0.0066	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
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
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
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
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	**8.600**
	3/15/2012	NA	0.0092	NA	NA	**0.039**	NA	NA	**0.029**	NA	**0.230**	NA	NA	NA	NA	**19.000**
	8/25/2012	NA	0.0064	NA	NA	**0.017**	NA	NA	0.0061	NA	0.099	NA	NA	NA	NA	**3.500**

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-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
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	2.000	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	**2.200**	NA	NA	NA	NA	**0.017**	0.00034	0.011	NA	NA	NA	NA	NA
	8/21/2012	NA	0.0013 U	2.000	NA	NA	NA	NA	**0.017**	0.00012 J	0.011	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
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
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
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

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-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
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
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**
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
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
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
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
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
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	**2.700**	**0.0055**	0.00049 J	NA	0.014	**0.024**	NA	0.015	0.0019 J	NA	0.00053 J	NA	0.065
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

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-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
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	2.000	**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**	**3.900**	**0.062**	0.0041	NA	NA	**0.380**	NA	**0.110**	NA	NA	0.00160	NA	0.260
	8/26/2012	NA	**0.018**	**4.300**	**0.056**	0.0043	NA	NA	**0.420**	NA	**0.120**	NA	NA	0.0016	NA	0.260
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
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

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
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
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
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

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-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
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
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**	**29.000**	**0.300**	**0.016**	NA	0.310	**2.200**	NA	**0.590**	**0.130**	NA	**0.0050**	0.038 U	**2.800**
	3/20/2012	NA	**0.160**	**39.000**	**0.320**	**0.020**	NA	NA	**1.500**	NA	**0.590**	0.045	NA	**0.0034**	NA	1.700
	8/26/2012	NA	**0.090**	**47.000**	**0.330**	**0.018**	NA	NA	**2.100**	NA	**0.800**	0.012	NA	**0.0047**	NA	1.900
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
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.

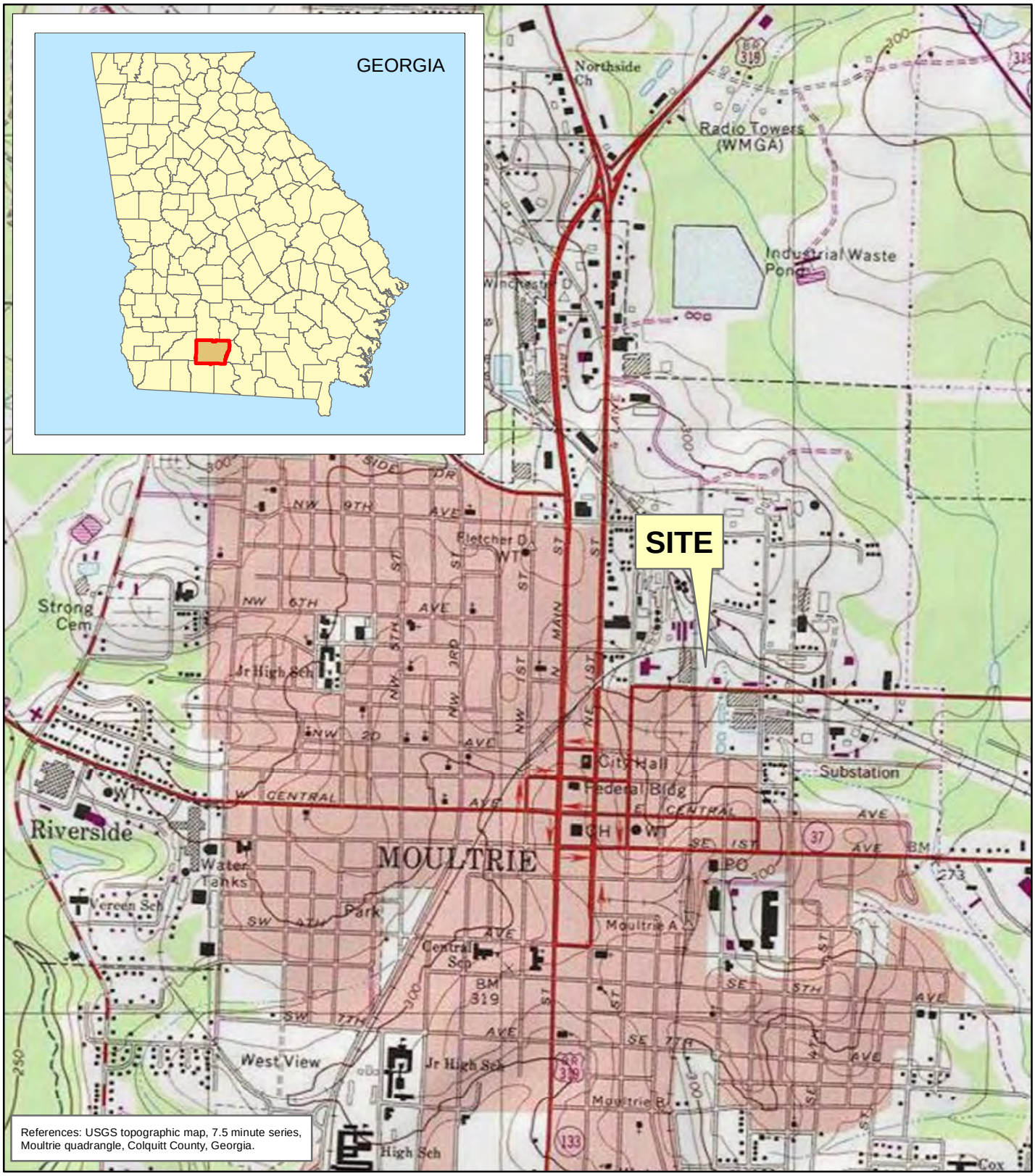
J4 - the sample matrix interfered with the ability to make an accurate determination.

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.

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

Approximate Site Boundary

Railroad

Coordinate System:
NAD 1983 Stateplane Georgia West, Feet

N

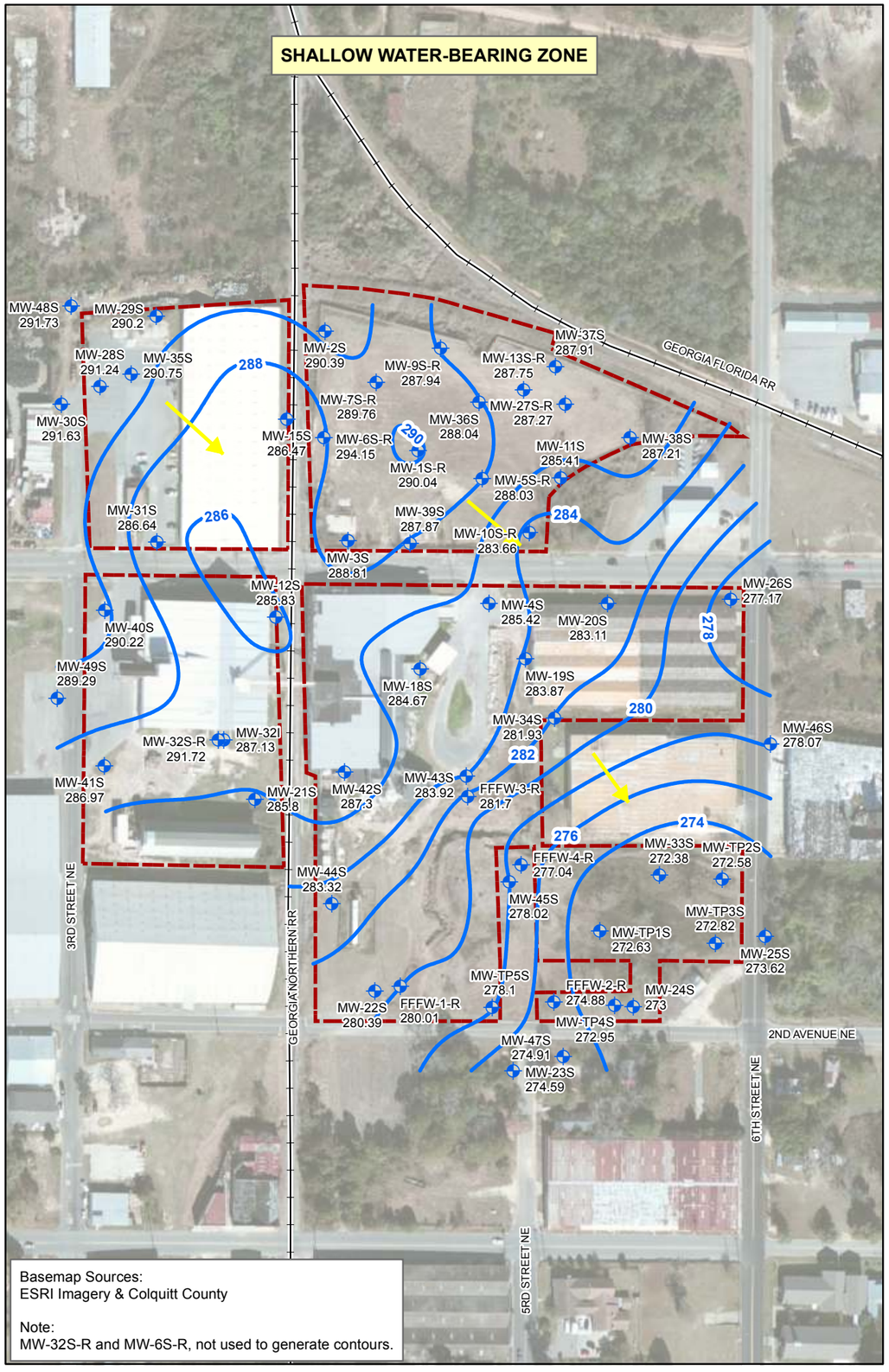
100 50 0 100 Feet

25 12.5 0 25 Meters

Figure
2

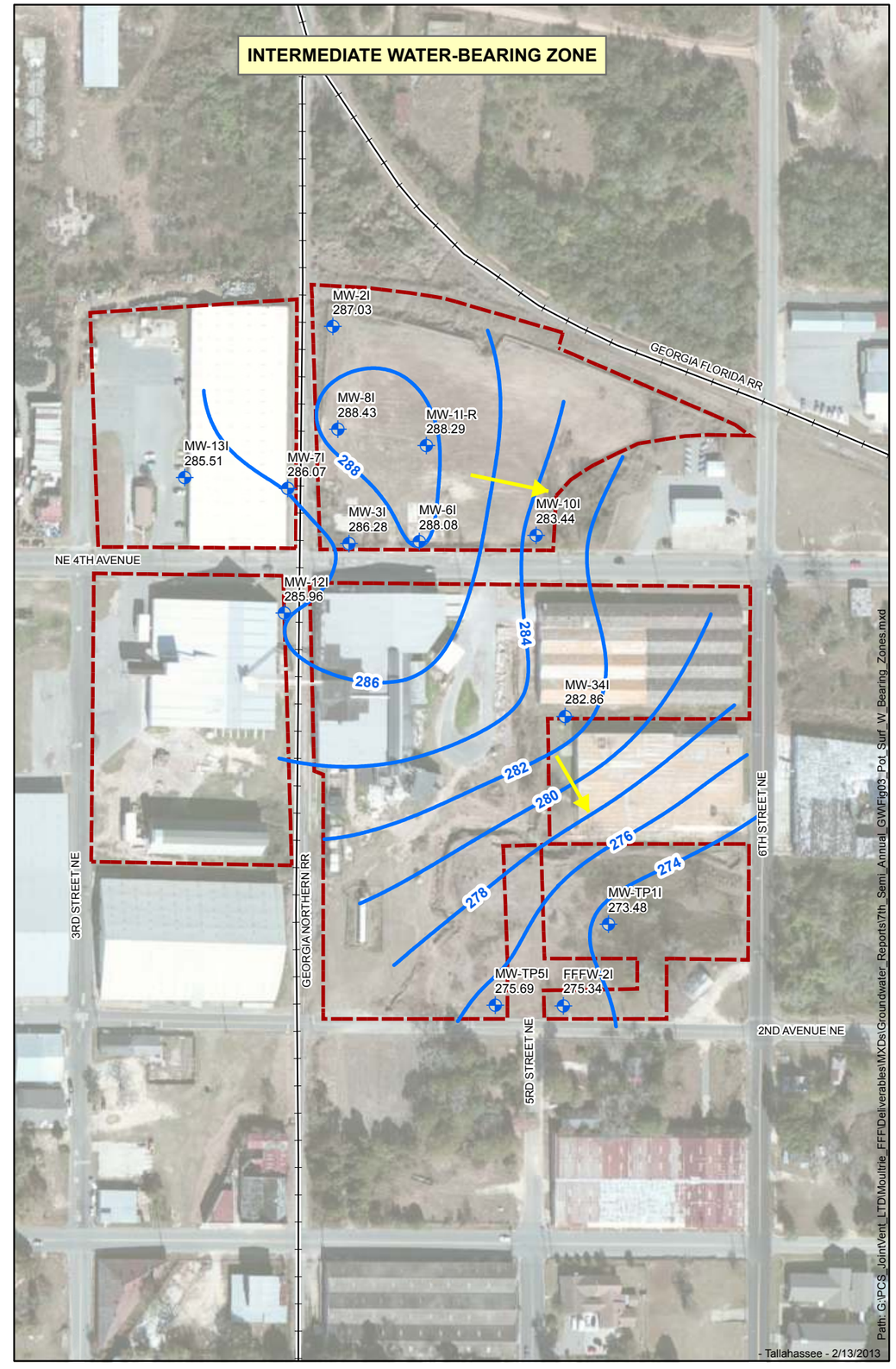
SITE MONITORING WELL LOCATIONS

URS
Tallahassee, Florida



Basemap Sources:
ESRI Imagery & Colquitt County

Note:
MW-32S-R and MW-6S-R, not used to generate contours.



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

MW-3I Monitoring Well ID
286.11 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

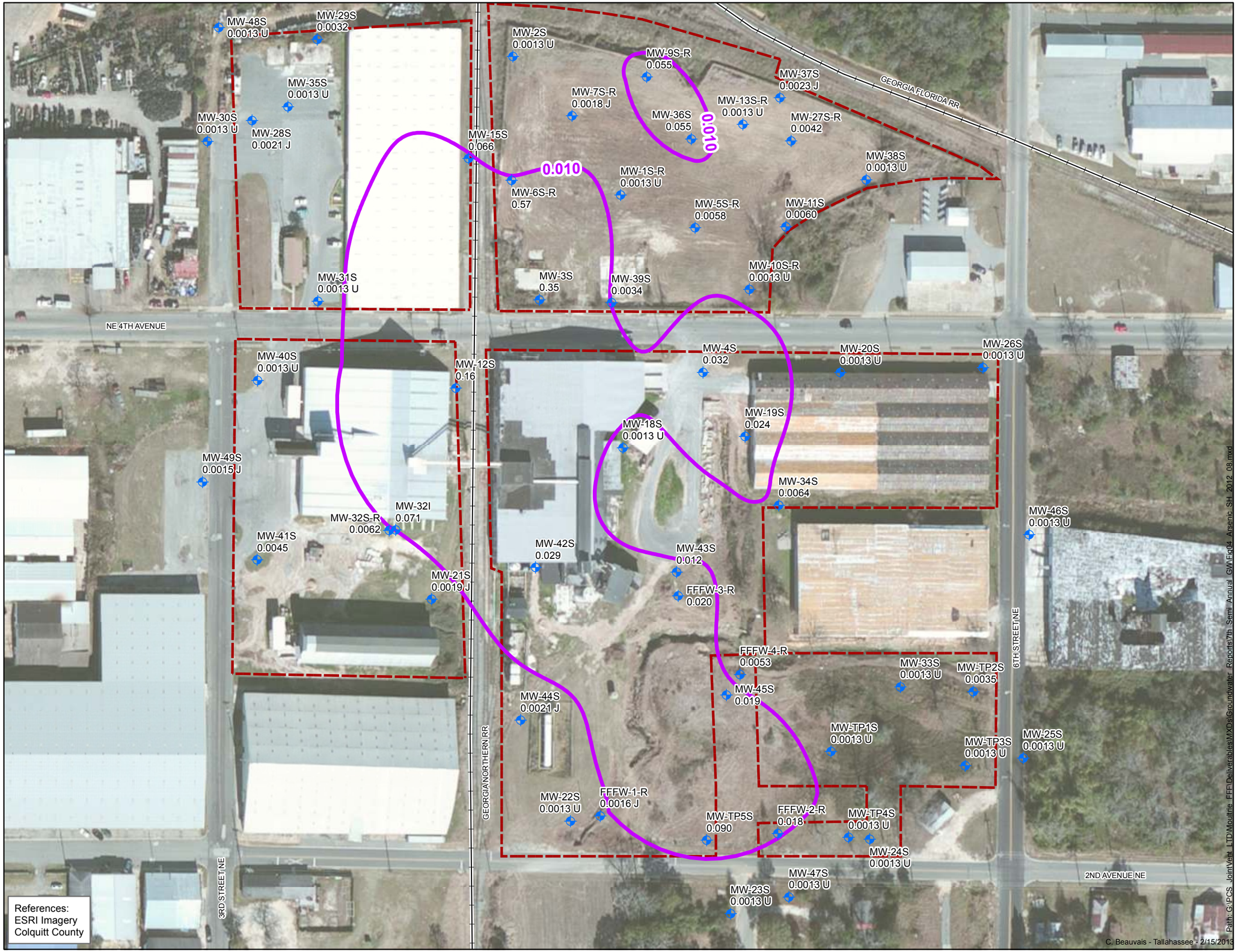
200 100 0 200 Feet

50 25 0 50 Meters

Figure
3

POTENTIOMETRIC SURFACES OF UPPER CONFINING UNIT WATER-BEARING ZONES
MARCH 12, 2012

URS
Tallahassee, Florida



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

MW-30S Monitoring Well ID
0.0013U Arsenic Concentration (mg/L)

Arsenic Isocontour, mg/L

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

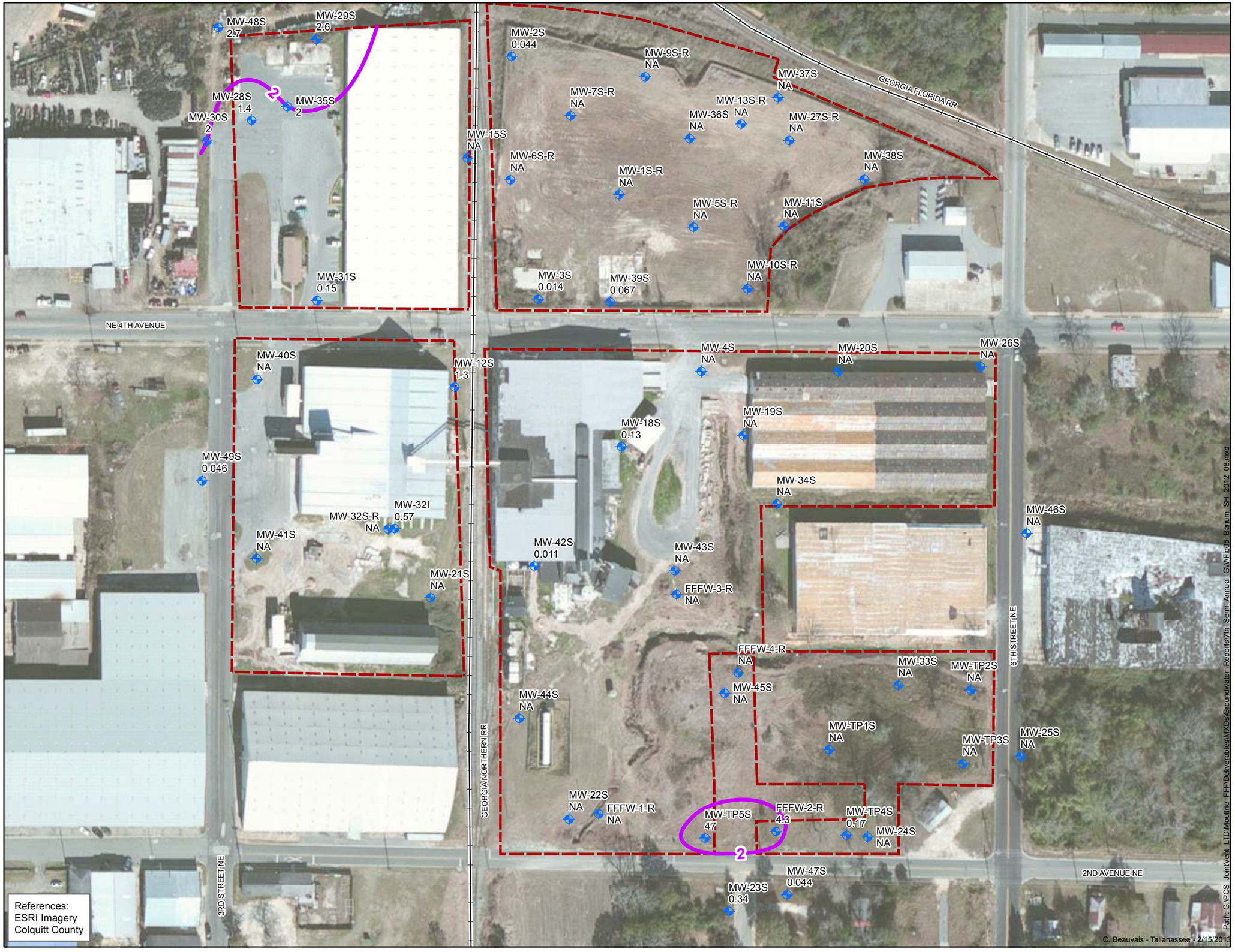
100 50 0 100 Feet

25 12.5 0 25 Meters

Figure
4

ARSENIC CONCENTRATIONS IN GROUNDWATER SHALLOW WATER-BEARING ZONE AUGUST 2012

URS
Tallahassee, Florida



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

MW-30S Monitoring Well ID
2 Barium Concentration (mg/L)

Barium Isocontour, mg/L

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

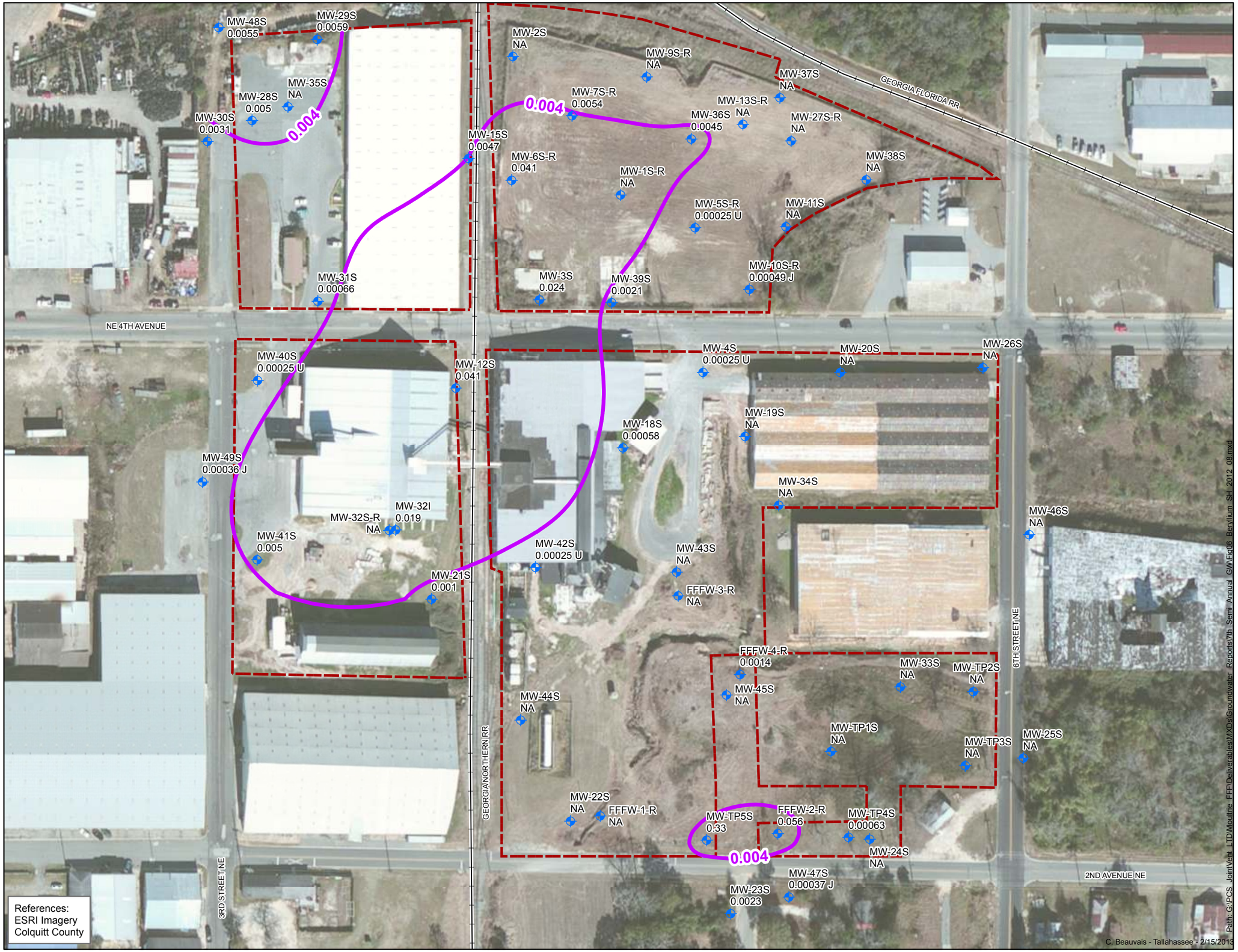
100 50 0 100 Feet

25 12.5 0 25 Meters

Figure
5

BARIUM CONCENTRATIONS IN GROUNDWATER SHALLOW WATER-BEARING ZONE AUGUST 2012

URS
Tallahassee, Florida



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

MW-30S Monitoring Well ID
0.0031 Beryllium Concentrations (mg/L)

Beryllium Isocontour, mg/L

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

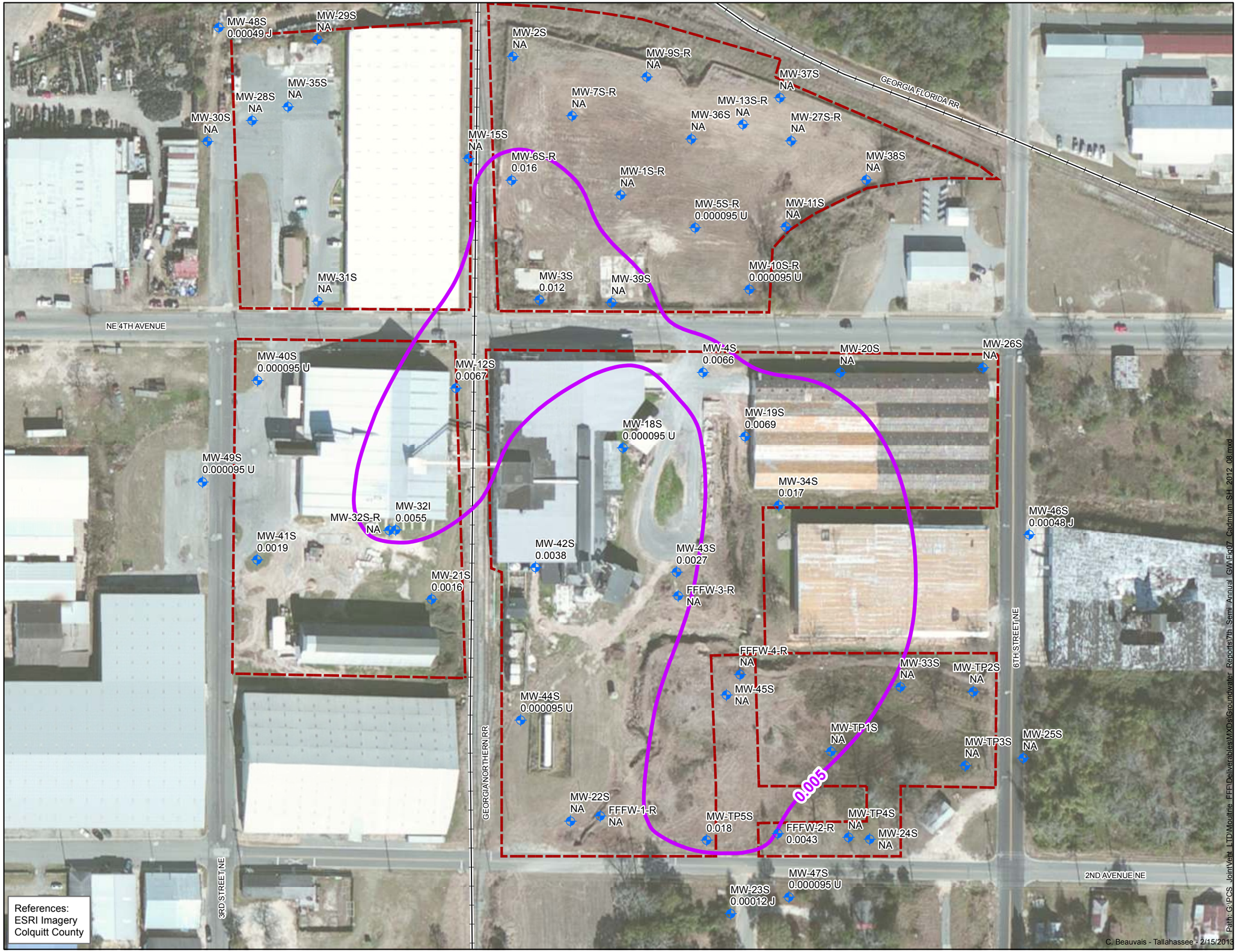
N

100 50 0 100 Feet

25 12.5 0 25 Meters

Figure
6
BERYLLIUM CONCENTRATIONS IN GROUNDWATER SHALLOW WATER-BEARING ZONE AUGUST 2012

URS
Tallahassee, Florida



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

MW-3S Monitoring Well ID
0.012 Cadmium Concentrations (mg/L)

Cadmium Isocontour, mg/L

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 GROUNDWATER SHALLOW WATER-BEARING ZONE AUGUST 2012

URS
Tallahassee, Florida

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

MW-3S Monitoring Well ID
1.9 Copper Concentrations (mg/L)

Copper Isocontour, mg/L

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

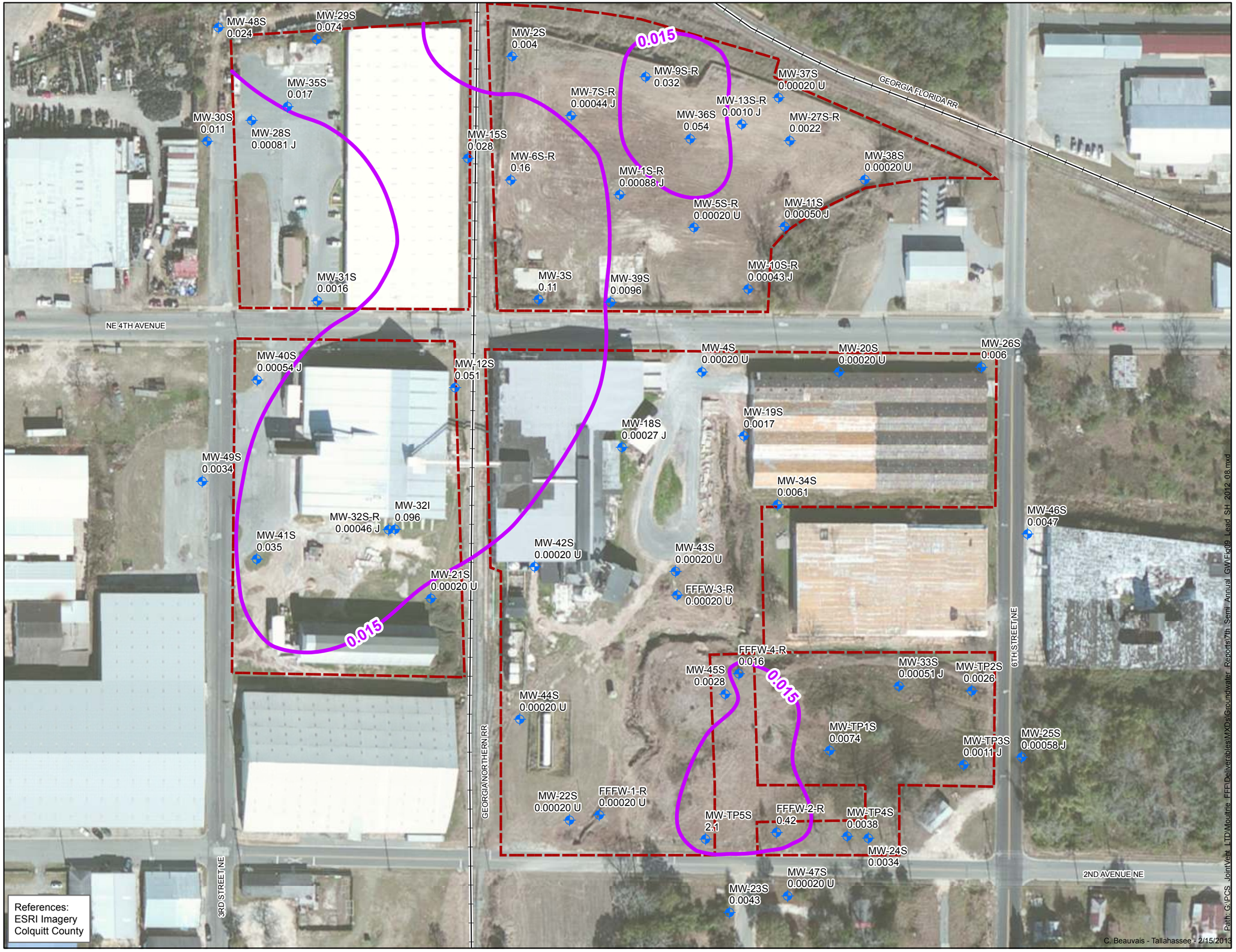
N

100 50 0 100 Feet

25 12.5 0 25 Meters

Figure
8
COPPER CONCENTRATIONS IN GROUNDWATER SHALLOW WATER-BEARING ZONE AUGUST 2012

URS
Tallahassee, Florida



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

MW-3S Monitoring Well ID
0.11 Lead Concentrations (mg/L)

Lead Isocontour, mg/L

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 GROUNDWATER SHALLOW WATER-BEARING ZONE AUGUST 2012

URS
Tallahassee, Florida

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

MW-3I Monitoring Well ID
0.0021 Lead Concentrations (mg/L)

Lead Isocontour, mg/L

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

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

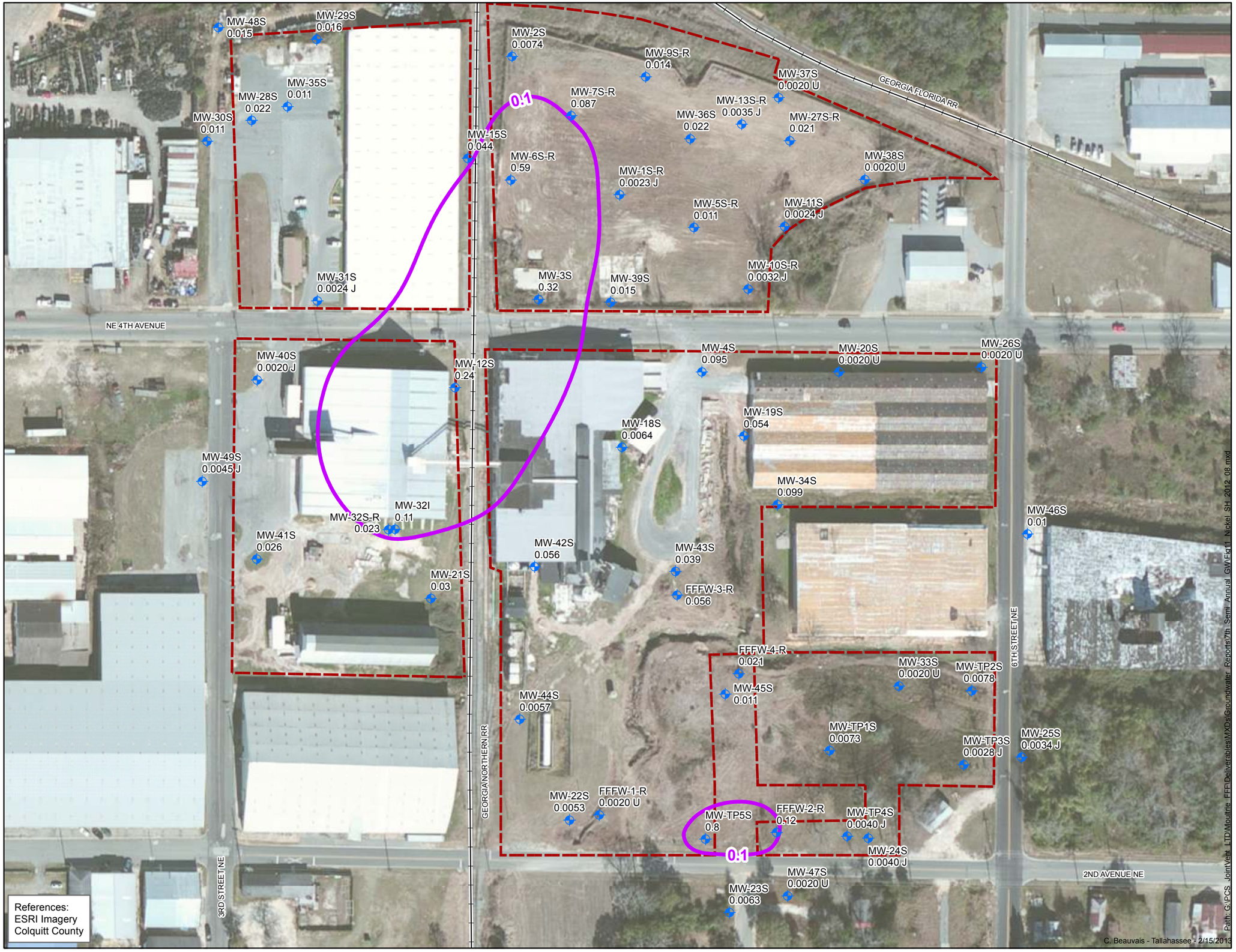
N

100 50 0 100 Feet

25 12.5 0 25 Meters

Figure
10
LEAD CONCENTRATIONS IN GROUNDWATER INTERMEDIATE WATER-BEARING ZONE AUGUST 2012

URS
Tallahassee, Florida



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

MW-3S Monitoring Well ID
0.32 Nickel Concentrations (mg/L)

Nickel Isocontour, mg/L

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
11
NICKEL CONCENTRATIONS IN GROUNDWATER SHALLOW WATER-BEARING ZONE AUGUST 2012

URS
Tallahassee, Florida

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

MW-3S Monitoring Well ID
0.064 Selenium Concentration (mg/L)

Selenium Isocontour, mg/L

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
12
SELENIUM CONCENTRATIONS IN GROUNDWATER SHALLOW WATER-BEARING ZONE AUGUST 2012

URS
Tallahassee, Florida

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

MW-3S Monitoring Well ID
1.8 Zinc Concentration (mg/L)

Zinc Isocontour, mg/L

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
13
ZINC CONCENTRATIONS IN GROUNDWATER SHALLOW WATER-BEARING ZONE AUGUST 2012

URS
Tallahassee, Florida

APPENDIX A

CALIBRATION LOG

DATE: 8/21/2012 LOCATION: FFF Moultrie, Georgia JOB #: 128061 24

YSI 556 MPS s/n: 12B101632 HACH s/n: 110800011521

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	8/21/2012	0707	1.008225	8.62	22.80	100.0	8.611	pass	AB
ICV	8/21/2012	0725		8.88	21.96	101.4	8.744	pass	AB
CCV	8/22/2012	0652		8.89	22.72	102.8	8.627	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	8/21/2012	0712	**1409 µS/cm**	A103-04	4/14/13	1409	1.019252	—		AB
ICV	8/21/2012	0737	**1409 µS/cm**	A103-04	4/14/13	1398			pass	AB
CCV	8/22/2012	0656	717 µS/cm	A105-08	4/15/13	707			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	8/21/2012	0647	**7.00 su**	A153-21	6/3/13	-4.9	7.00	-4.9	0.0		
CAL	8/21/2012	0651	**4.00 su**	0273-14	10/1/12	162.4	4.00	167.5	0.1		AB
CAL	8/21/2012	0656	**10.00 su**	2030583	3/30/14	-166.1	9.98	-166.2	0.1		
ICV	8/21/2012	0700	**7.00 su**	A153-21	6/3/14		7.04 AB			pass	AB
CCV	8/22/2012	0702	4.00 su	0273-14	10/1/12		4.0~~6~~5			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	8/21/2012	0720	~~0720~~ 21.96	234.44			234.9			AB
ICV	8/21/2012	0746	22.09	234.78			234.3		pass	AB
CCV	8/22/2012	0707	24.08	232.20			229.4		pass	AB

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL	8/21/2012	0754	**10.00 ntu**	A1243	Aug-2012	9.44		AB
ICV	8/21/2012	0801	**10.00 ntu**	A1249	Sept-2012	10.1	pass	AB
CCV	8/22/2012	0712	10.00 ntu	A1249	Sept 2012	10.4	pass	AB

31.33540

CALIBRATION LOG

DATE: 8/21/12 LOCATION: FFF Moultrie, Georgia JOB #: 12806124

YSI 556 MPS s/n: 11J101187 HACH s/n: 10080C003867

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	8/21/12	0707	0.989068	8.63	22.73	100.0	8.627	Pass	BC
ICV	8/21/12	0725		7.89	22.5	89%	8.660	Fail	BC
~~CCV~~ CAL	8/21/12	0740		8.74	22.02	100	8.744	Pass	BC
ICV	8/21/12	0749		8.52	22.50	98.5	8.660	Pass	BC

