September 9, 2014

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

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

Dear Mr. Brownlee:

URS Corporation (URS) is submitting this Progress Report on behalf of PCS Joint Venture, Ltd. (PCS). This submittal is in response to the March 9, 2012 Georgia Environmental Protection Division (GEPD) correspondence, which accepted PCS into the Voluntary Remediation Program (VRP) and required Semi-Annual Progress reporting. This report describes the actions taken at the site since the last progress report was submitted on March 9, 2014.

GEPD's approval of the Voluntary Investigation and Remediation Plan (VIRP) required certain revisions to the VIRP. These revisions were addressed by URS in a Response dated May 21, 2012 to the GEPD Deficiency Comments dated March 9, 2012. The VIRP specifies that the following corrective actions related to the former Farmers Favorite Fertilizer (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). Both well locations were off-site and upgradient of the former FFF site.
- Continued semi-annual groundwater sampling
    - The final planned semi-annual sampling event was conducted in August 2014. The sampling results will be reported in the Compliance Status Report in March 2015.

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  - Semi-Annual groundwater sampling has been conducted at the site since February 2010.
  - Results for the March 2014 Semi-Annual Sampling Event are discussed in this progress report, **Attachment 1.**

- Evaluation and documentation of the existing groundwater monitoring network
  - Task completed (see September 9, 2012 Semi-Annual Progress Report)
- Evaluation of historical groundwater concentrations
  - Documented in each Progress Report.
- Groundwater transport modeling to show that no human or environmental receptors will be affected by impacts identified for the site
  - Task completed; discussed in March 2014 Progress Report.
- Execution of a Uniform Environmental Covenant (UEC) to restrict exposure to impacted groundwater, if needed
  - Draft UEC included in this Progress Report.
- Compliance Status Report with required certifications
  - Planned CSR submittal date is March 9, 2015.

CONCEPTUAL SITE MODEL

The full description of the CSM was presented in the September 9, 2012 Semi-Annual Progress Report and has been summarized in each subsequent report. The description below summarizes the CSM and updates the information following the March 2014 Report. This summary was discussed with EPD at our July 15, 2014 meeting and will be documented in the upcoming Compliance Status Report. No significant revisions have been made to the CSM.

Operations from the fertilizer manufacturing operations ceased more than 30 years ago. The hydrogeologic setting beneath the Site assists in mitigating impacts caused to shallow groundwater. The groundwater found beneath the Site is contained in shallow water-bearing zones within the Upper Confining Unit. The subsurface sediments do not allow for significant transmission of water and, therefore, migration impacts are limited. Groundwater impacts related to the Site historical operations are contained on-site even after more than 60 years.

Air and vapor intrusion is an incomplete pathway for human receptor exposure. The soil exposure pathway for both direct contact and leaching potential has been remediated and no further action is required. The surface water and ecological receptors have been evaluated for both the unnamed intermittent flow drainage way and the downstream surface water receptor, Okapilco Creek. Findings indicate no further assessment is required. The surface water and ecological receptors are incomplete pathways.

Groundwater on the Site has been delineated both vertically and laterally. Upgradient, off-site testing identified contribution to the Site from an upgradient, off-site source in the northwest area. Source removal, including excavation and treatment of soils, was completed for the former sulfuric acid plant area in 2004. Groundwater sampling in this area indicates source removal was effective. Additional assessment in the area of the former waste water ponds location was conducted in March 2014. The results indicate residual Constituents of Concern (COC) impacts in the unsaturated soils are not present. Furthermore, soil sampling within the upper saturated zone indicates the absence of COC concentrations that would contribute to COC mass within the saturated zone soils. No other known source areas exist for the Site and the current plume conditions can likely be explained as the residual of 50 + years of source leaching in the shallow perched groundwater. Simulations show that current conditions projected forward 100 years predict that the plume is stable and does not travel off-site and specifically, predicts no impact to the VRP-defined default “point of exposure”. The Site does not pose a threat to the Moultrie municipal water supply source or the Floridan aquifer.

COMPLETED MILESTONES

The following section summarizes the VRP milestones that PCS has achieved. The information below was presented to EPD at our July 15, 2014 meeting and further detailed in follow-up discussions. PCS will document this information in the upcoming Compliance Status Report.

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

B. Off-site Groundwater Horizontal Delineation --The *off-site horizontal delineation* of the groundwater plume is considered complete with the installation of monitoring wells, MW-48S and MW-49S. These wells are considered upgradient wells (September 9, 2012 Progress Report).
MW-48S is an offsite up-gradient monitoring well on the adjoining property owned by Gay Tire Company. The parcel where this well is located is a former corridor for the CSX railroad. The railroad tracks have been removed and Gay Tire uses this parcel for storage.

C. Vertical Delineation -- As demonstrated in the September 2012 Progress Report, the *vertical delineation* of the groundwater plume is considered complete. The hydrogeologic framework beneath the Site is defined. The subsurface beneath the Site does not include the typical surficial aquifer. The surficial aquifer is missing for this part of Colquitt County. The groundwater found beneath the Site is contained within what are defined as confining unit sediments. COCs decrease in concentration with depth because of the low permeability of the confining sediments. These upper sediments are considered to be part of a massive confining unit that is more than 300 ft thick. The low water transmitting ability prevents vertical leakage from reaching the underlying aquifer system (September 9, 2012 Progress Report).

D. Groundwater Flow and Transport Modeling -- The *groundwater flow and transport modeling* is considered complete. Results of the modeling efforts were presented in the March 2014 Progress Report. The results were also discussed in the EPD July 15, 2014 meeting.

E. Risk Reduction Standards - Soil -- The site clean-up goals established and approved by GEPD regarding the soil removal of the former Sulfuric Acid Plant area were based on Type 3 soil Risk Reduction Standards (RRSs) except for lead. Lead was based on Type 4 RRS and calculated using the Georgia adult lead model (GALM). Based on the results, the RRS for lead from land surface to 2 feet below land surface (bls) was 930 milligrams per kilogram (mg/kg) and for soils deeper than 2 ft bls the lead RRS was 1,303 mg/kg. The following summarizes all site soil constituents of concern (COCs) metals.

COC	Soil RRS (mg/kg)
Antimony	10
Arsenic	41
Barium	1,000
Beryllium	3
Cadmium	39
Chromium	1,200
Cobalt	25
Copper	1,500
Lead (0-2 ft bls)	930
Lead (greater than 2 ft bls)	1,303

COC	Soil RRS (mg/kg)
Mercury	17
Nickel	420
Selenium	36
Silver	10
Thallium	10
Vanadium	100
Zinc	2,800

Reference: Corrective Action for Soil Report; Former Sulfuric Acid Plant; Former Farmers Favorite Fertilizer; Moultrie, GA (Golder Associates, August 2006)

Corrective Actions for Impacted Soils

1. Former Sulfuric Acid Plant Area

Soil Corrective Action implementation commenced on January 6, 2006, and the soil removal action was completed on March 9, 2006. The area requiring excavation of impacted soils was limited to the parcel of the site where the former Sulfuric Acid Plant was located. The parcel and outline of excavation area are presented on Figure 1. The Sulfuric Acid Plant and associated structures were previously demolished and removed from the site in 1996.

While isolated areas of impacts to soils from arsenic, barium cadmium, chromium, copper, mercury, and zinc existed, these areas were within the area requiring corrective action for lead. Therefore, the corrective action was primarily based on remediation of lead. However, selective areas outside of the main excavation area were also excavated to address other metal impacts.

Complete details regarding the soil remediation in the Sulfuric Acid Plant were provided in the Corrective Action for Soil Report, Golder Associates, August 2006.

2. Residual Soils Along Existing Sanitary Sewer Line in Former Sulfuric Acid Area

Due to the fragile nature of the terra cotta construction of the sewer line, impacted soils were left in place in the close proximity of the sewer line. Figure 2 shows the location of the existing sewer line. On June 19 2012, the City of Moultrie Director of Utilities communicated to URS that the sewer line had been inspected using a remotely operated video camera and that the line was determined to be in excellent condition without need of repair or replacement. The City also stated that the line would not be replaced any time in

the foreseeable future. Potential leaching of lead from soil in the area of the sewer line is monitored by monitoring well MW-7SR as approved by the GEPD Corrective Action for Soil Response Letter dated May 29, 2009. Lead has not been detected in this well in concentrations exceeding the groundwater Type 1 RRS since 2001. This is also the case for MW-1SR where lead has not been detected above the Type 1 RRS since 2003.

3. Former Waste Ponds Area

Soils in the area of the former Acidulation Ponds were assessed in 2001 and reported in the Compliance Status Report Addendum #4 dated December 2003. Soils were not impacted above the RRS soil concentrations and no corrective actions were required. The parcel and outline of the former ponds area are presented on Figure 1. The ponds were closed in 1986 and all pond sludges were removed and determined to be non-hazardous and disposed in the Colquitt County Landfill.

As referenced in the March 2014 Progress Report, a limited soil assessment was completed in March 2014 in the former ponds area to verify soil concentrations. The assessment also extended below the water table to evaluate if any residual mass might be present within the saturated zone of the subsurface. The results of the assessment were the same as the 2001 assessment. Also no mass of concentrations were detected in the saturated subsurface. The conclusion of this assessment was that the soils do not function as a continuing source for COCs and that the groundwater concentrations found in this area are residual effects only. The results of the 2014 limited soil assessment are included in this September 2014 Progress Report.

F. Soil Conclusion/Certification -- As summarized above, soil RRSs were developed in the Site Compliance Status Reports (March 1998, June 2000, December 2003) and approved by GEPD. The final soil RRSs are listed in the 2006 Corrective Action Soil Report. Impacted soils for the site have been remediated through Corrective Actions and site soil conditions are in compliance with the Hazardous Site Response Act (HSRA) and VRP Programs.

G. Risk Reduction Standards – Groundwater -- In lieu of developing Site RRSs for groundwater, conclusions from the Site data are that the horizontal extent of constituents in groundwater above delineation criteria has been defined. Additionally, as demonstrated by the analytical results for the semi-annual sampling events presented in each of the Site Semi-Annual Progress Reports, the constituent concentrations have remained relatively stable and the Site Groundwater Modeling results indicate concentrations have reached steady-state conditions. Additionally, the modeling results demonstrate that existing subsurface groundwater conditions are protective of the down-gradient receptor/Point of Exposure. For on-site conditions, PCS has prepared an Environmental Covenant that is

compliant with the VRP and plans to have the Covenant recorded on the site parcels (as described in the VIRP). With the recording of the Environmental Covenant, the site will comply with the provisions, purposes, standards, and policies of the VRP (per OCGA 12-8-108(7)) and the Hazardous Site Response Act (HSRA).

The following is a summary of site conditions:

- The Site metals COCs are contained within a confining unit and a traditional surficial aquifer system
- The confining unit sediments are hundreds of feet thick beneath the site.
- Water bearing layers in the shallow confining unit are thin and not laterally extensive.
- These confining unit water-bearing zones are not used for local water supplies.
- Local recharge to the underlying Floridan aquifer is non-existent
- COC concentrations are being affected by retardation processes, which limit mobility.
- Transport of contaminants originating on-site is limited to the site based on 14 years of groundwater sampling. Semiannual sampling has been conducted since 2009.
- Current plume conditions can be explained as the residual of 50+ years of source leaching in the shallow groundwater. Soil source removal was completed in 2006.
- Model Simulations show that current conditions projected forward 100 years predict that the plume is stable and is expected not to travel off-site.
- No impact is expected to the nearest public supply wells (Moultrie #1 and #2) 900 ft south of the site. These wells lie outside the impacted area as simulated for the 100 year period and these public supply wells are installed within the Floridan Aquifer which is not affected from the shallow impacts. As noted above the Floridan Aquifer is protected by the massive clay confining unit thickness above the Floridan.
- Based on groundwater sampling results from upgradient, off-site monitoring well MW 48S, and historical land uses for adjacent properties, there are indications that an upgradient contamination source may be the cause of groundwater impacts in the northwest corner of the site.

PROGRESS VIRP TASKS

Groundwater Sampling

URS conducted semi-annual groundwater sampling in March 2014 and August 2014. The results from the March 2014 sampling event are included in this Progress Report as **Attachment 1**. The August 2014 sampling event will be reported in the March 9, 2015 Compliance Status Report.

Limited Soil Assessment

In order to further understand and verify conditions in the south-central area of the Site, a limited assessment of the area was performed in March 2014. The purpose of collecting information near the south-central boundary of the former wastewater location was to assess if residual soil impacts were still present. It was suspected that potentially impacted soils in the area of MW-TP5S may be the source of localized impacts to the groundwater in this area. This work was performed using direct-push technology (DPT) sampling to characterize the soils within the immediate area of MW-TP5S and the area of the former two on-site ponds that were removed from service in 1986. This work was implemented in conjunction with the March 2014 groundwater sampling. Results of this limited soil assessment are presented as **Attachment 2** in this Progress Report.

Uniform Environmental Covenant

A draft of the Uniform Environmental Covenant to restrict exposure to site soil and groundwater in accordance with the VRP is presented in **Attachment 3**. Consistent with discussions with EPD on July 15, 2014, the Covenant does not contain annual groundwater sampling requirements.

July 15, 2014 EPD Meeting Summary

Michael Brom (PCS), Jeff Wagner (URS) and Candace Beauvais (URS) met with Dave Reuland and Bill Williams in the EPD Atlanta Office on July 15, 2014. The purpose of this meeting was to discuss site status and the path forward within the Voluntary Remediation Program.

A package with Discussion Topics for the meeting was provided to EPD in advance of the meeting. The topics included:

- Soil Risk Reduction Standards
- Corrective Actions Performed for Soils
- Soil Conclusions
- Groundwater – Site Conceptual Model, Delineation and Groundwater Modeling Results
- Groundwater Conclusions
- Draft Responses to EPD June 13, 2014 Comments

The parties discussed each of the topics in detail and EPD was in general agreement with the conclusions URS has provided and the path forward was as follows:

- Conduct final semi-annual groundwater sampling event in August 2014
- Provide draft Uniform Environmental Covenant as part of the September 9, 2014 Progress Report
- Submit Compliance Status Report on March 9, 2015
- Additionally, EPD requested supplemental information regarding the upgradient, off-site monitoring well, MW-48S. URS provided additional information to EPD as part of a August conference call. The path forward will be to include the supplementary information in the March 2015 Compliance Status Report.

SITE SCHEDULE

Attachment 4 shows the target dates for completion of the major tasks outlined in the VIRP. Work outlined in the VIRP is on schedule.

The next semi-annual groundwater sampling event was completed in August 2014. The results from this event will be submitted in the March 9, 2015 Compliance Status Report.

Changes to the schedule include the following:

With the completion of the Groundwater model and the Limited Soil Assessment within the area of the former wastewater ponds, the need for a final Remediation Plan was determined not to be necessary.

Additionally, as part of the July 15, 2014 EPD meeting it was determined that the final semi-annual sampling event would be August 2014.

The schedule has been accelerated to reflect that this submittal includes a proposed Environmental Covenant. The Compliance Status Report will be submitted on March 9, 2015 and will include groundwater and soil compliance certification for compliance with the provisions, purposes, standards, and policies of the Georgia Voluntary Remediation Program Act.

RESPONSE TO EPD JUNE 13, 2014 COMMENTS

On June 13, 2014, EPD submitted a comment letter to PCS which provided comments on Semi-Annual Progress Reports for – September 9, 2012, March 9, 2013, September 9, 2013, March 9, 2014 and the Fifth Semi-Annual Groundwater Monitoring Report dated November 2011. URS provided draft responses to this comment letter as part of the July 15, 2014 meeting in Atlanta.