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	8/21/12	0712	1409 µS/cm	A103-04	4/14/13	1409	1.050655	—		BC
ICV	8/21/12	0753	1409 µS/cm	A103-04	4/14/13	1449			Pass	BC
CCV	see other sheet									

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	8/21/12	0647	7.00 su	A153-21	6/3/13	-9.6	7.00	-9.6	0		BC
CAL	8/21/12	0651	4.00 su	0273-14	10/1/12	153.0	4.00	152.8	0.2		BC
CAL	8/21/12	0656	10.00 su	2030583	3/30/12	-162.5	9.97	-163.0	0.5		BC
ICV	8/21/12	0700	7.00 su	A153-21	6/3/12		7.16			Pass	BC
CCV	see other sheet										

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	8/21/12	0720	22.12	234.74			234.8	39.912/2		BC
ICV	8/21/12	0751	22.01	234.88			234.7		Pass	BC
CCV	see other sheet									

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL	8/21/12	0804	20.0 ~~10.00~~ ntu	A1249	Sept 12	19.9		BC
ICV	8/21/12	0805	10.00 ntu	A1249	Sept 12	9.64	Pass	BC
CCV	see other sheet					~~10.3~~		

CALIBRATION LOG

DATE: 8/22/2012 LOCATION: FFF Moultrie, Georgia JOB #:
YSI 556 MPS s/n: 11J101187 HACH s/n: 100806003867

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	8/22/2012	0647		8.61	23.09	100.4	8.562	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			**1409 µS/cm**	A103-04	4/14/13					
ICV			**1409 µS/cm**	A103-04	4/14/13					
CCV	8/22/2012	0657	717 µS/cm	A105-08	4/15/13	725			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	8/22/2012	0702	4.00 su	0273-14	10/1/12		4.14			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	8/22/2012	0705	24.17	232.08			230.1		pass	AB

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL			**10.00 ntu**					
ICV			**10.00 ntu**					
CCV	8/22/2012	0713	10.00 ntu	A1249	Sept 2012	9.96	pass	AB

CALIBRATION LOG

DATE: 8/23/2012 LOCATION: FFF Moultrie, Georgia JOB #:

YSI 556 MPS s/n: 12B101632 HACH s/n: 110800011521

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	8/23/2012	0655		8.84	22.78	102.5	8.611	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			**1409 µS/cm**							
ICV			**1409 µS/cm**							
CCV	8/23/2012	0659	1409 µS/cm	A103-04	4/14/13	1472			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	8/23/2012	0703	10.005	2030583	3/30/14		10.15			pass1	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	8/23/2012	0707	23.81	232.55			229.2		pass	AB

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL			**10.00 ntu**					
ICV			**10.00 ntu**					
CCV	8/23/2012	0709	10.00 ntu	A1249	Sept 2012	9.60	pass	AB

CALIBRATION LOG

DATE: 8/23/2012 LOCATION: FFF Moultrie, Georgia JOB #:

YSI 556 MPS s/n: 11J101187 HACH s/n: 100800003867

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	8/23/2012	0656		8.22	23.64	97.0	8.482	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			**1409 µS/cm**							
ICV			**1409 µS/cm**							
CCV	8/23/2012	0659	1409 µS/cm	A103-04	4/14/13	1429			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	8/23/2012	0703	10.00su	2030583	3/30/04		10.13			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	8/23/2012	AB ~~8/~~ 0708	23.80	232.56			225.5		pass	AB

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL			**10.00 ntu**					
ICV			**10.00 ntu**					
CCV	8/23/2012	0711	10.00ntu	A1249	Sept 2012	10.2	pass	AB

CALIBRATION LOG

DATE: 8/24/2012 LOCATION: FFF Moultrie, Georgia JOB #:
YSI 556 MPS s/n: 11J101187 HACH s/n: 110800011521

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	8/24/2012	0647		8.89	20.51	98.8	9.003	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			**1409 µS/cm**							
ICV			**1409 µS/cm**							
CCV	8/24/12	0652	717 µS/cm	A105-08	4/15/13	702			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	8/24/12	0655	7.00 su	A153-21	10/3/13		7.17				

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	8/24/2012	0659	21.16	235.99			234.0		pass	AB

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL			**10.00 ntu**					
ICV			**10.00 ntu**					
CCV	8/24/2012	0703	10.00ntu	A1249	Sept 2012	10.7	pass	AB

CALIBRATION LOG

DATE: 8/24/2012 LOCATION: FFF Moultrie, Georgia JOB #:

YSI 556 MPS s/n: 12B101632 HACH s/n: 100 80 C003867

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	8/24/2012	0650		9.28	20.44	103.2	9.021	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			**1409 µS/cm**							
ICV			**1409 µS/cm**							
CCV	8/24/2012	0654	717 µS/cm	A105-08	4/15/13	717			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	8/24/2012	0657	7.00 su	A153-21	10/3/13		7.06			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	8/24/2012	0700	21.15	236.01			233.60		pass	AB

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL			**10.00 ntu**					
ICV			**10.00 ntu**					
CCV	8/24/2012	0704	10.00 ntu	A1249	Sept 2012	10.9	pass	AB

CALIBRATION LOG

DATE: 8/25/2012 LOCATION: FFF Moultrie, Georgia JOB #:

YSI 556 MPS s/n: 11J101187 HACH s /n:

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	8/25/2012	0620		8.61	22.46	99.2	8.660	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			**1409 µS/cm**							
ICV			**1409 µS/cm**							
CCV	8/25/2012	0627	1409 µS/cm	A103-04	4/14/13	1420			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	8/25/2012	0631	4.00 su	0213-14	10/1/12		4.18			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	8/25/2012	0636	22.99	233.36			226.1		pass	AB

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL			**10.00 ntu**					
ICV			**10.00 ntu**					
CCV	8/25/2012	0638	10.00 ntu	A1249	Sept 2012	10.3	pass	AB

CALIBRATION LOG

DATE: 8/25/2012 LOCATION: FFF Moultrie, Georgia JOB #:

YSI 556 MPS s/n: 12310632 HACH s /n:

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	8/25/2012	0625		8.99	22.22	103.9	8.710	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			**1409 µS/cm**							
ICV			**1409 µS/cm**							
CCV	8/25/2012	0628	1409 µS/cm	A103-04	4/14/13	1458			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	8/25/2012	0632	4.00su	027374	10/1/12		4.17			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	8/25/2012	0637	23.11	233.46			227.5		pass	AB

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL			**10.00 ntu**					
ICV			**10.00 ntu**					
CCV	8/25/2012	0638	10.00 ntu	A1249	Sept 2012	10.2	pass	AB

CALIBRATION LOG

DATE: 8/26/2012 LOCATION: FFF Moultrie, Georgia JOB #:

YSI 556 MPS s/n: 11J101187 HACH s /n:

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	8/26/2012	0815		8.67	22.25	99.6	8.693	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			**1409 µS/cm**							
ICV			**1409 µS/cm**							
CCV	8/26/12	0823	717 mS/cm	A105-08	4/15/13	712			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	8/26/12	0829	10.00 su	2030583	3/30/14		10.16			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	8/26/12	0835	22.02	234.9			159.2		~~Pass~~ Fail	AB

Recalibrated ORP

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL			**10.00 ntu**					
ICV			**10.00 ntu**					
CCV	8/26/12	0834	10.00 ntu	A1249	Sept 2012	10.2	pass	AB

CALIBRATION LOG

DATE: 8/26/2012 LOCATION: FFF Moultrie, Georgia JOB #: _____

YSI 556 MPS s/n: 12B101632 _____ s /n: _____

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	8/26/2012	0817		9.05	21.67	101.8	8.794	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			**1409 µS/cm**							
ICV			**1409 µS/cm**							
CCV	08/26/12	0822	717 µS/cm	A105-08	4/15/13	715			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	8/26/12	0828	10.005 su	2030583	3/30/14		10.12			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	8/26/12	0833	21.87				231.2		pass	AB

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL			**10.00 ntu**					
ICV			**10.00 ntu**					
CCV	8/26/12	0836	10.00 ntu	A1249	Sept 2012	10.1	pass	AB

CALIBRATION LOG

DATE: 8/26/2012 LOCATION: FFF Moultrie, Georgia JOB #:
YSI 556 MPS s/n: 12B101632 HACH s/n: 10080C003867

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	8/26/12	1752		7.51	29.44	98.3		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			**1409 µS/cm**							
ICV			**1409 µS/cm**							
CCV	8/26/12	1758	1409 µS/cm	A103-04	4/14/13	1462			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	8/26/12	1801	7.00 su	A153-21	6/3/13		7.02			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	8/26/12	1808	28.08	220.9			220.9		pass	AB

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL			**10.00 ntu**					
ICV			**10.00 ntu**					
CCV	8/26/12	1753	10.00 ntu	A1249	Sept 2012	10.8	pass	AB

CALIBRATION LOG

DATE: 8/26/2012 LOCATION: FFF Moultrie, Georgia JOB #:
YSI 556 MPS s/n: 11J101187 HACH s/n: 110800011521

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	8/26/12	~~8/26/12~~ 1752		7.72	28.03	98.6		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			**1409 µS/cm**							
ICV			**1409 µS/cm**							
CCV	8/26/12	~~8/26/12~~ 1758	1409 µS/cm	A103-04	4/14/13	1436			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		1801	**7.00 su**								
CCV	8/26/12	~~8/26/12~~	7.00 su	A153-21	6/3/13		7.10			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	8/26/12	1808	28.15	226.9			230.8		pass	AB

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL			**10.00 ntu**					
ICV			**10.00 ntu**					
CCV	8/26/12	1754	10.00 ntu	A1249	Sept 2012	10.3	pass	AB

(27) 8/20/2012 FFF Moultrie

1145 URS (A. Bryant & B. Cromer) on site

1150 Check in with Tad Williams & pick up gate key

1155 Health & Safety Meeting: slips, trips, falls, lightning, traffic, tool safety, wildlife & poisonous plants

Weather: 72°F High 79°F, raining & overcast, winds light & variable

1205 Drop off purge water drums

1220 Begin venting wells & Collecting water levels.

Well ID	DTW (ft)	Well ID	DTW (ft)
MW-48S	10.65	MW-12I	9.72
MW-30S	10.81	MW-12S	9.78
MW-28S	10.02	MW-1I	9.06
MW-35S	9.76	MW-15S	8.91
MW-29S	9.76	MW-6SR	6.19
MW-13I	13.78	MW-8I	11.51
MW-31S	10.88	MW-2S	2.42
MW-49S	3.90	MW-2I	6.12
MW-40S	8.20	MW-7SR	6.69
MW-41S	3.42	MW-9SR	5.63
MW-32I	9.26	MW-13SR	4.74
MW-32SR	4.84	MW-37S	4.65
MW-21S	2.87	MW-27SR	4.86

Decon water level w/ liquinox & DI water

FFF Moultrie 8/20/2012 (28)

Continue collecting water levels

WELL ID	DTW (ft)	Well ID	DTW (ft)
MW-38S	5.71	MW-22S	3.60
MW-11S	5.56	zip tie cut → MW-44S	7.12
MW-10SR	6.48	FFFW-1-R	6.35
MW-10I	6.23	MW-TP5S	10.23
MW-36S	5.14	MW-TP5I	15.83
MW-1IR	7.19	OW-TP5S-1	13.03
MW-1SR	5.50	RW-TP5S	13.27
OW-3S-R	5.37	OW-TP5S-2	11.34
OW-3S-1	7.86	FFFW-4-R	9.35
RW-3S	10.95	MW-45S	9.45
MW-3S	4.24	MW-TP1I	11.01
MW-3I	7.43	MW-TP1S	11.61
MW-6I	5.33	MW-23S	14.86
MW-39S	5.48	MW-47S	18.20
MW-5SR	5.24	FFFW-2I	17.63
MW-26S	9.43	FFFW-2-R	17.17
MW-20S	1.47	MW-TP4S	14.43
MW-4S	1.84	MW-24S	13.00
MW-18S	0.81	MW-TP3S	5.89
MW-43S	4.42	MW-25S	6.85
FFFW-3-R	6.36	MW-TP2S	5.71
MW-42S	2.67	MW-33S	8.07

Decon water level with liquinox & DI water

(29) FFF Moultrie 8/20/2012

Well ID	DTW (ft)
MW-46S	4.41
MW-34S	2.73
MW-34I	4.63
MW-19S	3.88

Decon water level

1845 Water levels Complete

1846 Verify water level at MW-35S
DTW = 9.77 ft Total Depth = 24.60 ft

1848 Verify water level at MW-30S
DTW = 10.82 ft, total depth = 38.97 ft

0855 Site secure & clean. URS Offsite

BCromer 8/20/2012

FFF Moultrie, GA 8/21/2012 (30)

0615 URS (A. Bryant + B. Cromer) on site
Weather: Foggy, overcast

Health & Safety meeting: slips, trips, falls, tool safety, ants/wasps/snakes, traffic & heat, lightning.

0620 Begin calibrating YSI 12B101632 + HACH 10080C003867 & YSI 11J101187 & HACH 11080C011521. YSI 11J101187 had bad DO probe, replaced probe & recalibrated

0815 off site for batteries for water level & YSI water & ice

0930 URS back on site, unload equipment

0950 B. Cromer off site to Tallahassee to pick up drums from EGS, pump & water level

1000 Set up on MW-35S & organize equipment.

** 0820 called TRS / Deb about silicone tubing not being included in the order, overnight tubing.

1035 Begin purge MW-35S at 0.09 gpm
well dia 2", tubing dia 1/4", screen int 15-25
DTW 9.82', PP, well vol 2.36 x 3 = 7.07 gal
tubing depth 12 feet

1040 Called Jeff Wagner about Mercury analysis + discussed water level + total depths on MW-35S + MW-30S taken on 8/20/2012. Need to shoot T&C for MW-35S
Called Test America Tim Preston to include Mercury in the 6020 analysis

TIME	TEMP	DO	SP COND	pH	ORP	TURB	DTW
1156	27.36	0.13	577	3.85	128.0	0.57	10.47
1159	27.47	0.13	576	3.84	128.7	0.46	10.47
1202	27.41	0.13	577	3.84	128.6	0.44	10.47

1210 Collect MW-35S for 6020 (site metals) + 7470A (Mercury)
clear w/no odor total vol purged 7.83 gal
Total Depth 24.61, decon water level

1215 Set up on MW-28S
well dia 2", tube dia 1/4", screen int 16-26, PP
DTW 10.17, well vol. 2.14 x 3 = 6.42, tube depth 12'

1226 Begin purge MW-28S at 0.07 gpm

TIME	TEMP	SP COND	DO	pH	ORP	TURB	DTW
1355	27.46	1696	0.07	4.67	112.6	3.89	11.39
1358	27.42	1710	0.07	4.66	110.9	3.76	11.39
1401	27.45	1721	0.07	4.64	109.3	3.69	11.39

1405 Collect MW-28S for 6020 (site metals)
clear with no odor, total vol purged 6.65,

Total Depth 23.56, decon water level w/liquinox

1350 B. Cramer on site with drums + equipment

1400 Set up on MW-29S, MW-30S, MW-48S

1430 Begin purge MW-30S at 0.07 gpm
well dia 2", tube dia 1/4", screen int 18.5-28.5, PP
DTW 10.81, well vol 4.54 x 3 13.61 gal, tube depth 13

1436 Begin purge MW-29S at 0.08 gpm

Time	Temp	DO	Sp. Cond	pH	ORP	Turb	DTW
1654	22.90	0.38	2115	3.53	165	0.83	10.2
1657	22.80	0.35	2112	3.55	165	0.78	10.2
1700	22.71	0.29	2109	3.54	164.9	0.29	10.2

1706 Collect MW-29S ~~for~~ BC & DUP-2 for 6020 (site metals) & 7470A (mercury)
clear w/ no odor, total vol purged = 11.52 gal, total depth = 29.
decon water level.
~~Set up on~~ BC well dia = 2 inches, tube diameter = 1/4", screen int = 19 to 29', PP, DTW = 9.7', well vol = 3.14 x 3 = 9.

1440 Begin purge MW-48S at 0.08

Time	Temp	DO	Sp Cond	pH	ORP	Turb	DTW
1706	21.28	0.12	855	3.96	102.5	10.90	11
1709	21.23	0.12	853	3.96	103.8	1.04	11
1712	21.23	0.13	851	3.96	107.7	0.61	

1716 Collect MW-48S for 6020 (site metals)
clear / no odor, total purged vol = 12.16 gal
total depth = 29.87', decon water level
well dia = 2", tubing dia = 1/4", well screen = 20.5 to 30.5', DTW = 10.65', PP, well vol = 3.18 x 3 = 9.53
tube depth = 13', dump purge water

MW-30S cont.

Time	Temp	DO	Sp. Cond	pH	ORP	Turb	DTW
1745	23.55	1.20	528	4.02	121.8	2.08	11.57
1748	23.56	1.21	527	4.02	122.3	1.51	11.57
1751	23.59	1.19	527	4.02	124.0	2.80	↓

1755 Collect MW-30S for 6020 (Site Metals)
clear w/ no odor, total purged vol = 14.07 gals, total depth = 38.97', decon water level, dump purge water

* Late Entry

1600 Begin Survey MW-35S
MW-28S = 301.26' (TOC)
~~BC MW-13I = 299.29' (TOC)~~
BM-BS = 301.26 + 4.59 = ~~1~~ HI = 305.85
HI-FS = 305.85 - 5.34 = 300.51
MW-35S = 300.51'

MW-13I = ~~2~~ BC 299.29' (TOC)
HI = BM-BS = 299.29 + ~~4.59~~ 6.45 = ~~294.7'~~ BC ~~303.88~~ BC 305.9
HI-FS = ~~294.7~~ BC - 305.94' - 5.34 = 300.6' = MW-35

1630 Call Jeff w/ survey #s. for MW-35S

1800 Set up on MW-32I, ~~MW-32S~~ MW-21S

1807 Begin purging MW-21S @ 0.06gp
well dia = 2", tubing dia = 1/4", well screen = 5 to 20', DTW = 2.87', PP, well vol = 2.67' x 3 = 8.01', tube depth = 5ft,

1826 Begin purging MW-32I @ 0.08gpm, well dia = 2", tubing dia = 1/4", well screen = 22 to 27' DTW = 9.26ft, PP, well vol = 3.35' x 3 = 10.04', tubing depth = 12

1832 Begin purging MW-32S-R @ 0.07gpm, well dia = 2", tubing dia = 1/4", screen int. 3-13, DTW 4.84, PP well vol. 1.75 x 3 = 5.24. tubing depth initial = 7ft, final = 8 feet

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Continue MW-32S-R

TIME	TEMP	SPCOND	DO	pH	ORP	TURB	DTW
1947	26.64	7340	0.20	4.86	204.1	11.9	6.88
1950	26.63	7360	0.27	4.85	204.0	10.6	↓
1953	26.62	7377	0.28	4.84	202.7	9.8	↓

[2000] Collect [MW-32S-R] for 6020 (Site Metals)
slight yellow ~~clear~~ BC / no odor, total purged vol = 5.67 gal
total depth = 15.77', decon water level

Cont. MW-21S

Time	Temp	sp cond	DO	pH	ORP	Turb	DTW
2021	22.19	4294	0.50	6.36	206	1.77	8.19
2024	22.18	4301	0.50	6.37	206.1	3.33	|
2027	22.18	4307	0.48	6.38	206.2	2.67	|

[2030] Collect [MW-21S] for 6020 (site metals)
clear / no odor, total purged vol = 8.4 gal, decon water level, Final tubing depth = 10ft

Cont MW-32I, ~~Final~~ BC

Time	Temp	sp.Cond	DO	pH	ORP	Turb	DTW
2035	23.94	3016	0.10	3.63	199.4	2.27	10.06
2038	23.88	2990	0.07	3.62	199.0	2.09	10.06
2041	23.87	2979	0.07	3.63	198.5	2.28	10.06

[2045] Collect [MW-32I] for 6020 (site metals)

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clear / no odor, total purged vol = 10.8 gal
total depth = 29.92', decon water level

2100 Pump purge water
2105 Site secure & clean URS offsite

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(31) 8/22/2012 FFF Moultrie

0620 URS (A. Bryant and B. Cromer) onsite
weather: 72°
forecast: 88° ~~partly~~ AS cloudy 30% chance of rain
currently: misting
Health + Safety meeting: slips, trips, falls, tailsafety, ants/wasps/snakes, traffic, heat, lightning
0635 Verify YSI 11 2B101632 & HACH 10080C003867, YSI 11J101187 & HACH 11080C011521
Passed all verifications
0715 Complete verification
0755 Set up on MW-7S-R
0806 Begin purging MW-7S-R @ 0.08 gpm
~~0815 Clear bushes around well~~ BC
~~0825 Set up on MW-9S-R~~ BC
well dia = 2", tubing dia = 1/4",
well screen = 4 to 14", DTW = 6.69',
PP, well vol = 1.59 x 3 = 4.77 gal
0815 Clear bushes around well
0825 Set up on MW-9S-R
Well dia = 2", tubing dia = 1/4",
well screen = 4 to 15", DTW = 5.63",
PP, well vol = 1.94 gal x 3 = 5.80 gal
tubing depth = 8'

Cont. MW-7S-R

Time	Temp	sp. cond	DO	pH	ORP	Turb	DTW
0910	26.46	2390	0.30	3.20	388.2	24.2	8.49
0913	26.48	2393	0.31	3.19	387.6	31.1	↓
0916	26.47	2396	0.29	3.19	388.5	38.5	↓

0920 Collect MW-7S-R for 6020 (metals) & 6020 (metals - filtered)
Clear/no odor, total purged vol = 5.6 gal, total depth = 14.09', decon water level

Cont MW-9S-R

Time	Temp	Sp cond.	DO	pH	ORP	Turb	DTW
0935	21.81	1180	0.24	4.15	157	2.69	6.55
0938	21.81	1180	0.23	4.14	157.2	2.97	↓
0941	21.84	1177	0.23	4.14	157.3	1.71	↓

0945 Collect MW-9S-R for
Clear/no odor, total purged vol = 7.4 gal
total depth = 16.72 ft, decon water level
0949 dump purge water
0955 Set up on MW-36S
1014 Begin purging MW-36S @ 0.12 gpm
Well dia = 2", tubing dia = 1/4",
Well screen = 4 to 14 ft, DTW = ~~5.63 ft~~ BC 5.14 ft

PP, well vol = ~~1.94 x 3 = 5.80gal~~ 1.84gal x 3 5.50 BC
tubing depth = 8ft

1016 Set up on MW-13S-R

1021 Begin purging MW-13S-R
well dia = 2", tubing dia = 1/4",
well screen = 4 to 14', DTW = 4.74ft,
PP, well vol = 1.98 x 3 = 5.95gal
tubing depth = 7ft

MW-36S cont

Time	Temp	sp.cond	DO	pH	ORP	Turb	DTW
1100	23.45	880	0.22	4.03	-149.5	4.09	5.91
1103	23.43	880	0.21	4.02	-149	3.73	↓
1106	23.41	880	0.21	4.02	↓	5.04	↓

1112 Collect MW-36S ~~for~~ BC & DUP-5 for 6020 (site metals)
Clear/no odor, total purged vol = 6.24gal, total depth = 16.57ft, decon water level

Cont. MW-13S-R

Time	Temp	sp cond	DO	pH	ORP	Turb	DTW
1116	21.70	594	0.09	5.67	164.9	25.1	6.02
1119	21.83	592	0.08	5.69	160.1	16.8	↓
1122	21.78	593	0.08	5.69	159.6	14.3	↓

1125 Collect MW-13S-R for 6020 (site

metals) & 6020 filtered (site metals)
Clear/no odor, total purged vol = 6.71gals, total depth = 16.87ft decon water level

1145 Set up on MW-3S

1154 Begin purging MW-3S @ 0.04
well dia = 2", tubing dia = 1/4",
well screen = 4 to 14ft, DTW = 4.24ft
PP, well vol = 1.48ft x 3 = 4.44ft,
tubing depth = 10ft

1156 Set up on MW-6S-R & MW-8I

1200 Begin purging MW-~~8I~~ 6S-R BC @ 0.04
well dia = 2", tubing dia = 1/4",
Screen interval = 4 to 14,
DTW = 6.19ft, PP, well vol = 1.73gal x 3 = 5.20gal, tubing depth

1202 Begin purging MW-8I @ 0.1
well dia = 2", tubing dia = 1/4",
well screen = 30 to 35, DTW = 11.51ft,
~~well vol = 1.73 x 3 = 5.20gal~~ BC
tubing depth = ~~9ft~~ BC 32.5
Equipment vol = 0.36gal

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Cont. MW-8I

Time	Temp	sp. cond.	DO	pH	ORP	Turb.	DTW
1311	23.23	301	0.18	4.17	99.4	2.08	11.67
1316	23.40	300	0.16	4.18	101.4	1.69	11.67
1321	23.34	301	0.21	4.17	103.5	1.02	11.67

1325 Collect MW-8I for 6020 (site metals)
no odor / clear, total vol purged = ~~6.00~~ 6.32 gal
total depth = 37.82 ft, decon water level.

Cont. MW-6S-R

Time	Temp	sp. cond.	DO	pH	ORP	Turb	DTW
1327	26.40	7202	0.62	3.13	245.6	1.53	13.12
1330	26.41	7203	0.63	3.13	246.0	1.45	↓
1333	26.43	7204	0.64	3.12	246.1	1.39	↓

1340 Collect MW-6S-R & DUP-1 for 6020 (site metals)
Clear / no odor, total purged vol = 5.58 gal
total depth = 16.75', decon water level, final tubing depth = 15 ft

Cont MW-3S

Time	Temp	sp. cond	DO	pH	ORP	Turb	DTW
1355	25.04	5128	0.93	2.98	432.9	6.54	13.16
1358	24.97	5125	0.94	↓	438.2	7.07	↓
1401	24.98	5124	0.95	↓	437.0	3.25	↓

1406 Collect MW-3S & DUP-3 for 6020 (site metals)
Clear / no odor, total purged vol = 5.08 gal
total depth = 13.47 ft, final tubing depth = 13.25 ft, decon water level.

1425 dump purge water

1435 Set up on MW-37S

1445 Begin purging MW-37S @ 0.12 gpm
well dia = 2", tubing dia = 1/4"
well screen = 6 to 16 ft, DTW = 4.65 ft,
PP, well vol = 2.31 ft x 3 = 6.92 ft,
tubing depth = 7 ft

1450 Set up on MW-27S-R

1456 Begin purging MW-27S-R
@ 0.10
Well dia = 2", tubing dia = 1/4",
Screen interval = 4 to 14 ft, DTW = 4.86 ft,
PP, tubing depth = 7 ft, Well vol = 2.09 x 3 = 6.28 gal

1500 Set up on well MW-38S

1504 Begin purging MW-38S
@ 0.10 gpm
Well dia = 2", tubing dia = 1/4",
Screen interval = 6 to 16 ft

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DTW=5.71ft, PP, well vol = 2.13x3 = 6.39 gal, tubing depth = 8ft

Cont. MW-37S

Time	Temp	sp.cond.	DO	pH	ORP	Turb	DTW
1544	23.41	961	0.05	6.76	-119.8	7.07	6.20
1547	23.35	963	↓	6.75	-115.2	8.30	↓
1550	23.30	964	↓	6.75	-110.9	6.36	↓

1555 Collect MW-37S for 6020 (site metals)
Clear / no odor, total vol purged = 7.8 gal
total depth = 18.81ft, decon water level,

1540 Set up on MW-3I

1545 Begin purging MW-3I @ 0.12 gpm
well dia = 2", tubing dia = 1/4",
well screen = 35 to 40ft, DTW = 7.43,
PP, tubing depth = 37.5',
equipment vol = 0.37 gal

Time	Temp	sp cond.	DO	pH	ORP	Turb	DTW
1557	22.97	190	0.09	4.54	231.7	3.28	7.63
1602	22.95	↓	0.08	4.54	241.2	3.49	↓
1607	23.03	↓	0.08	4.54	247.2	3.77	↓

1610 Collect MW-3I for 6020 (site metals)
no odor / clear, total vol purged = ~~2.10~~ 2.64 gal
total depth = 39.73ft, decon water level

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Cont. MW-27S-R

Time	Temp	sp. cond.	DO	pH	ORP	Turb	DTW
1608	25.26	1155	0.19	6.12	-50.8	5.77	5.52
1611	25.16	1155	0.19	6.12	-50.7	7.06	5.52
1614	25.18	1155	0.19	6.11	-50.3	3.92	5.52

1620 Collect MW-27S-R for 6020 (site Metals)
Clear / no odor, total vol purged = 7.8 gal, total depth = 16.95ft, decon water level.

cont MW-38S

Time	Temp.	sp. cond	DO	pH	ORP	Turb	DTW
1631	24.22	217	0.37	5.86	5.3	4.81	6.74
1634	24.10	215	0.30	5.87	4.4	4.52	↓
1637	24.03	215	0.31	5.85	5.8	3.07	↓

1645 Collect MW-38S for 6020 (site metals)
Clear / no odor, total vol purged = 9.3 gal, total depth = 19.07 ft, decon water level

1655 dump purge water

1712 Set up on MW-11S

1720 Begin purging MW-11S
well dia = 2", tubing dia = 1/4"

well screen = 2 to 12ft, DTW=5.56
PP, well vol = 1.21 x 3 = 3.61 gal
tubing depth = 8ft

1725 Set up on MW-5S-R

1730 Begin purging MW-5S-R @ 0.10 gpm
well dia = 2", tubing dia = 1/4",
Well screen = 4 to 14, DTW = 5.24ft
PP, well vol = 1.80 x 3 = 5.40ft
tubing depth = 8ft

1735 Set up on MW-10S-R & MW-10I

1737 Begin purging MW-10S-R
well dia = 2", tubing dia = 1/4",
well screen = 4 to 14ft, DTW = 6.48ft
well vol = 1.61 x 3 = 4.82ft,
tubing depth = 9ft

1737 Begin purging MW-10I
well dia = 2", tubing dia = 1/4",
Well screen = 35 to 40ft, DTW = 6.23ft,
PP, equipment vol = 0.36 gal
tubing depth = 37.5ft

B.Cromer

Continue MW-10I

Time	Temp	Sp. Cond.	DO	pH	ORP	Turb.	DTW
1753	23.38	96	0.32	5.68	67.0	9.74	8.02
1756	23.26	↓	0.33	5.67	63.2	9.93	↓
1759	23.25		0.31	5.66	67.6	6.88	

1805 Collect MW-10I for 6020 (site Metals)
clear / no odor, total purged vol = 2.6 gal, total depth = 41.96ft
decon water level

Continue MW-5S-R

Time	Temp	Sp. Cond.	DO	pH	ORP	Turb	DTW
1826	26.35	969	0.59	6.21	9.0	45.4	7.54
1829	26.34	977	0.55	6.21	7.2	44.6	↓
1832	26.35	990	0.44	6.20	5.5	48.4	

1840 Collect MW-5S-R for 6020 (site metals) & 6020 filtered (site metals),
Clear / no odor, total purged vol = 6.0 gal, total depth = 16.49ft,
decon water level

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Cont. MW-10S-R

Time	Temp	sp. cond.	DO	pH	ORP	Turb.	DTW
1841	24.83	194	0.10	5.28	184.1	4.50	8.45'
1844	24.80	194	0.10	5.29	182.3	3.67	↓
1847	24.82	195	0.10	5.29	180.7	3.51	↓

1855 Collect MW-10S-R for 6020 (site metals)
Clear/no odor, total purged vol = 5.6 gal, total depth = 16.52ft
BC final tubing depth = 10ft, decon water level

Cont. MW-11S

Time	Temp	sp. cond	DO	pH	ORP	Turb	DTW
1908	23.67	1778	0.99	6.60	-81.4	50.6	8.88
1911	23.69	1776	0.90	6.61	-75.7	58.4	↓
1914	23.65	1774	0.93	6.61	-71.5	55.4	↓

1930 Collect MW-11S for 6020 (site metals)
Clear/no odor, total purged vol = 4.56 gal
total depth = 13.12', decon water level

1945 Dump purge water
2000 Site Secure and clean
URS offsite

BCromer 8-22-12

 8/23/12 FFF Moultrie

0630 URS (A. Bryant and B. Cromer) onsite
weather: 72°
forecast: 88° 30% chance of rain
currently: clear sky
Health & Safety meeting: Slips, trips & falls, tool safety, ants/wasps/snakes, traffic, heat, lightening

0640 Verify YSI 112B101632 & HACH 10080C038167, YSI 11J101187 & HACH 10080C011521
Passed all verifications

0710 Complete verifications

0735 Set up on MW-2S & MW-2I

0755 Begin purging MW-2S @ 0.08gpm
well dia = 2", tubing dia = 1/4", well screen = 4 to 14ft, DTW = 2.42, PP, well vol = 1.93 x 3 = 5.79 gal
tubing depth = 4.5ft

0800 Set up on MW-1SR

0812 Begin purging MW-1S-R @ 0.05gpm
Well dia = 2", tubing dia = 1/4", well screen = 2 to 12ft, DTW = 5.50ft, PP, well vol = 1.45x3 = 4.34gal

tubing depth = 8ft

0815 Set up on MW-15S

0822 Begin purging MW-15S
well dia = 2", tubing dia = 1/4",
well screen = 10 to 20', DTW = 8.91',
PP, well vol = 1.78 gal x 3 = 5.32 gal
tubing depth = 11ft

0831 Begin purging MW-2I @ 0.12
well dia = 2", tubing dia = 1/4",
well screen = 30 to 35', DTW = 6.12',
PP, equipment vol = 0.36 gal

Time	Temp	sp. cond	DO	pH	ORP	Turb	DTW
0841	20.27	138	0.23	4.35	140.7	5.13	6.26
0846	↓	137	0.25	4.34	145.9	0.78	↓
0851	↓	137	0.30	4.29	154.8	0.99	↓

0855 Collect MW-2I for 6020 (site metals)
Clear / no odor, total vol purged = 2.4 gal
total depth = 35.26', decon water level

Cont. MW-2S

Time	Temp	sp. cond.	DO	pH	ORP	Turb	DTW
0908	23.36	632	2.18	3.64	452.9	0.27	3.59
0911	23.35	632	↓	↓	450.1	0.27	↓
0914	23.36	632	↓	↓	451.2	0.23	↓

0920 Collect MW-2S for 6020 (site metals)
Clear / no odor, total vol purged = 6.32 gal, total depth = 14.41 ft
decon water level.

Cont. MW-15S

Time	Temp	sp. cond.	DO	pH	ORP	Turb	DTW
0925	21.85	1609	0.47	3.58	308.2	0.42	9.31
0928	21.89	1605	0.41	3.59	315.7	0.67	↓
0931	21.87	1608	0.34	3.57	322.7	0.73	↓

0935 Collect MW-15S for 6020 (site metals)
Clear / no odor, total vol purged = 6.9 gal, total depth = 19.80 ft,
decon water level

Cont. MW-1S-R

Time	Temp	sp. cond.	DO	pH	ORP	Turb	DTW
0947	26.86	525	0.41	6.34	23.4	11.5	10.41
0950	26.88	525	0.39	6.30	25.4	11.7	↓
0953	26.88	526	0.40	6.28	26.8	10.7	↓

1000 Collect MW-1S-R for 6020 (site metals) & 6020 filtered
Clear / no odor, total purged vol = 5.46 gal, total depth = 14.56 ft
decon water level.

1015 Dump purge water
1045 Set up on MW-40S @ 0.10gpm
1052 Begin purging MW-40S @
well dia = 2", tubing dia = 1/4",
screen interval = 25 to 35ft,
DTW = 8.20ft, PP, well vol =
4.2gal x 3 = 12.62gal,
tubing depth = 10ft
1100 Set up on MW-39S
1110 Begin purging MW-39S @
well dia = 2", tubing dia = 1/4",
well screen = 6 to 16ft, DTW = 5.48',
PP, tubing depth = 8ft,
well vol = 1.64gal x 3 = 4.92gal
1120 Set up on MW-12S
1125 Begin purging MW-12S @ 0.10gpm
well dia = 2", tubing dia = 1/4",
well screen = 15 to 25', PP,
well vol = 2.43gal x 3 = 7.28gal,
tubing depth = 12ft
1130 ~~Set up~~ Begin purging MW-II-R
well BC dia = 2", tubing dia = 1/4",
well screen = 30 to 34.5', DTW = 7.19',
PP, equipment vol = 0.35gal

tubing at 32ft.

Time	Temp	sp cond.	DO	pH	ORP	Turb	DTW
1142	22.98	150	0.14	4.45	300.0	0.25	8.02
1147	22.98	151	0.12	4.45	306.9	0.26	↓
1152	23.00	151	0.12	4.45	309.9	0.18	↓

1200 Collect MW-II-R for 6020 (site metals)
clear / no odor, total purged vol = 2.64gal
total depth = 37.03ft, decon
water level

Cont. MW-39S

Time	Temp	Sp. cond	DO	pH	ORP	Turb	DTW
1154	24.57	569	0.34	4.29	258.8	0.42	5.73
1157	24.58	570	0.33	4.28	262.4	3.32	↓
1200	24.56	573	0.30	4.28	263.5	2.67	↓

1205 Collect MW-39S for 6020 (site metals)
clear / no odor, total purged vol =
5.0gal, total depth = 15.47ft
decon water level
1215 Set up on MW-6I
1223 Begin purging MW-6I
well dia = 2", tubing dia = 1/4",
screen interval = 28 to 33ft
DTW = 5.33ft, PP, equipment
vol = 0.34gal, tubing depth = 30ft

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~~tubing depth =~~

Time	Temp	sp.cond.	DO	pH	ORP	Turb	DTW
1230	23.67	212	0.13	4.46	295.5	1.34	5.68
1235	23.64	215	0.15	4.47	298.4	1.62	↓
1240	23.61	217	0.12	4.47	299.9	1.40	↓

1245 Collect MW-6I for 6020 (site metals)
~~well dr~~ clear / no odor, total purged vol = 2.21 gal, total depth = 33.44 ft, decon water level

Cont. MW-12S

Time	Temp	sp.cond	DO	pH	ORP	Turb	DTW
1247	22.83	8701	0.18	3.33	378.4	2.57	11.97
1250	22.82	8692	0.17	↓	381.0	3.20	↓
1253	22.80	8684	0.15	↓	383.0	2.67	↓

1300 Collect MW-12S for 6020 (site metals)
clear / no odor, total purged vol = 8.8 gal, total depth = 24.46', decon water level

1309 rain / thunderstorm begins
1400 thunderstorm over, still sprinkling

B. Cromer

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Cont. MW-40S

Time	Temp	sp. cond.	DO	pH	ORP	Turb	DTW
1407	25.44	~~816.1~~ 161	1.95	5.11	249.1	11.4	17.64
1410	25.46	130	2.06	5.18	244.6	10.4	↓
1413	25.42	115	2.02	5.23	240.9	9.42	↓
1416	25.46	104	2.15	5.26	234.6	9.73	↓
1419	25.48	81	2.12	5.29	228.7	8.34	↓
1422	25.47	69	2.07	5.25	224.1	8.57	↓
1425	25.50	59	2.12	5.24	221.6	8.42	↓
1428	25.51	58	2.11	5.24	222.1	8.36	↓
1431	25.51	58	2.08	5.23	222.6	8.82	↓

1435 Collect MW-40S for 6020 (site method), stops sprinkling
Clear / no odor, total purged vol = 17.52 gal, total depth = 34.52 ft
decon water level

1458 Begins sprinkling again
1505 set up on MW-31S
1509 Begin purging MW-31S @ 0.05 gpm
Well dia = 2", tubing dia = 1/4", well screen = 19.5 to 39.5', PP, DTW = 10.88', well vol = 4.77 x 3 = 14.3 gal, tubing at 13 ft

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1515 Set up on MW-49S
1520 Begin purging MW-49S @ 0.05
well dia = 2", tubing dia = 1/4",
well screen = 24.5 to 34.5', DTW = 3.90ft,
PP, well vol = 4.90gal x3 = 14.69gal
tubing depth = 6ft
1527 Set up on MW-41S
1534 Begin purging MW-41S @ 0.12gpm
well dia = 2", tubing dia = 1/4",
well screen = 20 to 30', DTW = 3.42',
PP, well vol = 4.22gal x 3 = 12.65gal,
tubing depth = 6ft
1545 Set up on MW-12I
1552 Begin purging MW-12I @ 0.12gpm
well dia = 2", tubing dia = 1/4",
well screen = 33.5 to 38ft, DTW = 9.72ft
PP, equipment vol = 0.36gal,
tubing depth = 36ft

Time	Temp	Sp. cond.	DO	pH	ORP	Turb	DTW
1606	22.44	374	0.25	4.14	232.0	4.94	10.04
1609	22.42	375	0.22	4.14	232.1	4.14	↓
1612	22.44	375	0.18	4.15	232.2	1.75	↓

1615 Collect MW-12I for 6020
(site metals)

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Clear/no odor, total vol purged = 2.8gal,
total depth = 38.56ft
decon water level
1657 Set up on MW-7I
1700 Begin purging MW-7I @ 0.10
well dia = 2", tubing diameter = 1/4", screen interval = 39.5 to 49.5'
PP, equipment vol = 0.155gal
tubing length = 44.5ft

Time	Temp	Sp. cond.	DO	pH	ORP	Turb	DTW
1709	21.72	743	0.42	3.97	245.7	2.11	10.37
1714	21.69	760	0.44	3.95	245.7	1.58	↓
1719	21.67	769	0.47	3.94	245.5	1.89	↓

1725 Collect MW-7I for 6020
(site metals)
Clear/no odor, total purged vol = 1.9gal
total depth = 49.77ft, decon
water level.