These responses where discussed as part of the meeting. The final responses reflect the discussions during the meeting and subsequent discussions. The final responses to comments are provided as **Attachment 5**.

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

Sincerely,

Jeffry R. Wagner
Project Manager

Candace Beauvais
Project Hydrogeologist
Georgia PG License # 2067

JRW/CB/lc

Enclosure: 1 hardcopy and 2 CD copies
Attachment 1 – March 2014 Groundwater Sampling Event
Attachment 2 – Limited Soil Assessment Results for former Wastewater Ponds Area
Attachment 3 – Draft Uniform Environmental Covenant
Attachment 4 – Modified Schedule
Attachment 5 – Final Responses to EPD June 13, 2014 Comments

cc: Michael Brom, PCS Administration, Inc.
David Reuland, GEPD
Bill Williams, 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.

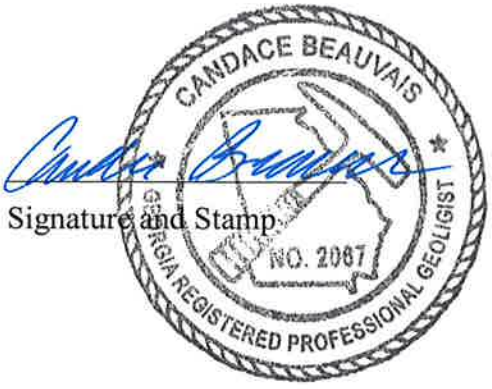
The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Candace Beauvais #2067

Printed Name and GA PE/PG Number

9/8/2014

Date



Signature and Stamp

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**
5/9/14	4	Review March 2014 analytical results
7/18/14	17	Preparation and travel for July EPD Meeting
7/25/14	2	Preparation of March 2014 potentiometric surface
8/15/14	4	Review of draft September 2014 Progress Report
9/5/14	8	Finalize September 2014 Progress Report
Total	**35**	

DESCRIPTION OF SERVICES SINCE MARCH 9, 2014

Assisted in preparation of July Meeting topics; attended July Meeting at EPD in Atlanta; reviewed March 2014 semi-annual sampling event results; prepared March 2014 potentiometric surface; reviewed and finalize draft September 9, 2014 Progress Report;

CD/DVD CERTIFICATION PAGE

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

SEMI-ANNUAL PROGRESS REPORT VOLUNTARY REMEDIATION PROGRAM

FORMER FARMERS FAVORITE FERTILIZER SITE

315 4TH AVENUE

MOULTRIE, COLQUITT COUNTY, GEORGIA

HSI NUMBER: 10259

Dated September 9, 2014

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

ATTACHMENT 1

GROUNDWATER SAMPLING REPORT – MARCH 2014

VOLUNTARY REMEDIATION PROGRAM

FORMER FARMER'S FAVORITE FERTILIZER SITE

315 4TH AVENUE
MOULTRIE, COLQUITT COUNTY, GEORGIA

September 9, 2014

URS Corporation
1625 Summit Lake Drive
Tallahassee, FL, 32317
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1.1 PURPOSE

One of the components of the Voluntary Investigation and Remediation Plan (VIRP) is semi-annual groundwater sampling. Sampling was performed March 4 through 12, 2014. The results of the March 2014 sampling event are reported in this Semi-Annual Progress Report dated September 9, 2014.

1.2 SITE LOCATION AND BACKGROUND

The former Farmers Favorite Fertilizer Site (FFF) (Hazardous Site Inventory (HSI) # 10259) (Site) is located in Moultrie, Colquitt County, Georgia (**Figure 1**). The Site address as listed in the HSI is 315 4th Avenue N.E., Moultrie, GA 31776. The current business owning and operating on most of the property is Griffin Terminal Services, LLC. This company is not associated with the FFF VIRP activities being conducted for HSI #10259. The Site is comprised of approximately 19.9 acres and is located south of the Georgia Florida Railroad right-of-way, east of 3rd Street N.E., north of 2nd Avenue N.E., and west of 6th Street N.E. The Site is contained within the U.S. Geological Survey, Moultrie, Georgia, 7.5-minute topographic quadrangle map with coordinates of approximately 31 degrees, 10 minutes, and 55 seconds north latitude and 83 degrees, 46 minutes, 59 seconds west longitude. The Site is bounded on the north and south by industrial/commercial land use and to the east and west by residential/commercial land use.

1.3 SITE DESCRIPTION

The Site consists of five parcels, shown on **Figure 2**. The topography of the area slopes from northwest to southeast and is controlled by the underlying geology. An unnamed tributary of Okapilko Creek crosses the Site and is also shown on **Figure 2**. The drainage way is above ground, open and unlined except for a short segment that travels under the northeast portion of the Site in a concrete culvert. Groundcover varies from buildings and pavement to grassy, open fields.

2.1 GROUNDWATER MONITORING NETWORK

A total of 68 groundwater monitoring wells (55 monitoring wells screened in the shallow water-bearing zone of the Upper Confining Unit and 13 monitoring wells screened in the intermediate water-bearing zone of the Upper Confining Unit) comprise the monitoring well network for the March 2014 sampling event. It was determined after the Fifth Semi-Annual Groundwater Monitoring Report – August 2011 (Year 3) dated November 29, 2011 that monitoring wells MW-30S and MW-31S, originally listed as intermediate wells, are screened in the shallow water-bearing zone of the Upper Confining Unit and are now listed as shallow wells. Monitoring well locations are shown on **Figure 2**. Monitoring well constructions details are presented in **Table 1**.

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

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

2.3 MONITORING WELL PURGING

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

The shallow water-bearing zone wells were purged a minimum of three (3) well volumes and the intermediate water-bearing zone wells were purged one (1) equipment volume prior to collecting and satisfying the groundwater stabilization criteria. When the groundwater stabilization criteria for three consecutive measurements were achieved the monitoring wells were sampled. Stabilization criteria are as follows:

- pH [constant within 0.1 Standard Units (SU)]
- specific conductance [constant within 5 percent]
- turbidity [below 10 Nephelometric Turbidity Units (NTUs)]

- dissolved oxygen (DO) [within 0.2 milligrams per liter (mg/L) or 10% saturation, whichever is greater]

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

At monitoring wells in which 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 in order to collect groundwater samples with lower turbidity measurements. At monitoring wells in which the purge rates exceeded the recharge rates of the water bearing zone, the well was 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 to record the drawdown in the well. The water level measurements were made at regular intervals and recorded in the log book along with the time of measurements and purge rates.

2.4 SAMPLING PROCEDURES

Groundwater sampling activities were performed March 3 through 7 and March 10 through 12, 2014. 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-R3, effective March 6, 2013. 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 temperature, specific conductance, DO, pH, oxidation/reduction potential (ORP), turbidity, color, odor, and depth to water. A summary of the groundwater quality parameters collected during the March 2014 sampling event is presented in **Table 3**. **Figure 2** shows the approximate locations of the monitoring wells. Field-filtered aliquots of groundwater samples were collected at 10 locations where groundwater turbidity values exceeded 10 NTUs. Copies of the groundwater sampling logs and field equipment calibration logs are provided as **Appendix A**.

2.5 INVESTIGATIVE DERIVED WASTE

All investigative derived waste (IDW) was contained in labeled 55-gallon steel drums and temporarily staged at a secure, on-site location. On March 21, 2014, Perma-Fix of Florida, Inc. transported the purge water to a waste water treatment facility. A copy of the non-hazardous waste manifest documentation is provided as **Appendix B**.