Cont. MW-41S

Time	Temp	Sp. cond	DO	pH	ORP	Turb	DTW
1742	24.89	2415	0.06	3.71	300.6	0.38	4.66
1745	24.90	2416	0.06	3.71	301.1	0.25	↓
1748	24.91	2413	0.06	3.72	301.7	0.26	↓

1755 Collect MW-41S for 6020
(site metals)

FFF Moultrie 8/23/12

Clear / no odor, total vol purged = 13.68 gal
total depth = 29.81', decon water level

1820 Set up on MW-18S

1827 Begin purging MW-18S @ 0.14 gpm
well dia = 2", tubing dia = 1/4",
well screen = 3 to 13', DTW = 0.81'
PP, well vol = 1.94 gal x 3 = 5.81 gal
tubing depth = 3'

1835 Dump purge water

1845 Set up on MW-13I

1853 Begin purging MW-13I
Well dia = 2", tubing dia = 1/4",
DTW = 13.78', equipment vol = 0.40 gal
tubing depth = 49'

Time	Temp	Sp. cond.	DO	pH	ORP	Turb	DTW
1905	23.84	88	5.05	8.00	159.3	2.40	17.49
1910	23.79	87	5.11	8.09	158.9	2.56	↓
1915	23.76	87	5.16	8.16	158.5	2.18	↓

1920 Collect MW-13I for 6020 (site metals)
Clear / no odor, total purged vol = 1.1 gal
total depth = 53.81 ft, decon water level

FFF Moultrie 8/23/12

Cont. MW-18S

Time	Temp	Sp. cond.	DO	pH	ORP	Turb	DTW
1927	22.98	460	0.33	5.04	112.9	1.41	2.20
1930	↓	460	0.34	5.03	111.0	1.24	↓
1933	↓	456	0.30	5.01	107.9	1.80	↓

1940 Collect MW-18S & ~~DUP-6~~ BC for 6020 (site metals)
Clear / no odor, total purged vol = 9.24 gal, total depth = 12.77 ft
decon water level

1945 Dump purge water

** Late Entry

1919 Increase purge rate to 0.12 gpm due to water level not stabilizing at MW-31S

BC

1920 Increase purge rate to 0.12 gpm due to water level not stabilizing at MW-49S

1955 End purging at MW-31S & MW-49S due to lack of light, finish purging & sampling tomorrow

2000 Site secure & clean URS offsite

B Cromer 8-23-12

FFF Moultrie 8/24/12

0630 URS (A. Bryant and B. Cromer) onsite
weather: 70°
forecast: 90° Clear & Sunny
Health & Safety meeting: Slips, trips, falls, tool safety, ants/wasps/snakes, traffic, heat, lightening

0635 Verify YSI 12B101632 & HACH 10080C003867, YSI 11J101187 & HACH 11080C011521
Passed all verifications

0715 Complete verifications

0718 Begin purging MW-31S @ 0.08gpm

0726 Begin purging MW-49S @ 0.08gpm

0745 Set up on FFFW-3-R & MW-43S

0802 Begin purging MW-43S @ 0.12
well dia = 2", tubing dia = 1/4",
well screen = 5 to 15', DTW = 4.42',
PP, tubing depth = 7ft,
well vol = 2.12 ~~ft~~ gal BC × 3 = 6.37 ~~ft~~ gal BC

0804 Begin purging FFFW-3-R @ 0.08gpm
well dia = 2", tubing dia = 1/4",
well screen = 4 to 14', DTW = 6.36ft,
PP, tubing depth = 8ft,

FFF Moultrie 8/24/12

Well vol = 1.72 gal × 3 = 5.16 gal

Cont. MW-43S

Time	Temp	Sp.cond	DO	pH	ORP	Turb	DTW
0903	26.37	2000	0.28	5.76	154.4	0.61	6.47
0906	26.41	1994	0.25	↓	154.2	0.57	↓
0909	26.43	1992	0.22	5.75 ↓	154.2	0.53	↓

0915 Collect MW-43S for 6020 (site metals)
Clear | no odor, total purged vol = 8.04 gal, total depth = 17.68'
decon water level

Cont. FFFW-3-R

Time	Temp	Sp.cond.	DO	pH	ORP	Turb	DTW
0916	25.65	2050	0.34	5.42	142.8	5.23	9.18
0919	25.64	2056	0.39	5.43	142.3	4.33	↓
0922	25.63	2069	0.44	5.43	141.8	4.26	↓

0925 Collect FFFW-3-R
Clear | no odor, total purged
Water = 5.84 gal, total depth = 17.12'

B. Cromer

Cont. MW-49S

Time	Temp	Sp. cond.	DO	pH	ORP	Turb	DTW
	8/23/12						
1919	water level will not stabilize						
1920	Water level will not stabilize increase purge						
1958	End purge – Dark						
	8/24/12						
0726	Begin purge						
1006	26.33	70	3.62	5.27	122.8	143	27.04
1009	26.32	71	3.57	5.24	126.3	140	27.09
1012	26.32	71	3.48	5.25	125.5	144	27.18

1020 Collect MW-49S for 6020 (site metals) & 6020 filter (site filter) ~~Clear~~ BC cloudy, no odor, total purged vol = 22.64 gal, total depth = 34.15', final tubing depth = 32'

Cont. MW-31S

Time	Temp	sp. cond.	DO	pH	ORP	Turb	DTW
	8/23/12						
1918	water level will not stabilize						
1919	water level will not stabilize increase purge						
1955	End purge – dark						
	8/24/12						
0718	Begin purge						
1040	26.12	112	5.95	4.71	249.9	9.09	31.64
1043	26.14	↓	5.92	↓	250.9	6.84	↓
1046	26.16		5.85		251.0	7.92	

1053 Collect MW-31S for 6020 (site metals) clear / no odor, total vol purged = 25.96 gal, total depth = 39.75', decon water level

~~Set up on MW-24S~~ BC

1057 BC ~~Set~~ Dump purge water

1105 Set up on MW-42S

1116 Begin purging MW-42S @ 0.1 gpm, well dia = 2", tubing dia = 1/4", well screen = 5 to 15', PP, tubing depth =

1120 Set up on MW-44S

1131 Begin purging MW-44S @, well dia = 2", tubing dia = 1/4", well screen = 10 to 20', DTW = 7.12, PP, well vol = 2.48 ft × 3 = 7.44 ft

1145 Dump purge water

1220 Set up on MW-22S

1238 Begin purging MW-22S @ 0.04 gpm, well dia = 2", tubing dia = 1/4", screen int = 6.5 to 16.5', DTW = 3.60 ft, PP, well vol = 1.87' × 3 = 5.60', tubing depth = 6'

(63) FFF Moultrie 8/24/12

1240 Weed control

1243 Set up on ~~MW~~ BC- FFFW-1-R

1246 Begin purging FFFW-1-R @

well dia = 2", tubing dia = 1/4",

well screen = 2 to 12ft, PP, DTW=6.35'

well vol = 1.63' x 3 = 4.87', tubing depth = 9'

Cont. MW-44S

Time	Temp	sp.cond.	DO	pH	ORP	Turb	DTW
1307	25.31	993	1.09	6.05	60.6	16.6	15.25
1310	25.25	994	0.93	6.06	57.1	13.4	↓
1313	25.21	994	0.82	6.06	53.1	12.9	↓
1316	25.24	993	0.73	6.05	49.7	10.4	↓
1319	25.29	992	0.63	6.02	45.2	10.2	↓
1322	25.30	990	0.53	5.98	35.5	8.5	↓

1325 Collect MW-44S for 6020 (site metals) & 6020 filtered

Clear / no odor, total purged vol = 6.6 gal

total depth = 22.38ft, decon water level

Cont. MW-42S

Time	Temp	sp.cond	DO	pH	ORP	Turb	DTW
1332	24.01	8514	0.09	5.37	185.2	67.5	3.84
1335	23.92	8564	0.09	5.36	174.6	93.0	3.84
1338	23.84	8609	0.09	5.36	172.6	120	↓

FFF Moultrie 8/24/12 (64)

1345 Collect MW-42S for 6020 (site metals) & 6020 filter (site metals)

Clear / no odor, total purged vol = 14.2 gal, total depth = 14.72'

decon water level

Cont. MW-22S

Time	Temp	sp.cond.	DO	pH	ORP	Turb	DTW
1412	25.59	291	0.29	5.49	72.7	3.38	9.71
1415	25.62	293	0.26	5.52	72.1	2.94	↓
1418	25.77	292	0.28	5.53	72.9	2.77	↓

1425 Collect MW-22S for 6020 (site metals)

Clear / no odor, total vol purged = 6.00 gal, total depth = 15.25ft, decon water level

Cont. FFFW-1S-R

Time	Temp	sp cond.	DO	pH	ORP	Turb	DTW
1505	25.98	532	0.12	6.27	40.3	1.14	7.58
1508	26.02	↓	0.11	6.28	37.6	0.47	↓
1511	25.96	↓	0.11	6.32	35.8	0.75	↓

1515 Collect FFFW-1S-R for 6020 (site metals)

Clear / slight odor, total

FFF Moultrie 8/24/12

vol purged = 8.7 gal, total depth = 16.24 ft, decon water level

~~Set up on MW-33S~~ BC

1530 Dump purge water

1545 Set up on MW-33S

1554 Begin purge on MW-33S @ 0.14 gpm

well dia = 2", tubing dia = 1/4", well screen = 17 to 27', DTW = 8.07'

PP, well vol = 3.09 gal x 3 = 9.26 gal

tubing depth = 10 ft.

1558 Set up on MW-TP2S

1602 Begin purging MW-TP2S @ 0.08 gpm

well dia = 2", tubing dia = 1/4", well screen = 10 to 20', DTW = 5.71 ft, PP, well vol = 2.27 gal x 3 = 6.82 gal

tubing depth = 8 ft

1605 Set up on MW-25S

1608 Begin purging MW-25S @

well dia = 2", tubing dia = 1/4"

well screen = 5.25 ft to 15.25 ft, DTW = 6.85 ft, PP, well vol = 1.20 x 3 = 3.60 gal

FFF Moultrie 8/24/12

tubing depth = 9 ft

Cont. MW-33S

Time	Temp	sp. cond.	DO	pH	ORP	Turb	DTW
1715	21.35	70	6.12	4.84	106.0	1.83	8.40
1718	21.35	69	6.13	4.77	106.5	1.89	↓
1721	21.35	70	6.13	4.70	109.6	1.25	↓

1725 Collect MW-33S for 6020 (site metals)

Clear / no odor, total purged vol = 12.18 gal, total depth = 27.23'

decon water level

Cont. MW-25S

Time	Temp	sp. cond.	DO	pH	ORP	Turb	DTW
1800	25.76	206	1.09	5.36	84.0	1.61	10.82
1803	25.75	205	1.02	5.35	83.4	1.68	↓
1806	25.75	205	1.03	5.35	81.3	1.91	↓

1810 Collect MW-25S for 6020 (site metals)

Clear / no odor, total vol purged = 7.08 gal, total depth = 14.18 ft, ~~WA~~ BC Decon water level

B. Cromer

(69) FFF Moultrie 8/24/12

Cont. MW-TP2S

Time	Temp	Sp. cond.	DO	pH	ORP	Turb	DTW
1821	24.35	482	0.28	5.02	114.5	9.31	7.24
1824	24.36	483	0.25	↓	115.2	9.06	↓
1827	24.34	484	0.26	↓	115.1	8.66	↓

1830 Collect MW-TP2S for 6020 (site metals)
Clear / no odor, total purged vol = 11.6 gal, total depth = 19.92'
decon water level, Final tubing depth = 9ft

1845 Dump purge water
1900 Site clean & secure
URS offsite

BCromer 8-24-12

FFF Moultrie 8/25/12 (68)

0630 URS (A. Bryant and B. Cromer) onsite
weather: 68°
forecast: 90° high & sunny
currently: partly cloudy
Health & safety meeting: slips, trips, falls, tool safety, ants / wasps / snakes, traffic, heat, lightening

0635 Verify YSI 112B101632 & HACH 10080C003867, YSI 17J101187 & HACH 1108 0C011521
Passed all verifications

0705 Complete verification

0710 ~~Set up on~~ BC Set up on MW-TP3S

0714 Begin purging MW-TP3S @
well dia = 2", tubing dia = 1/4",
well screen = 10 to 20ft, PP,
Well vol = 2.15 x 3 = 6.46ft,
tubing depth = 8ft

0720 Set up on MW-46S

0732 Begin purging MW-46S @ 0.08 gpm
well dia = 2", tubing dia = 1/4",
DTW = 4.41ft, PP,

FFF Moultrie 8/25/12

well vol = 1.65 x 3 = 4.95 gal,
tubing depth = 7ft.

0737 Set up on MW-26S

0740 Begin purging MW-26S @ 0.06gpm
well dia = 2", tubing dia = 1/4",
DTW = 9.43ft, PP, tubing depth = 12ft
well vol = 1.66gal x 3 = 4.98 gal,

0744 Set up on MW-20S

0748 Begin purging MW-20S @ 0.06gpm
well dia = 2", tubing dia = 1/4",
well screen = 5 to 15ft, DTW = 1.47ft,
PP, well vol = 2.17 x 3 = 6.50 gal,
tubing depth = 4ft

Cont. MW-TP3S

Time	Temp	sp.cond.	DO	pH	ORP	Turb	DTW
0840	22.03	216	1.46	4.69	200.5	1.52	7.93
0843	21.98	216	1.30	4.69	210.8	1.03	↓
0846	21.99	215	1.32	4.69	219.3	0.66	↓

0850 Collect MW-TP3S for 6020
(site metals)
clear / no odor, total vol purged = 9.2gal
total depth = 19.37ft, final
tubing depth = 9ft, decon
water level

Cont. MW-46S

Time	Temp	sp.cond.	DO	pH	ORP	Turb	DTW
0857	26.57	452	0.65	4.00	192.6	0.42	5.8
0900	26.40	449	0.53	3.99	193.5	0.71	↓
0903	26.43	447	0.42	3.99	195.1	0.29	↓
0906	26.43	446	0.25	3.98	197.4	0.32	↓
0909	26.43	446	0.25	3.99	198.2	0.36	↓

0915 Collect MW-46S for 6020
(site metals)
clear / no odor, total purged vol =
total depth = 14.41 ft, decon
water level

Cont. MW-26S

Time	Temp	sp.cond.	DO	pH	ORP	Turb	DTW
0918	24.31	114	1.53	4.28	198.6	0.46	10.0
0921	24.32	113	1.50	4.28	198.0	0.31	↓
0924	24.35	113	1.52	4.27	198.1	0.29	↓

0930 Collect MW-26S for 6020
(site metals)
Clear / no odor, total purged vol =
6.24 gal, total depth = 19.53ft
decon water level

0940 Dump purged water

FFF Moultrie 8/25/12

Cont. MW-20S

Time	Temp	sp. cond.	DO	pH	ORP	Turb	DTW
0930	25.41	291	0.14	6.39	-76.3	2.50	4.75
0933	25.42	290	0.13	6.39	-75.9	3.39	↓
0936	25.43	290	0.15	6.38	-67.2	2.65	↓

0940 Collect MW-20S for 6020 (site metals)

Clear/slight odor, total purged vol = 7.5 gal, total depth = 14.76 ft, final tubing depth = 6 ft

1000 Set up on FFFW-4-R

1023 Begin purging FFFW-4-R @ 0.04 gpm well dia = 2", tubing dia = 1/4", screen interval = 4 to 14 ft, DTW = 9.35 ft, PP, well vol = 1.37 x 3 = 4.11 gal, tubing depth = 12 ft

1028 Set up on MW-45S

1032 Begin purging MW-45S @ 0.06 gpm well dia = 2", tubing dia = 1/4", DTW = 9.45 ft, PP, well vol = 2.14 x 3 = 6.41 gal, tubing depth = 12 ft screen interval = 10 to 20 ft

1040 Set up on MW-34I ⅔

FFF Moultrie 8/25/12

MW-34S

1044 Begin purging MW-34I well dia = 2", ~~well~~ tubing diameter = 1/4", well screen = 38 to 43 ft, DTW = 4.63 ft, PP, equipment vol = 0.38 gal tubing depth = 40.5 ft

1047 Begin purging MW-34S @ 0.06 gpm well dia = 2", tubing dia = 1/4", well screen = , DTW = 2.73', PP, well vol =

Cont. MW-34I

Time	Temp	sp. cond.	DO	pH	ORP	Turb	DTW
1225	23.95	87	3.92	5.96	77.1	300	8.97
1226	23.86	82	3.96	5.97	90.0	287	8.97
1235	23.89	84	3.86	5.97	99.7	280	8.97

1235 Collect MW-34I for 6020 (site metals) ⅔ 6020 filtered (site metals)

Cloudy/no odor, total purged vol = 13.32 gal, total depth = 45.63 ft decon water level

Purged extra in effort to bring turbidity down.

FFF Moultrie 8/25/12

Cont. FFFW-4-R

Time	Temp	Sp. cond.	DO	pH	ORP	Turb	DTW
1257	26.03	2323	0.20	5.62	163.6	196	14.21
1300	25.98	2318	0.19	5.68	163.3	187	14.24
1303	25.86	2323	0.19	5.67	163.4	182	14.27

1310 Collect FFFW-4-R for 6020 (site metals) & 6020 filtered
cloudy / no odor, total purged vol = 6.4 gal, total depth = 17.66ft
final tubing depth = 14.5ft
water level would not stabilize

Cont MW-34S

Time	Temp	Sp. cond	DO	pH	ORP	Turb	DTW
1315	27.08	32934	0.12	5.09	227.0	2.69	3.57
1318	27.11	32942	0.12	5.08	225.5	2.54	↓
1321	27.12	32944	0.12	5.08	224	2.36	↓

1325 Collect MW-34S for 6020 & DUP-6 for 6020 (site metal)
Clear / no odor, total purge vol = 9.24gal, total depth = 14.77ft, decon water level

BCromer

FFF Moultrie 8/25/12

Cont. MW-45S

Time	Temp	Sp. Cond.	DO	pH	ORP	Turb	DTW
1342	23.65	9942	0.04	7.04	-97.9	7.93	11.
1345	23.57	9945	0.03	7.06	-103	6.32	↓
1348	23.53	9945	0.02	7.07	-108.5	6.00	↓

1355 Collect MW-45S for 6020 (site metals)
Clear / no odor, total purged vol = 11.7
total depth = 22.56ft, final tubing depth = 13ft, decon water level

1400 Dump purge water
1415 Set up on MW-4S
1430 Begin purging MW-4S @ 0.04
well dia = 2", tubing dia = 1/4", well screen = 2 to 12ft, DTW = 1.84ft
PP, tubing depth = 4ft, well vol = 1.62 gal x 3 = 4.84gal
1435 Set up on MW-19S
1441 Begin purging MW-19S @
Well dia = 2", tubing dia = 1/4", Screen interval = 3 to 13ft, DTW = 3.88ft, PP, well vol = 2.01 x 3 = 6.02gal,

FFF Moultrie 8/25/12

tubing depth = 6ft

1450 Set up on MW-TP1S & MW-TP1I

1511 Begin purging MW-TP1S @ 0.1gpm
Well dia = 2", tubing dia = 1/4",
well screen = 10 to 20ft, DTW = 11.61ft,
PP, well vol = 1.38x3 = 4.13ft,
tubing depth = 14ft

1511 Begin purging MW-TP1I @ 0.12gpm
well dia = 2", tubing dia = 1/4",
well screen = 43 to 48ft, DTW = 11.01ft
PP, equipment vol = 0.38gal,
tubing depth = 46ft

Time	Temp	Sp. Cond.	DO	pH	ORP	Turb.	DTW
1530	21.02	59	5.73	6.09	82.0	10.1	12.05
1535	21.00	57	5.77	6.04	82.8	9.6 ~~9.6~~ BC	↓
1540	21.00	56	5.77	5.93	82.5	9.4	↓

1545 Collect MW-TP1I for 6020 (site metals)
Clear / no odor, total purged vol = 3.48gal
total depth = 48.09ft, decon water level

Cont. MW-TP1S

Time	Temp	Sp. Cond	DO	pH	ORP	Turb.	DTW
1602	21.58	194	3.29	4.30	157.3	0.77	11.75
1605	21.57	↓	3.30	4.33	157.4	0.62	↓
1608	21.60	↓	3.31	4.31	157.6	0.43	↓

FFF Moultrie 8/25/12

1615 Collect MW-TP1S for 6020 (site metals)
Clear / no odor, total vol purged = 5.7gal, total depth = 20.08, decon water level

1620 Checked MW-19S and tubing was clogged. Unclogged & started purge over

1623 Begin purging MW-19S @ 0.06gpm

Cont. MW-4S

Time	Temp	Sp. Cond.	DO	pH	ORP	Turb	DTW
1634	30.02	15657	0.18	5.99	242.4	1.36	10.29
1637	29.98	15670	0.17	6.00	↓	1.43	↓
1640	29.98	15669	0.20	↓	↓	1.75	↓

1645 Collect MW-4S for 6020 (site metals)
Clear / no odor, total purged vol = 5.2gal, total depth = 11.65ft
final tubing depth = 11ft
~~Set up on MW-47S & MW-24S & MW-TP4S~~ BC

1700 Dump purge water

1715 Set up on MW-47S, MW-24S, MW-TP4S

FFF Moultne 8/25/12

1729 Begin purging MW-47S @ 0.10gpm
Well dia = 2", tubing dia = 1/4",
Well screen = 22 to 32',
DTW = 18.20ft, PP,
Well vol = 2.18 x 3 = 6.54gal,
tubing depth = 20ft

1732 Begin purging MW-24S @ 0.10gpm
Well dia = 2", tubing dia = 1/4",
Well ~~int~~ BC screen = 20.75 to 30.75',
DTW = 13.00ft, PP, well vol =
2.66 x 3 = 7.97gal, tubing
depth = 15ft

1733 Begin purging MW-TP4S @ 0.10gpm
well dia = 2", tubing dia = 1/4",
Screen interval = 15 to 25ft,
DTW = 14.43', PP, Well vol =
1.69 x 3 = 5.06gal, tubing depth = 17ft

Cont. MW-47S

Time	Temp	sp.cond.	DO	pH	ORP	Turb	DTW
1835	22.00	63	4.44	4.98	126.0	1.83	18.37
1838	22.00	61	4.44	4.98	125.4	2.70	↓
1841	22.01	61	4.38	5.01	124.8	1.53	↓

1845 Collect MW-47S for 6020 (site metals), clear / no odor

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total purged vol = 7.2gal
total depth = 31.64 ft, decon water level

Cont. MW-TP4S

Time	Temp	sp. cond.	DO	pH	ORP	Turb	DTW
1842	22.16	110	3.94	4.62	216.9	2.13	14.92
1845	22.15	110	3.93	4.62	217.5	1.27	↓
1848	22.17	109	3.93	4.63	218.0	1.66	↓

1852 Collect MW-TP4S ~~1852~~ BC for 6020 (site metals), clear / no odor
total purged vol = 7.5gal,
total depth = 24.59ft decon water level

Cont. MW-24S

Time	Temp	sp. cond.	DO	pH	ORP	Turb	DTW
1852	22.48	89	4.31	4.19	145.9	0.92	13.54
1855	22.50	89	4.25	4.17	145.4	0.94	13.54
1858	22.51	88	4.20	4.15	147.8	0.92	↓

1905 Collect MW-24S for 6020 (site metals), clear / no odor
total purged vol = 8.6 gal,
total depth = 29.64ft, decon water level

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Cont. MW-19S

Time	Temp	sp. cond.	DO	pH	ORP	Turb	DTW
1915	25.40	2840	1.22	4.94	198.7	5.69	9.74
1918	25.31	2839	1.10	4.93	198.1	5.22	↓
1921	25.28	2839	1.10	4.93	198.1	5.46	↓

1925 Collect MW-19S for 6020 (site metals)
Clear/no odor, total vol purged = 10.68 gal, total depth = 16.45 ft, final tubing depth = 12 ft, decon water level

1935 Dump purge water

1945 Site clean & secure
URS offsite to Tallahassee
Test America to pick up more bottles & filters

BCromer 8-25-12

FFF Moultrie 8/26/12

0800 URS (A. Bryant & B. Cromer) onsite
weather: 73° sunny/clear
forecast: 91° sunny
currently: breezy
Health & safety meeting: slips, trips, falls, tool safety, ants/wasps/snakes, traffic, heat, lightening

0840 Verify YSI 11 2B101632 & HACH 10080C003867
YSI 11J101187 & HACH 11080C011521

0940 Dump purge water

1000 Set up on MW-TP5S & MW-TP5I

1016 Begin purging MW-TP5S @ 0.05 gpm
well dia = 2", tubing dia = 1/4".
Well screen = 15 to 25 ft,
DTW = 10.23 ft, PP, well vol = 2.40 x 3 = 7.20 gal, tubing depth = 17 ft

1020 Begin purging MW-TP5I @ 0.08 gpm

FFF Moultrie 8/26/12

well dia = 2", tubing dia = 1/4", well screen = 45 to 50ft, DTW = 15.83ft, PP, equipment vol = 0.40 gal, tubing depth = 47.5ft,

1022 Set up on MW-23S

1026 Begin purging MW-23S @ 0.08gpm well dia = 2", tubing dia = 1/4", well screen = 22.5 to 32.5ft, DTW = 14.86, PP, well vol = 2.67 x 3 = 8.02 gal, tubing depth = 17ft

1030 Set up on FFFW-2-R & FFFW-2I

1036 Begin purging FFFW-2I @ 0.12gpm well dia = 2", tubing dia = 1/4", well screen = 45 to 50ft, DTW = 17.63ft PP, equipment vol = 0.38 gal, tubing depth = 47.5ft

1038 Begin purging FFFW-2S @ well dia = 2", tubing dia = 1/4", well screen = 17 to 27ft, DTW = 17.17ft, PP, well vol = 1.94 x 3 = 5.82gal, tubing depth = 19ft

Cont FFFW-2I

Time	Temp	sp. cond.	DO	pH	ORP	Turb	DTW
1054	22.20	223	2.41	5.62	131.5	1.61	18.10
1059	22.19	227	2.30	5.58	138.2	1.65	↓
1104	22.19	244	1.92	5.50	148.7	1.52	
1109	22.18	269	1.66	5.46	155.7	1.48	
1114	22.15	288	1.56	5.43	162.4	1.30	
1119	22.18	303	1.46	5.43	166.7	1.33	
1124	22.18	313	1.37	5.43	170.9	1.38	

1130 Collect FFFW-2I for 6020 (site metals)

Clear / no odor, total purged vol = 5.76 gal, total depth = 52.69' decon water level

Cont. MW-TP5I

Time	Temp	sp cond	DO	pH	ORP	Turb	DTW
1128	22.96	60	0.50	5.86	142.7	413	21.56
1133	22.95	59	0.48	5.85	143.0	398	↓
1138	22.93	59	0.47	5.85	141.9	384	

1145 Collect MW-TP5I for 6020 site metals 6020 filtered

Clear / no odor, total purged vol = 6.24 gal, total depth = 52.78ft decon water level

FFF Moultrie 8/26/12

Cont. FFFW-2-R

Time	Temp	sp. cond.	DO	pH	ORP	Turb	DTW
1146	22.44	4467	0.36	3.78	343.6	2.04	17.38
1149	22.42	4507	0.38	↓	355.7	1.54	↓
1152	22.44	4520	0.35	↓	358.4	1.32	↓

1158 Collect FFFW-2-R for 6020 (site metals)
clear / no odor, total purged vol = 8.88 gal, total depth = 29.32 ft
decon water level

Cont MW-23S

Time	Temp	sp. cond	DO	pH	ORP	Turb	DTW
1207	22.83	213	3.27	4.76	268.4	1.20	17.37
1210	22.83	203	3.24	4.76	266.2	0.73	↓
1213	22.82	197	3.15	4.75	264.0	0.45	↓

1220 Collect MW-23S for 6020 (site metals)
Clear / no odor, total purged vol = 8.56 gal, total depth = 31.38 ft, decon water level

Cont. MW-TP5S

Time	Temp	sp. cond.	DO	pH	ORP	Turb	DTW
1246	23.71	18092	0.14	3.21	374.2	6.29	16.9
1249	23.69	18107	0.16	3.20	373.7	3.30	↓
1252	23.68	18085	0.17	3.21	373.3	2.48	↓

FFF Moultrie 8/26/12

1300 Collect MW-TP5S ~~for~~ BC & DUP-4 for 6020 site metals
clear / no odor, total purged ~~time~~ vol = 7.8 gal, total depth = 24.97 ft
decon water level

1315 Dump purge water

1330 Begin labeling and sealing 55-gal drums

1345 Collect EQ-1 - DI water provided by Test America Tallahassee, FL

1350 Collect EQ-2 - DI water provided by Test America Tallahassee, FL

1430 Drum labeled and sealed

1445 Site clean & secure. LRS offsite

BCromer 8-26-12

FFF MOULTRIE

Rite in the Rain®

ALL-WEATHER

LEVEL

FIELD BOOK

№ 310

Moultrie, Georgia

Book 4

FFF MOULTRIE, GEORGIA

60 35/85 @ 72min

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-15-R	SAMPLE ID: MW-15R	DATE: 8/23/2022

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 5.50	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)
= (14.53 feet – 5.50 feet) X 0.16 gallons/foot = 1.45 x3 4.34 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): 11.5	PURGING INITIATED AT: 0812	PURGING ENDED AT: 0953	TOTAL VOLUME PURGED (gallons): 5.46

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)	COLOR (describe)	ODOR (describe)	ORP mV
0947	5.1 ~~4.25~~	5.1	0.06	10.41	6.34	26.86	525	0.41	11.5	clear	none	23.4
0950	0.18 ~~0.15~~	5.28	0.06	10.41	6.30	26.88	525	0.39	11.7			25.4
0953	0.18	5.46	0.06	10.41	6.28	26.88	526	0.40	10.7			26.8

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 0954	SAMPLING ENDED AT: 1000
PUMP OR TUBING DEPTH IN WELL (feet): 11.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: (Y) N Filtration Equipment Type:	FILTER SIZE: ____ 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-15R	1	PE	250mL	HNO3	—	—	6020	APP	100
MW-15R	1	PE	250mL	HNO3	—	—	6020 Filter	APP	100

REMARKS: Total Depth: 14.56

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

12 min

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia	
WELL NO: MW-1I-R	SAMPLE ID: MW-1I-R	DATE: 8/23/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 30 feet to 34.5 feet	STATIC DEPTH TO WATER (feet): 7.19	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: 1130	PURGING ENDED AT: 1152	TOTAL VOLUME PURGED (gallons): ~~2.16~~ 2.64

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)	COLOR (describe)	ODOR (describe)	ORP mV
1142	1.44	1.44	0.12	8.02	4.45	22.98	150	0.14	0.25	clear	none	300.0
1147	0.01 ~~0.30~~	2.01 ~~1.8~~	0.12	8.02	4.45	22.98	151	0.12	0.26	|	|	306.7
1152	0.00 ~~0.30~~	2.01 ~~2.16~~	0.12	8.02	4.45	23.00	151	0.12	0.18	|	|	309.7

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1153	SAMPLING ENDED AT: 1200
PUMP OR TUBING DEPTH IN WELL (feet): 32	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 37.03

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

600
5
73min B

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia	
WELL NO: MW-2S	SAMPLE ID: MW-2S	DATE: 8/23/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 2.42	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)
= (14.48 feet – 2.42 feet) X 0.16 gallons/foot = 1.93 x 3 = 5.79 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): 4.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5	PURGING INITIATED AT: 0755	PURGING ENDED AT: 0914	TOTAL VOLUME PURGED (gallons): 6.32

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)	COLOR (describe)	ODOR (describe)	ORP mV
0908	5.84	5.84	0.08	3.59	3.64	23.36	632	2.18	0.27	clear	none	452.7
0911	0.24	6.08	0.08	3.59	3.64	23.35	632	2.18	0.27	↑	↑	450.1
0914	0.24	6.32	0.08	3.59	3.64	23.36	632	2.18	0.23	↑	↑	451.2

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant	SAMPLING INITIATED AT: 0915	SAMPLING ENDED AT: 0920
PUMP OR TUBING DEPTH IN WELL (feet): 5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 14.41

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

10min
3min

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-2I	SAMPLE ID: MW-2I — DATE: 8/23/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 30 feet to 35 feet	STATIC DEPTH TO WATER (feet): 6.12	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: 0821 ~~0755~~	PURGING ENDED AT: 0851	TOTAL VOLUME PURGED (gallons): 2.4

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)	COLOR (describe)	ODOR (describe)	ORP mV
0841	1.2	1.2	~~0.06~~ 0.12	6.26	4.35	20.27	138	0.23	5.13	clear	none	140.7
0846	0.6	1.8	0.12	6.26	4.34	20.27	137	0.25	0.78	|	|	145.9
0851	0.6	2.4	0.12	6.26	4.29	20.27	137	0.30	0.99	|	|	154.8

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / BCromer	SAMPLING INITIATED AT: 0852	SAMPLING ENDED AT: 0855
PUMP OR TUBING DEPTH IN WELL (feet): 32.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y N (Filtration Equipment Type:)	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 35.26

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

60
60
1
121
111 min

1345

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie		SITE LOCATION: Moultrie, Georgia	
WELL NO: MW-3S	SAMPLE ID: MW-3S		DATE: 8/22/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 4.24	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)
= (13.49 feet – 4.24 feet) X 0.16 gallons/foot = 1.48 x3 4.44 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): 13.25	PURGING INITIATED AT: 1154	PURGING ENDED AT: 1401	TOTAL VOLUME PURGED (gallons): 5.08

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)	COLOR (describe)	ODOR (describe)	ORP mV
1355	4.84	4.84	0.04	13.16	2.98	25.04	5128	DO 13.0	6.54	clear	none	432.9
1358	0.12	4.96	0.04	↓	2.98	24.97	5125	0.94	7.07	↓	↓	438.2
1401	0.12	5.08	0.04	↓	2.98	24.98	5124	0.95	3.25	↓	↓	457.6

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1402	SAMPLING ENDED AT: 1406
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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-3S	1	PE	250mL	HNO_3	—	—	6020	APP	100
DUP-3	1	PE	250mL	HNO_3	—	—	6020	APP	100

REMARKS: DUP-3 Total Depth = 13.47

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

10 2/12

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-3I	SAMPLE ID: MW-3I	DATE: 8/22/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 35 feet to 40 feet	STATIC DEPTH TO WATER (feet): 7.43	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)
= (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)
= 6 gallons + (0.0026 gallons/foot X 45 feet) + 0.25 gallons = 0.37 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 37.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 37.5	PURGING INITIATED AT: 1545	PURGING ENDED AT: 1607	TOTAL VOLUME PURGED (gallons): ~~2.16~~ 2.44 BC

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)	COLOR (describe)	ODOR (describe)	ORP mV
1557	1.44	1.44	0.12	7.63	4.54	22.97	190	0.09	3.28	clear	none	237.7
1602	0.80	2.24 ~~1.8~~	0.12	↓	4.54	22.95	190	0.08	3.49	|	|	241.2
1607	0.80	2.44 ~~2.16~~	0.12	↓	4.54	23.03	190	0.08	3.77	|	|	247.2

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1608	SAMPLING ENDED AT: 1610
PUMP OR TUBING DEPTH IN WELL (feet): 37.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 39.73

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

121 60 60 4 124

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia	
WELL NO: MW-4S	SAMPLE ID: MW-4S	DATE: 8/25/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 1.84	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)
= (11.91 feet – 1.84 feet) X 0.16 gallons/foot = 1.62X3 = 4.84 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): 4	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11	PURGING INITIATED AT: 1430	PURGING ENDED AT: 1640	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 ~~COLOR~~ (describe) mV	Color/ ODOR (describe)
1634	4.96	4.96	0.04	10.29	5.99	30.02	15657	0.18	1.36	242.4	clear/none
1637	0.12	5.08	0.04	10.29	6.00	29.98	15670	0.17	1.43	242.4	
1640	0.12	5.2	0.04	10.29	6.00	29.98	15669	0.20	1.75	242.4	

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1641	SAMPLING ENDED AT: 1645
PUMP OR TUBING DEPTH IN WELL (feet): 11	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 11.65

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

54 min 1726

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia	
WELL NO: MW-5S-R	SAMPLE ID: MW-5S-R	DATE: 8/22/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 5.24	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)
= (16.47 feet – 5.24 feet) x 0.16 gallons/foot = 1.80 x3 5.40 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: 1730	PURGING ENDED AT: 1832	TOTAL VOLUME PURGED (gallons): 6.0

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)	COLOR (describe)	ODOR (describe)	ORP mV
1826	5.4	5.4	0.10	7.54	6.21	26.35	969	0.59	45.4	cloudy	none	9.0
1829	0.3	5.7	0.10	7.54	6.21	26.34	977	0.55	44.6	|	|	7.2
1832	0.3	6.0	0.10	7.54	6.20	26.35	990	0.44	48.4	|	|	5.5

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1833	SAMPLING ENDED AT: 1840
PUMP OR TUBING DEPTH IN WELL (feet): 9	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ____ 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-5SR	1	PE	250mL	HNO_3	—	—	6020	APP	100
MW-5SR	1	PE	250mL	HNO_3	—	—	6020 Filter	APP	100

REMARKS: Total Depth: 16.49

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

87 mins

SITE NAME: FFF Moultrie		SITE LOCATION: Moultrie, GA	
WELL NO: MW-6SR	SAMPLE ID: MW-6SR		DATE: 8/22/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 6.19	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)
= (17.02 feet – 6.19 feet) X 0.16 gallons/foot = 1.73 x 3 = 5.20 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): 15	PURGING INITIATED AT: 1200	PURGING ENDED AT: 1333	TOTAL VOLUME PURGED (gallons): 5.58

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)	COLOR (describe)	ODOR (describe)	ORP
1327	5.22	5.22	0.06	13.12	3.13	26.50	7202	0.62	1.53	clear	none	245.6
1330	0.18	5.4	0.06	↓	3.13	26.41	7203	0.63	1.45	↓	↓	246.0
1333	0.18	5.58	0.06	↓	3.12	26.43	7204	0.64	1.39	↓	↓	246.1

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1334	SAMPLING ENDED AT: 1340
PUMP OR TUBING DEPTH IN WELL (feet): 15	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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-6S-R	1	PE	250mL	HNO_3	—	—	6020	APP	100
DUP-1	1	PE	250mL	HNO_3	—	—	6020	APP	100

REMARKS: DUP-1 Total Depth: 16.75

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

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GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-6I	SAMPLE ID: MW-6I	DATE: 8/23/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 28 feet to 33 feet	STATIC DEPTH TO WATER (feet): 5.33	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: 1223	PURGING ENDED AT: 1240	TOTAL VOLUME PURGED (gallons): 2.21

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)	COLOR (describe)	ODOR (describe)	ORP mV
1230	0.91	0.91	0.13	5.68	4.46	23.67	212	0.13	1.34	clear	none	295.5
1235	0.65	1.56	0.13	5.68	4.47	23.64	215	0.15	1.62	|	|	298.4
1240	0.65	2.21	0.13	5.68	4.47	23.61	217	0.12	1.40	|	|	299.9

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1241	SAMPLING ENDED AT: 1245
PUMP OR TUBING DEPTH IN WELL (feet): 30	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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-6I	1	PE	250mL	HNO3	—	—	6020	APP	100

REMARKS: Total Depth 33.44

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

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Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-7SR	SAMPLE ID: MW-7SR	DATE: 8/22/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 6.69	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)
= (16.93 feet – 6.69 feet) X 0.16 gallons/foot = 1.59 x3 4.77 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): 9	PURGING INITIATED AT: 0806	PURGING ENDED AT: 0916	TOTAL VOLUME PURGED (gallons): 5.6

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 mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP mV
0910	5.12	5.12	0.08	8.49	3.20	26.46	2390	0.30	24.2	clear	none	388.2
0913	0.24	5.36	0.08	8.49	3.19	26.48	2393	0.31	31.1	|	|	387.6
0916	0.24	5.6	0.08	8.49	3.19	26.47	2396	0.29	38.5	|	|	388.5

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: A. Bryant / B. Cromer	SAMPLER(S) SIGNATURE(S): Amber Bryant / B Cromer	SAMPLING INITIATED AT: 0917	SAMPLING ENDED AT: 0920
PUMP OR TUBING DEPTH IN WELL (feet): 9	TUBING MATERIAL CODE: PE	FIELD-FILTERED: (Y) N Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	0	0	6020	APP	100
MW-7S-R	1	PE	250mL	"	"	"	6020 metals-filtered	"	"

REMARKS: Total Depth: 14.09

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-7I	SAMPLE ID: MW-7I — DATE: 8/23/2012

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	39.5 feet to 49.5 feet	9.06	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) + 0.025 gallons = 0.155 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
44.5	44.5	1700	1719	1.9

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)	COLOR (describe)	ODOR (describe)	ORP mV
1709	0.9	0.9	0.10	10.37	3.97	21.72	743	0.42	2.11	clear	none	245.7
1714	0.5	1.4	0.10	10.37	3.95	21.69	760	0.44	1.58	|	|	245.7
1719	0.5	1.9	0.10	10.37	3.94	21.67	769	0.47	1.89	|	|	245.5

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:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
A. Bryant, B. Cromer / URS	Amelia Bryant / B. Cromer	1720	1725

PUMP OR TUBING DEPTH IN WELL (feet): 44.5
TUBING MATERIAL CODE: PE
FIELD-FILTERED: Y (N) Filtration Equipment Type:
FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 49.77