2.6 LABORATORY ANALYSIS

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

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

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

2.7 MODIFICATIONS TO GROUNDWATER SAMPLING PLAN

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

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

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

In 2012, monitoring wells, MW-48S and MW-49S were added to the network. Each monitoring well location is off-site and upgradient from the former FFF site.

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

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

3.1 ARSENIC

Arsenic was detected at concentrations that exceeded the Type 1 RRS of 0.010 mg/L in groundwater samples collected from the following shallow zone monitoring wells:

- MW-3S (0.049 mg/L)
- MW-4S (0.21 mg/L)
- MW-9S-R (0.043 mg/L)
- MW-12S (0.24 mg/L)
- MW-15S (0.054 mg/L)
- MW-19S (0.013 mg/L)
- MW-32I (0.083 mg/L)
- MW-41S (0.013 mg/L)
- MW-42S (0.031 mg/L)
- MW-45S (0.015 mg/L)
- FFFW-2-R (0.022 mg/L)
- FFFW-3-R (0.012 mg/L)
- MW-TP5S (0.14 mg/L)

Total arsenic concentrations in the shallow zone groundwater are depicted on **Figure 4**. The highest concentration is associated with MW-12S. This monitoring well is southwest of the former sulfuric acid plant.

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

Field-filtered aliquots of the groundwater samples collected from monitoring wells MW-1S-R, MW-7S-R, MW-7I, MW-28S, MW-31S, 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 in all field-filtered aliquots except MW-42S (0.034 mg/L).

3.2 BARIUM

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

- MW-28S (2.9 mg/L)
- MW-35S (2.1 mg/L)
- MW-48S (4.3 mg/L)

- FFFW-2-R (4.1 mg/L)
- MW-TP5S (51 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, off-site location. This location, as well as other monitoring locations in the northwest portion of the Site, is being affected by off-site source(s) upgradient of this location.

Barium was not detected at a concentration that exceeded the Type 1 RRS in the groundwater sample collected from intermediate zone except for MW-7I (2.7 mg/L).

Field-filtered aliquots of the groundwater samples collected from monitoring wells MW-7I, MW-28S, MW-31S, MW-42S, and MW-49S were analyzed for barium. Concentrations of dissolved barium were below the Type 1 RRS in all field-filtered aliquots except for MW-7I (2.8 mg/L) and MW-28S (2.5 mg/L).

3.3 BERYLLIUM

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

- MW-3S (0.0074 mg/L)
- MW-6S-R (0.0052 mg/L)
- MW-7S-R (0.0051 mg/L)
- MW-12S (0.044 mg/L)
- MW-15S (0.0053 mg/L)
- MW-28S (0.0078 mg/L)
- MW-32I (0.023 mg/L)
- MW-41S (0.0046 mg/L)
- MW-48S (0.0079 mg/L)
- FFFW-2-R (0.074 mg/L)
- MW-TP5S (0.32 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, off-site location. This location, as well as other monitoring locations in the northwest portion of the Site, is being affected by off-site source(s) upgradient of this location.

Beryllium was not detected at a concentration that exceeded the Type 1 RRS in the groundwater sample collected from intermediate except at MW-7I which had a concentration of 0.0057 mg/L. Total beryllium concentrations in the intermediate zone groundwater are depicted on **Figure 6**.

Field-filtered aliquots of the groundwater samples collected from monitoring wells MW-7S-R, MW-7I, MW-28S, MW-31S, MW-42S, MW-49S, and FFFW-4-R were analyzed for beryllium. Concentrations of dissolved beryllium were below the Type 1 RRS in all field-filtered aliquots except MW-7S-R (0.0052 mg/L), MW-7I (0.0058 mg/L), and MW-28S (0.0068 mg/L).

3.4 CADMIUM

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

- MW-6S-R (0.0059 mg/L)
- MW-19S (0.0054 mg/L)
- MW-32I (0.0055 mg/L)
- MW-34S (0.0074 mg/L)
- MW-TP5S (0.016 mg/L)

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

Cadmium was not detected in the intermediate zone.

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

3.5 COPPER

Copper was not detected at concentrations that exceeded the Type 1 RRS of 1.3 mg/L in any of the groundwater sample collected from shallow zone monitoring wells.

Copper is not a COC in the intermediate zone.

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

3.6 LEAD

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

- MW-3S (0.033 mg/L)
- MW-9S-R (0.029 mg/L)
- MW-12S (0.050 mg/L)

- MW-15S (0.029 mg/L)
- MW-29S (0.040 mg/L)
- MW-32I (0.11 mg/L)
- MW-41S (0.033 mg/L)
- MW-48S (0.031 mg/L)
- FFFW-2-R (0.39 mg/L)
- MW-TP5S (1.7 mg/L)

Lead concentrations in the shallow zone groundwater are depicted on **Figure 8.** 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, off-site location. This location, as well as other monitoring locations in the northwest portion of the Site, is being affected by off-site source(s) upgradient of this location.

Lead was detected at a concentration that exceeded the Type 1 RRS in the groundwater sample collected from intermediate zone monitoring well MW-7I (0.053 mg/L). Total lead concentrations in the intermediate zone groundwater are depicted on **Figure 8**.

Field-filtered aliquots of the groundwater samples collected from monitoring wells MW-1S-R, MW-7S-R, MW-7I, MW-28S, MW-31S, MW-34I, MW-42S, MW-49S, FFFW-4-R, and MW-TP5I were analyzed for lead. Concentrations of dissolved lead were below the RRS in all field-filtered aliquots except MW-7I (0.053 mg/L).

3.7 NICKEL

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

- MW-6S-R (0.11 mg/L)
- MW-7S-R (0.12 mg/L)
- MW-12S (0.21 mg/L)
- MW-32I (0.13 mg/L)
- FFFW-2-R (0.12 mg/L)
- MW-TP5S (0.63 mg/L)

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

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

Field-filtered aliquots of the groundwater samples collected from monitoring wells MW-1S-R, MW-7S-R, MW-7I, MW-28S, MW-31S, 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 in all field-filtered aliquots except MW-7S-R (0.12 mg/L).

3.8 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-TP5S (0.062 mg/L), which is associated with the former wastewater pond location. Selenium concentrations in the shallow zone groundwater are depicted on **Figure 10**.

Selenium is not a COC in the intermediate zone.

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

3.9 THALLIUM

Thallium was detected at a concentration that exceeded the Type 1 RRS of 0.002 mg/L in the groundwater samples collected from shallow zone monitoring well monitoring well MW-TP5S (0.0039 mg/L). Monitoring well MW-TP5S is associated with the former wastewater pond location. Thallium concentrations in the shallow zone groundwater are depicted on **Figure 11**.

Thallium is not a COC in the intermediate zone.

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

3.10 ZINC

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

- MW-19S (3.6 mg/L)
- MW-42S (3.0 mg/L)

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

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

Field-filtered aliquots of the groundwater samples collected from monitoring wells MW-34I, MW-42S, MW-49S, and MW-TP5I were analyzed for zinc. Concentrations of dissolved zinc were below the Type 1 RRS in all field-filtered aliquots except in MW-42S which had a concentration of 2.8 mg/L.

3.11 PHYSICAL GROUNDWATER QUALITY PARAMETERS

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

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

One or more metals result has been revised in the attached report for the following samples due to a sequencing error in the original batch (320590): MW-TP5S (640-47167-72), DUP-1 (640-47167-74), DUP-2 (640-47167-75), DUP-3 (640-47167-76), DUP-4 (640-47167-77 DUP-5 (640-47167-78), DUP-6 (640-47167-79), DUP-7 (640-47167-80), EQ Blank-1 (640-47167-81), EQ Blank-2 (640-47167-82), EQ Blank-3 (640-47167-83). All affected results have been re-analyzed and reported from analytical batches 323412 and 324017.

Groundwater sample collected from MW-48S (640-47167-60) was received in two 8-ounce soil jars. The sample was transferred to a 250 mL plastic nitric container per client request.