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-8I	SAMPLE ID: MW-8I	DATE: 8/22/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 30 feet to 35 feet	STATIC DEPTH TO WATER (feet): 11.51	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: 1202	PURGING ENDED AT: 1321	TOTAL VOLUME PURGED (gallons) ~~6.00~~ 6.32 BC

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)	COLOR (describe)	ODOR (describe)	ORP mV
1311	5.52	5.52	0.08	11.67	4.17	23.23	301	0.18	2.08	clear	none	99.4
1316	0.40	5.92	0.08	11.67	4.18	23.40	300	0.16	1.69	|	|	101.4
1321	0.40	6.32	0.08	11.67	4.17	23.34	301	0.21	1.02	|	|	103.5

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1322	SAMPLING ENDED AT: 1325
PUMP OR TUBING DEPTH IN WELL (feet): 32.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO3	—	—	6020	APP	100

REMARKS: Total Depth: 37.82

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

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Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-9SR	SAMPLE ID: MW-9SR	DATE: 8/22/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 4 feet to 15 feet	STATIC DEPTH TO WATER (feet): 5.63	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)
= (17.71 feet – 5.63 feet) X 0.16 gallons/foot = 1.94 x 3 5.80 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: 0827	PURGING ENDED AT: 0941	TOTAL VOLUME PURGED (gallons): 7.4

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)	COLOR (describe)	ODOR (describe)	ORP mV
0935	6.8	6.8	0.10	6.55	4.15	21.81	1180	0.24	2.69	clear	none	157.0
0938	0.3	7.1	0.10	6.55	4.14	21.81	1180	0.23	2.97	|	|	157.2
0941	0.3	7.4	0.10	6.55	4.14	21.84	1177	0.23	1.71	|	|	157.3

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: A. Bryant / B. Cromer	SAMPLER(S) SIGNATURE(S): Amber Bryant / B. Cromer	SAMPLING INITIATED AT: 0942	SAMPLING ENDED AT: 0945
PUMP OR TUBING DEPTH IN WELL (feet): 8	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100mL

REMARKS: Total Depth: 16.72

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-105-R	SAMPLE ID: MW-105-R	DATE: 8/22/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 6.48	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)
= (16.52 feet – 6.48 feet) X 0.16 gallons/foot = 1.61 x3 4.82 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): 9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10	PURGING INITIATED AT: 1737	PURGING ENDED AT: 1847	TOTAL VOLUME PURGED (gallons): 5.6

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)	COLOR (describe)	ODOR (describe)	ORP mV
1841	5.12	0.08	5.12	8.45	5.28	24.83	194	0.10	4.50	clear	none	184.1
1844	0.24	0.08	5.36	8.45	5.29	24.80	194	0.10	3.67			182.3
1847	0.24	0.08	5.6	8.45	5.29	24.82	195	0.10	3.51			180.7

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1848	SAMPLING ENDED AT: 1855
PUMP OR TUBING DEPTH IN WELL (feet): 10	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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-105-R	1	PE	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 16.52

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-10I	SAMPLE ID: MW-10I	DATE: 8/22/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 35 feet to 40 feet	STATIC DEPTH TO WATER (feet): 6.23	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)
= (~~40.47~~ AB feet – ~~6.23~~ AB 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 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: 1737	PURGING ENDED AT: 1759	TOTAL VOLUME PURGED (gallons): ~~2.2~~ 2.6

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)	COLOR (describe)	ODOR (describe)	ORP mV
1749	1.6	1.6	0.10	8.02	5.68	23.38	96	0.32	9.74	clear	none	67.0
1754	0.5	2.1 ~~1.9~~	0.10	8.02	5.67	23.26	96	0.33	9.93			63.2
1759	0.5	2.6 ~~2.2~~	0.10	8.02	5.66	23.25	96	0.31	6.88			67.6

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1800	SAMPLING ENDED AT: 1805
PUMP OR TUBING DEPTH IN WELL (feet): 37.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 41.96

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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60
48
8
108
~~41 min~~

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie Georgia
WELL NO: MW-11S	SAMPLE ID: MW-11S — DATE: 8/22/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 5.56	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)
= (13.08 feet – 5.56 feet) X 0.16 gallons/foot = 1.21 x3 3.61 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: 1720	PURGING ENDED AT: 1914	TOTAL VOLUME PURGED (gallons): 4.56

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)	COLOR (describe)	ODOR (describe)	ORP mV
1908	4.32	4.32	0.04	8.88	6.60	23.67	1778	0.99	50.6	slgt yellow	none	-81.4
1911	0.12	4.44	0.04	8.88	6.61	23.69	1776	0.90	58.4	"	"	-75.7
1914	0.12	4.56	0.04	8.88	6.61	23.65	1774	0.93	55.4			-71.5

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amber Bryant / B Cromer	SAMPLING INITIATED AT: 1915	SAMPLING ENDED AT: 1930
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE	FIELD-FILTERED: (Y) N — Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100
MW-11S	1	PE	250mL	HNO_3	—	—	6020 Filter	APP	100

REMARKS: [redacted]al Depth: 13.12

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

60
22
82

73 min

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie		SITE LOCATION: Moultrie, Georgia	
WELL NO: MW-12S	SAMPLE ID: MW-12S		DATE: 8/23/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 15 feet to 25 feet	STATIC DEPTH TO WATER (feet): 9.78	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)
= (24.94 feet – 9.78 feet) x 0.16 gallons/foot = 2.43 x3 7.28 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): 13	PURGING INITIATED AT: 1125	PURGING ENDED AT: 1253	TOTAL VOLUME PURGED (gallons): 8.8

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)	COLOR (describe)	ODOR (describe)	ORP mV
1247	8.2	8.2	0.1	11.97	3.33	22.83	8701	0.18	2.57	clear	none	378.4
1250	0.3	8.5	0.1	11.97	3.33	22.82	8692	0.17	3.20	|	|	381.0
1253	0.3	8.8	0.1	11.97	3.33	22.80	8684	0.15	2.67	|	|	383.0

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / Brittany Cromer	SAMPLING INITIATED AT: ~~1125~~ 1254	SAMPLING ENDED AT: 1300
PUMP OR TUBING DEPTH IN WELL (feet): 13	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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-12S	1	PE	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 24.46

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFE Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-12I	SAMPLE ID: MW-12I — DATE: 8/23/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 33.5 feet to 38 feet	STATIC DEPTH TO WATER (feet): 9.72	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)
= (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

8/6/14

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 36	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 36	PURGING INITIATED AT: 1552	PURGING ENDED AT: 1612	TOTAL VOLUME PURGED (gallons): 2.88

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)	COLOR (describe)	ODOR (describe)	ORP mV
1602	1.68	1.68	0.12	10.04	4.14	22.44	374	0.25	4.94	clear	none	232.0
1607	0.86	2.54	0.12	10.04	4.14	22.42	375	0.22	4.14	/	/	232.1
1612	0.86	3.40	0.12	10.04	4.15	22.44	375	0.18	1.75	/	/	232.2

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: A. Bryant, B. Cramer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cramer	SAMPLING INITIATED AT: 1613	SAMPLING ENDED AT: 1615
PUMP OR TUBING DEPTH IN WELL (feet): 36	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 38.56ft

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

55mm 1116

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-13 SR	SAMPLE ID: MW-13 SR — DATE: 8/22/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 4.74	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 – 4.74 feet) X 0.16 gallons/foot = 1.98 x3 5.95 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): 7	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7	PURGING INITIATED AT: 1021	PURGING ENDED AT: 1122	TOTAL VOLUME PURGED (gallons): 6.71

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)	COLOR (describe)	ODOR (describe)	ORP mV
1116	6.05	6.05	0.11	6.02	5.67	21.70	594	0.09	25.1	clear	none	164.7
1119	0.33	6.38	0.11	6.02	5.69	21.83	592	0.08	16.8	|	|	160.1
1122	0.33	6.71	0.11	6.02	5.69	21.78	593	0.08	14.3	|	|	159.6

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: B. Cromer, A. Bryant / URS	SAMPLER(S) SIGNATURE(S): Amber Bryant / B. Cromer	SAMPLING INITIATED AT: 1123	SAMPLING ENDED AT: 1125
PUMP OR TUBING DEPTH IN WELL (feet): 7	TUBING MATERIAL CODE: PE	FIELD-FILTERED: (Y) N Filtration Equipment Type:	FILTER SIZE: ____ 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-13SR	1	PE	250mL	HNO_3	—	—	6020	APP	100
MW-13SR	1	PE	250mL	HNO_3	—	—	6020 Filter	APP	100

REMARKS: Total Depth: 16.87

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

7/5/12

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-13I	SAMPLE ID: MW-13I / DATE: 8/23/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 44 feet to 54 feet	STATIC DEPTH TO WATER (feet): 13.78	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: 1853	PURGING ENDED AT: 1915	TOTAL VOLUME PURGED (gallons): 1.1

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)	COLOR (describe)	ODOR (describe)	ORP mV
1905	0.6	0.6	0.05	17.49	8.00	23.84	88	5.05	2.46	clear	none	159.3
1910	0.25	0.85	0.05	17.49	8.09	23.79	87	5.11	2.56			158.9
1915	0.25	1.1	0.05	17.49	8.16	23.76	87	5.16	2.18			158.5

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / Butler Cromer	SAMPLING INITIATED AT: 1916	SAMPLING ENDED AT: 1920
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 53.81 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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C 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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

60 3 63 ~~53 min~~

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-15S	SAMPLE ID: MW-15S — DATE: 8/23/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 10 feet to 20 feet	STATIC DEPTH TO WATER (feet): 8.91	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)
= (20.00 feet – 8.91 feet) x 0.16 gallons/foot = 1.78 x3 5.32 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: 0822	PURGING ENDED AT: 0931	TOTAL VOLUME PURGED (gallons): 6.9

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 (uS/cm)	DISSOLVED OXYGEN (circle units) mg/L or (% saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP mV
0925	6.3	6.3	0.10	9.31	3.58	21.85	1609	0.47	0.42	clear	none	308.2
0928	0.3	6.6	0.10	9.31	3.59	21.89	1605	~~0.67~~	0.67			315.7
0931	0.3	6.9	0.10	9.31	3.57	21.87	1608	0.34	0.73			322.7

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: A. Bryant / B. Cromer / VRS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 0932	SAMPLING ENDED AT: 0935
PUMP OR TUBING DEPTH IN WELL (feet): 11	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 19.80

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

~~42mm~~ 60min

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-18S	SAMPLE ID: MW-18S — DATE: 8/23/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 3 feet to 13 feet	STATIC DEPTH TO WATER (feet): 0.81	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)
= (12.91 feet – 0.81 feet) x 0.16 gallons/foot = 1.94 x3 5.81 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): 3	PURGING INITIATED AT: 1827	PURGING ENDED AT: 1933	TOTAL VOLUME PURGED (gallons): 9.24

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)	COLOR (describe)	ODOR (describe)	ORP mV
1927	8.4	8.4	0.14	2.20	5.04	22.98	460	0.33	1.41	clear	none	112.9
1930	0.42	8.82	0.14	2.20	5.03	22.98	460	0.34	1.24	|	|	111.0
1933	0.42	9.24	0.14	2.20	5.01	22.98	456	0.30	1.80	|	|	107.9

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1934	SAMPLING ENDED AT: 1940
PUMP OR TUBING DEPTH IN WELL (feet): 3	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100
DUP-6	1	PE	250mL	HNO_3	—	—	DUP	APP	100

REMARKS: 1B ~~DUP-6~~ Total Depth: 12.77

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

60
60
37
15
172
100

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-19S	SAMPLE ID: MW-19S	DATE: 8/25/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 3 feet to 13 feet	STATIC DEPTH TO WATER (feet): 3.88	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)
= (16.42 feet – 3.88 feet) X 0.16 gallons/foot = 2.01 x 3 = 6.02 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): 12	PURGING INITIATED AT: ~~1911~~ 1623	PURGING ENDED AT: 1921	TOTAL VOLUME PURGED (gallons): 10.68

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 ~~COLOR~~ (describe) mV	color/ ODOR (describe)
1915	10.32	10.32	0.06	9.74	4.94	25.40	2840	1.22	5.69	198.7	clear/none
1918	0.18	10.5	0.06	9.74	4.93	25.31	2839	1.10	5.22	198.1	"
1921	0.18	10.68	0.06	9.74	4.93	25.28	2839	1.10	5.46	198.1	"

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: A. Bryant, B. Cramer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cramer	SAMPLING INITIATED AT: 1922	SAMPLING ENDED AT: 1925
PUMP OR TUBING DEPTH IN WELL (feet): 12	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

60
12
30
102
109min

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-20s	SAMPLE ID: MW-20s	DATE: 8/25/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 5 feet to 15 feet	STATIC DEPTH TO WATER (feet): 1.47	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)
= (15.00 feet – 1.47 feet) X 0.16 gallons/foot = 2.17 x3 6.50 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 feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 4	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6	PURGING INITIATED AT: 0748	PURGING ENDED AT: 0936	TOTAL VOLUME PURGED (gallons): 7.56

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 ~~color~~ (describe) mV	color / ODOR (describe)
0930	7.14	7.14	0.87	4.75	6.39	25.41	291	0.14	2.50	-76.3	clear/slight
0933	0.21	7.35		4.75	6.39	25.42	290	0.13	3.39	-75.9	/
0936	0.21	7.56		4.75	6.38	25.43	290	0.15	2.65	-67.2	/

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 0937	SAMPLING ENDED AT: 0940
PUMP OR TUBING DEPTH IN WELL (feet): 6	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 14.76

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

60
60
14
134
134/min 2021

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie		SITE LOCATION: Moultrie, GA	
WELL NO: MW-21S	SAMPLE ID: MW-21S		DATE: 8/21/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 5 feet to 20 feet	STATIC DEPTH TO WATER (feet): 2.87	PURGE PUMP TYPE OR BAILER: APP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (19.58 feet – 2.87 feet) X 0.16 gallons/foot = 2.67 x 3 = 8.01 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): 5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10	PURGING INITIATED AT: 1807	PURGING ENDED AT: 2027	TOTAL VOLUME PURGED (gallons): 8.4

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)	COLOR (describe)	ODOR (describe)	ORP mV
2021	8.04	8.04	0.06	8.19	6.36	22.19	4294	0.50	1.77	clear	none	206.0
2024	0.18	8.22	0.06	8.19	6.37	22.18	4301	0.50	3.33	|	|	206.1
2027	0.18	8.4	0.06	8.19	6.38	22.18	4309	0.48	2.67	|	|	206.2

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 2028	SAMPLING ENDED AT: 2030
PUMP OR TUBING DEPTH IN WELL (feet): 10	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 19.41

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie		SITE LOCATION: Moultrie, GA	
WELL NO: MW-22S	SAMPLE ID: MW-22S		DATE: 8/24/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 6.5 feet to 16.5 feet	STATIC DEPTH TO WATER (feet): 3.60	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)
= (15.25 feet – 3.60 feet) X 0.16 gallons/foot = 1.87 x3 5.60 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): 12	PURGING INITIATED AT: 1238	PURGING ENDED AT: 1418	TOTAL VOLUME PURGED (gallons): 6.00

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)	COLOR (describe)	ODOR (describe)	ORP mV
1412	5.64	5.64	0.06	9.71	5.49	25.59	291	0.29	3.38	clear	none	72.7
1415	0.18	5.82	0.06	9.71	5.52	25.62	293	0.26	2.94	|	|	72.1
1418	0.18	6.00	0.06	9.71	5.53	25.77	292	0.28	2.77			72.9

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amber Bryant / B Cromer	SAMPLING INITIATED AT: 1419	SAMPLING ENDED AT: 1425
PUMP OR TUBING DEPTH IN WELL (feet): 12	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 15.25

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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60
22
12
94

60
34
7
101

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-235	SAMPLE ID: MW-235	DATE: 8/26/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 22.5 feet to 32.5 feet	STATIC DEPTH TO WATER (feet): 14.86	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)
= (31.55 feet – 14.86 feet) x 0.16 gallons/foot = 2.67 x3 8.02 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): 17	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 19	PURGING INITIATED AT: 1026	PURGING ENDED AT: 1213	TOTAL VOLUME PURGED (gallons): 8.56

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)	~~COLOR~~ ORP (describe) mV	color/ODOR (describe)
1207	8.08	8.08	0.08	17.37	4.76	22.83	213	3.27	1.20	268.4	clear/none
1210	0.24	8.32	0.08	17.37	4.76	22.83	203	3.24	0.73	266.2	
1213	0.24	8.56	0.08	17.37	4.75	22.82	197	3.15	0.45	264.0	

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1214	SAMPLING ENDED AT: 1220
PUMP OR TUBING DEPTH IN WELL (feet): 19	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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-235	1	PE	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 31.38

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

60
20
80
100

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia	
WELL NO: MW-24s	SAMPLE ID: MW-24s	DATE: 8/25/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 20.75 feet to 30.75 feet	STATIC DEPTH TO WATER (feet): 13.00	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)
= (29.60 feet – 13.00 feet) X 0.16 gallons/foot = 2.66 x3 7.97 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): 15	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 15	PURGING INITIATED AT: 1732	PURGING ENDED AT: 1858	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 ~~COLOR~~ (describe) mV	Color/ ODOR (describe)
1852	8.0	8.0	0.10	13.54	4.19	22.48	89	4.31	0.92	145.9	clear/none
1855	0.3	8.3	0.10	13.54	4.17	22.50	89	4.25	0.94	145.4	"
1858	0.3	8.6	0.10	13.54	4.15	22.51	88	4.20	0.92	147.8	"

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1859	SAMPLING ENDED AT: 1905
PUMP OR TUBING DEPTH IN WELL (feet): 15	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 29.64

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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60
52
112
~~45min~~

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-25S	SAMPLE ID: MW-25S	DATE: 8/24/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 5.25 feet to 15.25 feet	STATIC DEPTH TO WATER (feet): 6.85	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)
= (14.34 feet – 6.85 feet) X 0.16 gallons/foot = 1.20 X3 3.60 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: 1808	PURGING ENDED AT: 1806	TOTAL VOLUME PURGED (gallons): 7.08

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 µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP mV
1800	6.72	6.72	0.06	10.82	5.36	25.76	206	1.09	1.61	clear	none	84.0
1803	0.18	6.9	0.06	10.82	5.35	25.75	205	1.02	1.68	"	"	83.4
1806	0.18	7.08	0.06	10.82	5.35	25.75	205	1.03	1.91	"	"	81.3

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1807	SAMPLING ENDED AT: 1810
PUMP OR TUBING DEPTH IN WELL (feet): 12	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	HNO3	—	—	6020	APP	100

REMARKS: Total Depth: 14.18

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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60
20
18
98
~~83 mw~~

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-26s	SAMPLE ID: MW-26s	DATE: 8/25/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 5 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)
= (19.79 feet – 9.43 feet) x 0.16 gallons/foot = 1.66 x3 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): 12	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12	PURGING INITIATED AT: 0740	PURGING ENDED AT: 0924	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 ~~COLOR~~ (describe) mV	Color/ ODOR (describe)
0918	5.88	5.88	0.06	10.01	4.28	24.31	114	1.53	0.46	198.6	clear/none
0921	0.18	6.06	0.06	10.01	4.28	24.32	113	1.50	0.31	198.0	
0924	0.18	6.24	0.06	10.01	4.27	24.35	113	1.52	0.29	198.1	

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 0925	SAMPLING ENDED AT: 0930
PUMP OR TUBING DEPTH IN WELL (feet): 12	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 19.53

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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60
4
8
72

63 min

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-27S-R	SAMPLE ID: MW-27S-R	DATE: 8/22/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 4.86	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)
= (17.94 feet – 4.86 feet) X 0.16 gallons/foot = 2.09 x3 6.28 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: 1456	PURGING ENDED AT: 1614	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)	COLOR (describe)	ODOR (describe)	ORP mV
1608	7.2	7.2	0.10	5.52	6.12	25.26	1155	0.19	15.77	clear	none	-50.8
1611	0.3	7.5	0.10	5.52	6.12	25.16	1155	0.19	7.06	|	|	-50.7
1614	0.3	7.8	0.10	5.52	6.11	25.18	1155	0.19	3.92	|	|	-50.3

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: A. Bryant, B. Cromer/URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1615	SAMPLING ENDED AT: 1620
PUMP OR TUBING DEPTH IN WELL (feet): 7	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 16.95

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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Form FD 9000-24

GROUNDWATER SAMPLING LOG

92min

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie Georgia
WELL NO: MW-28S	SAMPLE ID: MW-28S	DATE: 8/21/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 16 feet to 26 feet	STATIC DEPTH TO WATER (feet): 10.17	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)
= (23.50 feet – 10.17 feet) X 0.16 gallons/foot = 2.14 x 3 6.40 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: 1226	PURGING ENDED AT: 1401	TOTAL VOLUME PURGED (gallons): 6.65

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 mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP mV
1355	6.23	6.23	0.07	11.39	4.67	27.46	1696	0.07	3.89	clear	none	112.6
1358	0.21	6.44	0.07	11.39	4.66	27.42	1710	0.07	3.76	clear	none	110.9
1401	0.21	6.65	0.07	11.39	4.64	27.45	1721	0.07	3.69	clear	none	109.3

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: Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / HB Comer	SAMPLING INITIATED AT: 1402	SAMPLING ENDED AT: 1405
PUMP OR TUBING DEPTH IN WELL (feet): 12	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 23.56

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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60
60
18
118 138

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie Georgia
WELL NO: MW-29S	SAMPLE ID: MW-29S	DATE: 8/21/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 19 feet to 29 feet	STATIC DEPTH TO WATER (feet): 9.[redacted]	PURGE PUMP TYPE OR BAILER: [redacted]

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (29.36 feet – 9.76 feet) X 0.[redacted] gallons/foot = [redacted] 9.41 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: 1436	PURGING ENDED AT: 1700	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 µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP mV
1654	11.04	11.04	0.08	10.21	3.53	22.90	2115	0.38	0.83	clear	none	165.0
1657	0.24	11.28	0.08	10.21	3.55	22.80	2112	0.35	0.78	clear	none	165.0
1700	0.24	11.52	0.08	"	3.54	22.71	2109	0.29	0.29	clear	none	164.9

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: Amelia Bryant / Brittany Cromer - VRS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / Brittany Cromer	SAMPLING INITIATED AT: 1701	SAMPLING ENDED AT: 1706
PUMP OR TUBING DEPTH IN WELL (feet): 12	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: (Y) N	

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

REMARKS: DUP-2 Total Depth: 29.21

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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60
60
60
15
195 | 95 min

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia	
WELL NO: MW-30S	SAMPLE ID: MW-30S	DATE: 8/21/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 18.5 feet to 38.5 feet	STATIC DEPTH TO WATER (feet): 10.81	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)
= (39.15 feet – 10.81 feet) X 0.16 gallons/foot = 4.54 x3 13.61 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: 1430	PURGING ENDED AT: 1751	TOTAL VOLUME PURGED (gallons): 14.07

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)	COLOR (describe)	ODOR (describe)	ORP mV
1745	13.65	13.65	0.07	11.57	4.02	23.55	528	1.20	2.08	clear	none	121.8
1748	0.21	13.85	0.07	11.57	4.02	23.56	527	1.21	1.51	clear	none	122.3
1751	0.21	14.07	0.07	11.57	4.02	23.59	527	1.19	2.80	clear	none	124.0

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: Amelia Bryant, Brittany Cromer/NBS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1752	SAMPLING ENDED AT: 1755
PUMP OR TUBING DEPTH IN WELL (feet): 13	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 38.97

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie		SITE LOCATION: Moultrie, GA	
WELL NO: MW-31S	SAMPLE ID: MW-31S		DATE: 8/24/12

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 19.5 feet to 39.5 feet	STATIC DEPTH TO WATER (feet): 10.88	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)
= (40.66 feet – 10.88 feet) X 0.16 gallons/foot = 4.77 x 3 = 14.3 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): 13	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 35	PURGING INITIATED AT: 1509	PURGING ENDED AT: 8/24 1046	TOTAL VOLUME PURGED (gallons): 25.96

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)	COLOR (describe)	ODOR (describe)	ORP MV
1918	4.98	4.98	0.02									
1919	0.02	5.00	0.12	Water level will not stabilize speed up purge rate								
1955	4.32	9.32	End purge, dark									
	8/24/12											
0718	9.32	9.32	0.08		4.71							
1040	16.16	25.48	0.08	31.64	~~4.77~~ 4.71	26.12	112	5.95	9.09	clear	none	249.9
1043	0.24	25.72	0.08	↓	4.71	26.14	112	5.92	6.84	↓	↓	250.9
1046	0.24	25.96	0.08	↓	4.71	26.16	112	5.85	7.92	↓	↓	251.0

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: A. Bryant / B. Cromer / URS	SAMPLER(S) SIGNATURE(S): B Cromer	SAMPLING INITIATED AT: 1047	SAMPLING ENDED AT: 1053
PUMP OR TUBING DEPTH IN WELL (feet): 35	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total : 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: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

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Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie Georgia
WELL NO: MW-32S-R	SAMPLE ID: MW-32S-R
	DATE: 8/21/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 3 feet to 13 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)
= (15.75 feet – 4.84 feet) X 0.16 gallons/foot = 1.75 x3 5.24 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): 7	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8	PURGING INITIATED AT: 1832	PURGING ENDED AT: 1953	TOTAL VOLUME PURGED (gallons): 5.67

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)	COLOR (describe)	ODOR (describe)	ORP mV
1947	5.25	5.25	0.07	6.88	4.86	26.64	7340	0.20	11.9	slt yellow	slt odor	204.1
1950	0.21	5.46	0.07	6.88	4.85	26.63	7360	0.27	10.6			204.0
1953	0.21	5.67	0.07	6.88	4.84	26.62	7377	0.28	9.8			202.7

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: A. Bryant, B. Cromer / GRS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1954	SAMPLING ENDED AT: 2000
PUMP OR TUBING DEPTH IN WELL (feet): ~~PE~~ 8	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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			
MW32SR	1	PE	250mL	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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C 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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie		SITE LOCATION: Moultrie, GA	8/21/2012
WELL NO: MW-32I	SAMPLE ID: MW-32I	DATE: 8/21/12	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 22 feet to 27 feet	STATIC DEPTH TO WATER (feet): 9.26	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)
= (30.16 feet – 9.26 feet) X 0.16 gallons/foot = 3.35 X 3 = 10.04 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): 12	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12	PURGING INITIATED AT: 1826	PURGING ENDED AT: 2041	TOTAL VOLUME PURGED (gallons): 10.8

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)	COLOR (describe)	ODOR (describe)	ORP mV
2035	10.32	10.32	0.08	10.06	3.63	23.94	3016	0.10	2.27	Clear	none	199.4
2038	0.24	10.56	0.08	↓	3.62	23.88	2990	0.07	2.09	↓	↓	199.0
2041	0.24	10.8	0.08	↓	3.63	23.87	2979	0.07	2.28	↓	↓	198.5

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: A. Bryant / B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 2042	SAMPLING ENDED AT: 2045
PUMP OR TUBING DEPTH IN WELL (feet): 12	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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-32I	1	PE	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 29.92

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-33S	SAMPLE ID: MW-33S	DATE: 8/24/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 17 feet to 27 feet	STATIC DEPTH TO WATER (feet): 8.07	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)
= (27.36 feet – 8.07 feet) X 0.16 gallons/foot = 3.09 x3 9.26 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): 10	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10	PURGING INITIATED AT: 1554	PURGING ENDED AT: 1721	TOTAL VOLUME PURGED (gallons): 12.18

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)	COLOR (describe)	ODOR (describe)	ORP mV
1715	11.34	11.34	0.14	8.40	4.84	21.35	70	6.12	1.83	clear	none	106.0
1718	0.42	11.76	0.14	8.40	4.77	21.35	69	6.13	1.89	|	|	106.5
1721	0.42	12.18	0.14	8.40	4.70	21.35	70	6.13	1.25	|	|	109.6

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1722	SAMPLING ENDED AT: 1725
PUMP OR TUBING DEPTH IN WELL (feet): 10	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 27.23

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: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-34s	SAMPLE ID: MW-34s	DATE: 8/25/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 2.73	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)
= (14.66 feet – 2.73 feet) X 0.16 gallons/foot = 1.91 x3 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): 5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5	PURGING INITIATED AT: 1047	PURGING ENDED AT: 1321	TOTAL VOLUME PURGED (gallons): 9.24

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 ~~COLOR~~ (describe) mV	color/ ODOR (describe)
1315	8.88	8.88	0.06	3.57	5.09	27.08	32934	0.12	2.69	227.0	clear/none
1318	0.18	9.06	0.06	3.57	5.08	27.11	32942	0.12	2.54	225.5	"
1321	0.18	9.24	0.06	3.57	5.08	27.12	32944	0.12	2.36	224.0	

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: A. Bryant, B. Cramer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cramer	SAMPLING INITIATED AT: 1322	SAMPLING ENDED AT: 1325
PUMP OR TUBING DEPTH IN WELL (feet): 5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100
DUP-6	1	PE	250mL	HNO_3	—	—	6020 DUP	APP	100

REMARKS: Total Depth: 14.77 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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie		SITE LOCATION: Moultrie, GA	
WELL NO: MW-34I	SAMPLE ID: MW-34I		DATE: 8/25/12

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH 38 feet to 43 feet	STATIC DEPTH TO WATER (feet): 4.63	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: 1044	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons): 1332

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 ~~COLOR~~ (describe)	ODOR (describe)
1221	12.12	12.12	0.12	8.97	5.96	23.95	87	3.92	300	77.1	cloudy/none
1226	0.6	12.72	↓	↓	5.97	23.86	82	3.96	287	90.0	↓
1231	0.6	13.32	↓	↓	5.97	23.89	84	3.86	280	99.7	↓

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: A.Bryant/B.Cromer/URS	SAMPLER(S) SIGNATURE(S): B.Cromer	SAMPLING INITIATED AT: 1232	SAMPLING ENDED AT: 1235
PUMP OR TUBING DEPTH IN WELL (feet): 40.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO3	—	—	6020	APP	100
MW-34I	1	PE	250mL	↓	—	—	6020 filtered	APP	100

REMARKS: Total Depth: 45.63ft *Purging extended in an effort to lower turbidity

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

79 min

SITE NAME: FFF Monitored	SITE LOCATION: Monitored, Georgia
WELL NO: MW-35S	SAMPLE ID: MW-35S	DATE: 8/21/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 15 feet to 25 feet	STATIC DEPTH TO WATER (feet): 9.82	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)
= (24.54 feet – 9.82 feet) X 0.16 gallons/foot = 2.36 gallons x3 = 7.07

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: 1035	PURGING ENDED AT: 1202	TOTAL VOLUME PURGED (gallons): 7.83

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)	COLOR (describe)	ODOR (describe)	ORP mV
1156	7.29	7.29	0.08	10.47	3.85	27.36	577	0.13	0.57	clear	none	128.0
1159	0.27	7.56	0.09	10.47	3.84	27.47	576	0.13	0.46	clear	none	128.7
1202	0.27	7.83	0.09	10.47	3.84	27.41	577	0.13	0.44	clear	none	128.6

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: Amelia Bryant / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant AB Cromer	SAMPLING INITIATED AT: 1203	SAMPLING ENDED AT: 1210
PUMP OR TUBING DEPTH IN WELL (feet): 12	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO3	—	—	6020	APP	100
MW-35S	1	PE	250mL	HNO3	—	—	Mercury	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: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

46 1100

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, GA
WELL NO: MW-36S	SAMPLE ID: MW-36S
DATE: 8/22/2012	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 5.14	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)
= (16.59 feet – 5.14 feet) X 0.16 gallons/foot = 1.84 x3 5.50 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 feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8	PURGING INITIATED AT: 1014	PURGING ENDED AT: 1106	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)	COLOR (describe)	ODOR (describe)	ORP mV
1100	5.52	5.52	0.12	5.91	4.03	23.45	880	0.22	4.09	Clear	no odor	-149.5
1103	0.36	5.88	0.12	↓	4.02	23.43	880	0.21	3.73	"	"	-149.0
1106	0.36	6.24	0.12	↓	4.02	23.41	880	0.21	5.04	"	"	↓

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: A. Bryant / B. Cromer / URS	SAMPLER(S) SIGNATURE(S): B. Cromer	SAMPLING INITIATED AT: 1107	SAMPLING ENDED AT: 1112
PUMP OR TUBING DEPTH IN WELL (feet): 8	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N replaced)	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-36S	1	PE	250mL	HNO_3	—	—	6020	APP	100mL
DUP-5	1	PE	250mL	HNO_3	—	—	6020	APP	100mL

REMARKS: Total Depth = 16.57 ft 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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

~~55 min~~ 59 min

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-37S	SAMPLE ID: MW-37S	DATE: 8/22/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 4 feet to 16 feet	STATIC DEPTH TO WATER (feet): 4.65	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)
= (19.06 feet – 4.65 feet) X 0.16 gallons/foot = 2.31 x3 6.92 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: 1445	PURGING ENDED AT: 1550	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)	COLOR (describe)	ODOR (describe)	ORP mV
1544	7.08	7.08	0.12	6.20	6.76	23.41	961	0.05	7.07	clear	none	-119.8
1547	0.36	7.44	0.12	6.20	6.75	23.35	963	0.05	8.30			-115.2
1550	0.36	7.8	0.12	6.20	6.75	23.30	964	0.05	6.36			-110.9

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1551	SAMPLING ENDED AT: 1555
PUMP OR TUBING DEPTH IN WELL (feet): 7	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 18.81

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

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27
87

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-38S	SAMPLE ID: MW-38S — DATE: 8/22/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 10 feet to 16 feet	STATIC DEPTH TO WATER (feet): 5.71	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)
= (19.02 feet – 5.71 feet) x 0.16 gallons/foot = 2.13 x3 6.39 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: 1504	PURGING ENDED AT: 1637	TOTAL VOLUME PURGED (gallons): 9.3

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)	COLOR (describe)	ODOR (describe)	ORP mV
1631	8.7	8.7	0.10	6.74	5.86	24.22	217	0.37	4.81	clear	none	5.3
1634	0.3	9.0	0.10	6.74	5.87	24.10	215	0.30	4.52	|	|	4.4
1637	0.3	9.3	0.10	6.74	5.85	24.03	215	0.31	3.07	|	|	5.8

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): [signature] / [signature]	SAMPLING INITIATED AT: 1638	SAMPLING ENDED AT: 1645
PUMP OR TUBING DEPTH IN WELL (feet): 8	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 19.07

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

50 min

SITE NAME: FFF Moultrie		SITE LOCATION: Moultrie, Georgia	
WELL NO: MW-39S	SAMPLE ID: MW-39S		DATE: 8/23/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 6 feet to 16 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)
= (15.71 feet – 5.48 feet) X 0.16 gallons/foot = 1.64 x 3 = 4.92 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: 1110	PURGING ENDED AT: 1200	TOTAL VOLUME PURGED (gallons): 5.0

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)	COLOR (describe)	ODOR (describe)	ORP mV
1154	4.4	4.4	0.10	5.73	4.29	24.57	569	0.34	0.42	clear	none	258.8
1157	0.3	4.7	0.10	5.73	4.28	24.58	570	0.33	3.32			262.4
1200	0.3	5.0	0.10	5.73	4.28	24.56	573	0.30	2.67			263.5

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: A. Bryant / B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amhai Bryant / B. Cromer	SAMPLING INITIATED AT: 1201	SAMPLING ENDED AT: 1205
PUMP OR TUBING DEPTH IN WELL (feet): 8	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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-39S	1	PE	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total depth: 15.47

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

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60
60
127 min 8
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Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie		SITE LOCATION: Moultrie, GA	
WELL NO: MW-40S	SAMPLE ID: MW-40S		DATE: 8/23/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 25 feet to 35 feet	STATIC DEPTH TO WATER (feet): 8.20	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)
= (34.49 feet – 8.20 feet) X 0.16 gallons/foot = 4.2 X 3 = 12.62 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): 19	PURGING INITIATED AT: 1052	PURGING ENDED AT: 1431	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)	COLOR (describe)	ODOR (describe)	ORP mV
1407	15.6	15.6	0.08	17.64	5.11	25.44	161	1.95	11.4	clear	none	249.1
1410	0.24	15.84	0.08		5.18	25.46	130	2.06	10.4			244.6
1413	0.24	16.08	0.08		5.23	25.42	115	2.02	9.42			240.9
1416	0.24	16.32	0.08		5.26	25.46	104	2.15	9.73			234.6
1419	0.24	16.56	0.08		5.29	25.48	81	2.12	8.34			225.7
1422	0.24	16.8	0.08		5.25	25.47	69	2.07	8.57			224.1
1425	0.24	17.04	0.08		5.24	25.50	59	2.12	8.42			221.6
1428	0.24	17.28	0.08		5.24	25.51	58	2.11	8.36			222.1
1431	0.24	17.52	0.08		5.23	25.51	58	2.08	8.82			222.6

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1432	SAMPLING ENDED AT: 1435
PUMP OR TUBING DEPTH IN WELL (feet): 19	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

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SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-41S	SAMPLE ID: MW-41S	DATE: 8/23/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 20 feet to 30 feet	STATIC DEPTH TO WATER (feet): 3.42	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)
= (29.76 feet – 3.42 feet) X 0.16 gallons/foot = 4.22 x3 12.65 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: 1534	PURGING ENDED AT: 1748	TOTAL VOLUME PURGED (gallons): 13.68

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)	COLOR (describe)	ODOR (describe)	ORP mV
1742	12.96	12.96	0.12	4.66	3.71	24.89	2415	0.06	0.38	clear	none	300.6
1745	0.36	13.32	0.12	4.66	3.71	24.90	2416	0.06	0.25	|	|	301.1
1748	0.36	13.68	0.12	4.66	3.72	24.91	2413	0.06	0.26	|	|	301.7

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1749	SAMPLING ENDED AT: 1755
PUMP OR TUBING DEPTH IN WELL (feet): 6	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-41S	1	PE	250mL	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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie		SITE LOCATION: Moultrie, GA	
WELL NO: MW-42S	SAMPLE ID: MW-42S		DATE: 8/24/2012

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: 5 feet to 15 feet	STATIC DEPTH TO WATER (feet): 2.67	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)
= (14.7 feet – 2.67 feet) x 0.16 gallons/foot = 1.92 x3 = 5.78 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: 1116	PURGING ENDED AT: 1338	TOTAL VOLUME PURGED (gallons): 14.2

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)	COLOR (describe)	ODOR (describe)	ORP mV
1332	13.6	13.6	0.1	3.84	5.37	24.01	8514	0.09	67.5	Cloudy ~~Clear~~	none	185.2
1335	0.3	13.9	0.1	3.84	5.36	23.92	8564	0.09	93.0			174.6
1338	0.3	14.2	0.1	3.84	5.36	23.84	8609	0.09	120			172.6

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: A. Bryant, B. Cromer / VRS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1339	SAMPLING ENDED AT: 1345
PUMP OR TUBING DEPTH IN WELL (feet): 5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (Y) N Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-42S	1	PE	250mL	HNO_3	—	—	6020	APP	100
MW-42S	1	PE	250mL	HNO_3	—	—	6020 Filter	APP	100

REMARKS: Total Depth: 14.72

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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Form FD 9000-24

GROUNDWATER SAMPLING LOG

54

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-435	SAMPLE ID: MW-435 DATE: 8/24/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 5 feet to 15 feet	STATIC DEPTH TO WATER (feet): 4.42	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 – 4.42 feet) X 0.16 gallons/foot = 2.12 x3 6.37 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): 8	PURGING INITIATED AT: 0802	PURGING ENDED AT: 0909	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)	COLOR (describe)	ODOR (describe)	ORP mV
0903	7.32	7.32	0.12	6.47	5.76	26.37	2000	0.28	0.61	clear	none	154.4
0906	0.36	7.68	0.12	6.47	5.76	26.41	1994	0.25	0.57	|	|	154.2
0909	0.36	8.04	0.12	6.47	5.75	26.43	1992	0.22	0.53	|	|	154.2

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 0910	SAMPLING ENDED AT: 0915
PUMP OR TUBING DEPTH IN WELL (feet): 8	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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-435	1	PE	250mL	HNO_3	—	—	6020	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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

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SITE NAME: FFF Moultrie		SITE LOCATION: Moultrie, GA	
WELL NO: MW-44S	SAMPLE ID: MW-44S		DATE: 8/24/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 10 feet to 20 feet	STATIC DEPTH TO WATER (feet): 7.12	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)
= (22.62 feet – 7.12 feet) X 0.16 gallons/foot = 2.48 gallons X3 = 7.44

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): 17	PURGING INITIATED AT: 1131	PURGING ENDED AT: 1322	TOTAL VOLUME PURGED (gallons): 6.66

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)	COLOR (describe)	ODOR (describe)	ORP mV
1307	5.76	5.76	0.06	15.25	6.05	25.31	993	1.09	16.6	clear	none	60.6
1310	0.18	5.94	↓	↓	6.06	25.25	994	0.93	13.4	↓	↓	57.1
1313	0.18	6.12			6.06	25.21	994	0.82	12.9			53.1
1316	0.18	6.3			6.05	25.24	993	0.73	10.4			49.7
1319	0.18	6.48			6.02	25.29	992	0.63	10.2			45.2
1322	0.18	6.66			5.98	25.38	990	0.53	8.5			35.5

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: A.Bryant / B.Cramer / URS	SAMPLER(S) SIGNATURE(S): Amber Bryant / B Cramer	SAMPLING INITIATED AT: 1323	SAMPLING ENDED AT: 1325
PUMP OR TUBING DEPTH IN WELL (feet): 17	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100
~~MW-44S~~	~~1~~	~~PE~~	~~250mL~~	~~HNO_3~~			~~6020 Filter~~	~~APP~~	~~100~~ AB

REMARKS: Total Depth: 22.38ft

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-45s	SAMPLE ID: MW-45s	DATE: 8/25/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 10 feet to 20 feet	STATIC DEPTH TO WATER (feet): 9.45	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)
= (22.80 feet – 9.45 feet) X 0.16 gallons/foot = 2.14 x3 6.41 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): 13	PURGING INITIATED AT: 1032	PURGING ENDED AT: 1348	TOTAL VOLUME PURGED (gallons): 11.76

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 ~~COLOR~~ (describe) mV	color/ ODOR (describe)
1342	11.4	11.4	0.06	11.67	7.04	23.65	9942	0.04	7.93	-97.9	clear/none
1345	0.18	11.58	0.06	11.67	7.06	23.57	9945	0.03	6.32	-103.0	/
1348	0.18	11.76	0.06	11.67	7.07	23.53	9945	0.02	6.00	-108.5	/

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: A. Bryant, B. Cromer/URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1349	SAMPLING ENDED AT: 1355
PUMP OR TUBING DEPTH IN WELL (feet): 13	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 22.56

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

60 25/85

62min

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-46S	SAMPLE ID: MW-46S	DATE: 8/25/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 5 feet to 15 feet	STATIC DEPTH TO WATER (feet): 4.41	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)
= (14.67 feet – 4.41 feet) X 0.16 gallons/foot = 1.65 x 3 4.93 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: 0732	PURGING ENDED AT: 0909	TOTAL VOLUME PURGED (gallons): 7.76

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 ~~COLOR~~ (describe) mV	color/ ODOR (describe)
0857	6.8	6.8	0.08	5.85	4.00	26.57	452	0.65	0.42	192.6	clear/none
0900	0.24	7.04	0.08		3.99	26.40	449	0.53	0.71	193.5	
0903	0.24	7.28	0.08		3.99	26.43	447	0.42	0.29	195.1	
0906	0.24	7.52	0.08		3.98	26.43	446	0.25	0.32	197.4	
0909	0.24	7.76	0.08		3.99	26.43	446	0.25	0.36	198.2	

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 0910	SAMPLING ENDED AT: 0915
PUMP OR TUBING DEPTH IN WELL (feet): 7	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 14.41

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-47s	SAMPLE ID: MW-47s — DATE: 8/25/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 22 feet to 32 feet	STATIC DEPTH TO WATER (feet): 18.20	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)
= (31.82 feet – 18.20 feet) x 0.16 gallons/foot = 2.18 x3 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): 20	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 20	PURGING INITIATED AT: 1729	PURGING ENDED AT: 1841	TOTAL VOLUME PURGED (gallons): 7.2

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 ~~COLOR~~ (describe) mV	color/ODOR (describe)
1835	0.6	0.6	0.10	18.37	4.98	22.00	63	4.44	1.83	126.0	clear/none
1838	0.3	6.9	0.10	18.37	4.98	22.00	61	4.44	2.70	125.4	"
1841	0.3	7.2	0.10	18.37	5.01	22.01	61	4.38	1.53	124.8	"

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1842	SAMPLING ENDED AT: 1845
PUMP OR TUBING DEPTH IN WELL (feet): 20	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 31.64

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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120 min

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-48S	SAMPLE ID: MW-48S	DATE: 8/21/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 20.5 feet to 30.5 feet	STATIC DEPTH TO WATER (feet): 10.65	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)
= (30.5 feet – 10.65 feet) X 0.16 gallons/foot = 3.18 x3 9.53 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): 13	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13	PURGING INITIATED AT: 1440	PURGING ENDED AT: 1712	TOTAL VOLUME PURGED (gallons): 12.16

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)	COLOR (describe)	ODOR (describe)	ORP mV
1706	11.68	11.68	0.08	11.39	3.96	21.28	855	0.12	0.90	clear	none	102.5
1709	0.24	11.92	0.08	11.39	3.96	21.23	853	0.12	1.04	clear	none	103.8
1712	0.24	12.16	0.08	11.39	3.96	21.23	851	0.13	0.61	clear	none	107.7

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: Amelia Bryant, Brittany Gomez / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / Brittany Gomez	SAMPLING INITIATED AT: 1713	SAMPLING ENDED AT: 1716
PUMP OR TUBING DEPTH IN WELL (feet): 13	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 29.87

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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160

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie		SITE LOCATION: Moultrie, GA	
WELL NO: MW-49S	SAMPLE ID: MW-49S		DATE: 8/24/12

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 24.5 feet to 34.5 feet	STATIC DEPTH TO WATER (feet): 3.90	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)
= (34.5 feet – 3.90 feet) X 0.16 gallons/foot = 4.90x3=14.69 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: 1520	PURGING ENDED AT: 8/24 1012	TOTAL VOLUME PURGED (gallons): 22.64

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)	COLOR (describe)	ODOR (describe)	ORP mV
1919	4.78	4.78	0.02									
1920	0.2	4.80	0.12	water level			will not	stabi	lize, in	crease	purge rate	
1958	4.56	9.36	End	purge. – Dark								
8/24/12												
0726	—	—	0.08	~~27.04~~								
1006	12.8	22.16	0.08	27.04	5.27	26.33	70	3.62	143	cloudy	none	122.8
1009	0.24	22.4	0.08	27.09	5.24	26.32	71	3.57	140	↓	↓	126.3
1012	0.24	22.64	0.08	27.18	5.25	26.32	71	3.48	144	↓	↓	125.5

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: A. Bryant B. Cramer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cramer	SAMPLING INITIATED AT: 1013	SAMPLING ENDED AT: 1020
PUMP OR TUBING DEPTH IN WELL (feet): 32	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100
MW-49S	1	PE	250mL	HNO_3	—	—	6020 Filter	APP	100

REMARKS: Total Depth: 34.15'

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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124
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139
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Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: FFFW-15R	SAMPLE ID: FFFW-15R — DATE: 8/24/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 6.35	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)
= (16.49 feet – 6.35 feet) X 0.16 gallons/foot = 1.63 X 3 = 4.87 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): 9	PURGING INITIATED AT: 1246	PURGING ENDED AT: 1511	TOTAL VOLUME PURGED (gallons): 8.7

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)	COLOR (describe)	ODOR (describe)	ORP mV
1505	8.34	8.34	0.06	7.58	6.27	25.98	532	0.12	1.14	clear	slight ~~Acido~~	40.3
1508	0.18	8.52	0.06	7.58	6.28	26.02	532	0.11	0.47	|	|	37.6
1511	0.18	8.7	0.06	7.58	6.32	25.96	532	0.11	0.75	|	|	35.8

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1512	SAMPLING ENDED AT: 1515
PUMP OR TUBING DEPTH IN WELL (feet): 9	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y N — Filtration Equipment Type:	FILTER SIZE: ____ 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-1R	1	PE	250ml	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 16.24

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: FFFW-2I	SAMPLE ID: FFFW-2I — DATE: 8/26/2012

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	45 feet to 50 feet	17.63	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (53.02 feet – 17.63 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):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
47.5	47.5	1036	1124	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 ~~COLOR~~ (describe) mV	color/ ODOR (describe)
1054	2.16	2.16	0.12	18.10	5.62	22.20	223	2.41	1.61	131.5	clear/none
1059	0.6	2.76	0.12	18.10	5.58	22.19	227	2.30	1.65	138.2	
1104	0.6	3.36	0.12	18.10	5.50	22.19	244	1.92	1.52	148.7	
1109	0.6	3.96	0.12	18.10	5.46	22.18	269	1.66	1.48	155.7	
1114	0.6	4.56	0.12	18.10	5.43	22.15	288	1.56	1.30	162.4	
1119	0.6	5.16	0.12	18.10	5.43	22.18	303	1.46	1.33	166.7	
1124	0.6	5.76	0.12	18.10	5.43	22.18	313	1.37	1.38	170.9	

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:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
A. Bryant, B. Cromer/URS	Amelia Bryant / B. Cromer	1125	1130

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

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	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 52.69

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: FFFW-2-R	SAMPLE ID: FFFW-2-R	DATE: 8/26/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 17 feet to 27 feet	STATIC DEPTH TO WATER (feet): 17.17	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)
= (29.29 feet – 17.17 feet) X 0.16 gallons/foot = 1.94 x3 5.82 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): 19	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 19	PURGING INITIATED AT: 1038	PURGING ENDED AT: 1152	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 ~~COLOR~~ (describe) mV	color/ODOR (describe)
1146	8.16	8.16	0.12	17.38	3.78	22.44	4467	0.36	2.04	343.6	clear/none
1149	0.36	8.52	0.12	17.38	3.78	22.42	4507	0.38	1.54	355.7	"
1152	0.36	8.88	0.12	17.38	3.78	22.44	4520	0.35	1.32	358.4	"

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1153	SAMPLING ENDED AT: 1158
PUMP OR TUBING DEPTH IN WELL (feet): 19	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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-2R	1	PE	250mL	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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia	
WELL NO: FFFW-3-R	SAMPLE ID: FFFW-3-R	DATE: 8/24/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 6.36	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)
= (17.10 feet – 6.36 feet) X 0.16 gallons/foot = 1.72 x3 5.16 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: 0804	PURGING ENDED AT: 0922	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 mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	COLOR ~~TURBIDITY~~ (NTUs)	ODOR ~~COLOR~~ (describe)	TURB ~~ODOR~~ (describe)	ORP mV
0916	5.30	5.30	0.08	9.18	5.42	25.65	2050	0.34	clear	none	5.23	142.8
0919	0.24	5.6	0.08	9.18	5.43	25.64	2056	0.39	|	|	4.33	142.3
0922	0.24	5.84	0.08	9.18	5.43	25.63	2069	0.44	|	|	4.26	141.8

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 0923	SAMPLING ENDED AT: 0925
PUMP OR TUBING DEPTH IN WELL (feet): 11	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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			
BC ~~HNO~~									
FFFW-3-R	1	PE	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 17.12

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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154 min

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: FFFW-4-R	SAMPLE ID: FFFW-4-R	DATE: 8/25/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 9.35	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)
= (17.91 feet – 9.35 feet) X 0.16 gallons/foot = 1.37 x 3 = 4.11 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): 14.5	PURGING INITIATED AT: 1023	PURGING ENDED AT: 1303	TOTAL VOLUME PURGED (gallons): 6.4

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 ~~COLOR~~ (describe) mV	color/ODOR (describe)
1257	6.16	6.16	0.04	14.21	5.62	26.03	2323	0.20	196	163.6	cloudy/none
1300	0.12	6.28	0.04	14.24	5.62	25.98	2318	0.19	187	163.3	
1303	0.12	6.4	0.04	14.27	5.67	25.86	2323	0.19	182	163.4	

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1304	SAMPLING ENDED AT: 1310
PUMP OR TUBING DEPTH IN WELL (feet): 14.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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-4R	1	PE	250mL	HNO_3	—	—	6020	APP	100
FFFW-4R	1	PE	250mL	HNO_3	—	—	6020 Filter	APP	100

REMARKS: Total Depth: 17.66 water level would not stabilize, purge as slow as pump would allow

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie		SITE LOCATION: Moultrie, Georgia	
WELL NO: MW-TP15	SAMPLE ID: MW-TP15		DATE: 8/25/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 10 feet to 20 feet	STATIC DEPTH TO WATER (feet): 11.61	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)
= (20.21 feet – 11.61 feet) X 0.16 gallons/foot = 1.38 x 3 = 4.13 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): 14	PURGING INITIATED AT: 1511	PURGING ENDED AT: 1608	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 ~~COLOR~~ (describe) mV	Color/ ODOR (describe)
1602 ~~1529~~	5.1	5.1	0.1	11.75 ~~12.07~~	4.30	21.58	194	3.29	0.77	157.3	clear/none
1605	0.3	5.4	0.1	11.75	4.33	21.57	194	3.30	0.62	157.4	"
1608	0.3	5.7	0.1	11.75	4.31	21.60	194	3.29	0.43	157.6	"

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: A. Bryant, B. Cromer/URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1609	SAMPLING ENDED AT: 1615
PUMP OR TUBING DEPTH IN WELL (feet): 14	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-TP15	1	PE	250mL	HNO3	—	—	6020	APP	100

REMARKS: Total Depth = 20.08

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-TP1I	SAMPLE ID: MW-TP1I	DATE: 8/25/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 43 feet to 48 feet	STATIC DEPTH TO WATER (feet): 11.01	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)
= (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: 1511	PURGING ENDED AT: 1540	TOTAL VOLUME PURGED (gallons): 3.48

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 ~~COLOR~~ (describe) mV	Color/ ODOR (describe)
1530	2.28	2.28	0.12	12.05	6.09	21.02	59	5.73	10.1	82.0	clear/none
1535	0.10	2.88	0.12	12.05	6.04	21.00	57	5.77	9.6	82.8	/
1540	0.10	3.48	0.12	12.05	5.93	21.00	56	5.77	9.4	82.5	/

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B Cromer	SAMPLING INITIATED AT: 1541	SAMPLING ENDED AT: 1545
PUMP OR TUBING DEPTH IN WELL (feet): 46	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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-TP1I	1	PE	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 48.09

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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Form FD 9000-24

GROUNDWATER SAMPLING LOG

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SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, GA	
WELL NO: MW-TP2S	SAMPLE ID: MW-TP2S	DATE: 8/24/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 10 feet to 20 feet	STATIC DEPTH TO WATER (feet): 5.71	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)
= (19.90 feet – 5.71 feet) X 0.16 gallons/foot = 2.27 x 3 = 6.82 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): 8	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9	PURGING INITIATED AT: 1602	PURGING ENDED AT: 1827	TOTAL VOLUME PURGED (gallons): 11.6

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)	COLOR (describe)	ODOR (describe)	ORP mV
1821	11.12	11.12	0.08	7.24	5.02	24.35	482	0.28	9.31	clear	none	114.5
1824	0.24	11.36	0.08	7.24	5.02	24.36	483	0.25	9.06			115.2
1827	0.24	11.6	0.08	7.24	5.02	24.34	484	0.26	8.66			115.1

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant	SAMPLING INITIATED AT: 1828	SAMPLING ENDED AT: 1830
PUMP OR TUBING DEPTH IN WELL (feet): 9	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 19.92

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: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-TP3S	SAMPLE ID: MW-TP3S	DATE: 8/25/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 10 feet to 20 feet	STATIC DEPTH TO WATER (feet): 5.89	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)
= (19.33 feet – 5.89 feet) X 0.16 gallons/foot = 2.15 x3 6.46 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: 0714	PURGING ENDED AT: 0846	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 µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP ~~COLOR~~ (describe) mV	Color/ ODOR (describe)
0840	8.6	8.6	0.10	7.93	4.69	22.03	216	1.46	1.52	200.5	clear/none
0843	0.3	8.9	0.10	7.93	4.69	21.98	216	1.30	1.03	210.8	|
0846	0.3	9.2	0.10	7.93	4.69	21.99	215	1.32	0.66	219.3	|

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 0847	SAMPLING ENDED AT: 0850
PUMP OR TUBING DEPTH IN WELL (feet): 9	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-TP3S	1	PE	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 19.37

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-TP4S	SAMPLE ID: MW-TP4S	DATE: 8/25/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 15 feet to 25 feet	STATIC DEPTH TO WATER (feet): 14.43	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)
= (24.86 feet – 14.43 feet) X 0.16 gallons/foot = 1.69 X3 5.00 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): 17	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17	PURGING INITIATED AT: 1733	PURGING ENDED AT: 1848	TOTAL VOLUME PURGED (gallons): 7.5

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 ~~COLOR~~ (describe) mV	Color/ ODOR (describe)
1842	6.9	6.9	0.10	14.92	4.62	22.16	110	3.94	2.13	216.9	clear/none
1845	0.3	7.2	0.10	14.92	4.62	22.15	110	3.93	1.27	217.5	"
1848	0.3	7.5	0.10	14.92	4.63	22.17	109	3.93	1.66	218.0	"

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: A. Bryant; B. Cramer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / Brittany Cramer	SAMPLING INITIATED AT: 1849	SAMPLING ENDED AT: 1852
PUMP OR TUBING DEPTH IN WELL (feet): 17	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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	250mL	HNO_3	—	—	6020	APP	100

REMARKS: Total Depth: 24.59

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-TP55	SAMPLE ID: MW-TP55 DATE: 8/26/2012

PURGING DATA

WELL DIAMETER (inches): 2 ~~1/4~~	TUBING DIAMETER (inches): 1/4 ~~2~~	WELL SCREEN INTERVAL DEPTH: 15 feet to 25 feet	STATIC DEPTH TO WATER (feet): 10.23	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)
= (25.21 feet – 10.23 feet) X 0.16 gallons/foot = 2.40 ~~7.20~~ 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): 17	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 18	PURGING INITIATED AT: 1016	PURGING ENDED AT: 1252	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 mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	~~COLOR~~ ORP (describe) mV	COLOR/ ODOR (describe)
1246	7.5	7.5	0.05	16.56	3.21	23.71	18092	0.14	6.29	374.2	clear/none
1249	0.15	7.65	0.05	16.56	3.20	23.69	18107	0.16	3.30	373.7	"
1252	0.15	7.8	0.05	16.56	3.21	23.69	18085	0.17	2.48	373.3	"

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: A. Bryant, B. Cromer/URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1253	SAMPLING ENDED AT: 1300
PUMP OR TUBING DEPTH IN WELL (feet): 18	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ 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-TP55	1	PE	250mL	HNO_3	—	—	6020	APP	100
DUP-4	1	PE	250mL	HNO_3	—	—	6020 (DUP)	APP	100

REMARKS: Total Depth: 24.97 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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

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Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: FFF Moultrie	SITE LOCATION: Moultrie, Georgia
WELL NO: MW-TP5I	SAMPLE ID: MW-TP5I	DATE: 8/26/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 45 feet to 50 feet	STATIC DEPTH TO WATER (feet): 15.83	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)
= (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: 1020	PURGING ENDED AT: 1138	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)	~~COLOR~~ ORP (describe) mV	color/ ODOR (describe)
1128	5.44	5.44	0.08	21.56	5.86	22.96	60	0.50	413	142.7	clear/none
1133	0.4	5.84	0.08	21.56	5.85	22.95	59	0.48	398	143.0	
1138	0.4	6.24	0.08	21.56	5.85	22.93	59	0.47	384	141.9	

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: A. Bryant, B. Cromer / URS	SAMPLER(S) SIGNATURE(S): Amelia Bryant / B. Cromer	SAMPLING INITIATED AT: 1139	SAMPLING ENDED AT: 1145
PUMP OR TUBING DEPTH IN WELL (feet): 47.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y N	TUBING Y N (replaced)	DUPLICATE: Y N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-TP5I	1	PE	250mL	HNO_3	—	—	6020	APP	100
MW-TP5I	1	PE	250mL	HNO_3	—	—	6020 Filter	APP	100

REMARKS: Total Depth: 52.78

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: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **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 ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

APPENDIX B

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: 640-40081-1
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:
9/20/2012 2:23:58 PM

Tim Preston
Project Manager II
timothyr.preston@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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Definitions/Glossary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-40081-1

Qualifiers

Metals

Qualifier	Qualifier Description
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.
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
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
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
RL	Reporting Limit
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: 640-40081-1

Job ID: 640-40081-1

Laboratory: TestAmerica Tallahassee

Narrative

Job Narrative
640-40081-1

Comments
No additional comments.

Receipt
The samples were received on 8/27/2012 at 9:10 AM. The samples arrived in good condition, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.7º C and 2.4º C.

Metals
Method 6020A: Due to the sample matrix effect on the internal standard (ISTD), a dilution was required for the following samples: DUP-4 (640-40081-9), MW-TP5S (640-40081-8), DUP-6 (640-40081-28), MW-32S-R (640-40081-31), MW-42S (640-40081-38), and MW-6S-R (640-40081-68).

Method 6020A: Due to abundance of Zinc in the sample MW-19S, the matrix spike / matrix spike duplicate (MS/MSD) recoveries were outside control limits. The recoveries were qualified with a "4". The associated laboratory control sample (LCS) recoveries met acceptance criteria.
.
No other analytical or quality issues were noted.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-40081-1

Client Sample ID: MW-19S — Lab Sample ID: 640-40081-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	24		2.5	1.3	ug/L	1		6020A	Total Recoverable
Cadmium	6.9		0.50	0.095	ug/L	1		6020A	Total Recoverable
Lead	1.7		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	54		5.0	2.0	ug/L	1		6020A	Total Recoverable
Zinc	3900		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-24S — Lab Sample ID: 640-40081-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.4		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	4.0	J	5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: FFFW-2I — Lab Sample ID: 640-40081-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.24	J	1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	6.2		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-TP5I — Lab Sample ID: 640-40081-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.3	J	2.5	1.3	ug/L	1		6020A	Total Recoverable
Lead	4.9		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	10		5.0	2.0	ug/L	1		6020A	Total Recoverable
Zinc	33		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-TP5I — Lab Sample ID: 640-40081-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic, Dissolved	1.4	J	2.5	1.3	ug/L	1		6020A	Dissolved
Lead, Dissolved	1.3	J	1.5	0.20	ug/L	1		6020A	Dissolved
Nickel, Dissolved	3.6	J	5.0	2.0	ug/L	1		6020A	Dissolved
Zinc, Dissolved	11	J	20	8.3	ug/L	1		6020A	Dissolved

Client Sample ID: FFFW-2-R — Lab Sample ID: 640-40081-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	18		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	4300		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	56		0.50	0.25	ug/L	1		6020A	Total Recoverable
Cadmium	4.3		0.50	0.095	ug/L	1		6020A	Total Recoverable

Client Sample ID: FFFW-2-R (Continued) — Lab Sample ID: 640-40081-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	420		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	120		5.0	2.0	ug/L	1		6020A	Total Recoverable
Zinc	260		20	8.3	ug/L	1		6020A	Total Recoverable
Thallium	1.6		1.0	0.50	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-23S — Lab Sample ID: 640-40081-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	340		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	2.3		0.50	0.25	ug/L	1		6020A	Total Recoverable
Cadmium	0.12	J	0.50	0.095	ug/L	1		6020A	Total Recoverable
Lead	4.3		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	6.3		5.0	2.0	ug/L	1		6020A	Total Recoverable
Zinc	25		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-TP5S — Lab Sample ID: 640-40081-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	90		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	47000		50	13	ug/L	10		6020A	Total Recoverable
Beryllium	330		0.50	0.25	ug/L	1		6020A	Total Recoverable
Cadmium	18		0.50	0.095	ug/L	1		6020A	Total Recoverable
Lead	2100		3.0	0.40	ug/L	2		6020A	Total Recoverable
Nickel	800		5.0	2.0	ug/L	1		6020A	Total Recoverable
Selenium	12		2.5	1.0	ug/L	1		6020A	Total Recoverable
Zinc	1900		20	8.3	ug/L	1		6020A	Total Recoverable
Thallium	4.7		2.0	1.0	ug/L	2		6020A	Total Recoverable

Client Sample ID: DUP-4 — Lab Sample ID: 640-40081-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	84		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	42000		50	13	ug/L	10		6020A	Total Recoverable
Beryllium	320		0.50	0.25	ug/L	1		6020A	Total Recoverable
Cadmium	17		0.50	0.095	ug/L	1		6020A	Total Recoverable

Client Sample ID: DUP-4 (Continued) — Lab Sample ID: 640-40081-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2100		3.0	0.40	ug/L	2		6020A	Total Recoverable
Nickel	740		5.0	2.0	ug/L	1		6020A	Total Recoverable
Selenium	11		2.5	1.0	ug/L	1		6020A	Total Recoverable
Zinc	1800		20	8.3	ug/L	1		6020A	Total Recoverable
Thallium	4.7		2.0	1.0	ug/L	2		6020A	Total Recoverable

Client Sample ID: EQ-1 — Lab Sample ID: 640-40081-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	3.1	J	5.0	1.3	ug/L	1		6020A	Total Recoverable
Copper	1.2	J	5.0	1.1	ug/L	1		6020A	Total Recoverable
Lead	0.21	J	1.5	0.20	ug/L	1		6020A	Total Recoverable

Client Sample ID: EQ-2 — Lab Sample ID: 640-40081-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	1.5	J	5.0	1.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-13S-R — Lab Sample ID: 640-40081-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.0	J	1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	3.5	J	5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-13S-R — Lab Sample ID: 640-40081-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel, Dissolved	3.0	J	5.0	2.0	ug/L	1		6020A	Dissolved

Client Sample ID: MW-26S — Lab Sample ID: 640-40081-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	6.0		1.5	0.20	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-35S — Lab Sample ID: 640-40081-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.12	J	0.20	0.091	ug/L	1		7470A	Total/NA

Client Sample ID: MW-10S-R — Lab Sample ID: 640-40081-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	0.49	J	0.50	0.25	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-10S-R (Continued) — Lab Sample ID: 640-40081-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.43	J	1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	3.2	J	5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-2I — Lab Sample ID: 640-40081-17

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-12S — Lab Sample ID: 640-40081-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	160		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	1300		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	41		0.50	0.25	ug/L	1		6020A	Total Recoverable
Cadmium	6.7		0.50	0.095	ug/L	1		6020A	Total Recoverable
Copper	340		5.0	1.1	ug/L	1		6020A	Total Recoverable
Lead	51		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	240		5.0	2.0	ug/L	1		6020A	Total Recoverable
Selenium	23		2.5	1.0	ug/L	1		6020A	Total Recoverable
Zinc	1400		20	8.3	ug/L	1		6020A	Total Recoverable
Thallium	1.5		1.0	0.50	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-29S — Lab Sample ID: 640-40081-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.76		0.20	0.091	ug/L	1		7470A	Total/NA

Client Sample ID: MW-44S — Lab Sample ID: 640-40081-20

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
Nickel	5.7		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-34S — Lab Sample ID: 640-40081-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.4		2.5	1.3	ug/L	1		6020A	Total Recoverable
Cadmium	17		0.50	0.095	ug/L	1		6020A	Total Recoverable
Lead	6.1		1.5	0.20	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-34S (Continued) — Lab Sample ID: 640-40081-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	99		5.0	2.0	ug/L	1		6020A	Total Recoverable
Zinc	3500		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-3I — Lab Sample ID: 640-40081-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	130		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	0.66		0.50	0.25	ug/L	1		6020A	Total Recoverable
Lead	2.1		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	3.1	J	5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-49S — Lab Sample ID: 640-40081-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium, Dissolved	32		5.0	1.3	ug/L	1		6020A	Dissolved
Copper, Dissolved	2.2	J	5.0	1.1	ug/L	1		6020A	Dissolved
Lead, Dissolved	1.2	J	1.5	0.20	ug/L	1		6020A	Dissolved
Nickel, Dissolved	2.1	J	5.0	2.0	ug/L	1		6020A	Dissolved
Zinc, Dissolved	13	J	20	8.3	ug/L	1		6020A	Dissolved

Client Sample ID: MW-1S-R — Lab Sample ID: 640-40081-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead, Dissolved	0.21	J	1.5	0.20	ug/L	1		6020A	Dissolved
Nickel, Dissolved	3.1	J	5.0	2.0	ug/L	1		6020A	Dissolved

Client Sample ID: MW-27S-R — Lab Sample ID: 640-40081-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.2		2.5	1.3	ug/L	1		6020A	Total Recoverable
Lead	2.2		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-35S — Lab Sample ID: 640-40081-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	2000		5.0	1.3	ug/L	1		6020A	Total Recoverable
Lead	17		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-42S — Lab Sample ID: 640-40081-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	29		2.5	1.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-42S (Continued) — Lab Sample ID: 640-40081-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	11		5.0	1.3	ug/L	1		6020A	Total Recoverable
Cadmium	3.8		0.50	0.095	ug/L	1		6020A	Total Recoverable
Nickel	56		5.0	2.0	ug/L	1		6020A	Total Recoverable
Zinc	1700		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: DUP-6 — Lab Sample ID: 640-40081-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.1		5.0	2.6	ug/L	2		6020A	Total Recoverable
Cadmium	17		1.0	0.19	ug/L	2		6020A	Total Recoverable
Lead	5.7		3.0	0.40	ug/L	2		6020A	Total Recoverable
Nickel	99		10	4.0	ug/L	2		6020A	Total Recoverable
Zinc	3200		40	17	ug/L	2		6020A	Total Recoverable

Client Sample ID: MW-46S — Lab Sample ID: 640-40081-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.48	J	0.50	0.095	ug/L	1		6020A	Total Recoverable
Lead	4.7		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	10		5.0	2.0	ug/L	1		6020A	Total Recoverable
Zinc	70		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-28S — Lab Sample ID: 640-40081-30

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	1400		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	5.0		0.50	0.25	ug/L	1		6020A	Total Recoverable
Lead	0.81	J	1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	22		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-32S-R — Lab Sample ID: 640-40081-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.2		2.5	1.3	ug/L	1		6020A	Total Recoverable
Lead	0.46	J	1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	23		5.0	2.0	ug/L	1		6020A	Total Recoverable

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-40081-1

Client Sample ID: DUP-2 — Lab Sample ID: 640-40081-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.0		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	2700		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	6.6		0.50	0.25	ug/L	1		6020A	Total Recoverable
Copper	24		5.0	1.1	ug/L	1		6020A	Total Recoverable
Lead	75		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	20		5.0	2.0	ug/L	1		6020A	Total Recoverable
Mercury	0.68		0.20	0.091	ug/L	1		7470A	Total/NA

Client Sample ID: MW-30S — Lab Sample ID: 640-40081-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	2000		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	3.1		0.50	0.25	ug/L	1		6020A	Total Recoverable
Copper	6.6		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-21S — Lab Sample ID: 640-40081-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.9	J	2.5	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	1.0		0.50	0.25	ug/L	1		6020A	Total Recoverable
Cadmium	1.6		0.50	0.095	ug/L	1		6020A	Total Recoverable
Nickel	30		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-15S — Lab Sample ID: 640-40081-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	66		2.5	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	4.7		0.50	0.25	ug/L	1		6020A	Total Recoverable
Lead	28		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	44		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-13I — Lab Sample ID: 640-40081-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.24	J	1.5	0.20	ug/L	1		6020A	Total Recoverable

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-40081-1

Client Sample ID: MW-32I — Lab Sample ID: 640-40081-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	71		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	570		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	19		0.50	0.25	ug/L	1		6020A	Total Recoverable
Cadmium	5.5		0.50	0.095	ug/L	1		6020A	Total Recoverable
Lead	96		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	110		5.0	2.0	ug/L	1		6020A	Total Recoverable
Thallium	1.1		1.0	0.50	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-42S — Lab Sample ID: 640-40081-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic, Dissolved	29		5.0	2.6	ug/L	2		6020A	Dissolved
Barium, Dissolved	14		10	2.6	ug/L	2		6020A	Dissolved
Beryllium, Dissolved	0.75	J	1.0	0.50	ug/L	2		6020A	Dissolved
Cadmium, Dissolved	4.0		1.0	0.19	ug/L	2		6020A	Dissolved
Nickel, Dissolved	58		10	4.0	ug/L	2		6020A	Dissolved
Zinc, Dissolved	3100		40	17	ug/L	2		6020A	Dissolved

Client Sample ID: MW-40S — Lab Sample ID: 640-40081-39

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	2.0	J	5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-TP2S — Lab Sample ID: 640-40081-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.5		2.5	1.3	ug/L	1		6020A	Total Recoverable
Lead	2.6		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	7.8		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-18S — Lab Sample ID: 640-40081-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	130		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	0.58		0.50	0.25	ug/L	1		6020A	Total Recoverable
Copper	1.3	J	5.0	1.1	ug/L	1		6020A	Total Recoverable
Lead	0.27	J	1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	6.4		5.0	2.0	ug/L	1		6020A	Total Recoverable
Zinc	39		20	8.3	ug/L	1		6020A	Total Recoverable

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-40081-1

Client Sample ID: MW-49S — Lab Sample ID: 640-40081-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.5	J	2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	46		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	0.36	J	0.50	0.25	ug/L	1		6020A	Total Recoverable
Copper	5.0		5.0	1.1	ug/L	1		6020A	Total Recoverable
Lead	3.4		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	4.5	J	5.0	2.0	ug/L	1		6020A	Total Recoverable
Zinc	26		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-TP1S — Lab Sample ID: 640-40081-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	7.4		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	7.3		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-41S — Lab Sample ID: 640-40081-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.5		2.5	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	5.0		0.50	0.25	ug/L	1		6020A	Total Recoverable
Cadmium	1.9		0.50	0.095	ug/L	1		6020A	Total Recoverable
Lead	35		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	26		5.0	2.0	ug/L	1		6020A	Total Recoverable
Thallium	1.3		1.0	0.50	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-10I — Lab Sample ID: 640-40081-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.39	J	1.5	0.20	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-45S — Lab Sample ID: 640-40081-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	19		2.5	1.3	ug/L	1		6020A	Total Recoverable
Lead	2.8		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-34I — Lab Sample ID: 640-40081-47

Client Sample ID: MW-34I (Continued) — Lab Sample ID: 640-40081-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead, Dissolved	0.84	J	1.5	0.20	ug/L	1		6020A	Dissolved

Client Sample ID: DUP-1 — Lab Sample ID: 640-40081-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	380		10	5.2	ug/L	4		6020A	Total Recoverable
Beryllium	40		0.50	0.25	ug/L	1		6020A	Total Recoverable
Cadmium	19		0.50	0.095	ug/L	1		6020A	Total Recoverable
Lead	150		6.0	0.80	ug/L	4		6020A	Total Recoverable
Nickel	620		20	8.0	ug/L	4		6020A	Total Recoverable
Zinc	3200		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-4S — Lab Sample ID: 640-40081-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	32		2.5	1.3	ug/L	1		6020A	Total Recoverable
Cadmium	6.6		0.50	0.095	ug/L	1		6020A	Total Recoverable
Copper	28		5.0	1.1	ug/L	1		6020A	Total Recoverable
Nickel	95		5.0	2.0	ug/L	1		6020A	Total Recoverable
Zinc	1700		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-TP3S — Lab Sample ID: 640-40081-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.1	J	1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	2.8	J	5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-TP1I — Lab Sample ID: 640-40081-51

No Detections

Client Sample ID: DUP-3 — Lab Sample ID: 640-40081-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	350		10	5.2	ug/L	4		6020A	Total Recoverable
Barium	14		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	25		0.50	0.25	ug/L	1		6020A	Total Recoverable
Cadmium	13		0.50	0.095	ug/L	1		6020A	Total Recoverable
Copper	1900		20	4.4	ug/L	4		6020A	Total Recoverable

Client Sample ID: DUP-3 (Continued) — Lab Sample ID: 640-40081-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	110		6.0	0.80	ug/L	4		6020A	Total Recoverable
Nickel	320		20	8.0	ug/L	4		6020A	Total Recoverable
Selenium	68		2.5	1.0	ug/L	1		6020A	Total Recoverable
Zinc	1900		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-29S — Lab Sample ID: 640-40081-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.2		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	2600		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	5.9		0.50	0.25	ug/L	1		6020A	Total Recoverable
Copper	19		5.0	1.1	ug/L	1		6020A	Total Recoverable
Lead	74		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	16		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-3S — Lab Sample ID: 640-40081-54

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	350		10	5.2	ug/L	4		6020A	Total Recoverable
Barium	14		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	24		0.50	0.25	ug/L	1		6020A	Total Recoverable
Cadmium	12		0.50	0.095	ug/L	1		6020A	Total Recoverable
Copper	1900		20	4.4	ug/L	4		6020A	Total Recoverable
Lead	110		6.0	0.80	ug/L	4		6020A	Total Recoverable
Nickel	320		20	8.0	ug/L	4		6020A	Total Recoverable
Selenium	64		2.5	1.0	ug/L	1		6020A	Total Recoverable
Zinc	1800		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-22S — Lab Sample ID: 640-40081-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	5.3		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: FFFW-1-R — Lab Sample ID: 640-40081-56

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

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-40081-1

Client Sample ID: MW-7I — Lab Sample ID: 640-40081-57

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
Barium	1700		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	4.0		0.50	0.25	ug/L	1		6020A	Total Recoverable
Lead	43		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	8.7		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-39S — Lab Sample ID: 640-40081-58

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
Barium	67		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	2.1		0.50	0.25	ug/L	1		6020A	Total Recoverable
Lead	9.6		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	15		5.0	2.0	ug/L	1		6020A	Total Recoverable
Zinc	53		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-2S — Lab Sample ID: 640-40081-59

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	44		5.0	1.3	ug/L	1		6020A	Total Recoverable
Lead	4.0		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	7.4		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: FFFW-3-R — Lab Sample ID: 640-40081-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	20		2.5	1.3	ug/L	1		6020A	Total Recoverable
Nickel	56		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-6I — Lab Sample ID: 640-40081-61

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.1		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-12I — Lab Sample ID: 640-40081-62

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	510		5.0	1.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-12I (Continued) — Lab Sample ID: 640-40081-62

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	1.5		0.50	0.25	ug/L	1		6020A	Total Recoverable
Lead	5.9		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	6.7		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: FFFW-4-R — Lab Sample ID: 640-40081-63

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic, Dissolved	6.3		2.5	1.3	ug/L	1		6020A	Dissolved
Beryllium, Dissolved	2.1		0.50	0.25	ug/L	1		6020A	Dissolved
Lead, Dissolved	19		1.5	0.20	ug/L	1		6020A	Dissolved
Nickel, Dissolved	25		5.0	2.0	ug/L	1		6020A	Dissolved

Client Sample ID: MW-34I — Lab Sample ID: 640-40081-64

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.8		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	4.4	J	5.0	2.0	ug/L	1		6020A	Total Recoverable
Zinc	18	J	20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-1I-R — Lab Sample ID: 640-40081-65

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.7		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	3.7	J	5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-25S — Lab Sample ID: 640-40081-66

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.58	J	1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	3.4	J	5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-8I — Lab Sample ID: 640-40081-67

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	13		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	4.3	J	5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-6S-R — Lab Sample ID: 640-40081-68

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	570		10	5.2	ug/L	4		6020A	Total Recoverable
Beryllium	41		4.0	2.0	ug/L	8		6020A	Total Recoverable

Client Sample ID: MW-6S-R (Continued) — Lab Sample ID: 640-40081-68

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	16		0.50	0.095	ug/L	1		6020A	Total Recoverable
Lead	160		6.0	0.80	ug/L	4		6020A	Total Recoverable
Nickel	590		20	8.0	ug/L	4		6020A	Total Recoverable
Zinc	3200		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-36S — Lab Sample ID: 640-40081-69

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	55		2.5	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	4.5		0.50	0.25	ug/L	1		6020A	Total Recoverable
Lead	54		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	22		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: FFFW-4-R — Lab Sample ID: 640-40081-70

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
Beryllium	1.4		0.50	0.25	ug/L	1		6020A	Total Recoverable
Lead	16		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-38S — Lab Sample ID: 640-40081-71

No Detections

Client Sample ID: MW-48S — Lab Sample ID: 640-40081-72

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	2700		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	5.5		0.50	0.25	ug/L	1		6020A	Total Recoverable
Cadmium	0.49	J	0.50	0.095	ug/L	1		6020A	Total Recoverable
Copper	14		5.0	1.1	ug/L	1		6020A	Total Recoverable
Lead	24		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	15		5.0	2.0	ug/L	1		6020A	Total Recoverable
Selenium	1.9	J	2.5	1.0	ug/L	1		6020A	Total Recoverable
Zinc	65		20	8.3	ug/L	1		6020A	Total Recoverable
Thallium	0.53	J	1.0	0.50	ug/L	1		6020A	Total Recoverable

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-40081-1

Client Sample ID: MW-33S — Lab Sample ID: 640-40081-73

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.51	J	1.5	0.20	ug/L	1		6020A	Total Recoverable
Zinc	18	J	20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-43S — Lab Sample ID: 640-40081-74

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	12		2.5	1.3	ug/L	1		6020A	Total Recoverable
Cadmium	2.7		0.50	0.095	ug/L	1		6020A	Total Recoverable
Nickel	39		5.0	2.0	ug/L	1		6020A	Total Recoverable
Zinc	240		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-11S — Lab Sample ID: 640-40081-75

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.0		2.5	1.3	ug/L	1		6020A	Total Recoverable
Lead	0.50	J	1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	2.4	J	5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-1S-R — Lab Sample ID: 640-40081-76

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.88	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-7S-R — Lab Sample ID: 640-40081-77

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic, Dissolved	2.1	J	2.5	1.3	ug/L	1		6020A	Dissolved
Beryllium, Dissolved	5.3		0.50	0.25	ug/L	1		6020A	Dissolved
Lead, Dissolved	0.41	J	1.5	0.20	ug/L	1		6020A	Dissolved
Nickel, Dissolved	91		5.0	2.0	ug/L	1		6020A	Dissolved

Client Sample ID: MW-9S-R — Lab Sample ID: 640-40081-78

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	55		2.5	1.3	ug/L	1		6020A	Total Recoverable
Lead	32		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	14		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-7S-R — Lab Sample ID: 640-40081-79

Client Sample ID: MW-7S-R (Continued) — Lab Sample ID: 640-40081-79

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
Beryllium	5.4		0.50	0.25	ug/L	1		6020A	Total Recoverable
Lead	0.44	J	1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	87		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-11S — Lab Sample ID: 640-40081-80

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic, Dissolved	5.3		2.5	1.3	ug/L	1		6020A	Dissolved
Nickel, Dissolved	3.5	J	5.0	2.0	ug/L	1		6020A	Dissolved

Client Sample ID: DUP-5 — Lab Sample ID: 640-40081-81

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	55		2.5	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	4.8		0.50	0.25	ug/L	1		6020A	Total Recoverable
Lead	55		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	23		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-5S-R — Lab Sample ID: 640-40081-82

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.8		2.5	1.3	ug/L	1		6020A	Total Recoverable
Nickel	11		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-37S — Lab Sample ID: 640-40081-83