Three equipment blanks (EQ-1, EQ-2 and EQ- 3) were collected during the March 2014 groundwater sampling event. Each equipment blanks was analyzed for the 10 metals of concern. Only barium was detected in EQ-1 at 0.0015 J mg/L.

Seven duplicate samples [DUP-1 (MW-6S-R); DUP-2 (MW-29S); DUP-3 (MW-3S); DUP-4 (MW-TP5S); DUP-5 (MW-13S-R); DUP-6 (MW-12S); and DUP-7 (MW-32I)] were collected during the March 2013 sampling event. Relative percent differences (RPDs) were calculated. A RPD provides an indication of how variable the analytical results are between the original and its duplicate sample. RPD values were within the advisory QC limit of 30 percent for groundwater samples except for the following:

- Barium had a high RPD of 31 when comparing the groundwater results from MW-29S and DUP-2.
- Beryllium had a high RPD of 33 and selenium had a high RPD of 75 when comparing the groundwater results from MW-3S and DUP-3.
- Lead had a high RPD of 75 when comparing the groundwater results from MW-13S-R and DUP-5.
- Cadmium, lead, selenium, and thallium had a high RPD percent, of 94, 46, 87, and 90, respectively, when comparing the groundwater results from MW-12S and DUP-6.
- Cadmium had a high RPD of 33 when comparing the groundwater results from MW-32I and DUP-7.

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

5.1 GROUNDWATER SAMPLING RESULTS

The water level data collected during the March 2014 sampling event indicates that groundwater flow direction within the water-bearing zones of the confining unit beneath the Site remains toward the southeast. Historically, the southeast direction has been the primary groundwater flow direction. **Figure 3** shows the potentiometric surfaces during March 2014 for both the shallow and intermediate water-bearing zones in the upper confining unit of the surficial aquifer.

It appears that the bulk of the concentration mass centers on three wells, MW-32I, FFW-2-R, and MW-TP5S and the near vicinity. The primary constituents are arsenic and lead. Historically, groundwater from monitoring wells at these locations 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.

The analysis results of the following metals from the listed wells have had no detections within the past 6 sampling events.

- Arsenic – MW-1I-R, MW-2I, MW-3I, MW-6I, MW-10I, MW-12I, MW-13S-R, MW-13I, MW-20S, MW-24S, MW-26S, MW-30S, MW-31S, MW-33S, MW-35S, MW-38S, FFFW-2I, MW-TP1S, MW-TP1I, MW-TP3S, and MW-TP4S
- Beryllium – MW-4S and MW-40S
- Cadmium – MW-10S-R and MW-44S
- Lead – MW-22S, MW-42S, MW-43S, and MW-TP1I
- Nickel – MW-10I and MW-37S
- Thallium – MW-18S and MW-40S

5.2 RECOMMENDATIONS

URS recommends that the August 2014 event be the last groundwater sampling event in the VRP. The August 2014 groundwater results will be reported in the Compliance Status Report (March 2015) which will include all the certificate requirements.

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

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Former Farmers Favorite Fertilizer
Moultrie, Georgia

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

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

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

Well No.	MW-1S-R		MW-1I-R		MW-2S		MW-2I		MW-3S		MW-3I		MW-4S		MW-5S-R	
Diameter (in)	2		2		2		2		2		2		2		2	
Well Depth	12		34.5		14		35		14		40		12		14	
Screen Interval	2 - 12		30 - 34.5		4 - 14		30 - 35		4 - 14		35 - 40		2 - 12		4 - 14	
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	
TOC Elevation	295.54		295.48		292.81		293.15		293.05		293.71		287.26		293.27	
Date	**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
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
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
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
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
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
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
5/9/2012	-	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
3/11/2013	289.86	5.68	288.34	7.14	289.74	3.07	287.12	6.03	289.31	3.74	286.30	7.41	285.04	2.22	288.09	5.18
8/19/2013	292.39	3.15	292.40	3.08	292.16	0.65	288.00	5.15	291.60	1.45	287.20	6.51	285.58	1.68	289.66	3.61
3/3/2014	290.73	4.81	288.50	6.98	290.21	2.60	288.26	4.89	288.06	4.99	290.48	3.23	284.98	2.28	288.46	4.81

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

Well No.	MW-6S-R		MW-6I		MW-7S-R		MW-7I		MW-8I		MW-9S-R		MW-10S-R		MW-10I		MW-11S	
Diameter (in)	2		2		2		2		2		2		2		2		2	
Well Depth	14		33		14		49.5		35		14		14		40		12	
Screen Interval	4 - 14		28 - 33		4 - 14		39.5 - 49.5		30 - 35		4 - 14		4 - 14		35 - 40		2 - 12	
Well Head Stick-up	2.90		Flush to Grade		3.05		Flush to Grade		2.92		2.88		2.84		2.73		2.70	
T.O.C. Elevation	300.34		293.41		296.45		295.13		299.94		293.57		290.14		289.67		290.97	
Date	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**
11/7/2006	293.92	6.42	287.20	6.21	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
8/24/2009	293.90	6.44	287.23	6.18	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
2/22/2010	295.35	4.99	288.49	4.92	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
8/23/2010	293.81	6.53	287.67	5.74	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
2/21/2011	294.06	6.28	287.71	5.70	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
8/22/2011	293.43	6.91	286.79	6.62	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
3/12/2012	294.31	6.03	287.91	5.50	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
5/9/2012	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM
8/20/2012	294.15	6.19	288.08	5.33	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
3/11/2013	294.07	6.27	288.12	5.29	289.58	6.87	286.41	8.72	288.51	11.43	287.98	5.59	283.80	6.34	283.95	5.72	286.47	4.50
8/19/2013	296.76	3.58	289.07	4.34	291.44	5.01	287.60	7.53	289.42	10.52	289.15	4.42	285.47	4.67	284.37	5.30	288.16	2.81
3/3/2014	294.96	5.38	288.26	5.15	290.92	5.53	286.52	8.61	288.66	11.28	288.14	5.43	284.06	6.08	283.07	6.60	286.77	4.20

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

Well No.	MW-12S		MW-12I		MW-13S-R		MW-13I		MW-15S		MW-18S		MW-19S		MW-20S		MW-21S	
Diameter (in)	2		2		2		2		2		2		2		2		2	
Well Depth	25		38		14		54		20		13		13		15		20	
Screen Interval	15 - 25		33.5 - 38		4 - 14		44 - 54		10 - 20		3 - 13		3 - 13		5 - 15		5 - 20	
Well Head Stick-up	Flush to Grade		Flush to Grade		3.06		Flush to Grade		Flush to Grade		Flush to Grade		3.04		Flush to Grade		Flush to Grade	
T.O.C. Elevation	295.61		295.68		292.49		299.29		295.38		285.48		287.75		284.58		288.67	
Date	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**
11/7/2006	285.08	10.53	285.22	10.46	NM	6.33	284.77	14.52	285.92	9.46	283.82	1.66	NM	0.68	280.80	3.78	284.86	3.81
8/24/2009	285.24	10.37	285.26	10.42	NM	5.72	284.89	14.40	285.97	9.41	284.06	1.42	NM	1.24	282.02	2.56	285.36	3.31
2/22/2010	286.71	8.90	286.24	9.44	288.69	3.80	285.94	13.35	287.15	8.23	284.98	0.50	284.61	3.14	283.88	0.70	285.72	2.95
8/23/2010	285.50	10.11	285.55	10.13	287.09	5.40	285.15	14.14	286.26	9.12	284.58	0.90	284.03	3.72	282.98	1.60	285.38	3.29
2/21/2011	285.40	10.21	285.59	10.09	287.60	4.89	284.69	14.60	286.23	9.15	284.23	1.25	283.13	4.62	283.70	0.88	285.27	3.40
8/22/2011	284.69	10.92	284.69	10.99	286.29	6.20	284.27	15.02	-	NM	283.62	1.86	282.65	5.10	281.08	3.50	284.54	4.13
3/12/2012	285.59	10.02	285.77	9.91	287.87	4.62	285.36	13.93	286.48	8.90	284.28	1.20	283.31	4.44	283.54	1.04	285.49	3.18
5/9/2012	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM
8/20/2012	285.83	9.78	285.96	9.72	287.75	4.74	285.51	13.78	286.47	8.91	284.67	0.81	283.87	3.88	283.11	1.47	285.80	2.87
3/11/2013	285.88	9.73	286.02	9.66	288.14	4.35	285.73	13.56	286.75	8.63	284.46	1.02	283.48	4.27	283.48	1.10	285.67	3.00
8/19/2013	286.87	8.74	286.90	8.78	289.15	3.34	286.44	12.85	287.68	7.70	285.51	-0.03	284.76	2.99	284.33	0.25	287.51	1.16
3/3/2014	285.92	9.69	286.17	9.51	288.24	4.25	287.72	11.57	286.65	8.73	284.79	0.69	283.78	3.97	283.57	1.01	287.28	1.39