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.3	J	2.5	1.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-31S — Lab Sample ID: 640-40081-84

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	150		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	0.66		0.50	0.25	ug/L	1		6020A	Total Recoverable
Lead	1.6		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	2.4	J	5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-5S-R — Lab Sample ID: 640-40081-85

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic, Dissolved	5.8		2.5	1.3	ug/L	1		6020A	Dissolved

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-40081-1

Client Sample ID: MW-5S-R (Continued) — Lab Sample ID: 640-40081-85

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium, Dissolved	0.35	J	0.50	0.25	ug/L	1		6020A	Dissolved
Lead, Dissolved	0.52	J	1.5	0.20	ug/L	1		6020A	Dissolved
Nickel, Dissolved	9.7		5.0	2.0	ug/L	1		6020A	Dissolved

Client Sample ID: MW-20S — Lab Sample ID: 640-40081-86

No Detections

Client Sample ID: MW-47S — Lab Sample ID: 640-40081-87

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	44		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	0.37	J	0.50	0.25	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-TP4S — Lab Sample ID: 640-40081-88

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	170		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	0.63		0.50	0.25	ug/L	1		6020A	Total Recoverable
Lead	3.8		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	4.0	J	5.0	2.0	ug/L	1		6020A	Total Recoverable

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Client Sample ID: MW-19S — **Lab Sample ID: 640-40081-1**
Date Collected: 08/25/12 19:25 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	24		2.5	1.3	ug/L		08/28/12 12:18	08/30/12 22:53	1
Cadmium	6.9		0.50	0.095	ug/L		08/28/12 12:18	08/30/12 22:53	1
Lead	1.7		1.5	0.20	ug/L		08/28/12 12:18	08/30/12 22:53	1
Nickel	54		5.0	2.0	ug/L		08/28/12 12:18	08/30/12 22:53	1
Zinc	3900		20	8.3	ug/L		08/28/12 12:18	08/30/12 22:53	1

Client Sample ID: MW-24S — **Lab Sample ID: 640-40081-2**
Date Collected: 08/25/12 19:05 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:18	08/30/12 23:27	1
Lead	3.4		1.5	0.20	ug/L		08/28/12 12:18	08/30/12 23:27	1
Nickel	4.0	J	5.0	2.0	ug/L		08/28/12 12:18	08/30/12 23:27	1

Client Sample ID: FFFW-2I — **Lab Sample ID: 640-40081-3**
Date Collected: 08/26/12 11:30 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:18	08/30/12 23:33	1
Lead	0.24	J	1.5	0.20	ug/L		08/28/12 12:18	08/30/12 23:33	1
Nickel	6.2		5.0	2.0	ug/L		08/28/12 12:18	08/30/12 23:33	1

Client Sample ID: MW-TP5I — **Lab Sample ID: 640-40081-4**
Date Collected: 08/26/12 11:45 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.3	J	2.5	1.3	ug/L		08/28/12 12:18	08/30/12 23:40	1
Lead	4.9		1.5	0.20	ug/L		08/28/12 12:18	08/30/12 23:40	1
Nickel	10		5.0	2.0	ug/L		08/28/12 12:18	08/30/12 23:40	1
Zinc	33		20	8.3	ug/L		08/28/12 12:18	08/30/12 23:40	1

Client Sample ID: FFFW-2-R — **Lab Sample ID: 640-40081-6**
Date Collected: 08/26/12 11:58 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	18		2.5	1.3	ug/L		08/28/12 12:18	08/31/12 00:07	1
Barium	4300		5.0	1.3	ug/L		08/28/12 12:18	08/31/12 00:07	1
Beryllium	56		0.50	0.25	ug/L		08/28/12 12:18	08/31/12 00:07	1
Cadmium	4.3		0.50	0.095	ug/L		08/28/12 12:18	08/31/12 00:07	1
Lead	420		1.5	0.20	ug/L		08/28/12 12:18	08/31/12 00:07	1
Nickel	120		5.0	2.0	ug/L		08/28/12 12:18	08/31/12 00:07	1
Zinc	260		20	8.3	ug/L		08/28/12 12:18	08/31/12 00:07	1
Thallium	1.6		1.0	0.50	ug/L		08/28/12 12:18	08/31/12 00:07	1

Client Sample ID: MW-23S — **Lab Sample ID: 640-40081-7**
Date Collected: 08/26/12 12:20 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:18	08/31/12 00:13	1
Barium	340		5.0	1.3	ug/L		08/28/12 12:18	08/31/12 00:13	1
Beryllium	2.3		0.50	0.25	ug/L		08/28/12 12:18	08/31/12 00:13	1
Cadmium	0.12	J	0.50	0.095	ug/L		08/28/12 12:18	08/31/12 00:13	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable (Continued)

Client Sample ID: MW-23S — **Lab Sample ID: 640-40081-7**
Date Collected: 08/26/12 12:20 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.3		1.5	0.20	ug/L		08/28/12 12:18	08/31/12 00:13	1
Nickel	6.3		5.0	2.0	ug/L		08/28/12 12:18	08/31/12 00:13	1
Zinc	25		20	8.3	ug/L		08/28/12 12:18	08/31/12 00:13	1
Thallium	0.50	U	1.0	0.50	ug/L		08/28/12 12:18	08/31/12 00:13	1

Client Sample ID: MW-TP5S — **Lab Sample ID: 640-40081-8**
Date Collected: 08/26/12 13:00 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	90		2.5	1.3	ug/L		08/28/12 12:18	08/31/12 00:20	1
Barium	47000		50	13	ug/L		08/28/12 12:18	08/31/12 12:12	10
Beryllium	330		0.50	0.25	ug/L		08/28/12 12:18	08/31/12 00:20	1
Cadmium	18		0.50	0.095	ug/L		08/28/12 12:18	08/31/12 00:20	1
Lead	2100		3.0	0.40	ug/L		08/28/12 12:18	08/31/12 12:06	2
Nickel	800		5.0	2.0	ug/L		08/28/12 12:18	08/31/12 00:20	1
Selenium	12		2.5	1.0	ug/L		08/28/12 12:18	08/31/12 00:20	1
Zinc	1900		20	8.3	ug/L		08/28/12 12:18	08/31/12 00:20	1
Thallium	4.7		2.0	1.0	ug/L		08/28/12 12:18	08/31/12 12:06	2

Client Sample ID: DUP-4 — **Lab Sample ID: 640-40081-9**
Date Collected: 08/26/12 00:00 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	84		2.5	1.3	ug/L		08/28/12 12:18	08/31/12 00:27	1
Barium	42000		50	13	ug/L		08/28/12 12:18	08/31/12 12:25	10
Beryllium	320		0.50	0.25	ug/L		08/28/12 12:18	08/31/12 00:27	1
Cadmium	17		0.50	0.095	ug/L		08/28/12 12:18	08/31/12 00:27	1
Lead	2100		3.0	0.40	ug/L		08/28/12 12:18	08/31/12 12:19	2
Nickel	740		5.0	2.0	ug/L		08/28/12 12:18	08/31/12 00:27	1
Selenium	11		2.5	1.0	ug/L		08/28/12 12:18	08/31/12 00:27	1
Zinc	1800		20	8.3	ug/L		08/28/12 12:18	08/31/12 00:27	1
Thallium	4.7		2.0	1.0	ug/L		08/28/12 12:18	08/31/12 12:19	2

Client Sample ID: EQ-1 — **Lab Sample ID: 640-40081-10**
Date Collected: 08/26/12 13:45 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:18	08/31/12 00:33	1
Barium	3.1	J	5.0	1.3	ug/L		08/28/12 12:18	08/31/12 00:33	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/28/12 12:18	08/31/12 00:33	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/28/12 12:18	08/31/12 00:33	1
Copper	1.2	J	5.0	1.1	ug/L		08/28/12 12:18	08/31/12 00:33	1
Lead	0.21	J	1.5	0.20	ug/L		08/28/12 12:18	08/31/12 00:33	1
Nickel	2.0	U	5.0	2.0	ug/L		08/28/12 12:18	08/31/12 00:33	1
Selenium	1.0	U	2.5	1.0	ug/L		08/28/12 12:18	08/31/12 00:33	1
Zinc	8.3	U	20	8.3	ug/L		08/28/12 12:18	08/31/12 00:33	1
Thallium	0.50	U	1.0	0.50	ug/L		08/28/12 12:18	08/31/12 00:33	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Client Sample ID: EQ-2 — **Lab Sample ID: 640-40081-11**
Date Collected: 08/26/12 13:50 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:18	08/31/12 00:40	1
Barium	**1.5**	**J**	5.0	1.3	ug/L		08/28/12 12:18	08/31/12 00:40	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/28/12 12:18	08/31/12 00:40	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/28/12 12:18	08/31/12 00:40	1
Copper	1.1	U	5.0	1.1	ug/L		08/28/12 12:18	08/31/12 00:40	1
Lead	0.20	U	1.5	0.20	ug/L		08/28/12 12:18	08/31/12 00:40	1
Nickel	2.0	U	5.0	2.0	ug/L		08/28/12 12:18	08/31/12 00:40	1
Selenium	1.0	U	2.5	1.0	ug/L		08/28/12 12:18	08/31/12 00:40	1
Zinc	8.3	U	20	8.3	ug/L		08/28/12 12:18	08/31/12 00:40	1
Thallium	0.50	U	1.0	0.50	ug/L		08/28/12 12:18	08/31/12 00:40	1

Client Sample ID: MW-13S-R — **Lab Sample ID: 640-40081-12**
Date Collected: 08/22/12 11:25 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:18	08/31/12 00:47	1
Lead	**1.0**	**J**	1.5	0.20	ug/L		08/28/12 12:18	08/31/12 00:47	1
Nickel	**3.5**	**J**	5.0	2.0	ug/L		08/28/12 12:18	08/31/12 00:47	1

Client Sample ID: MW-26S — **Lab Sample ID: 640-40081-14**
Date Collected: 08/25/12 09:30 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:18	08/31/12 01:00	1
Lead	**6.0**		1.5	0.20	ug/L		08/28/12 12:18	08/31/12 01:00	1
Nickel	2.0	U	5.0	2.0	ug/L		08/28/12 12:18	08/31/12 01:00	1

Client Sample ID: MW-10S-R — **Lab Sample ID: 640-40081-16**
Date Collected: 08/22/12 18:55 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:18	08/31/12 01:20	1
Beryllium	**0.49**	**J**	0.50	0.25	ug/L		08/28/12 12:18	08/31/12 01:20	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/28/12 12:18	08/31/12 01:20	1
Lead	**0.43**	**J**	1.5	0.20	ug/L		08/28/12 12:18	08/31/12 01:20	1
Nickel	**3.2**	**J**	5.0	2.0	ug/L		08/28/12 12:18	08/31/12 01:20	1

Client Sample ID: MW-2I — **Lab Sample ID: 640-40081-17**
Date Collected: 08/23/12 08:55 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:18	08/31/12 01:27	1
Lead	**1.9**		1.5	0.20	ug/L		08/28/12 12:18	08/31/12 01:27	1
Nickel	2.0	U	5.0	2.0	ug/L		08/28/12 12:18	08/31/12 01:27	1

Client Sample ID: MW-12S — **Lab Sample ID: 640-40081-18**
Date Collected: 08/23/12 13:00 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**160**		2.5	1.3	ug/L		08/28/12 12:19	08/31/12 01:33	1
Barium	**1300**		5.0	1.3	ug/L		08/28/12 12:19	08/31/12 01:33	1
Beryllium	**41**		0.50	0.25	ug/L		08/28/12 12:19	08/31/12 01:33	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable (Continued)

Client Sample ID: MW-12S — **Lab Sample ID: 640-40081-18**
Date Collected: 08/23/12 13:00 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	6.7		0.50	0.095	ug/L		08/28/12 12:19	08/31/12 01:33	1
Copper	340		5.0	1.1	ug/L		08/28/12 12:19	08/31/12 01:33	1
Lead	51		1.5	0.20	ug/L		08/28/12 12:19	08/31/12 01:33	1
Nickel	240		5.0	2.0	ug/L		08/28/12 12:19	08/31/12 01:33	1
Selenium	23		2.5	1.0	ug/L		08/28/12 12:19	08/31/12 01:33	1
Zinc	1400		20	8.3	ug/L		08/28/12 12:19	08/31/12 01:33	1
Thallium	1.5		1.0	0.50	ug/L		08/28/12 12:19	08/31/12 01:33	1

Client Sample ID: MW-44S — **Lab Sample ID: 640-40081-20**
Date Collected: 08/24/12 13:25 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.1	J	2.5	1.3	ug/L		08/28/12 12:19	08/31/12 01:40	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/28/12 12:19	08/31/12 01:40	1
Lead	0.20	U	1.5	0.20	ug/L		08/28/12 12:19	08/31/12 01:40	1
Nickel	5.7		5.0	2.0	ug/L		08/28/12 12:19	08/31/12 01:40	1

Client Sample ID: MW-34S — **Lab Sample ID: 640-40081-21**
Date Collected: 08/25/12 13:25 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.4		2.5	1.3	ug/L		08/28/12 12:19	08/31/12 01:47	1
Cadmium	17		0.50	0.095	ug/L		08/28/12 12:19	08/31/12 01:47	1
Lead	6.1		1.5	0.20	ug/L		08/28/12 12:19	08/31/12 01:47	1
Nickel	99		5.0	2.0	ug/L		08/28/12 12:19	08/31/12 01:47	1
Zinc	3500		20	8.3	ug/L		08/28/12 12:19	08/31/12 01:47	1

Client Sample ID: MW-3I — **Lab Sample ID: 640-40081-22**
Date Collected: 08/22/12 16:10 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:19	08/31/12 01:53	1
Barium	130		5.0	1.3	ug/L		08/28/12 12:19	08/31/12 01:53	1
Beryllium	0.66		0.50	0.25	ug/L		08/28/12 12:19	08/31/12 01:53	1
Lead	2.1		1.5	0.20	ug/L		08/28/12 12:19	08/31/12 01:53	1
Nickel	3.1	J	5.0	2.0	ug/L		08/28/12 12:19	08/31/12 01:53	1

Client Sample ID: MW-27S-R — **Lab Sample ID: 640-40081-25**
Date Collected: 08/22/12 16:20 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.2		2.5	1.3	ug/L		08/28/12 12:25	08/30/12 20:35	1
Lead	2.2		1.5	0.20	ug/L		08/28/12 12:25	08/30/12 20:35	1
Nickel	21		5.0	2.0	ug/L		08/28/12 12:25	08/30/12 20:35	1

Client Sample ID: MW-35S — **Lab Sample ID: 640-40081-26**
Date Collected: 08/21/12 12:10 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:25	08/30/12 20:42	1
Barium	2000		5.0	1.3	ug/L		08/28/12 12:25	08/30/12 20:42	1
Lead	17		1.5	0.20	ug/L		08/28/12 12:25	08/30/12 20:42	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable (Continued)

Client Sample ID: MW-35S — **Lab Sample ID: 640-40081-26**
Date Collected: 08/21/12 12:10 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	11		5.0	2.0	ug/L		08/28/12 12:25	08/30/12 20:42	1

Client Sample ID: MW-42S — **Lab Sample ID: 640-40081-27**
Date Collected: 08/24/12 13:45 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	29		2.5	1.3	ug/L		08/28/12 12:25	08/30/12 21:04	1
Barium	11		5.0	1.3	ug/L		08/28/12 12:25	08/30/12 21:04	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/28/12 12:25	08/30/12 21:04	1
Cadmium	3.8		0.50	0.095	ug/L		08/28/12 12:25	08/30/12 21:04	1
Lead	0.20	U	1.5	0.20	ug/L		08/28/12 12:25	08/30/12 21:04	1
Nickel	56		5.0	2.0	ug/L		08/28/12 12:25	08/30/12 21:04	1
Zinc	1700		20	8.3	ug/L		08/28/12 12:25	08/30/12 21:04	1

Client Sample ID: DUP-6 — **Lab Sample ID: 640-40081-28**
Date Collected: 08/25/12 00:00 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.1		5.0	2.6	ug/L		08/28/12 12:25	09/06/12 10:29	2
Cadmium	17		1.0	0.19	ug/L		08/28/12 12:25	09/06/12 10:29	2
Lead	5.7		3.0	0.40	ug/L		08/28/12 12:25	09/06/12 10:29	2
Nickel	99		10	4.0	ug/L		08/28/12 12:25	09/06/12 10:29	2
Zinc	3200		40	17	ug/L		08/28/12 12:25	09/06/12 10:29	2

Client Sample ID: MW-46S — **Lab Sample ID: 640-40081-29**
Date Collected: 08/25/12 09:15 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:25	08/30/12 21:19	1
Cadmium	0.48	J	0.50	0.095	ug/L		08/28/12 12:25	08/30/12 21:19	1
Lead	4.7		1.5	0.20	ug/L		08/28/12 12:25	08/30/12 21:19	1
Nickel	10		5.0	2.0	ug/L		08/28/12 12:25	08/30/12 21:19	1
Zinc	70		20	8.3	ug/L		08/28/12 12:25	08/30/12 21:19	1

Client Sample ID: MW-28S — **Lab Sample ID: 640-40081-30**
Date Collected: 08/21/12 14:05 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.1	J	2.5	1.3	ug/L		08/28/12 12:25	08/30/12 21:26	1
Barium	1400		5.0	1.3	ug/L		08/28/12 12:25	08/30/12 21:26	1
Beryllium	5.0		0.50	0.25	ug/L		08/28/12 12:25	08/30/12 21:26	1
Lead	0.81	J	1.5	0.20	ug/L		08/28/12 12:25	08/30/12 21:26	1
Nickel	22		5.0	2.0	ug/L		08/28/12 12:25	08/30/12 21:26	1

Client Sample ID: MW-32S-R — **Lab Sample ID: 640-40081-31**
Date Collected: 08/21/12 20:00 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.2		2.5	1.3	ug/L		08/28/12 12:25	08/30/12 21:33	1
Lead	0.46	J	1.5	0.20	ug/L		08/28/12 12:25	08/30/12 21:33	1
Nickel	23		5.0	2.0	ug/L		08/28/12 12:25	08/30/12 21:33	1

Client Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-40081-1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Client Sample ID: DUP-2 — **Lab Sample ID: 640-40081-32**
Date Collected: 08/21/12 00:00 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.0		2.5	1.3	ug/L		08/28/12 12:25	08/30/12 21:41	1
Barium	2700		5.0	1.3	ug/L		08/28/12 12:25	08/30/12 21:41	1
Beryllium	6.6		0.50	0.25	ug/L		08/28/12 12:25	08/30/12 21:41	1
Copper	24		5.0	1.1	ug/L		08/28/12 12:25	08/30/12 21:41	1
Lead	75		1.5	0.20	ug/L		08/28/12 12:25	08/30/12 21:41	1
Nickel	20		5.0	2.0	ug/L		08/28/12 12:25	08/30/12 21:41	1

Client Sample ID: MW-30S — **Lab Sample ID: 640-40081-33**
Date Collected: 08/21/12 17:55 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:25	08/30/12 21:48	1
Barium	2000		5.0	1.3	ug/L		08/28/12 12:25	08/30/12 21:48	1
Beryllium	3.1		0.50	0.25	ug/L		08/28/12 12:25	08/30/12 21:48	1
Copper	6.6		5.0	1.1	ug/L		08/28/12 12:25	08/30/12 21:48	1
Lead	11		1.5	0.20	ug/L		08/28/12 12:25	08/30/12 21:48	1
Nickel	11		5.0	2.0	ug/L		08/28/12 12:25	08/30/12 21:48	1

Client Sample ID: MW-21S — **Lab Sample ID: 640-40081-34**
Date Collected: 08/21/12 20:30 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.9	J	2.5	1.3	ug/L		08/28/12 12:25	08/30/12 21:55	1
Beryllium	1.0		0.50	0.25	ug/L		08/28/12 12:25	08/30/12 21:55	1
Cadmium	1.6		0.50	0.095	ug/L		08/28/12 12:25	08/30/12 21:55	1
Lead	0.20	U	1.5	0.20	ug/L		08/28/12 12:25	08/30/12 21:55	1
Nickel	30		5.0	2.0	ug/L		08/28/12 12:25	08/30/12 21:55	1

Client Sample ID: MW-15S — **Lab Sample ID: 640-40081-35**
Date Collected: 08/23/12 09:35 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	66		2.5	1.3	ug/L		08/28/12 12:25	08/30/12 22:02	1
Beryllium	4.7		0.50	0.25	ug/L		08/28/12 12:25	08/30/12 22:02	1
Lead	28		1.5	0.20	ug/L		08/28/12 12:25	08/30/12 22:02	1
Nickel	44		5.0	2.0	ug/L		08/28/12 12:25	08/30/12 22:02	1

Client Sample ID: MW-13I — **Lab Sample ID: 640-40081-36**
Date Collected: 08/23/12 19:20 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:25	08/30/12 22:10	1
Lead	0.24	J	1.5	0.20	ug/L		08/28/12 12:25	08/30/12 22:10	1
Nickel	2.0	U	5.0	2.0	ug/L		08/28/12 12:25	08/30/12 22:10	1

Client Sample ID: MW-32I — **Lab Sample ID: 640-40081-37**
Date Collected: 08/21/12 20:45 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	71		2.5	1.3	ug/L		08/28/12 12:25	08/30/12 22:32	1
Barium	570		5.0	1.3	ug/L		08/28/12 12:25	08/30/12 22:32	1
Beryllium	19		0.50	0.25	ug/L		08/28/12 12:25	08/30/12 22:32	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable (Continued)

Client Sample ID: MW-32I — **Lab Sample ID: 640-40081-37**
Date Collected: 08/21/12 20:45 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.5		0.50	0.095	ug/L		08/28/12 12:25	08/30/12 22:32	1
Lead	96		1.5	0.20	ug/L		08/28/12 12:25	08/30/12 22:32	1
Nickel	110		5.0	2.0	ug/L		08/28/12 12:25	08/30/12 22:32	1
Thallium	1.1		1.0	0.50	ug/L		08/28/12 12:25	08/30/12 22:32	1

Client Sample ID: MW-40S — **Lab Sample ID: 640-40081-39**
Date Collected: 08/23/12 14:35 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:25	08/30/12 22:46	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/28/12 12:25	08/30/12 22:46	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/28/12 12:25	08/30/12 22:46	1
Lead	0.54	J	1.5	0.20	ug/L		08/28/12 12:25	08/30/12 22:46	1
Nickel	2.0	J	5.0	2.0	ug/L		08/28/12 12:25	08/30/12 22:46	1
Thallium	0.50	U	1.0	0.50	ug/L		08/28/12 12:25	08/30/12 22:46	1

Client Sample ID: MW-TP2S — **Lab Sample ID: 640-40081-40**
Date Collected: 08/24/12 18:30 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.5		2.5	1.3	ug/L		08/28/12 12:25	08/30/12 22:54	1
Lead	2.6		1.5	0.20	ug/L		08/28/12 12:25	08/30/12 22:54	1
Nickel	7.8		5.0	2.0	ug/L		08/28/12 12:25	08/30/12 22:54	1

Client Sample ID: MW-18S — **Lab Sample ID: 640-40081-41**
Date Collected: 08/23/12 19:40 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:25	08/30/12 23:01	1
Barium	130		5.0	1.3	ug/L		08/28/12 12:25	08/30/12 23:01	1
Beryllium	0.58		0.50	0.25	ug/L		08/28/12 12:25	08/30/12 23:01	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/28/12 12:25	08/30/12 23:01	1
Copper	1.3	J	5.0	1.1	ug/L		08/28/12 12:25	08/30/12 23:01	1
Lead	0.27	J	1.5	0.20	ug/L		08/28/12 12:25	08/30/12 23:01	1
Nickel	6.4		5.0	2.0	ug/L		08/28/12 12:25	08/30/12 23:01	1
Zinc	39		20	8.3	ug/L		08/28/12 12:25	08/30/12 23:01	1
Thallium	0.50	U	1.0	0.50	ug/L		08/28/12 12:25	08/30/12 23:01	1

Client Sample ID: MW-49S — **Lab Sample ID: 640-40081-42**
Date Collected: 08/24/12 10:20 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.5	J	2.5	1.3	ug/L		08/28/12 12:25	08/30/12 19:51	1
Barium	46		5.0	1.3	ug/L		08/28/12 12:25	08/30/12 19:51	1
Beryllium	0.36	J	0.50	0.25	ug/L		08/28/12 12:25	08/30/12 19:51	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/28/12 12:25	08/30/12 19:51	1
Copper	5.0		5.0	1.1	ug/L		08/28/12 12:25	08/30/12 19:51	1
Lead	3.4		1.5	0.20	ug/L		08/28/12 12:25	08/30/12 19:51	1
Nickel	4.5	J	5.0	2.0	ug/L		08/28/12 12:25	08/30/12 19:51	1
Selenium	1.0	U	2.5	1.0	ug/L		08/28/12 12:25	08/30/12 19:51	1
Zinc	26		20	8.3	ug/L		08/28/12 12:25	08/30/12 19:51	1
Thallium	0.50	U	1.0	0.50	ug/L		08/28/12 12:25	08/30/12 19:51	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Client Sample ID: MW-TP1S — **Lab Sample ID: 640-40081-43**
Date Collected: 08/25/12 16:15 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:27	08/30/12 07:46	1
Lead	7.4		1.5	0.20	ug/L		08/28/12 12:27	08/30/12 07:46	1
Nickel	7.3		5.0	2.0	ug/L		08/28/12 12:27	08/30/12 07:46	1

Client Sample ID: MW-41S — **Lab Sample ID: 640-40081-44**
Date Collected: 08/23/12 17:55 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.5		2.5	1.3	ug/L		08/28/12 12:27	08/30/12 08:16	1
Beryllium	5.0		0.50	0.25	ug/L		08/28/12 12:27	08/30/12 08:16	1
Cadmium	1.9		0.50	0.095	ug/L		08/28/12 12:27	08/30/12 08:16	1
Lead	35		1.5	0.20	ug/L		08/28/12 12:27	08/30/12 08:16	1
Nickel	26		5.0	2.0	ug/L		08/28/12 12:27	08/30/12 08:16	1
Thallium	1.3		1.0	0.50	ug/L		08/28/12 12:27	08/30/12 08:16	1

Client Sample ID: MW-10I — **Lab Sample ID: 640-40081-45**
Date Collected: 08/22/12 18:05 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:27	08/30/12 08:22	1
Lead	0.39	J	1.5	0.20	ug/L		08/28/12 12:27	08/30/12 08:22	1
Nickel	2.0	U	5.0	2.0	ug/L		08/28/12 12:27	08/30/12 08:22	1

Client Sample ID: MW-45S — **Lab Sample ID: 640-40081-46**
Date Collected: 08/25/12 13:55 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	19		2.5	1.3	ug/L		08/28/12 12:27	08/30/12 08:28	1
Lead	2.8		1.5	0.20	ug/L		08/28/12 12:27	08/30/12 08:28	1
Nickel	11		5.0	2.0	ug/L		08/28/12 12:27	08/30/12 08:28	1

Client Sample ID: DUP-1 — **Lab Sample ID: 640-40081-48**
Date Collected: 08/22/12 00:00 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	380		10	5.2	ug/L		08/28/12 12:27	09/05/12 13:14	4
Beryllium	40		0.50	0.25	ug/L		08/28/12 12:27	09/04/12 16:46	1
Cadmium	19		0.50	0.095	ug/L		08/28/12 12:27	09/04/12 16:46	1
Lead	150		6.0	0.80	ug/L		08/28/12 12:27	09/05/12 13:14	4
Nickel	620		20	8.0	ug/L		08/28/12 12:27	09/05/12 13:14	4
Zinc	3200		20	8.3	ug/L		08/28/12 12:27	09/04/12 16:46	1

Client Sample ID: MW-4S — **Lab Sample ID: 640-40081-49**
Date Collected: 08/25/12 16:45 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	32		2.5	1.3	ug/L		08/28/12 12:27	08/30/12 08:58	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/28/12 12:27	08/30/12 08:58	1
Cadmium	6.6		0.50	0.095	ug/L		08/28/12 12:27	08/30/12 08:58	1
Copper	28		5.0	1.1	ug/L		08/28/12 12:27	08/30/12 08:58	1
Lead	0.20	U	1.5	0.20	ug/L		08/28/12 12:27	08/30/12 08:58	1
Nickel	95		5.0	2.0	ug/L		08/28/12 12:27	08/30/12 08:58	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable (Continued)

Client Sample ID: MW-4S — **Lab Sample ID: 640-40081-49**
Date Collected: 08/25/12 16:45 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	1700		20	8.3	ug/L		08/28/12 12:27	08/30/12 08:58	1

Client Sample ID: MW-TP3S — **Lab Sample ID: 640-40081-50**
Date Collected: 08/25/12 08:50 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:27	08/30/12 09:04	1
Lead	1.1	J	1.5	0.20	ug/L		08/28/12 12:27	08/30/12 09:04	1
Nickel	2.8	J	5.0	2.0	ug/L		08/28/12 12:27	08/30/12 09:04	1

Client Sample ID: MW-TP1I — **Lab Sample ID: 640-40081-51**
Date Collected: 08/25/12 15:45 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:27	08/30/12 09:10	1
Lead	0.20	U	1.5	0.20	ug/L		08/28/12 12:27	08/30/12 09:10	1
Nickel	2.0	U	5.0	2.0	ug/L		08/28/12 12:27	08/30/12 09:10	1

Client Sample ID: DUP-3 — **Lab Sample ID: 640-40081-52**
Date Collected: 08/22/12 00:00 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	350		10	5.2	ug/L		08/28/12 12:27	09/05/12 13:22	4
Barium	14		5.0	1.3	ug/L		08/28/12 12:27	09/04/12 16:53	1
Beryllium	25		0.50	0.25	ug/L		08/28/12 12:27	09/04/12 16:53	1
Cadmium	13		0.50	0.095	ug/L		08/28/12 12:27	09/04/12 16:53	1
Copper	1900		20	4.4	ug/L		08/28/12 12:27	09/05/12 13:22	4
Lead	110		6.0	0.80	ug/L		08/28/12 12:27	09/05/12 13:22	4
Nickel	320		20	8.0	ug/L		08/28/12 12:27	09/05/12 13:22	4
Selenium	68		2.5	1.0	ug/L		08/28/12 12:27	09/04/12 16:53	1
Zinc	1900		20	8.3	ug/L		08/28/12 12:27	09/04/12 16:53	1

Client Sample ID: MW-29S — **Lab Sample ID: 640-40081-53**
Date Collected: 08/21/12 17:06 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.2		2.5	1.3	ug/L		08/28/12 12:27	08/30/12 09:22	1
Barium	2600		5.0	1.3	ug/L		08/28/12 12:27	08/30/12 09:22	1
Beryllium	5.9		0.50	0.25	ug/L		08/28/12 12:27	08/30/12 09:22	1
Copper	19		5.0	1.1	ug/L		08/28/12 12:27	08/30/12 09:22	1
Lead	74		1.5	0.20	ug/L		08/28/12 12:27	08/30/12 09:22	1
Nickel	16		5.0	2.0	ug/L		08/28/12 12:27	08/30/12 09:22	1

Client Sample ID: MW-3S — **Lab Sample ID: 640-40081-54**
Date Collected: 08/22/12 14:06 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	350		10	5.2	ug/L		08/28/12 12:27	09/05/12 13:29	4
Barium	14		5.0	1.3	ug/L		08/28/12 12:27	09/04/12 17:01	1
Beryllium	24		0.50	0.25	ug/L		08/28/12 12:27	09/04/12 17:01	1
Cadmium	12		0.50	0.095	ug/L		08/28/12 12:27	09/04/12 17:01	1
Copper	1900		20	4.4	ug/L		08/28/12 12:27	09/05/12 13:29	4

Method: 6020A - Metals (ICP/MS) - Total Recoverable (Continued)

Client Sample ID: MW-3S — **Lab Sample ID: 640-40081-54**
Date Collected: 08/22/12 14:06 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	110		6.0	0.80	ug/L		08/28/12 12:27	09/05/12 13:29	4
Nickel	320		20	8.0	ug/L		08/28/12 12:27	09/05/12 13:29	4
Selenium	64		2.5	1.0	ug/L		08/28/12 12:27	09/04/12 17:01	1
Zinc	1800		20	8.3	ug/L		08/28/12 12:27	09/04/12 17:01	1

Client Sample ID: MW-22S — **Lab Sample ID: 640-40081-55**
Date Collected: 08/24/12 14:25 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:27	08/30/12 09:34	1
Lead	0.20	U	1.5	0.20	ug/L		08/28/12 12:27	08/30/12 09:34	1
Nickel	5.3		5.0	2.0	ug/L		08/28/12 12:27	08/30/12 09:34	1

Client Sample ID: FFFW-1-R — **Lab Sample ID: 640-40081-56**
Date Collected: 08/24/12 15:15 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.6	J	2.5	1.3	ug/L		08/28/12 12:27	08/30/12 09:40	1
Lead	0.20	U	1.5	0.20	ug/L		08/28/12 12:27	08/30/12 09:40	1
Nickel	2.0	U	5.0	2.0	ug/L		08/28/12 12:27	08/30/12 09:40	1

Client Sample ID: MW-7I — **Lab Sample ID: 640-40081-57**
Date Collected: 08/23/12 17:25 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.7		2.5	1.3	ug/L		08/28/12 12:27	08/30/12 09:58	1
Barium	1700		5.0	1.3	ug/L		08/28/12 12:27	08/30/12 09:58	1
Beryllium	4.0		0.50	0.25	ug/L		08/28/12 12:27	08/30/12 09:58	1
Lead	43		1.5	0.20	ug/L		08/28/12 12:27	08/30/12 09:58	1
Nickel	8.7		5.0	2.0	ug/L		08/28/12 12:27	08/30/12 09:58	1

Client Sample ID: MW-39S — **Lab Sample ID: 640-40081-58**
Date Collected: 08/23/12 12:05 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.4		2.5	1.3	ug/L		08/28/12 12:27	08/30/12 10:04	1
Barium	67		5.0	1.3	ug/L		08/28/12 12:27	08/30/12 10:04	1
Beryllium	2.1		0.50	0.25	ug/L		08/28/12 12:27	08/30/12 10:04	1
Lead	9.6		1.5	0.20	ug/L		08/28/12 12:27	08/30/12 10:04	1
Nickel	15		5.0	2.0	ug/L		08/28/12 12:27	08/30/12 10:04	1
Zinc	53		20	8.3	ug/L		08/28/12 12:27	08/30/12 10:04	1

Client Sample ID: MW-2S — **Lab Sample ID: 640-40081-59**
Date Collected: 08/23/12 09:20 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:27	08/30/12 10:10	1
Barium	44		5.0	1.3	ug/L		08/28/12 12:27	08/30/12 10:10	1
Lead	4.0		1.5	0.20	ug/L		08/28/12 12:27	08/30/12 10:10	1
Nickel	7.4		5.0	2.0	ug/L		08/28/12 12:27	08/30/12 10:10	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Client Sample ID: FFFW-3-R — **Lab Sample ID: 640-40081-60**
Date Collected: 08/24/12 09:25 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20		2.5	1.3	ug/L		08/28/12 12:27	08/30/12 10:16	1
Lead	0.20	U	1.5	0.20	ug/L		08/28/12 12:27	08/30/12 10:16	1
Nickel	56		5.0	2.0	ug/L		08/28/12 12:27	08/30/12 10:16	1

Client Sample ID: MW-6I — **Lab Sample ID: 640-40081-61**
Date Collected: 08/23/12 12:45 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:27	08/30/12 10:22	1
Lead	4.1		1.5	0.20	ug/L		08/28/12 12:27	08/30/12 10:22	1
Nickel	2.6	J	5.0	2.0	ug/L		08/28/12 12:27	08/30/12 10:22	1

Client Sample ID: MW-12I — **Lab Sample ID: 640-40081-62**
Date Collected: 08/23/12 16:15 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:27	08/30/12 10:28	1
Barium	510		5.0	1.3	ug/L		08/28/12 12:27	08/30/12 10:28	1
Beryllium	1.5		0.50	0.25	ug/L		08/28/12 12:27	08/30/12 10:28	1
Lead	5.9		1.5	0.20	ug/L		08/28/12 12:27	08/30/12 10:28	1
Nickel	6.7		5.0	2.0	ug/L		08/28/12 12:27	08/30/12 10:28	1

Client Sample ID: MW-34I — **Lab Sample ID: 640-40081-64**
Date Collected: 08/25/12 12:35 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:29	08/30/12 04:39	1
Lead	3.8		1.5	0.20	ug/L		08/28/12 12:29	08/30/12 04:39	1
Nickel	4.4	J	5.0	2.0	ug/L		08/28/12 12:29	08/30/12 04:39	1
Zinc	18	J	20	8.3	ug/L		08/28/12 12:29	08/30/12 04:39	1

Client Sample ID: MW-1I-R — **Lab Sample ID: 640-40081-65**
Date Collected: 08/23/12 12:00 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:29	08/30/12 05:09	1
Lead	1.7		1.5	0.20	ug/L		08/28/12 12:29	08/30/12 05:09	1
Nickel	3.7	J	5.0	2.0	ug/L		08/28/12 12:29	08/30/12 05:09	1

Client Sample ID: MW-25S — **Lab Sample ID: 640-40081-66**
Date Collected: 08/24/12 18:10 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:29	08/30/12 05:15	1
Lead	0.58	J	1.5	0.20	ug/L		08/28/12 12:29	08/30/12 05:15	1
Nickel	3.4	J	5.0	2.0	ug/L		08/28/12 12:29	08/30/12 05:15	1

Client Sample ID: MW-8I — **Lab Sample ID: 640-40081-67**
Date Collected: 08/22/12 13:25 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:29	08/30/12 05:33	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable (Continued)

Client Sample ID: MW-8I — **Lab Sample ID: 640-40081-67**
Date Collected: 08/22/12 13:25 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	13		1.5	0.20	ug/L		08/28/12 12:29	08/30/12 05:33	1
Nickel	4.3	J	5.0	2.0	ug/L		08/28/12 12:29	08/30/12 05:33	1

Client Sample ID: MW-6S-R — **Lab Sample ID: 640-40081-68**
Date Collected: 08/22/12 13:40 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	570		10	5.2	ug/L		08/28/12 12:29	09/05/12 13:36	4
Beryllium	41		4.0	2.0	ug/L		08/28/12 12:29	09/06/12 10:22	8
Cadmium	16		0.50	0.095	ug/L		08/28/12 12:29	09/04/12 17:08	1
Lead	160		6.0	0.80	ug/L		08/28/12 12:29	09/05/12 13:36	4
Nickel	590		20	8.0	ug/L		08/28/12 12:29	09/05/12 13:36	4
Zinc	3200		20	8.3	ug/L		08/28/12 12:29	09/04/12 17:08	1

Client Sample ID: MW-36S — **Lab Sample ID: 640-40081-69**
Date Collected: 08/22/12 11:12 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	55		2.5	1.3	ug/L		08/28/12 12:29	09/04/12 17:15	1
Beryllium	4.5		0.50	0.25	ug/L		08/28/12 12:29	09/04/12 17:15	1
Lead	54		1.5	0.20	ug/L		08/28/12 12:29	09/04/12 17:15	1
Nickel	22		5.0	2.0	ug/L		08/28/12 12:29	09/04/12 17:15	1

Client Sample ID: FFFW-4-R — **Lab Sample ID: 640-40081-70**
Date Collected: 08/25/12 13:10 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.3		2.5	1.3	ug/L		08/28/12 12:29	08/30/12 05:51	1
Beryllium	1.4		0.50	0.25	ug/L		08/28/12 12:29	08/30/12 05:51	1
Lead	16		1.5	0.20	ug/L		08/28/12 12:29	08/30/12 05:51	1
Nickel	21		5.0	2.0	ug/L		08/28/12 12:29	08/30/12 05:51	1

Client Sample ID: MW-38S — **Lab Sample ID: 640-40081-71**
Date Collected: 08/22/12 16:45 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:29	08/30/12 05:57	1
Lead	0.20	U	1.5	0.20	ug/L		08/28/12 12:29	08/30/12 05:57	1
Nickel	2.0	U	5.0	2.0	ug/L		08/28/12 12:29	08/30/12 05:57	1

Client Sample ID: MW-48S — **Lab Sample ID: 640-40081-72**
Date Collected: 08/21/12 17:16 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:29	08/30/12 06:03	1
Barium	2700		5.0	1.3	ug/L		08/28/12 12:29	08/30/12 06:03	1
Beryllium	5.5		0.50	0.25	ug/L		08/28/12 12:29	08/30/12 06:03	1
Cadmium	0.49	J	0.50	0.095	ug/L		08/28/12 12:29	08/30/12 06:03	1
Copper	14		5.0	1.1	ug/L		08/28/12 12:29	08/30/12 06:03	1
Lead	24		1.5	0.20	ug/L		08/28/12 12:29	08/30/12 06:03	1
Nickel	15		5.0	2.0	ug/L		08/28/12 12:29	08/30/12 06:03	1
Selenium	1.9	J	2.5	1.0	ug/L		08/28/12 12:29	08/30/12 06:03	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable (Continued)

Client Sample ID: MW-48S — **Lab Sample ID: 640-40081-72**
Date Collected: 08/21/12 17:16 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	65		20	8.3	ug/L		08/28/12 12:29	08/30/12 06:03	1
Thallium	0.53	J	1.0	0.50	ug/L		08/28/12 12:29	08/30/12 06:03	1

Client Sample ID: MW-33S — **Lab Sample ID: 640-40081-73**
Date Collected: 08/24/12 17:25 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:29	08/30/12 06:09	1
Lead	0.51	J	1.5	0.20	ug/L		08/28/12 12:29	08/30/12 06:09	1
Nickel	2.0	U	5.0	2.0	ug/L		08/28/12 12:29	08/30/12 06:09	1
Zinc	18	J	20	8.3	ug/L		08/28/12 12:29	08/30/12 06:09	1