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

Well No.	MW-22S		MW-23S		MW-24S		MW-25S		MW-26S		MW-27S-R		MW-28S		MW-29S		MW-30S	
Diameter (in)	2		2		2		2		2		2		2		2		2	
Well Depth	16.5		32.25		30.75		15.25		20		14		26		29		39	
Screen Interval	6.5 - 16.5		22.25 - 32.25		20.75 - 30.75		5.25 - 15.25		5 - 20		4 - 14		16 - 26		19 - 29		18.5 - 38.5	
Well Head Stick-up	Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade		2.95		Flush to Grade		Flush to Grade		Flush to Grade	
T.O.C. Elevation	283.99		289.45		286.00		280.47		286.60		292.13		301.26		299.96		302.44	
Date	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**
11/7/2006	280.69	3.30	273.87	15.58	272.80	13.20	271.48	8.99	275.95	10.65	285.45	6.68	-	NM	288.15	11.81	289.16	13.28
8/24/2009	280.82	3.17	273.66	15.79	272.52	13.48	271.19	9.28	276.19	10.41	285.72	6.41	289.18	12.08	288.36	11.60	289.61	12.83
2/22/2010	281.87	2.12	277.55	11.90	273.74	12.26	275.84	4.63	278.34	8.26	288.98	3.15	-	NM	290.65	9.31	291.91	10.53
8/23/2010	280.69	3.30	274.20	15.25	272.79	13.21	271.62	8.85	276.79	9.81	286.29	5.84	289.73	11.53	288.88	11.08	290.19	12.25
2/21/2011	280.76	3.23	275.20	14.25	273.04	12.96	274.15	6.32	277.28	9.32	287.36	4.77	290.33	10.93	289.52	10.44	290.75	11.69
8/22/2011	280.35	3.64	271.01	18.44	272.56	13.44	268.49	11.98	275.50	11.10	284.85	7.28	288.45	12.81	287.62	12.34	288.88	13.56
3/12/2012	280.78	3.21	275.59	13.86	273.20	12.80	275.13	5.34	277.57	9.03	287.74	4.39	291.15	10.11	290.26	9.70	291.63	10.81
5/9/2012	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM
8/20/2012	280.39	3.60	274.59	14.86	273.00	13.00	273.62	6.85	277.17	9.43	287.27	4.86	291.24	10.02	290.20	9.76	291.63	10.81
3/11/2013	280.61	3.38	276.47	12.98	273.28	12.72	275.80	4.67	278.05	8.55	288.05	4.08	291.23	10.03	290.35	9.61	291.71	10.73
8/19/2013	282.36	1.63	276.50	12.95	273.59	12.41	276.97	3.50	283.58	3.02	289.10	3.03	292.96	8.30	292.06	7.90	293.48	8.96
3/3/2014	280.82	3.17	276.42	13.03	273.22	12.78	275.54	4.93	277.91	8.69	288.13	4.00	291.54	9.72	290.63	9.33	292.02	10.42

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

Well No.	MW-31S		MW-32S-R		MW-32I		MW-33S		MW-34S		MW-34I		MW-35S		MW-36S		MW-37S	
Diameter (in)	2		2		2		2		2		2		2		2		2	
Well Depth	39.5		13		27		27		14.5		43		25		14		16	
Screen Interval	19.5 - 39.5		3 - 13		22 - 27		17 - 27		4.5 - 14.5		38 - 43		15 - 25		4 - 14		6 - 16	
Well Head Stick-up	Flush to Grade		2.91		2.79		Flush to Grade		Flush to Grade		2.95		Flush to Grade		2.58		2.57	
T.O.C. Elevation	297.52		296.56		296.39		280.45		284.66		287.49		300.51		293.18		292.56	
Date	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**
11/7/2006	286.06	11.46	NI		NI		-	NM	280.84	3.82	NI		288.68	11.83	287.09	6.09	286.36	6.20
8/24/2009	286.43	11.09	NI		NI		272.00	8.45	281.65	3.01	NI		288.86	11.65	287.18	6.00	286.69	5.87
2/22/2010	287.21	10.31	291.24	5.32	287.48	8.91	272.89	7.56	281.99	2.67	283.65	3.84	291.12	9.39	288.75	4.43	289.24	3.32
8/23/2010	286.44	11.08	291.39	5.17	286.80	9.59	272.18	8.27	281.85	2.81	282.44	5.05	289.41	11.10	287.41	5.77	287.03	5.53
2/21/2011	286.55	10.97	290.72	5.84	286.80	9.59	272.34	8.11	281.72	2.94	282.73	4.76	290.00	10.51	287.78	5.40	287.75	4.81
8/22/2011	285.66	11.86	290.41	6.15	286.01	10.38	Not Found		281.01	3.65	281.15	6.34	288.12	12.39	286.68	6.50	285.48	7.08
3/12/2012	286.52	11.00	291.13	5.43	286.96	9.43	272.50	7.95	281.85	2.81	282.98	4.51	291.07	9.44	287.97	5.21	288.27	4.29
5/9/2012	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM
8/20/2012	286.64	10.88	291.72	4.84	287.13	9.26	272.38	8.07	281.93	2.73	282.86	4.63	290.75	9.76	288.04	5.14	287.91	4.65
3/11/2013	286.88	10.64	291.36	5.20	287.21	9.18	272.52	7.93	281.87	2.79	283.34	4.15	290.86	9.65	288.13	5.05	288.64	3.92
8/19/2013	287.91	9.61	292.93	3.63	288.08	8.31	272.75	7.70	282.52	2.14	283.73	3.76	292.63	7.88	289.55	3.63	289.69	2.87
3/3/2014	286.11	11.41	291.62	4.94	287.34	9.05	272.42	8.03	282.05	2.61	283.46	4.03	291.18	9.33	288.33	4.85	288.68	3.88

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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-38S		MW-39S		MW-40S		MW-41S		MW-42S		MW-43S		MW-44S		MW-45S		MW-46S	
Diameter (in)	2		2		2		2		2		2		2		2		2	
Well Depth	16		16		35		30		15		15		20		20		15	
Screen Interval	6 - 16		6 - 16		25 - 35		20 - 30		5 - 15		5 - 15		10 - 20		10 - 20		5 - 15	
Well Head Stick-up	3.11		2.70		Flush to Grade		Flush to Grade		Flush to Grade		3.09		3.09		2.76		Flush to Grade	
T.O.C. Elevation	292.92		293.35		298.42		290.39		289.97		288.34		290.44		287.47		282.48	
Date	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**
11/7/2006	284.70	8.22	287.28	6.07	NI		NI		NI		NI		NI		NI		NI	
8/24/2009	285.22	7.70	287.29	6.06	NI		NI		NI		NI		NI		NI		NI	
2/22/2010	289.62	3.30	288.15	5.20	290.21	8.21	287.28	3.11	287.56	2.41	284.50	3.84	282.94	7.50	NI		278.73	3.75
8/23/2010	286.23	6.69	287.49	5.86	289.80	8.62	286.67	3.72	287.08	2.89	284.58	3.76	282.99	7.45	NI		277.83	4.65
2/21/2011	287.37	5.55	287.46	5.89	289.57	8.85	286.63	3.76	286.57	3.40	284.03	4.31	282.78	7.66	NI		278.15	4.33
8/22/2011	281.22	11.70	286.65	6.70	289.13	9.29	285.89	4.50	286.45	3.52	283.09	5.25	282.50	7.94	Installed 8/23/11		276.72	5.76
3/12/2012	288.26	4.66	287.65	5.70	290.05	8.37	286.59	3.80	287.37	2.60	283.67	4.67	283.08	7.36	278.10	9.37	278.49	3.99
5/9/2012	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM
8/20/2012	287.21	5.71	287.87	5.48	290.22	8.20	286.97	3.42	287.30	2.67	283.92	4.42	283.32	7.12	278.02	9.45	278.07	4.41
3/11/2013	288.88	4.04	287.85	5.50	290.20	8.22	287.06	3.33	287.46	2.51	283.65	4.69	282.75	7.69	278.27	9.20	278.48	4.00
8/19/2013	289.64	3.28	288.86	4.49	291.08	7.34	287.88	2.51	289.14	0.83	285.04	3.30	284.66	5.78	278.84	8.63	279.31	3.17
3/3/2014	288.73	4.19	287.04	6.31	290.35	8.07	287.13	3.26	287.95	2.02	284.19	4.15	282.95	7.49	278.60	8.87	278.68	3.80

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

Well No.	MW-47S		MW-48S		MW-49S		FFFW-1		FFFW-1-R		FFFW-2		FFFW-2-R		FFFW-2I		FFFW-3		FFFW-3-R	
Diameter (in)	2		2		2		2		2		2		2		2		2		2	
Well Depth	32		30		34		18		12		27		27		50		11.3		14	
Screen Interval	22 - 32		20 - 30		24 - 34		Unknown		2 - 12		Unknown		17 - 27		45 - 50		Unknown		4 - 14	
Well Head Stick-up	Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade		2.86		Flush to Grade		2.38		3.25		Flush to Grade		3.00	
T.O.C. Elevation	293.11		302.38		293.19		284.96		286.36		288.59		292.05		292.97		285.90		288.06	
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	NI		-	NM	274.69	17.36	NI		278.87	7.03	NI	
8/24/2009	NI		NI		NI		280.02	4.94	NI		-	NM	274.78	17.27	NI		277.67	8.23	NI	
2/22/2010	275.67	17.44	NI		NI		-	NM	NI		-	NM	275.63	16.42	276.12	16.85	-	NM	NI	
8/23/2010	274.73	18.38	NI		NI		-	NM	NI		-	NM	274.68	17.37	275.09	17.88	-	NM	NI	
2/21/2011	274.97	18.14	NI		NI		-	NM	NI		-	NM	274.92	17.13	275.37	17.60	-	NM	NI	
8/22/2011	274.44	18.67	NI		NI		Abandoned		Installed 8/23/11		Abandoned		274.50	17.55	274.65	18.32	Abandoned		Installed 8/23/11	
3/12/2012	275.12	17.99	Installed 03/23/12		Installed 03/23/12		Abandoned		280.39	5.97	Abandoned		275.05	17.00	275.53	17.44	Abandoned		281.65	6.41
5/9/2012	-	NM	289.36	13.02	288.34	4.85	Abandoned		-	NM	Abandoned		-	NM	-	NM	Abandoned		-	NM
8/20/2012	274.91	18.20	291.73	10.65	289.29	3.90	Abandoned		280.01	6.35	Abandoned		274.88	17.17	275.34	17.63	Abandoned		281.70	6.36
3/11/2013	275.20	17.91	291.95	10.43	289.29	3.90	Abandoned		280.30	6.06	Abandoned		275.14	16.91	275.67	17.30	Abandoned		281.57	6.49
8/19/2013	275.52	17.59	293.92	8.46	289.51	3.68	Abandoned		281.53	4.83	Abandoned		275.51	16.54	276.02	16.95	Abandoned		283.99	4.07
3/3/2014	275.16	17.95	292.29	10.09	290.40	2.79	Abandoned		280.44	5.92	Abandoned		275.10	16.95	275.61	17.36	Abandoned		282.15	5.91

Notes:
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in = Inches
Elev. = Elevation
DTW = Depth To Water
TOC = Top Of Casing
NM = Not Measured
NA = Not Available
NI = Not Installed

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

Well No.	FFFW-4		FFFW-4-R		MW-TP1S		MW-TP1I		MW-TP2S		MW-TP3S		MW-TP4S		MW-TP5S		MW-TP5I	
Diameter (in)	2		2		2		2		2		2		2		2		2	
Well Depth	32.1		14		20		48		20		20		25		25		50	
Screen Interval			4 - 14		10 - 20		43 - 48		10 - 20		10 - 20		15 - 25		15 - 25		45 - 50	
Well Head Stick-up	Flush to Grade		2.81		Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade		3.06	
T.O.C. Elevation	284.03		286.39		284.24		284.49		278.29		278.71		287.38		288.33		291.52	
Date	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**
11/7/2006	275.22	8.81	NI		272.50	11.74	273.15	11.34	270.72	7.57	270.67	8.04	272.76	14.62	276.63	11.70	NI	
8/24/2009	275.50	8.53	NI		272.26	11.98	272.94	11.55	270.21	8.08	270.06	8.65	272.49	14.89	276.76	11.57	NI	
2/22/2010	-	NM	NI		273.27	10.97	274.26	10.23	273.39	4.90	275.71	3.00	273.67	13.71	279.31	9.02	276.34	15.18
8/23/2010	-	NM	NI		272.46	11.78	273.24	11.25	271.14	7.15	271.04	7.67	272.74	14.64	277.03	11.30	275.41	16.11
2/21/2011	-	NM	NI		272.66	11.58	273.49	11.00	272.63	5.66	273.80	4.91	272.98	14.40	277.81	10.52	275.72	15.80
8/22/2011	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	276.58	11.75	274.92	16.60
3/12/2012	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	278.09	10.24	275.90	15.62
5/9/2012	Abandoned		-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM
8/20/2012	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	278.10	10.23	275.69	15.83
3/11/2013	Abandoned		277.43	8.96	272.82	11.42	273.80	10.69	273.52	4.77	275.66	3.05	273.21	14.17	278.63	9.70	276.03	15.49
8/19/2013	Abandoned		280.31	6.08	273.08	11.16	274.16	10.33	275.31	2.98	277.34	1.37	273.51	13.87	279.11	9.22	276.41	15.11
3/3/2014	Abandoned		277.65	8.74	272.75	11.49	273.75	10.74	273.37	4.92	275.29	3.42	273.14	14.24	277.69	10.64	275.97	15.55

Notes:
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in = Inches
Elev. = Elevation
DTW = Depth To Water
TOC = Top Of Casing