Client Sample ID: MW-43S — **Lab Sample ID: 640-40081-74**
Date Collected: 08/24/12 09:15 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12		2.5	1.3	ug/L		08/28/12 12:29	08/30/12 06:15	1
Cadmium	2.7		0.50	0.095	ug/L		08/28/12 12:29	08/30/12 06:15	1
Lead	0.20	U	1.5	0.20	ug/L		08/28/12 12:29	08/30/12 06:15	1
Nickel	39		5.0	2.0	ug/L		08/28/12 12:29	08/30/12 06:15	1
Zinc	240		20	8.3	ug/L		08/28/12 12:29	08/30/12 06:15	1

Client Sample ID: MW-11S — **Lab Sample ID: 640-40081-75**
Date Collected: 08/22/12 19:30 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.0		2.5	1.3	ug/L		08/28/12 12:29	08/30/12 06:21	1
Lead	0.50	J	1.5	0.20	ug/L		08/28/12 12:29	08/30/12 06:21	1
Nickel	2.4	J	5.0	2.0	ug/L		08/28/12 12:29	08/30/12 06:21	1

Client Sample ID: MW-1S-R — **Lab Sample ID: 640-40081-76**
Date Collected: 08/23/12 10:00 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:29	08/30/12 06:27	1
Lead	0.88	J	1.5	0.20	ug/L		08/28/12 12:29	08/30/12 06:27	1
Nickel	2.3	J	5.0	2.0	ug/L		08/28/12 12:29	08/30/12 06:27	1

Client Sample ID: MW-9S-R — **Lab Sample ID: 640-40081-78**
Date Collected: 08/22/12 09:45 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	55		2.5	1.3	ug/L		08/28/12 12:29	09/04/12 17:23	1
Lead	32		1.5	0.20	ug/L		08/28/12 12:29	09/04/12 17:23	1
Nickel	14		5.0	2.0	ug/L		08/28/12 12:29	09/04/12 17:23	1

Client Sample ID: MW-7S-R — **Lab Sample ID: 640-40081-79**
Date Collected: 08/22/12 09:20 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.8	J	2.5	1.3	ug/L		08/28/12 12:29	08/30/12 06:57	1
Beryllium	5.4		0.50	0.25	ug/L		08/28/12 12:29	08/30/12 06:57	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable (Continued)

Client Sample ID: MW-7S-R — **Lab Sample ID: 640-40081-79**
Date Collected: 08/22/12 09:20 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.44	J	1.5	0.20	ug/L		08/28/12 12:29	08/30/12 06:57	1
Nickel	87		5.0	2.0	ug/L		08/28/12 12:29	08/30/12 06:57	1

Client Sample ID: DUP-5 — **Lab Sample ID: 640-40081-81**
Date Collected: 08/22/12 00:00 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	55		2.5	1.3	ug/L		08/28/12 12:29	09/04/12 17:30	1
Beryllium	4.8		0.50	0.25	ug/L		08/28/12 12:29	09/04/12 17:30	1
Lead	55		1.5	0.20	ug/L		08/28/12 12:29	09/04/12 17:30	1
Nickel	23		5.0	2.0	ug/L		08/28/12 12:29	09/04/12 17:30	1

Client Sample ID: MW-5S-R — **Lab Sample ID: 640-40081-82**
Date Collected: 08/22/12 18:40 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.8		2.5	1.3	ug/L		08/28/12 12:29	08/30/12 07:16	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/28/12 12:29	08/30/12 07:16	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/28/12 12:29	08/30/12 07:16	1
Lead	0.20	U	1.5	0.20	ug/L		08/28/12 12:29	08/30/12 07:16	1
Nickel	11		5.0	2.0	ug/L		08/28/12 12:29	08/30/12 07:16	1

Client Sample ID: MW-37S — **Lab Sample ID: 640-40081-83**
Date Collected: 08/22/12 15:55 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.3	J	2.5	1.3	ug/L		08/28/12 12:33	08/30/12 02:57	1
Lead	0.20	U	1.5	0.20	ug/L		08/28/12 12:33	08/30/12 02:57	1
Nickel	2.0	U	5.0	2.0	ug/L		08/28/12 12:33	08/30/12 02:57	1

Client Sample ID: MW-31S — **Lab Sample ID: 640-40081-84**
Date Collected: 08/24/12 10:53 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:33	08/30/12 03:27	1
Barium	150		5.0	1.3	ug/L		08/28/12 12:33	08/30/12 03:27	1
Beryllium	0.66		0.50	0.25	ug/L		08/28/12 12:33	08/30/12 03:27	1
Lead	1.6		1.5	0.20	ug/L		08/28/12 12:33	08/30/12 03:27	1
Nickel	2.4	J	5.0	2.0	ug/L		08/28/12 12:33	08/30/12 03:27	1

Client Sample ID: MW-20S — **Lab Sample ID: 640-40081-86**
Date Collected: 08/25/12 09:40 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:33	08/30/12 03:39	1
Lead	0.20	U	1.5	0.20	ug/L		08/28/12 12:33	08/30/12 03:39	1
Nickel	2.0	U	5.0	2.0	ug/L		08/28/12 12:33	08/30/12 03:39	1

Client Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-40081-1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Client Sample ID: MW-47S — **Lab Sample ID: 640-40081-87**
Date Collected: 08/25/12 18:45 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:33	08/30/12 03:57	1
Barium	**44**		5.0	1.3	ug/L		08/28/12 12:33	08/30/12 03:57	1
Beryllium	**0.37**	**J**	0.50	0.25	ug/L		08/28/12 12:33	08/30/12 03:57	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/28/12 12:33	08/30/12 03:57	1
Lead	0.20	U	1.5	0.20	ug/L		08/28/12 12:33	08/30/12 03:57	1
Nickel	2.0	U	5.0	2.0	ug/L		08/28/12 12:33	08/30/12 03:57	1
Zinc	8.3	U	20	8.3	ug/L		08/28/12 12:33	08/30/12 03:57	1
Thallium	0.50	U	1.0	0.50	ug/L		08/28/12 12:33	08/30/12 03:57	1

Client Sample ID: MW-TP4S — **Lab Sample ID: 640-40081-88**
Date Collected: 08/25/12 18:52 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:33	08/30/12 04:03	1
Barium	**170**		5.0	1.3	ug/L		08/28/12 12:33	08/30/12 04:03	1
Beryllium	**0.63**		0.50	0.25	ug/L		08/28/12 12:33	08/30/12 04:03	1
Lead	**3.8**		1.5	0.20	ug/L		08/28/12 12:33	08/30/12 04:03	1
Nickel	**4.0**	**J**	5.0	2.0	ug/L		08/28/12 12:33	08/30/12 04:03	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Client Sample ID: MW-TP5I — **Lab Sample ID: 640-40081-5**
Date Collected: 08/26/12 11:45 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	1.4	J	2.5	1.3	ug/L		08/28/12 12:18	08/31/12 00:00	1
Lead, Dissolved	1.3	J	1.5	0.20	ug/L		08/28/12 12:18	08/31/12 00:00	1
Nickel, Dissolved	3.6	J	5.0	2.0	ug/L		08/28/12 12:18	08/31/12 00:00	1
Zinc, Dissolved	11	J	20	8.3	ug/L		08/28/12 12:18	08/31/12 00:00	1

Client Sample ID: MW-13S-R — **Lab Sample ID: 640-40081-13**
Date Collected: 08/22/12 11:25 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	1.3	U	2.5	1.3	ug/L		08/28/12 12:18	08/31/12 00:53	1
Lead, Dissolved	0.20	U	1.5	0.20	ug/L		08/28/12 12:18	08/31/12 00:53	1
Nickel, Dissolved	3.0	J	5.0	2.0	ug/L		08/28/12 12:18	08/31/12 00:53	1

Client Sample ID: MW-49S — **Lab Sample ID: 640-40081-23**
Date Collected: 08/24/12 10:20 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	1.3	U	2.5	1.3	ug/L		08/28/12 12:25	08/30/12 23:08	1
Barium, Dissolved	32		5.0	1.3	ug/L		08/28/12 12:25	08/30/12 23:08	1
Beryllium, Dissolved	0.25	U	0.50	0.25	ug/L		08/28/12 12:25	08/30/12 23:08	1
Cadmium, Dissolved	0.095	U	0.50	0.095	ug/L		08/28/12 12:25	08/30/12 23:08	1
Copper, Dissolved	2.2	J	5.0	1.1	ug/L		08/28/12 12:25	08/30/12 23:08	1
Lead, Dissolved	1.2	J	1.5	0.20	ug/L		08/28/12 12:25	08/30/12 23:08	1
Nickel, Dissolved	2.1	J	5.0	2.0	ug/L		08/28/12 12:25	08/30/12 23:08	1
Selenium, Dissolved	1.0	U	2.5	1.0	ug/L		08/28/12 12:25	08/30/12 23:08	1
Zinc, Dissolved	13	J	20	8.3	ug/L		08/28/12 12:25	08/30/12 23:08	1
Thallium, Dissolved	0.50	U	1.0	0.50	ug/L		08/28/12 12:25	08/30/12 23:08	1

Client Sample ID: MW-1S-R — **Lab Sample ID: 640-40081-24**
Date Collected: 08/23/12 10:00 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	1.3	U	2.5	1.3	ug/L		08/28/12 12:25	08/30/12 20:27	1
Lead, Dissolved	0.21	J	1.5	0.20	ug/L		08/28/12 12:25	08/30/12 20:27	1
Nickel, Dissolved	3.1	J	5.0	2.0	ug/L		08/28/12 12:25	08/30/12 20:27	1

Client Sample ID: MW-42S — **Lab Sample ID: 640-40081-38**
Date Collected: 08/24/12 13:45 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	29		5.0	2.6	ug/L		08/28/12 12:25	09/06/12 10:42	2
Barium, Dissolved	14		10	2.6	ug/L		08/28/12 12:25	09/06/12 10:42	2
Beryllium, Dissolved	0.75	J	1.0	0.50	ug/L		08/28/12 12:25	09/06/12 10:42	2
Cadmium, Dissolved	4.0		1.0	0.19	ug/L		08/28/12 12:25	09/06/12 10:42	2
Lead, Dissolved	0.40	U	3.0	0.40	ug/L		08/28/12 12:25	09/06/12 10:42	2
Nickel, Dissolved	58		10	4.0	ug/L		08/28/12 12:25	09/06/12 10:42	2
Zinc, Dissolved	3100		40	17	ug/L		08/28/12 12:25	09/06/12 10:42	2

Method: 6020A - Metals (ICP/MS) - Dissolved

Client Sample ID: MW-34I — **Lab Sample ID: 640-40081-47**
Date Collected: 08/25/12 12:35 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	1.3	U	2.5	1.3	ug/L		08/28/12 12:27	08/30/12 08:46	1
Lead, Dissolved	**0.84**	**J**	1.5	0.20	ug/L		08/28/12 12:27	08/30/12 08:46	1
Nickel, Dissolved	2.0	U	5.0	2.0	ug/L		08/28/12 12:27	08/30/12 08:46	1
Zinc, Dissolved	8.3	U	20	8.3	ug/L		08/28/12 12:27	08/30/12 08:46	1

Client Sample ID: FFFW-4-R — **Lab Sample ID: 640-40081-63**
Date Collected: 08/25/12 13:10 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**6.3**		2.5	1.3	ug/L		08/28/12 12:29	08/30/12 04:33	1
Beryllium, Dissolved	**2.1**		0.50	0.25	ug/L		08/28/12 12:29	08/30/12 04:33	1
Lead, Dissolved	**19**		1.5	0.20	ug/L		08/28/12 12:29	08/30/12 04:33	1
Nickel, Dissolved	**25**		5.0	2.0	ug/L		08/28/12 12:29	08/30/12 04:33	1

Client Sample ID: MW-7S-R — **Lab Sample ID: 640-40081-77**
Date Collected: 08/22/12 09:20 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**2.1**	**J**	2.5	1.3	ug/L		08/28/12 12:29	08/30/12 06:45	1
Beryllium, Dissolved	**5.3**		0.50	0.25	ug/L		08/28/12 12:29	08/30/12 06:45	1
Lead, Dissolved	**0.41**	**J**	1.5	0.20	ug/L		08/28/12 12:29	08/30/12 06:45	1
Nickel, Dissolved	**91**		5.0	2.0	ug/L		08/28/12 12:29	08/30/12 06:45	1

Client Sample ID: MW-11S — **Lab Sample ID: 640-40081-80**
Date Collected: 08/22/12 19:30 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**5.3**		2.5	1.3	ug/L		08/28/12 12:29	08/30/12 07:03	1
Lead, Dissolved	0.20	U	1.5	0.20	ug/L		08/28/12 12:29	08/30/12 07:03	1
Nickel, Dissolved	**3.5**	**J**	5.0	2.0	ug/L		08/28/12 12:29	08/30/12 07:03	1

Client Sample ID: MW-5S-R — **Lab Sample ID: 640-40081-85**
Date Collected: 08/22/12 18:40 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**5.8**		2.5	1.3	ug/L		08/28/12 12:33	08/30/12 03:33	1
Beryllium, Dissolved	**0.35**	**J**	0.50	0.25	ug/L		08/28/12 12:33	08/30/12 03:33	1
Cadmium, Dissolved	0.095	U	0.50	0.095	ug/L		08/28/12 12:33	08/30/12 03:33	1
Lead, Dissolved	**0.52**	**J**	1.5	0.20	ug/L		08/28/12 12:33	08/30/12 03:33	1
Nickel, Dissolved	**9.7**		5.0	2.0	ug/L		08/28/12 12:33	08/30/12 03:33	1

Client Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-40081-1

Method: 7470A - Mercury (CVAA)

Client Sample ID: MW-35S — **Lab Sample ID: 640-40081-15**
Date Collected: 08/21/12 12:10 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12	J	0.20	0.091	ug/L		08/28/12 10:32	08/29/12 18:38	1

Client Sample ID: MW-29S — **Lab Sample ID: 640-40081-19**
Date Collected: 08/21/12 17:06 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.76		0.20	0.091	ug/L		08/28/12 10:32	08/29/12 18:48	1

Client Sample ID: DUP-2 — **Lab Sample ID: 640-40081-32**
Date Collected: 08/21/12 00:00 — **Matrix: Water**
Date Received: 08/27/12 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.68		0.20	0.091	ug/L		08/28/12 10:32	08/29/12 18:51	1

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 680-247997/1-A
Matrix: Water
Analysis Batch: 248440

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 247997

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:18	08/30/12 22:40	1
Arsenic, Dissolved	1.3	U	2.5	1.3	ug/L		08/28/12 12:18	08/30/12 22:40	1
Barium	1.3	U	5.0	1.3	ug/L		08/28/12 12:18	08/30/12 22:40	1
Barium, Dissolved	1.3	U	5.0	1.3	ug/L		08/28/12 12:18	08/30/12 22:40	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/28/12 12:18	08/30/12 22:40	1
Beryllium, Dissolved	0.25	U	0.50	0.25	ug/L		08/28/12 12:18	08/30/12 22:40	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/28/12 12:18	08/30/12 22:40	1
Cadmium, Dissolved	0.095	U	0.50	0.095	ug/L		08/28/12 12:18	08/30/12 22:40	1
Copper	1.1	U	5.0	1.1	ug/L		08/28/12 12:18	08/30/12 22:40	1
Copper, Dissolved	1.1	U	5.0	1.1	ug/L		08/28/12 12:18	08/30/12 22:40	1
Lead	0.20	U	1.5	0.20	ug/L		08/28/12 12:18	08/30/12 22:40	1
Lead, Dissolved	0.20	U	1.5	0.20	ug/L		08/28/12 12:18	08/30/12 22:40	1
Nickel	2.0	U	5.0	2.0	ug/L		08/28/12 12:18	08/30/12 22:40	1
Nickel, Dissolved	2.0	U	5.0	2.0	ug/L		08/28/12 12:18	08/30/12 22:40	1
Selenium	1.0	U	2.5	1.0	ug/L		08/28/12 12:18	08/30/12 22:40	1
Selenium, Dissolved	1.0	U	2.5	1.0	ug/L		08/28/12 12:18	08/30/12 22:40	1
Zinc	8.3	U	20	8.3	ug/L		08/28/12 12:18	08/30/12 22:40	1
Zinc, Dissolved	8.3	U	20	8.3	ug/L		08/28/12 12:18	08/30/12 22:40	1
Thallium	0.50	U	1.0	0.50	ug/L		08/28/12 12:18	08/30/12 22:40	1
Thallium, Dissolved	0.50	U	1.0	0.50	ug/L		08/28/12 12:18	08/30/12 22:40	1

Lab Sample ID: LCS 680-247997/2-A
Matrix: Water
Analysis Batch: 248440

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 247997

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	100	104		ug/L		104	75 - 125
Arsenic, Dissolved	100	104		ug/L		104	75 - 125
Barium	100	104		ug/L		104	75 - 125
Barium, Dissolved	100	104		ug/L		104	75 - 125
Beryllium	50.0	52.5		ug/L		105	75 - 125
Beryllium, Dissolved	50.0	52.5		ug/L		105	75 - 125
Cadmium	50.0	52.8		ug/L		106	75 - 125
Cadmium, Dissolved	50.0	52.8		ug/L		106	75 - 125
Copper	100	103		ug/L		103	75 - 125
Copper, Dissolved	100	103		ug/L		103	75 - 125
Lead	50.0	51.5		ug/L		103	75 - 125
Lead, Dissolved	50.0	51.5		ug/L		103	75 - 125
Nickel	100	101		ug/L		101	75 - 125
Nickel, Dissolved	100	101		ug/L		101	75 - 125
Selenium	100	106		ug/L		106	75 - 125
Selenium, Dissolved	100	106		ug/L		106	75 - 125
Zinc	100	109		ug/L		109	75 - 125
Zinc, Dissolved	100	109		ug/L		109	75 - 125
Thallium	40.0	39.8		ug/L		99	75 - 125
Thallium, Dissolved	40.0	39.8		ug/L		99	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 640-40081-1 MS — **Client Sample ID: MW-19S**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 248440 — **Prep Batch: 247997**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	24		100	142		ug/L		117	75 - 125
Arsenic, Dissolved	24		100	142		ug/L		117	75 - 125
Barium	6.6		100	117		ug/L		110	75 - 125
Barium, Dissolved	6.6		100	117		ug/L		110	75 - 125
Beryllium	0.47		50.0	54.9		ug/L		109	75 - 125
Beryllium, Dissolved	0.47		50.0	54.9		ug/L		109	75 - 125
Cadmium	6.9		50.0	60.1		ug/L		106	75 - 125
Cadmium, Dissolved	6.9		50.0	60.1		ug/L		106	75 - 125
Copper	150		100	260		ug/L		113	75 - 125
Copper, Dissolved	150		100	260		ug/L		113	75 - 125
Lead	1.7		50.0	54.2		ug/L		105	75 - 125
Lead, Dissolved	1.7		50.0	54.2		ug/L		105	75 - 125
Nickel	54		100	166		ug/L		112	75 - 125
Nickel, Dissolved	54		100	166		ug/L		112	75 - 125
Selenium	1.4		100	116		ug/L		114	75 - 125
Selenium, Dissolved	1.4		100	116		ug/L		114	75 - 125
Zinc	3900		100	4140	4	ug/L		235	75 - 125
Zinc, Dissolved	3900		100	4140	4	ug/L		235	75 - 125
Thallium	0.66		40.0	41.8		ug/L		103	75 - 125
Thallium, Dissolved	0.66		40.0	41.8		ug/L		103	75 - 125

Lab Sample ID: 640-40081-1 MSD — **Client Sample ID: MW-19S**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 248440 — **Prep Batch: 247997**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	24		100	129		ug/L		104	75 - 125	10	20
Arsenic, Dissolved	24		100	129		ug/L		104	75 - 125	10	20
Barium	6.6		100	104		ug/L		98	75 - 125	11	20
Barium, Dissolved	6.6		100	104		ug/L		98	75 - 125	11	20
Beryllium	0.47		50.0	49.6		ug/L		98	75 - 125	10	20
Beryllium, Dissolved	0.47		50.0	49.6		ug/L		98	75 - 125	10	20
Cadmium	6.9		50.0	54.5		ug/L		95	75 - 125	10	20
Cadmium, Dissolved	6.9		50.0	54.5		ug/L		95	75 - 125	10	20
Copper	150		100	240		ug/L		93	75 - 125	8	20
Copper, Dissolved	150		100	240		ug/L		93	75 - 125	8	20
Lead	1.7		50.0	48.6		ug/L		94	75 - 125	11	20
Lead, Dissolved	1.7		50.0	48.6		ug/L		94	75 - 125	11	20
Nickel	54		100	152		ug/L		98	75 - 125	9	20
Nickel, Dissolved	54		100	152		ug/L		98	75 - 125	9	20
Selenium	1.4		100	105		ug/L		104	75 - 125	9	20
Selenium, Dissolved	1.4		100	105		ug/L		104	75 - 125	9	20
Zinc	3900		100	3820	4	ug/L		-86	75 - 125	8	20
Zinc, Dissolved	3900		100	3820	4	ug/L		-86	75 - 125	8	20
Thallium	0.66		40.0	37.2		ug/L		91	75 - 125	12	20
Thallium, Dissolved	0.66		40.0	37.2		ug/L		91	75 - 125	12	20

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-247998/1-A
Matrix: Water
Analysis Batch: 248436

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 247998

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:25	08/30/12 19:36	1
Arsenic, Dissolved	1.3	U	2.5	1.3	ug/L		08/28/12 12:25	08/30/12 19:36	1
Barium	1.3	U	5.0	1.3	ug/L		08/28/12 12:25	08/30/12 19:36	1
Barium, Dissolved	1.3	U	5.0	1.3	ug/L		08/28/12 12:25	08/30/12 19:36	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/28/12 12:25	08/30/12 19:36	1
Beryllium, Dissolved	0.25	U	0.50	0.25	ug/L		08/28/12 12:25	08/30/12 19:36	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/28/12 12:25	08/30/12 19:36	1
Cadmium, Dissolved	0.095	U	0.50	0.095	ug/L		08/28/12 12:25	08/30/12 19:36	1
Copper	1.1	U	5.0	1.1	ug/L		08/28/12 12:25	08/30/12 19:36	1
Copper, Dissolved	1.1	U	5.0	1.1	ug/L		08/28/12 12:25	08/30/12 19:36	1
Lead	0.20	U	1.5	0.20	ug/L		08/28/12 12:25	08/30/12 19:36	1
Lead, Dissolved	0.20	U	1.5	0.20	ug/L		08/28/12 12:25	08/30/12 19:36	1
Nickel	2.0	U	5.0	2.0	ug/L		08/28/12 12:25	08/30/12 19:36	1
Nickel, Dissolved	2.0	U	5.0	2.0	ug/L		08/28/12 12:25	08/30/12 19:36	1
Selenium	1.0	U	2.5	1.0	ug/L		08/28/12 12:25	08/30/12 19:36	1
Selenium, Dissolved	1.0	U	2.5	1.0	ug/L		08/28/12 12:25	08/30/12 19:36	1
Zinc	8.3	U	20	8.3	ug/L		08/28/12 12:25	08/30/12 19:36	1
Zinc, Dissolved	8.3	U	20	8.3	ug/L		08/28/12 12:25	08/30/12 19:36	1
Thallium	0.50	U	1.0	0.50	ug/L		08/28/12 12:25	08/30/12 19:36	1
Thallium, Dissolved	0.50	U	1.0	0.50	ug/L		08/28/12 12:25	08/30/12 19:36	1

Lab Sample ID: LCS 680-247998/2-A
Matrix: Water
Analysis Batch: 248436

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 247998

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	100	105		ug/L		105	75 - 125
Arsenic, Dissolved	100	105		ug/L		105	75 - 125
Barium	100	102		ug/L		102	75 - 125
Barium, Dissolved	100	102		ug/L		102	75 - 125
Beryllium	50.0	53.0		ug/L		106	75 - 125
Beryllium, Dissolved	50.0	53.0		ug/L		106	75 - 125
Cadmium	50.0	50.6		ug/L		101	75 - 125
Cadmium, Dissolved	50.0	50.6		ug/L		101	75 - 125
Copper	100	104		ug/L		104	75 - 125
Copper, Dissolved	100	104		ug/L		104	75 - 125
Lead	50.0	50.8		ug/L		102	75 - 125
Lead, Dissolved	50.0	50.8		ug/L		102	75 - 125
Nickel	100	103		ug/L		103	75 - 125
Nickel, Dissolved	100	103		ug/L		103	75 - 125
Selenium	100	106		ug/L		106	75 - 125
Selenium, Dissolved	100	106		ug/L		106	75 - 125
Zinc	100	109		ug/L		109	75 - 125
Zinc, Dissolved	100	109		ug/L		109	75 - 125
Thallium	40.0	39.5		ug/L		99	75 - 125
Thallium, Dissolved	40.0	39.5		ug/L		99	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 640-40081-42 MS — **Client Sample ID: MW-49S**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 248436 — **Prep Batch: 247998**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.5	J	100	105		ug/L		103	75 - 125
Arsenic, Dissolved	1.5		100	105		ug/L		103	75 - 125
Barium	46		100	151		ug/L		105	75 - 125
Barium, Dissolved	46		100	151		ug/L		105	75 - 125
Beryllium	0.36	J	50.0	53.4		ug/L		106	75 - 125
Beryllium, Dissolved	0.36		50.0	53.4		ug/L		106	75 - 125
Cadmium	0.095	U	50.0	52.0		ug/L		104	75 - 125
Cadmium, Dissolved	0.095		50.0	52.0		ug/L		104	75 - 125
Copper	5.0		100	109		ug/L		104	75 - 125
Copper, Dissolved	5.0		100	109		ug/L		104	75 - 125
Lead	3.4		50.0	55.2		ug/L		104	75 - 125
Lead, Dissolved	3.4		50.0	55.2		ug/L		104	75 - 125
Nickel	4.5	J	100	105		ug/L		101	75 - 125
Nickel, Dissolved	4.5		100	105		ug/L		101	75 - 125
Selenium	1.0	U	100	104		ug/L		104	75 - 125
Selenium, Dissolved	1.0		100	104		ug/L		104	75 - 125
Zinc	26		100	134		ug/L		108	75 - 125
Zinc, Dissolved	26		100	134		ug/L		108	75 - 125
Thallium	0.50	U	40.0	39.9		ug/L		100	75 - 125
Thallium, Dissolved	0.50		40.0	39.9		ug/L		100	75 - 125

Lab Sample ID: 640-40081-42 MSD — **Client Sample ID: MW-49S**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 248436 — **Prep Batch: 247998**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	1.5	J	100	105		ug/L		103	75 - 125	0	20
Arsenic, Dissolved	1.5		100	105		ug/L		103	75 - 125	0	20
Barium	46		100	148		ug/L		102	75 - 125	2	20
Barium, Dissolved	46		100	148		ug/L		102	75 - 125	2	20
Beryllium	0.36	J	50.0	53.6		ug/L		106	75 - 125	0	20
Beryllium, Dissolved	0.36		50.0	53.6		ug/L		106	75 - 125	0	20
Cadmium	0.095	U	50.0	50.8		ug/L		102	75 - 125	2	20
Cadmium, Dissolved	0.095		50.0	50.8		ug/L		102	75 - 125	2	20
Copper	5.0		100	108		ug/L		103	75 - 125	0	20
Copper, Dissolved	5.0		100	108		ug/L		103	75 - 125	0	20
Lead	3.4		50.0	55.1		ug/L		103	75 - 125	0	20
Lead, Dissolved	3.4		50.0	55.1		ug/L		103	75 - 125	0	20
Nickel	4.5	J	100	106		ug/L		101	75 - 125	0	20
Nickel, Dissolved	4.5		100	106		ug/L		101	75 - 125	0	20
Selenium	1.0	U	100	106		ug/L		106	75 - 125	2	20
Selenium, Dissolved	1.0		100	106		ug/L		106	75 - 125	2	20
Zinc	26		100	135		ug/L		109	75 - 125	1	20
Zinc, Dissolved	26		100	135		ug/L		109	75 - 125	1	20
Thallium	0.50	U	40.0	39.9		ug/L		100	75 - 125	0	20
Thallium, Dissolved	0.50		40.0	39.9		ug/L		100	75 - 125	0	20

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-247999/1-A
Matrix: Water
Analysis Batch: 248313

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 247999

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:27	08/30/12 07:34	1
Arsenic, Dissolved	1.3	U	2.5	1.3	ug/L		08/28/12 12:27	08/30/12 07:34	1
Barium	1.3	U	5.0	1.3	ug/L		08/28/12 12:27	08/30/12 07:34	1
Barium, Dissolved	1.3	U	5.0	1.3	ug/L		08/28/12 12:27	08/30/12 07:34	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/28/12 12:27	08/30/12 07:34	1
Beryllium, Dissolved	0.25	U	0.50	0.25	ug/L		08/28/12 12:27	08/30/12 07:34	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/28/12 12:27	08/30/12 07:34	1
Cadmium, Dissolved	0.095	U	0.50	0.095	ug/L		08/28/12 12:27	08/30/12 07:34	1
Copper	1.1	U	5.0	1.1	ug/L		08/28/12 12:27	08/30/12 07:34	1
Copper, Dissolved	1.1	U	5.0	1.1	ug/L		08/28/12 12:27	08/30/12 07:34	1
Lead	0.20	U	1.5	0.20	ug/L		08/28/12 12:27	08/30/12 07:34	1
Lead, Dissolved	0.20	U	1.5	0.20	ug/L		08/28/12 12:27	08/30/12 07:34	1
Nickel	2.0	U	5.0	2.0	ug/L		08/28/12 12:27	08/30/12 07:34	1
Nickel, Dissolved	2.0	U	5.0	2.0	ug/L		08/28/12 12:27	08/30/12 07:34	1
Selenium	1.0	U	2.5	1.0	ug/L		08/28/12 12:27	08/30/12 07:34	1
Selenium, Dissolved	1.0	U	2.5	1.0	ug/L		08/28/12 12:27	08/30/12 07:34	1
Zinc	8.3	U	20	8.3	ug/L		08/28/12 12:27	08/30/12 07:34	1
Zinc, Dissolved	8.3	U	20	8.3	ug/L		08/28/12 12:27	08/30/12 07:34	1
Thallium	0.50	U	1.0	0.50	ug/L		08/28/12 12:27	08/30/12 07:34	1
Thallium, Dissolved	0.50	U	1.0	0.50	ug/L		08/28/12 12:27	08/30/12 07:34	1

Lab Sample ID: LCS 680-247999/2-A
Matrix: Water
Analysis Batch: 248313

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 247999

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	100	88.3		ug/L		88	75 - 125
Arsenic, Dissolved	100	88.3		ug/L		88	75 - 125
Barium	100	89.9		ug/L		90	75 - 125
Barium, Dissolved	100	89.9		ug/L		90	75 - 125
Beryllium	50.0	50.3		ug/L		101	75 - 125
Beryllium, Dissolved	50.0	50.3		ug/L		101	75 - 125
Cadmium	50.0	48.7		ug/L		97	75 - 125
Cadmium, Dissolved	50.0	48.7		ug/L		97	75 - 125
Copper	100	86.2		ug/L		86	75 - 125
Copper, Dissolved	100	86.2		ug/L		86	75 - 125
Lead	50.0	49.2		ug/L		98	75 - 125
Lead, Dissolved	50.0	49.2		ug/L		98	75 - 125
Nickel	100	88.7		ug/L		89	75 - 125
Nickel, Dissolved	100	88.7		ug/L		89	75 - 125
Selenium	100	95.0		ug/L		95	75 - 125
Selenium, Dissolved	100	95.0		ug/L		95	75 - 125
Zinc	100	93.2		ug/L		93	75 - 125
Zinc, Dissolved	100	93.2		ug/L		93	75 - 125
Thallium	40.0	38.7		ug/L		97	75 - 125
Thallium, Dissolved	40.0	38.7		ug/L		97	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 640-40081-43 MS
Matrix: Water
Analysis Batch: 248313

Client Sample ID: MW-TP1S
Prep Type: Total Recoverable
Prep Batch: 247999

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.3	U	100	91.6		ug/L		92	75 - 125
Arsenic, Dissolved	1.3		100	91.6		ug/L		92	75 - 125
Barium	290		100	397		ug/L		108	75 - 125
Barium, Dissolved	290		100	397		ug/L		108	75 - 125
Beryllium	1.7		50.0	51.9		ug/L		100	75 - 125
Beryllium, Dissolved	1.7		50.0	51.9		ug/L		100	75 - 125
Cadmium	0.17		50.0	49.3		ug/L		98	75 - 125
Cadmium, Dissolved	0.17		50.0	49.3		ug/L		98	75 - 125
Copper	5.1		100	95.5		ug/L		90	75 - 125
Copper, Dissolved	5.1		100	95.5		ug/L		90	75 - 125
Lead	7.4		50.0	57.2		ug/L		100	75 - 125
Lead, Dissolved	7.4		50.0	57.2		ug/L		100	75 - 125
Nickel	7.3		100	95.4		ug/L		88	75 - 125
Nickel, Dissolved	7.3		100	95.4		ug/L		88	75 - 125
Selenium	1.0		100	93.2		ug/L		93	75 - 125
Selenium, Dissolved	1.0		100	93.2		ug/L		93	75 - 125
Zinc	29		100	116		ug/L		86	75 - 125
Zinc, Dissolved	29		100	116		ug/L		86	75 - 125
Thallium	0.50		40.0	38.2		ug/L		96	75 - 125
Thallium, Dissolved	0.50		40.0	38.2		ug/L		96	75 - 125

Lab Sample ID: 640-40081-43 MSD
Matrix: Water
Analysis Batch: 248313

Client Sample ID: MW-TP1S
Prep Type: Total Recoverable
Prep Batch: 247999

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	1.3	U	100	91.3		ug/L		91	75 - 125	0	20
Arsenic, Dissolved	1.3		100	91.3		ug/L		91	75 - 125	0	20
Barium	290		100	398		ug/L		108	75 - 125	0	20
Barium, Dissolved	290		100	398		ug/L		108	75 - 125	0	20
Beryllium	1.7		50.0	49.2		ug/L		95	75 - 125	5	20
Beryllium, Dissolved	1.7		50.0	49.2		ug/L		95	75 - 125	5	20
Cadmium	0.17		50.0	49.5		ug/L		99	75 - 125	0	20
Cadmium, Dissolved	0.17		50.0	49.5		ug/L		99	75 - 125	0	20
Copper	5.1		100	94.8		ug/L		90	75 - 125	1	20
Copper, Dissolved	5.1		100	94.8		ug/L		90	75 - 125	1	20
Lead	7.4		50.0	58.0		ug/L		101	75 - 125	1	20
Lead, Dissolved	7.4		50.0	58.0		ug/L		101	75 - 125	1	20
Nickel	7.3		100	97.5		ug/L		90	75 - 125	2	20
Nickel, Dissolved	7.3		100	97.5		ug/L		90	75 - 125	2	20
Selenium	1.0		100	98.1		ug/L		98	75 - 125	5	20
Selenium, Dissolved	1.0		100	98.1		ug/L		98	75 - 125	5	20
Zinc	29		100	130		ug/L		101	75 - 125	12	20
Zinc, Dissolved	29		100	130		ug/L		101	75 - 125	12	20
Thallium	0.50		40.0	38.6		ug/L		97	75 - 125	1	20
Thallium, Dissolved	0.50		40.0	38.6		ug/L		97	75 - 125	1	20

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-248000/1-A
Matrix: Water
Analysis Batch: 248313

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 248000

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:29	08/30/12 04:21	1
Arsenic, Dissolved	1.3	U	2.5	1.3	ug/L		08/28/12 12:29	08/30/12 04:21	1
Barium	1.3	U	5.0	1.3	ug/L		08/28/12 12:29	08/30/12 04:21	1
Barium, Dissolved	1.3	U	5.0	1.3	ug/L		08/28/12 12:29	08/30/12 04:21	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/28/12 12:29	08/30/12 04:21	1
Beryllium, Dissolved	0.25	U	0.50	0.25	ug/L		08/28/12 12:29	08/30/12 04:21	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/28/12 12:29	08/30/12 04:21	1
Cadmium, Dissolved	0.095	U	0.50	0.095	ug/L		08/28/12 12:29	08/30/12 04:21	1
Copper	1.1	U	5.0	1.1	ug/L		08/28/12 12:29	08/30/12 04:21	1
Copper, Dissolved	1.1	U	5.0	1.1	ug/L		08/28/12 12:29	08/30/12 04:21	1
Lead	0.20	U	1.5	0.20	ug/L		08/28/12 12:29	08/30/12 04:21	1
Lead, Dissolved	0.20	U	1.5	0.20	ug/L		08/28/12 12:29	08/30/12 04:21	1
Nickel	2.0	U	5.0	2.0	ug/L		08/28/12 12:29	08/30/12 04:21	1
Nickel, Dissolved	2.0	U	5.0	2.0	ug/L		08/28/12 12:29	08/30/12 04:21	1
Selenium	1.0	U	2.5	1.0	ug/L		08/28/12 12:29	08/30/12 04:21	1
Selenium, Dissolved	1.0	U	2.5	1.0	ug/L		08/28/12 12:29	08/30/12 04:21	1
Zinc	8.3	U	20	8.3	ug/L		08/28/12 12:29	08/30/12 04:21	1
Zinc, Dissolved	8.3	U	20	8.3	ug/L		08/28/12 12:29	08/30/12 04:21	1
Thallium	0.50	U	1.0	0.50	ug/L		08/28/12 12:29	08/30/12 04:21	1
Thallium, Dissolved	0.50	U	1.0	0.50	ug/L		08/28/12 12:29	08/30/12 04:21	1

Lab Sample ID: LCS 680-248000/2-A
Matrix: Water
Analysis Batch: 248313

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 248000

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	100	94.9		ug/L		95	75 - 125
Arsenic, Dissolved	100	94.9		ug/L		95	75 - 125
Barium	100	94.1		ug/L		94	75 - 125
Barium, Dissolved	100	94.1		ug/L		94	75 - 125
Beryllium	50.0	49.8		ug/L		100	75 - 125
Beryllium, Dissolved	50.0	49.8		ug/L		100	75 - 125
Cadmium	50.0	51.1		ug/L		102	75 - 125
Cadmium, Dissolved	50.0	51.1		ug/L		102	75 - 125
Copper	100	93.4		ug/L		93	75 - 125
Copper, Dissolved	100	93.4		ug/L		93	75 - 125
Lead	50.0	50.3		ug/L		101	75 - 125
Lead, Dissolved	50.0	50.3		ug/L		101	75 - 125
Nickel	100	94.2		ug/L		94	75 - 125
Nickel, Dissolved	100	94.2		ug/L		94	75 - 125
Selenium	100	99.9		ug/L		100	75 - 125
Selenium, Dissolved	100	99.9		ug/L		100	75 - 125
Zinc	100	97.1		ug/L		97	75 - 125
Zinc, Dissolved	100	97.1		ug/L		97	75 - 125
Thallium	40.0	38.3		ug/L		96	75 - 125
Thallium, Dissolved	40.0	38.3		ug/L		96	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 640-40081-64 MS — **Client Sample ID: MW-34I**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 248313 — **Prep Batch: 248000**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.3	U	100	93.0		ug/L		93	75 - 125
Arsenic, Dissolved	1.3		100	93.0		ug/L		93	75 - 125
Barium	97		100	183		ug/L		86	75 - 125
Barium, Dissolved	97		100	183		ug/L		86	75 - 125
Beryllium	1.1		50.0	51.4		ug/L		101	75 - 125
Beryllium, Dissolved	1.1		50.0	51.4		ug/L		101	75 - 125
Cadmium	0.10		50.0	49.7		ug/L		99	75 - 125
Cadmium, Dissolved	0.10		50.0	49.7		ug/L		99	75 - 125
Copper	2.4		100	93.9		ug/L		92	75 - 125
Copper, Dissolved	2.4		100	93.9		ug/L		92	75 - 125
Lead	3.8		50.0	53.8		ug/L		100	75 - 125
Lead, Dissolved	3.8		50.0	53.8		ug/L		100	75 - 125
Nickel	4.4	J	100	93.7		ug/L		89	75 - 125
Nickel, Dissolved	4.4		100	93.7		ug/L		89	75 - 125
Selenium	1.0		100	98.5		ug/L		99	75 - 125
Selenium, Dissolved	1.0		100	98.5		ug/L		99	75 - 125
Zinc	18	J	100	108		ug/L		90	75 - 125
Zinc, Dissolved	18		100	108		ug/L		90	75 - 125
Thallium	0.50		40.0	38.4		ug/L		96	75 - 125
Thallium, Dissolved	0.50		40.0	38.4		ug/L		96	75 - 125

Lab Sample ID: 640-40081-64 MSD — **Client Sample ID: MW-34I**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 248313 — **Prep Batch: 248000**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	1.3	U	100	93.7		ug/L		94	75 - 125	1	20
Arsenic, Dissolved	1.3		100	93.7		ug/L		94	75 - 125	1	20
Barium	97		100	181		ug/L		84	75 - 125	1	20
Barium, Dissolved	97		100	181		ug/L		84	75 - 125	1	20
Beryllium	1.1		50.0	51.2		ug/L		100	75 - 125	0	20
Beryllium, Dissolved	1.1		50.0	51.2		ug/L		100	75 - 125	0	20
Cadmium	0.10		50.0	49.7		ug/L		99	75 - 125	0	20
Cadmium, Dissolved	0.10		50.0	49.7		ug/L		99	75 - 125	0	20
Copper	2.4		100	94.1		ug/L		92	75 - 125	0	20
Copper, Dissolved	2.4		100	94.1		ug/L		92	75 - 125	0	20
Lead	3.8		50.0	55.5		ug/L		103	75 - 125	3	20
Lead, Dissolved	3.8		50.0	55.5		ug/L		103	75 - 125	3	20
Nickel	4.4	J	100	101		ug/L		96	75 - 125	7	20
Nickel, Dissolved	4.4		100	101		ug/L		96	75 - 125	7	20
Selenium	1.0		100	94.0		ug/L		94	75 - 125	5	20
Selenium, Dissolved	1.0		100	94.0		ug/L		94	75 - 125	5	20
Zinc	18	J	100	115		ug/L		97	75 - 125	6	20
Zinc, Dissolved	18		100	115		ug/L		97	75 - 125	6	20
Thallium	0.50		40.0	38.8		ug/L		97	75 - 125	1	20
Thallium, Dissolved	0.50		40.0	38.8		ug/L		97	75 - 125	1	20

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-248001/1-A
Matrix: Water
Analysis Batch: 248313

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 248001

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/28/12 12:33	08/30/12 02:45	1
Arsenic, Dissolved	1.3	U	2.5	1.3	ug/L		08/28/12 12:33	08/30/12 02:45	1
Barium	1.3	U	5.0	1.3	ug/L		08/28/12 12:33	08/30/12 02:45	1
Barium, Dissolved	1.3	U	5.0	1.3	ug/L		08/28/12 12:33	08/30/12 02:45	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/28/12 12:33	08/30/12 02:45	1
Beryllium, Dissolved	0.25	U	0.50	0.25	ug/L		08/28/12 12:33	08/30/12 02:45	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/28/12 12:33	08/30/12 02:45	1
Cadmium, Dissolved	0.095	U	0.50	0.095	ug/L		08/28/12 12:33	08/30/12 02:45	1
Copper	1.1	U	5.0	1.1	ug/L		08/28/12 12:33	08/30/12 02:45	1
Copper, Dissolved	1.1	U	5.0	1.1	ug/L		08/28/12 12:33	08/30/12 02:45	1
Lead	0.20	U	1.5	0.20	ug/L		08/28/12 12:33	08/30/12 02:45	1
Lead, Dissolved	0.20	U	1.5	0.20	ug/L		08/28/12 12:33	08/30/12 02:45	1
Nickel	2.0	U	5.0	2.0	ug/L		08/28/12 12:33	08/30/12 02:45	1
Nickel, Dissolved	2.0	U	5.0	2.0	ug/L		08/28/12 12:33	08/30/12 02:45	1
Selenium	1.0	U	2.5	1.0	ug/L		08/28/12 12:33	08/30/12 02:45	1
Selenium, Dissolved	1.0	U	2.5	1.0	ug/L		08/28/12 12:33	08/30/12 02:45	1
Zinc	8.3	U	20	8.3	ug/L		08/28/12 12:33	08/30/12 02:45	1
Zinc, Dissolved	8.3	U	20	8.3	ug/L		08/28/12 12:33	08/30/12 02:45	1
Thallium	0.50	U	1.0	0.50	ug/L		08/28/12 12:33	08/30/12 02:45	1
Thallium, Dissolved	0.50	U	1.0	0.50	ug/L		08/28/12 12:33	08/30/12 02:45	1

Lab Sample ID: LCS 680-248001/2-A
Matrix: Water
Analysis Batch: 248313

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 248001

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	100	97.8		ug/L		98	75 - 125
Arsenic, Dissolved	100	97.8		ug/L		98	75 - 125
Barium	100	99.1		ug/L		99	75 - 125
Barium, Dissolved	100	99.1		ug/L		99	75 - 125
Beryllium	50.0	53.8		ug/L		108	75 - 125
Beryllium, Dissolved	50.0	53.8		ug/L		108	75 - 125
Cadmium	50.0	53.9		ug/L		108	75 - 125
Cadmium, Dissolved	50.0	53.9		ug/L		108	75 - 125
Copper	100	98.4		ug/L		98	75 - 125
Copper, Dissolved	100	98.4		ug/L		98	75 - 125
Lead	50.0	53.3		ug/L		107	75 - 125
Lead, Dissolved	50.0	53.3		ug/L		107	75 - 125
Nickel	100	96.9		ug/L		97	75 - 125
Nickel, Dissolved	100	96.9		ug/L		97	75 - 125
Selenium	100	101		ug/L		101	75 - 125
Selenium, Dissolved	100	101		ug/L		101	75 - 125
Zinc	100	104		ug/L		104	75 - 125
Zinc, Dissolved	100	104		ug/L		104	75 - 125
Thallium	40.0	39.5		ug/L		99	75 - 125
Thallium, Dissolved	40.0	39.5		ug/L		99	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 640-40081-83 MS — **Client Sample ID: MW-37S**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 248313 — **Prep Batch: 248001**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	2.3	J	100	98.7		ug/L		96	75 - 125
Arsenic, Dissolved	2.3		100	98.7		ug/L		96	75 - 125
Barium	1000		100	1160	4	ug/L		108	75 - 125
Barium, Dissolved	1000		100	1160	4	ug/L		108	75 - 125
Beryllium	0.25		50.0	50.7		ug/L		101	75 - 125
Beryllium, Dissolved	0.25		50.0	50.7		ug/L		101	75 - 125
Cadmium	0.095		50.0	49.5		ug/L		99	75 - 125
Cadmium, Dissolved	0.095		50.0	49.5		ug/L		99	75 - 125
Copper	1.1		100	93.6		ug/L		94	75 - 125
Copper, Dissolved	1.1		100	93.6		ug/L		94	75 - 125
Lead	0.20	U	50.0	49.2		ug/L		98	75 - 125
Lead, Dissolved	0.20		50.0	49.2		ug/L		98	75 - 125
Nickel	2.0	U	100	94.8		ug/L		95	75 - 125
Nickel, Dissolved	2.0		100	94.8		ug/L		95	75 - 125
Selenium	1.0		100	97.2		ug/L		97	75 - 125
Selenium, Dissolved	1.0		100	97.2		ug/L		97	75 - 125
Zinc	8.3		100	88.8		ug/L		89	75 - 125
Zinc, Dissolved	8.3		100	88.8		ug/L		89	75 - 125
Thallium	0.50		40.0	38.8		ug/L		97	75 - 125
Thallium, Dissolved	0.50		40.0	38.8		ug/L		97	75 - 125

Lab Sample ID: 640-40081-83 MSD — **Client Sample ID: MW-37S**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 248313 — **Prep Batch: 248001**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	2.3	J	100	98.9		ug/L		97	75 - 125	0	20
Arsenic, Dissolved	2.3		100	98.9		ug/L		97	75 - 125	0	20
Barium	1000		100	1130	4	ug/L		85	75 - 125	2	20
Barium, Dissolved	1000		100	1130	4	ug/L		85	75 - 125	2	20
Beryllium	0.25		50.0	47.9		ug/L		96	75 - 125	6	20
Beryllium, Dissolved	0.25		50.0	47.9		ug/L		96	75 - 125	6	20
Cadmium	0.095		50.0	48.1		ug/L		96	75 - 125	3	20
Cadmium, Dissolved	0.095		50.0	48.1		ug/L		96	75 - 125	3	20
Copper	1.1		100	93.5		ug/L		94	75 - 125	0	20
Copper, Dissolved	1.1		100	93.5		ug/L		94	75 - 125	0	20
Lead	0.20	U	50.0	48.8		ug/L		98	75 - 125	1	20
Lead, Dissolved	0.20		50.0	48.8		ug/L		98	75 - 125	1	20
Nickel	2.0	U	100	93.2		ug/L		93	75 - 125	2	20
Nickel, Dissolved	2.0		100	93.2		ug/L		93	75 - 125	2	20
Selenium	1.0		100	93.6		ug/L		94	75 - 125	4	20
Selenium, Dissolved	1.0		100	93.6		ug/L		94	75 - 125	4	20
Zinc	8.3		100	95.9		ug/L		96	75 - 125	8	20
Zinc, Dissolved	8.3		100	95.9		ug/L		96	75 - 125	8	20
Thallium	0.50		40.0	37.7		ug/L		94	75 - 125	3	20
Thallium, Dissolved	0.50		40.0	37.7		ug/L		94	75 - 125	3	20

QC Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-40081-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-247969/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 248241 — **Prep Batch: 247969**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		08/28/12 10:32	08/29/12 18:31	1

Lab Sample ID: LCS 680-247969/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 248241 — **Prep Batch: 247969**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			2.50	2.29		ug/L		91	80 - 120		

Lab Sample ID: 640-40081-15 MS — **Client Sample ID: MW-35S**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 248241 — **Prep Batch: 247969**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	0.12	J	1.00	1.04		ug/L		93	80 - 120		

Lab Sample ID: 640-40081-15 MSD — **Client Sample ID: MW-35S**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 248241 — **Prep Batch: 247969**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.12	J	1.00	1.07		ug/L		95	80 - 120	3	20

Certification Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-40081-1

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	NELAC	4	E81005	06-30-13
Louisiana	NELAC	6	30663	06-30-13
New Jersey	NELAC	2	FL012	06-30-13
Texas	NELAC	6	T104704459-11-2	03-31-13
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		0399-01	02-28-13
A2LA	ISO/IEC 17025		399.01	02-28-13
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	NELAC	9	3217CA	07-31-13
Colorado	State Program	8	N/A	12-31-12
Connecticut	State Program	1	PH-0161	03-31-13
Florida	NELAC	4	E87052	06-30-13
GA Dept. of Agriculture	State Program	4	N/A	12-31-12
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	NELAC	5	200022	11-30-12
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	02-28-13
Louisiana	NELAC	6	30690	06-30-13
Louisiana	NELAC	6	LA100015	12-31-12
Maine	State Program	1	GA00006	08-16-14
Maryland	State Program	3	250	12-31-12
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	12-31-12
Nebraska	State Program	7	TestAmerica-Savannah	06-30-13
New Jersey	NELAC	2	GA769	06-30-13
New Mexico	State Program	6	N/A	06-30-13
New York	NELAC	2	10842	04-01-13
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	NELAC	3	68-00474	06-30-13
Puerto Rico	State Program	2	GA00006	01-01-13
Rhode Island	State Program	1	LAO00244	12-30-12
South Carolina	State Program	4	98001	06-30-13
Tennessee	State Program	4	TN02961	06-30-13
Texas	NELAC	6	T104704185-08-TX	11-30-12
USDA	Federal		SAV 3-04	04-07-14
Vermont	State Program	1	87052	11-16-12
Virginia	NELAC	3	460161	06-14-13

Certification Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-40081-1

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	12-31-12
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: 640-40081-1

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: 640-40081-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-40081-1	MW-19S	Water	08/25/12 19:25	08/27/12 09:10
640-40081-2	MW-24S	Water	08/25/12 19:05	08/27/12 09:10
640-40081-3	FFFW-2I	Water	08/26/12 11:30	08/27/12 09:10
640-40081-4	MW-TP5I	Water	08/26/12 11:45	08/27/12 09:10
640-40081-5	MW-TP5I	Water	08/26/12 11:45	08/27/12 09:10
640-40081-6	FFFW-2-R	Water	08/26/12 11:58	08/27/12 09:10
640-40081-7	MW-23S	Water	08/26/12 12:20	08/27/12 09:10
640-40081-8	MW-TP5S	Water	08/26/12 13:00	08/27/12 09:10
640-40081-9	DUP-4	Water	08/26/12 00:00	08/27/12 09:10
640-40081-10	EQ-1	Water	08/26/12 13:45	08/27/12 09:10
640-40081-11	EQ-2	Water	08/26/12 13:50	08/27/12 09:10
640-40081-12	MW-13S-R	Water	08/22/12 11:25	08/27/12 09:10
640-40081-13	MW-13S-R	Water	08/22/12 11:25	08/27/12 09:10
640-40081-14	MW-26S	Water	08/25/12 09:30	08/27/12 09:10
640-40081-15	MW-35S	Water	08/21/12 12:10	08/27/12 09:10
640-40081-16	MW-10S-R	Water	08/22/12 18:55	08/27/12 09:10
640-40081-17	MW-2I	Water	08/23/12 08:55	08/27/12 09:10
640-40081-18	MW-12S	Water	08/23/12 13:00	08/27/12 09:10
640-40081-19	MW-29S	Water	08/21/12 17:06	08/27/12 09:10
640-40081-20	MW-44S	Water	08/24/12 13:25	08/27/12 09:10
640-40081-21	MW-34S	Water	08/25/12 13:25	08/27/12 09:10
640-40081-22	MW-3I	Water	08/22/12 16:10	08/27/12 09:10
640-40081-23	MW-49S	Water	08/24/12 10:20	08/27/12 09:10
640-40081-24	MW-1S-R	Water	08/23/12 10:00	08/27/12 09:10
640-40081-25	MW-27S-R	Water	08/22/12 16:20	08/27/12 09:10
640-40081-26	MW-35S	Water	08/21/12 12:10	08/27/12 09:10
640-40081-27	MW-42S	Water	08/24/12 13:45	08/27/12 09:10
640-40081-28	DUP-6	Water	08/25/12 00:00	08/27/12 09:10
640-40081-29	MW-46S	Water	08/25/12 09:15	08/27/12 09:10
640-40081-30	MW-28S	Water	08/21/12 14:05	08/27/12 09:10
640-40081-31	MW-32S-R	Water	08/21/12 20:00	08/27/12 09:10
640-40081-32	DUP-2	Water	08/21/12 00:00	08/27/12 09:10
640-40081-33	MW-30S	Water	08/21/12 17:55	08/27/12 09:10
640-40081-34	MW-21S	Water	08/21/12 20:30	08/27/12 09:10
640-40081-35	MW-15S	Water	08/23/12 09:35	08/27/12 09:10
640-40081-36	MW-13I	Water	08/23/12 19:20	08/27/12 09:10
640-40081-37	MW-32I	Water	08/21/12 20:45	08/27/12 09:10
640-40081-38	MW-42S	Water	08/24/12 13:45	08/27/12 09:10
640-40081-39	MW-40S	Water	08/23/12 14:35	08/27/12 09:10
640-40081-40	MW-TP2S	Water	08/24/12 18:30	08/27/12 09:10
640-40081-41	MW-18S	Water	08/23/12 19:40	08/27/12 09:10
640-40081-42	MW-49S	Water	08/24/12 10:20	08/27/12 09:10
640-40081-43	MW-TP1S	Water	08/25/12 16:15	08/27/12 09:10
640-40081-44	MW-41S	Water	08/23/12 17:55	08/27/12 09:10
640-40081-45	MW-10I	Water	08/22/12 18:05	08/27/12 09:10
640-40081-46	MW-45S	Water	08/25/12 13:55	08/27/12 09:10
640-40081-47	MW-34I	Water	08/25/12 12:35	08/27/12 09:10
640-40081-48	DUP-1	Water	08/22/12 00:00	08/27/12 09:10
640-40081-49	MW-4S	Water	08/25/12 16:45	08/27/12 09:10
640-40081-50	MW-TP3S	Water	08/25/12 08:50	08/27/12 09:10
640-40081-51	MW-TP1I	Water	08/25/12 15:45	08/27/12 09:10
640-40081-52	DUP-3	Water	08/22/12 00:00	08/27/12 09:10
640-40081-53	MW-29S	Water	08/21/12 17:06	08/27/12 09:10
640-40081-54	MW-3S	Water	08/22/12 14:06	08/27/12 09:10

Sample Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-40081-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-40081-55	MW-22S	Water	08/24/12 14:25	08/27/12 09:10
640-40081-56	FFFW-1-R	Water	08/24/12 15:15	08/27/12 09:10
640-40081-57	MW-7I	Water	08/23/12 17:25	08/27/12 09:10
640-40081-58	MW-39S	Water	08/23/12 12:05	08/27/12 09:10
640-40081-59	MW-2S	Water	08/23/12 09:20	08/27/12 09:10
640-40081-60	FFFW-3-R	Water	08/24/12 09:25	08/27/12 09:10
640-40081-61	MW-6I	Water	08/23/12 12:45	08/27/12 09:10
640-40081-62	MW-12I	Water	08/23/12 16:15	08/27/12 09:10
640-40081-63	FFFW-4-R	Water	08/25/12 13:10	08/27/12 09:10
640-40081-64	MW-34I	Water	08/25/12 12:35	08/27/12 09:10
640-40081-65	MW-1I-R	Water	08/23/12 12:00	08/27/12 09:10
640-40081-66	MW-25S	Water	08/24/12 18:10	08/27/12 09:10
640-40081-67	MW-8I	Water	08/22/12 13:25	08/27/12 09:10
640-40081-68	MW-6S-R	Water	08/22/12 13:40	08/27/12 09:10
640-40081-69	MW-36S	Water	08/22/12 11:12	08/27/12 09:10
640-40081-70	FFFW-4-R	Water	08/25/12 13:10	08/27/12 09:10
640-40081-71	MW-38S	Water	08/22/12 16:45	08/27/12 09:10
640-40081-72	MW-48S	Water	08/21/12 17:16	08/27/12 09:10
640-40081-73	MW-33S	Water	08/24/12 17:25	08/27/12 09:10
640-40081-74	MW-43S	Water	08/24/12 09:15	08/27/12 09:10
640-40081-75	MW-11S	Water	08/22/12 19:30	08/27/12 09:10
640-40081-76	MW-1S-R	Water	08/23/12 10:00	08/27/12 09:10
640-40081-77	MW-7S-R	Water	08/22/12 09:20	08/27/12 09:10
640-40081-78	MW-9S-R	Water	08/22/12 09:45	08/27/12 09:10
640-40081-79	MW-7S-R	Water	08/22/12 09:20	08/27/12 09:10
640-40081-80	MW-11S	Water	08/22/12 19:30	08/27/12 09:10
640-40081-81	DUP-5	Water	08/22/12 00:00	08/27/12 09:10
640-40081-82	MW-5S-R	Water	08/22/12 18:40	08/27/12 09:10
640-40081-83	MW-37S	Water	08/22/12 15:55	08/27/12 09:10
640-40081-84	MW-31S	Water	08/24/12 10:53	08/27/12 09:10
640-40081-85	MW-5S-R	Water	08/22/12 18:40	08/27/12 09:10
640-40081-86	MW-20S	Water	08/25/12 09:40	08/27/12 09:10
640-40081-87	MW-47S	Water	08/25/12 18:45	08/27/12 09:10
640-40081-88	MW-TP4S	Water	08/25/12 18:52	08/27/12 09:10

TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

TestAmerica

Sampler: A. Bryant, B. Comer	Lab PM: Preston, Tim	Carrier Tracking No(s):	COC No: 640-34288-9352.1
Phone: 850.228.6846	E-Mail: timothyr.preston@testamericainc.com		Page: Page 1 of 8
			Job #: 640-40081

Client Information

Client Contact: Ms. Deborah Hilton
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: deb.hilton@urs.com
Project Name: PCS FFF Moultrie
Site: FFF Moultrie

Due Date Requested:
TAT Requested (days):
PO #: 267418.US
WO #: 12806184.00000 Vendor No. 1427536
Project #: 64005633
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 - (MOD) Site Metals	6020A - (MOD) Site Filtered Metals	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D		
MW-19S	8/25/12	1925	G	Water			X			
MW-24S	8/25/12	1905		Water			X			
FFFW-2I	8/26/12	1130		Water			X			
MW-TP5I	8/26/12	1145		Water			X			
MW-TP5I	8/26/12	1145		Water	X			X		
FFFW-2-R	8/26/12	1158		Water			X			
MW-23S	8/26/12	1220		Water			X			
MW-TP5S	8/26/12	1300		Water			X			
DUP-4	8/26/12			Water			X			
EQ-1	8/26/12	1345		Water			X			
EQ-2	8/26/12	1350		Water			X			

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

Special Instructions/QC Requirements:

Deliverable Requested: I, II, III, IV, Other (specify)

Method of Shipment:

Empty Kit Relinquished by:	Date: 8-15-2012	Time: 11:10			
Relinquished by: Amelia Bryant	Date/Time: 082712/0909	Company: URS	Received by:	Date/Time: 8/27/12 9:0	Company: TA
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Cooler Temperature(s) °C and Other Remarks: 2.4° 1.7°

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:

9/20/2012

TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

TestAmerica

Client Information	Sampler: A. Bryant / B. Comer (URS)	Lab PM: Preston, Tim	Carrier Tracking No(s):
Client Contact: Ms. Deborah Hilton	Phone: 850.228.6846	E-Mail: timothyr.preston@testamericainc.com	COC No: 640-34288-9352.2
			Page: Page 2 of 8
Company: URS Corporation			Job #: 640-40081
Address: 1625 Summit Lake Drive Suite 200	Due Date Requested:		
City: Tallahassee	TAT Requested (days):		
State, Zip: FL, 32317			
Phone: 850-528-1937(Tel) 850-402-6490(Fax)	PO #: 267418.US		
Email: deb.hilton@urs.com	WO #: 12806184.00000 Vendor No. 1427536		
Project Name: PCS FFF Moultrie	Project #: 64005633		
Site: FFF Moultrie	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 - (MOD) Site Metals	6020A - (MOD) Site Filtered Metals	Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	D	D		X	
MW-13S-R	8/22/12	1125	G	Water			X				
MW-13S-R	8/22/12	1125		Water	X			X			
MW-26S	8/25/12	0930		Water			X				
MW-35S	8/21/12	1210		Water					X		
MW-10S-R	8/22/12	1855		Water			X				
MW-2I	8/23/12	0855		Water			X				
MW-12S	8/23/12	1300		Water			X				
MW-29S	8/21/12	1706		Water					X		
MW-44S	8/24/12	1325		Water			X				
MW-34S	8/25/12	1325		Water			X				
MW-3I	8/22/12	1610		Water			X				

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: [signature]	Date: 8-15-2012	Time: 11:10	Method of Shipment:		
Relinquished by: Amelia Bryant	Date/Time: 082712/0909	Company: URS	Received by: Tm	Date/Time: 8/27/12 910	Company: TAL
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:

TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

TestAmerica

Client Information	Sampler: A. Bryant, B. Cramer (URS)	Lab PM: Preston, Tim	Carrier Tracking No(s):	COC No: 640-34288-9352.3
Client Contact: Ms. Deborah Hilton	Phone: 850-228 6846	E-Mail: timothyr.preston@testamericainc.com		Page: Page 3 of 8
Company: URS Corporation				Job #: 640-40081
Address: 1625 Summit Lake Drive Suite 200	Due Date Requested:			
City: Tallahassee	TAT Requested (days):			
State, Zip: FL, 32317				
Phone: 850-528-1937(Tel) 850-402-6490(Fax)	PO #: 267418.US			
Email: deb.hilton@urs.com	WO #: 12806184.00000 Vendor No. 1427536			
Project Name: PCS FFF Moultrie	Project #: 64005633			
Site: FFF Moultrie	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 - (MOD) Site Metals	6020A - (MOD) Site Filtered Metals	Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D			
MW-49s	8/24/12	1020	G	Water	X			X			
MW-1s-R	8/23/12	1000		Water	X			X			
MW-27s-R	8/22/12	1620		Water			X				
MW-35s	8/21/12	1210		Water			X				
MW-42s	8/24/12	1345		Water			X				
DUP-6	8/25/12			Water			X				
MW-46s	8/25/12	0915		Water			X				
MW-28s	8/21/12	1405		Water			X				
MW-32s-R	8/21/12	2000		Water			X				
DUP-2	8/21/12			Water			X		X		
MW-30s	8/21/12	1755		Water			X				

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: 8-15-2012	Time: 11:10	Method of Shipment:		
Relinquished by: Amelia Bryant	Date/Time: 082712/0900	Company: URS	Received by: Tim	Date/Time: 8/27/12 900	Company: TA
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:

TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

TestAmerica

Client Information	Sampler: A. Bryant, B. Crumer/URS	Lab PM: Preston, Tim	Carrier Tracking No(s):	COC No: 640-34288-9352.4
Client Contact: Ms. Deborah Hilton	Phone: 850.228.6846	E-Mail: timothyr.preston@testamericainc.com		Page: Page 4 of 8
Company: URS Corporation				Job #: 640-40081
Address: 1625 Summit Lake Drive Suite 200	Due Date Requested:			
City: Tallahassee	TAT Requested (days):			
State, Zip: FL, 32317				
Phone: 850-528-1937(Tel) 850-402-6490(Fax)	PO #: 267418.US			
Email: deb.hilton@urs.com	WO #: 12806184.00000 Vendor No. 1427536			
Project Name: PCS FFF Moultrie	Project #: 64005633			
Site: FFF Moultrie	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 - (MOD) Site Metals	6020A - (MOD) Site Filtered Metals	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D		
MW-21S	8/21/12	2030	G	Water			X			
MW-15S	8/23/12	0935		Water			X			
MW-13I	8/23/12	1920		Water			X			
MW-32I	8/21/12	2045		Water			X			
MW-42S	8/24/12	1345		Water	X			X		
MW-40S	8/23/12	1435		Water			X			
MW-TP2S	8/24/12	1830		Water			X			
MW-18S	8/23/12	1940		Water			X			
MW-49S	8/24/12	1020		Water			X			
MW-TP1S	8/25/12	1615		Water			X			
MW-41S	8/23/12	1755		Water			X			

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: 8-15-2012	Time: 11:10	Method of Shipment:		
Relinquished by: Amelia Bryant	Date/Time: 082712/0909	Company: URS	Received by:	Date/Time: 8/27/12 910	Company: TA
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:

TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

TestAmerica

Client Information	Sampler: A. Bryant, B. Cromer/URS	Lab PM: Preston, Tim	Carrier Tracking No(s):	COC No: 640-34288-9352.5
Client Contact: Ms. Deborah Hilton	Phone: 850.228.6846	E-Mail: timothyr.preston@testamericainc.com		Page: Page 5 of 8
Company: URS Corporation				Job #: 640-40081
Address: 1625 Summit Lake Drive Suite 200	Due Date Requested:			
City: Tallahassee	TAT Requested (days):			
State, Zip: FL, 32317				
Phone: 850-528-1937(Tel) 850-402-6490(Fax)	PO #: 267418.US			
Email: deb.hilton@urs.com	WO #: 12806184.00000 Vendor No. 1427536			
Project Name: PCS FFF Moultrie	Project #: 64005633			
Site: FFF Moultrie	SSOW#:			

Analysis Requested

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:

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	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	D	D	X	
MW-10I	8/22/12	1805	G	Water			X			
MW-45S	8/25/12	1355		Water			X			
MW-34I	8/25/12	1235		Water	X			X		
DUP-1	8/22/12			Water			X			
MW-4S	8/25/12	1645		Water			X			
MW-TP3S	8/25/12	0850		Water			X			
MW-TP1I	8/25/12	1545		Water			X			
DUP-3	8/22/12			Water			X			
MW-29S	8/21/12	1706		Water			X			
MW-3S	8/22/12	1406		Water			X			
MW-22S	8/24/12	1425		Water			X			

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: [signature]	Date: 8-15-2012	Time: 1110		Method of Shipment:	
Relinquished by: Amelia Bryant	Date/Time: 082712/0909	Company: URS	Received by: [signature]	Date/Time: 8/27/12 910	Company: TAL
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:

TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

TestAmerica

Client Information	Sampler: A. Bryant B. Comer / URS	Lab PM: Preston, Tim	Carrier Tracking No(s):
Client Contact: Ms. Deborah Hilton	Phone: 850.228.6846	E-Mail: timothyr.preston@testamericainc.com	
Company: URS Corporation			
Address: 1625 Summit Lake Drive Suite 200	Due Date Requested:		
City: Tallahassee	TAT Requested (days):		
State, Zip: FL, 32317			
Phone: 850-528-1937(Tel) 850-402-6490(Fax)	PO #: 267418.US		
Email: deb.hilton@urs.com	WO #: 12806184.00000 Vendor No. 1427536		
Project Name: PCS FFF Moultrie	Project #: 64005633		
Site: FFF Moultrie	SSOW#:		

COC No: 640-34288-9352.6
Page: Page 6 of 8
Job #: 640-40081

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	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D		
FFFW-1-R	8/24/12	1515	G	Water			X			
MW-7I	8/23/12	1725		Water			X			
MW-39S	8/23/12	1205		Water			X			
MW-2S	8/23/12	0920		Water			X			
FFFW-3-R	8/24/12	0925		Water			X			
MW-6I	8/23/12	1245		Water			X			
MW-12I	8/23/12	1615		Water			X			
FFFW-4-R	8/25/12	1310		Water	X			X		
MW-34I	8/25/12	1235		Water			X			
MW-1I-R	8/23/12	1200		Water			X			
MW-25S	8/24/12	1810		Water			X			

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: L. Huff	Date: 8-15-2012	Time: 11:10	Method of Shipment:		
Relinquished by: Amelia Bryant	Date/Time: 082712/0909	Company: URS	Received by: TR	Date/Time: 8/27/12 910	Company: TA
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:

9/20/2012

TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

TestAmerica

Sampler: A. Bryant / B. Comer / URS	Lab PM: Preston, Tim	Carrier Tracking No(s):	COC No: 640-34288-9352.7
Phone: 850. 228. 6846	E-Mail: timothyr.preston@testamericainc.com		Page: Page 7 of 8
			Job #: 640 - 40081

Client Information

Client Contact: Ms. Deborah Hilton
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: deb.hilton@urs.com
Project Name: PCS FFF Moultrie
Site: FFF Moultrie

Due Date Requested:
TAT Requested (days):
PO #: 267418 US
WO #: 12806184.00000 Vendor No. 1427536
Project #: 64005633
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 - (MOD) Site Metals	6020A - (MOD) Site Filtered Metals	Total Number of containers
			Preservation Code:				D	D	
MW-8I	8/22/12	1325	G	Water			X		
MW-6S-R	8/22/12	1340		Water			X		
MW-36S	8/22/12	1112		Water			X		
FFFW-4-R	8/25/12	1310		Water			X		
MW-38S	8/22/12	1645		Water			X		
MW-48S	8/21/12	1716		Water			X		
MW-33S	8/24/12	1725		Water			X		
MW-43S	8/24/12	0915		Water			X		
MW-11S	8/22/12	1930		Water			X		
MW-1S-R	8/23/12	1000		Water			X		
MW-7S-R	8/22/12	0920		Water	X			X	

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

Special Instructions/QC Requirements:

Deliverable Requested: I, II, III, IV, Other (specify)

Method of Shipment:

Empty Kit Relinquished by: [signature]	Date: 8-15-2012	Time: 1110			
Relinquished by: Amelia Bryant	Date/Time: 082712 / 0909	Company: URS	Received by: [signature]	Date/Time: 8/27/12 910	Company: TAL
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:

...lahassee
...za Drive
L 32301
...994 Fax (850) 878-9504

Chain of Custody Record

TestAmerica

9/20/2012

...formation

...ent Contact:	Ms. Deborah Hilton
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:	deb.hilton@urs.com
Project Name:	PCS FFF Moultrie
Site:	FFF Moultrie

Sampler:	A. Bryant / B Comer (URS)
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:	timothy.preston@testamericainc.com
Carrier Tracking No(s):	
COC No:	640-34288-9352.8
Page:	Page 8 of 8
Job #:	640-40081

Analysis Requested

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:

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	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	D	D	X	
MW-9S-R	8/22/12	0945	G	Water			X			
MW-7S-R	8/22/12	0920		Water			X			
MW-11S	8/22/12	1930		Water	X			X		
DUP-5	8/22/12			Water			X			
MW-55-R	8/22/12	1840		Water			X			
MW-37S	8/22/12	1555		Water			X			
MW-31S	8/24/12	1053		Water			X			
MW-55-R	8/22/12	1840		Water	X			X		
MW-20S	8/25/12	0940					X			
MW-47S	8/25/12	1845					X			
MW-TP4S	8/25/12	1852					X			

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: [signature] Date: 8-15-2012 Time: 11:10 Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature] Amelia Bryant	082712/0909	URS	[signature]	8/27/12 910	TA

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 640-40081-1

Login Number: 40081

List Source: TestAmerica Tallahassee

List Number: 1

Creator: Mitchell, Travis X

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 640-40081-1

Login Number: 40081
List Number: 1
Creator: Conner, Keaton

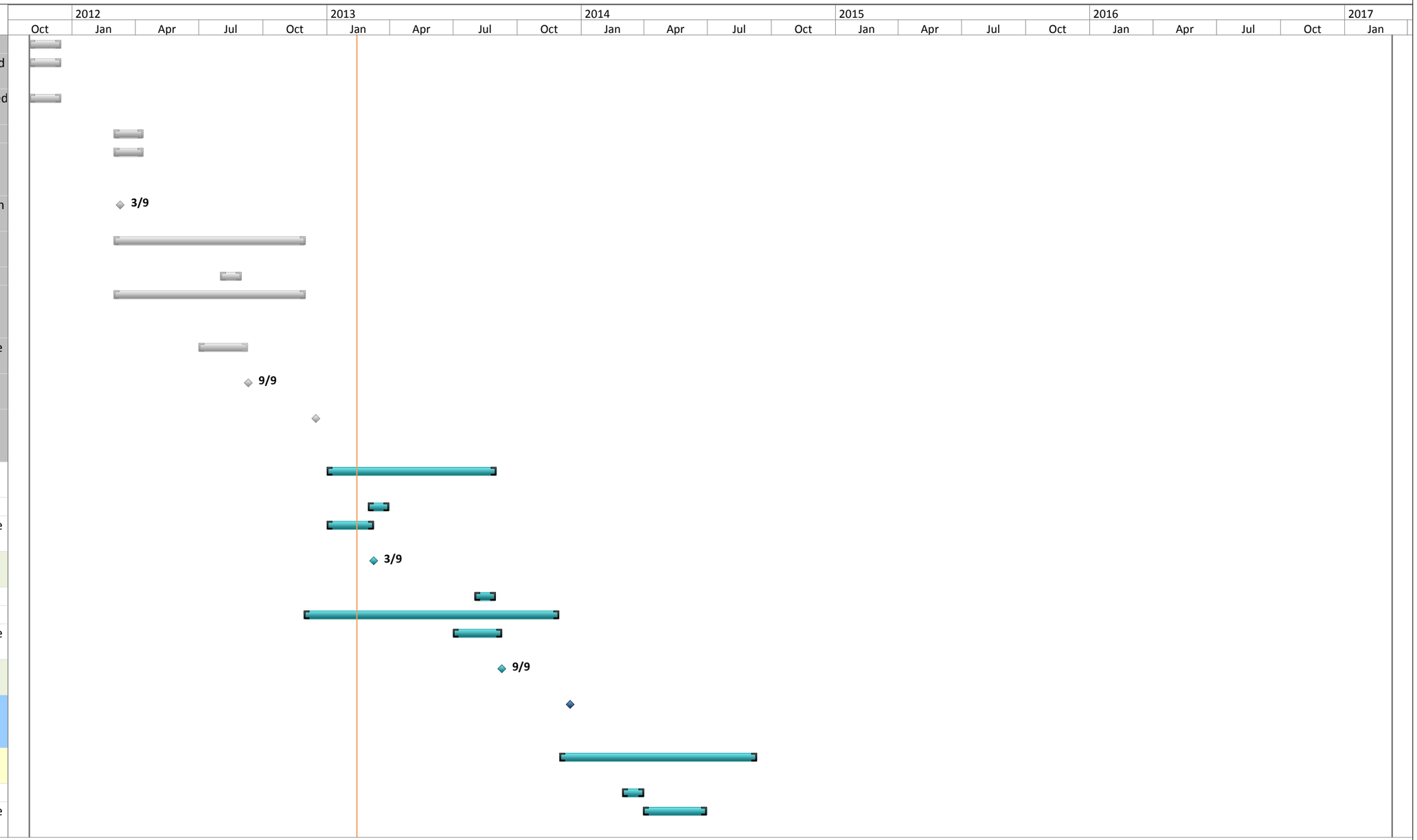
List Source: TestAmerica Savannah
List Creation: 08/28/12 08:18 AM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

ATTACHMENT 2

Attachment 2
Voluntary Investigation & Remediation Plan (VIRP)
Schedule

ID	Task Name
1	Enrollment in VRP
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 delineation off-site
22	Preparation of Final Remediation Plan
23	Conduct Groundwater Sampling
24	Preparation of Status Report & Update CSM

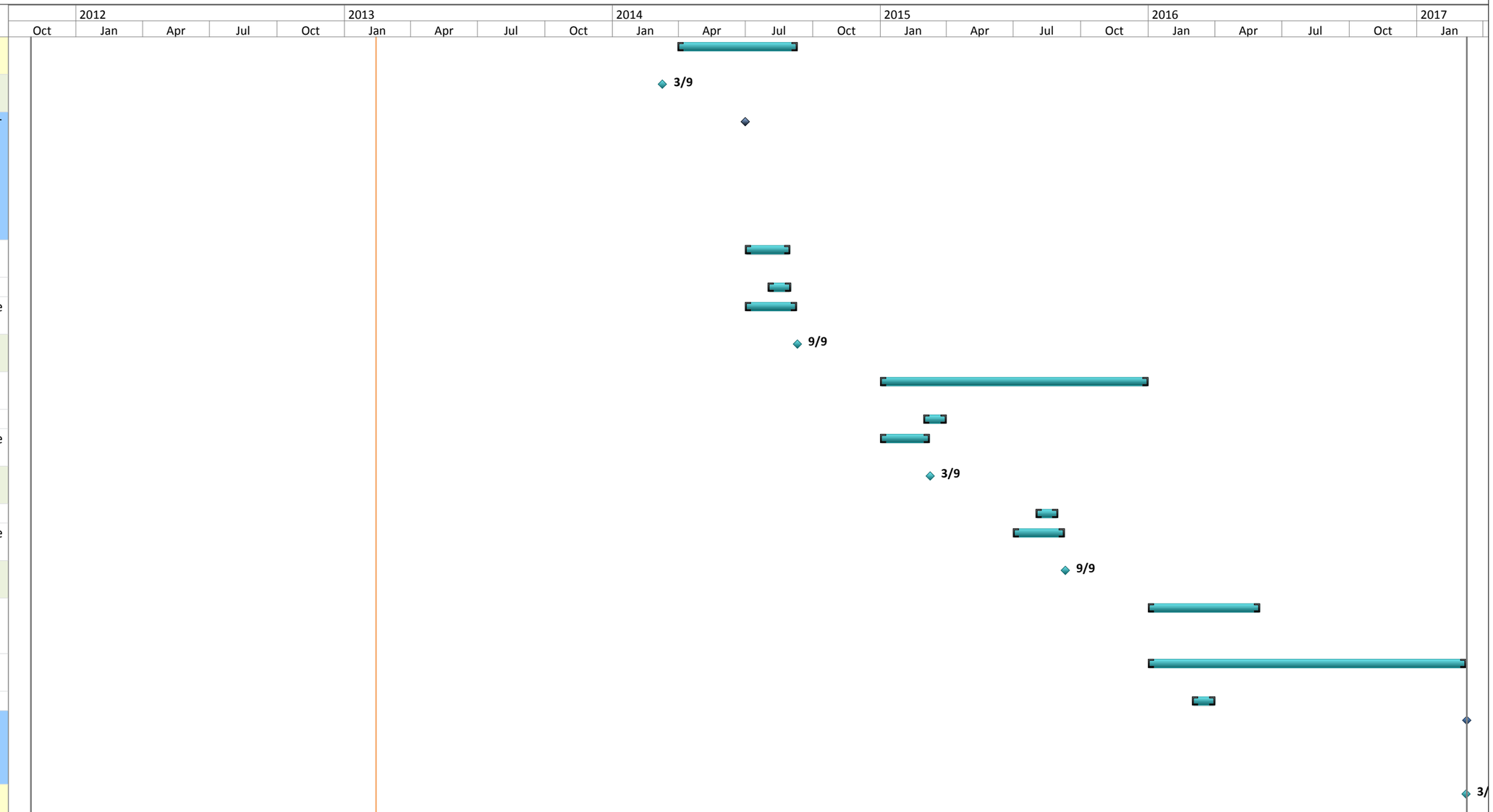


Project: Fig 17_VIRP Schedule rev
Date: Wed 2/13/13

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 requsition certifications
43	Submit Compliance Status Report to GEPD



Project: Fig 17_VIRP Schedule rev
Date: Wed 2/13/13

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 3

URS

AGREEMENT FOR SITE ACCESS

March 14, 2012

Mike Gay
Gay's Tires
400 2nd Street NE
Moultrie, GA 31768

Subject: Agreement for Site Access

Dear Mr. Gay:

In connection with the performance of environmental or geotechnical assessment services for PCS Joint Venture, Ltd ("Client"), it is necessary for URS Corporation Southern ("URS") a California corporation to perform certain work as described in Attachment A hereto ("the Work") at 400 2nd Street NE ("the Site") which is owned by Gay's Tires ("Owner"). Owner is willing to grant URS access to the Site for the performance of the Work. URS agrees to indemnify and hold Owner harmless from any property damage or bodily injury or any claim relating to such damage or injury to the extent caused by the negligent conduct of URS in the performance of the Work.

Sincerely,

Jeffry R. Wagner
Vice President

cc: Contracts Manager
File: *12806184*

Acknowledged and Agreed to on Behalf of Owner:

Signature

Foreman
Typed Name/Title

3-23-12
Date of Signature

URS Corporation
1625 Summit Lake Drive, Suite 200
Tallahassee, FL 32317-7940
Tel: 850.574.3197
Fax: 850.576.3676
www.urscorp.com

URS

ATTACHMENT A

- Drilling holes and installing and abandoning monitoring well(s) for subsurface investigations and implementation of remedial options;
- Surveying and demarcating the locations and elevations of sampling points, well installations, and site boundaries, and
- Periodically collecting soil and water samples as may be determined to be necessary.