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

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 (mV)	Turbidity (NTUs)
MW-1S-R	01/26/99	4.53	NM	2620	NM	NM	26
	05/09/00	3.58	NM	2330	NM	NM	4.87
	11/13/01	3.44	NM	1579	NM	NM	81.3
	12/22/02	3.98	NM	1099	NM	NM	198
	06/18/03	4.27	NM	1673	NM	NM	550
	08/27/09	5.92	25.78	803	0.43	64	57
	08/31/10	6.17	28.48	550	0.99	80	5.1
	03/02/11	6.58	14.81	455	4.26	89	16.3
	08/25/11	6.70	34.50	830	0.70	-14.5	1.40
	03/14/12	6.57	19.07	476	4.30	28.5	18.1
	08/23/12	6.28	26.88	526	0.40	26.8	10.7
	03/12/13	6.41	16.18	356	4.22	101.0	13.3
	08/21/13	6.96	28.49	203	3.58	-38.2	9.3
	03/10/14	7.15	16.53	224	6.25	-3.4	25.1
MW-1I-R	01/26/99	5.31	NM	277	NM	NM	19.3
	05/09/00	5.38	NM	144.5	NM	NM	2.27
	11/13/01	4.87	NM	148	NM	NM	1.81
	12/23/02	4.74	NM	127.3	NM	NM	0.47
	06/18/03	5.28	NM	199.9	NM	NM	1.2
	08/27/09	4.21	22.35	154	0.08	90	1
	08/31/10	4.96	26.08	143	0.62	169	0.3
	03/02/11	4.64	17.77	162	0.79	306	1.4
	08/25/11	4.84	25.38	148	3.54	87.0	0.22
	03/13/12	4.49	21.54	155	0.28	71.0	0.34
	08/23/12	4.45	23.00	151	0.12	309.9	0.18
	03/12/13	4.55	20.67	147	0.50	180.7	0.26
	08/22/13	4.64	23.25	140	0.56	-65.9	0.62
	03/10/14	4.73	19.96	140	0.32	-11.4	2.68
MW-2S	01/26/99	3.82	NM	1150	NM	NM	15
	05/08/00	3.76	NM	879	NM	NM	3.9
	11/12/01	3.5	NM	892	NM	NM	310
	12/23/01	3.9	NM	865	NM	NM	0.02
	06/18/03	3.74	NM	884	NM	NM	2.9
	08/28/09	3.49	22.85	784	2.98	251	1.9
	08/31/10	3.77	24.13	615	3.22	278	1.3
	03/01/11	3.91	15.73	722	7.02	466	1.1
	08/25/11	4.19	26.29	524	3.04	162.1	8.20
	03/13/12	3.86	17.94	750	3.88	426.7	0.78
	08/23/12	3.64	23.36	632	2.18	451.2	0.23
	03/12/13	3.90	16.08	644	5.86	136.1	0.58
	08/20/13	3.96	24.58	563	1.80	200.4	0.41
	03/04/14	3.91	13.68	620	5.58	67.5	0.36

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 (mV)	Turbidity (NTUs)
MW-2I	01/26/99	5.28	NM	166	NM	NM	5.7
	05/08/00	4.75	NM	125.8	NM	NM	2.46
	11/12/01	4.48	NM	177.4	NM	NM	1.55
	12/23/02	4.85	NM	108	NM	NM	1.19
	06/18/03	3.74	NM	884	NM	NM	2.9
	08/28/09	4.05	21.08	142	0.61	141	1
	08/31/10	4.63	32.32	130	0.55	201	0.2
	03/01/11	4.71	18.98	139	1.02	377	1.6
	08/25/11	4.89	20.83	124	0.83	110.2	4.75
	03/13/12	4.52	19.90	121	0.22	297.5	1.00
	08/23/12	4.29	20.27	137	0.30	154.8	0.99
	03/12/13	4.56	19.56	131	0.50	80.9	1.81
	08/23/13	4.17	21.81	131	0.53	-1.0	0.88
	03/04/14	4.64	16.01	126	0.77	10.3	2.40
MW-3S	01/26/99	3.61	NM	4100	NM	NM	3.3
	05/08/00	3.21	NM	5140	NM	NM	1.49
	11/13/01	3.11	NM	6470	NM	NM	9.9
	12/23/02	3.15	NM	5784	NM	NM	17
	06/18/03	3.19	NM	5040	NM	NM	4
	08/28/09	3.16	23.39	5447	0.18	454	1.0
	08/31/10	3.55	25.55	5340	1.59	464	3.3
	03/02/11	3.35	19.81	5413	0.93	432	3.3
	08/25/11	3.23	25.47	3809	0.53	459.1	0.53
	03/14/12	3.37	21.81	4514	0.66	443.7	2.86
	08/22/12	2.98	24.98	5124	0.95	437.0	3.25
	03/15/13	3.15	19.32	5046	0.28	308.7	0.91
	08/22/13	3.99	26.06	1061	7.85	176.1	2.82
	03/05/14	3.11	14.30	1661	1.39	165.3	1.28
MW-3I	01/26/99	4.99	NM	261	NM	NM	177
	05/08/00	4.85	NM	160.9	NM	NM	3.87
	11/13/01	4.36	NM	176	NM	NM	1.06
	12/23/02	4.72	NM	139.1	NM	NM	0.23
	06/18/03	4.65	NM	187	NM	NM	3.2
	08/28/09	4.37	22.85	180	0.22	86	24.7
	08/31/10	4.98	24.07	160	0.50	174	0.8
	03/02/11	4.77	18.43	168	1.03	283	32.1
	08/25/11	4.74	22.66	167	0.51	285.0	1.12
	03/14/12	4.55	22.54	232	0.15	186.9	1.27
	08/22/12	4.54	23.03	190	0.08	247.2	3.77
	03/15/13	4.71	21.12	219	0.17	87.7	1.12
	08/28/13	5.24	23.89	317	0.43	-96.1	1.36
	03/04/14	4.26	17.37	153	0.25	23.6	3.14

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 (mV)	Turbidity (NTUs)
MW-4S	01/26/99	6.43	NM	7700	NM	NM	14.9
	05/09/00	4.38	NM	817	NM	NM	4.62
	11/14/01	4.14	NM	675	NM	NM	1.42
	12/22/02	5.29	NM	859	NM	NM	12
	06/19/03	4.69	NM	2720	NM	NM	1
	08/28/09	4.59	27.98	7891	0.88	161	21.8
	08/25/10	5.27	29.83	3603	2.18	201	8.5
	02/23/11	6.04	18.29	4489	2.26	188	2.9
	08/30/11	5.88	31.33	8186	0.49	147.6	1.62
	03/15/12	5.40	22.22	4483	0.15	86.9	2.13
	08/25/12	6.00	29.98	15669	0.20	242.4	1.75
	03/14/13	6.30	19.04	10880	0.44	208.7	4.39
	08/28/13	5.87	30.73	2337	0.34	172.8	2.22
	03/05/14	5.81	17.74	11195	0.98	251	2.95
MW-5S-R	01/26/99	5.78	NM	283	NM	NM	28
	05/09/00	5.95	NM	561	NM	NM	0.81
	11/13/01	4.98	NM	186	NM	NM	33
	12/22/02	5.57	NM	587	NM	NM	1.32
	06/18/03	5.19	NM	511	NM	NM	3.8
	08/27/09	4.01	26.05	2367	0.12	198	15.7
	08/31/10	5.82	27.49	1368	0.99	-60	94.6
	03/01/11	6.11	15.49	968	2.00	23	113.0
	08/29/11	4.09	29.65	2497	0.14	277.9	2.91
	03/14/12	5.52	19.69	1018	0.78	-1.6	121
	08/22/12	6.20	26.35	990	0.44	5.5	48.4
	03/13/13	6.34	17.14	874	0.90	17.2	31.6
	08/21/13	7.02	27.38	445	0.30	-53.4	0.85
	03/10/14	7.01	15.51	570	2.19	-21.5	3.70
MW-6S-R	01/26/99	2.83	NM	4800	NM	NM	4
	05/08/00	3.06	NM	5000	NM	NM	1.16
	11/13/01	3.28	NM	7360	NM	NM	1.62
	12/22/02	3.22	NM	6899	NM	NM	10
	06/18/03	3.82	NM	5950	NM	NM	1
	08/26/09	3.30	25.95	7905	0.12	273	8.7
	08/31/10	3.45	26.26	7586	1.12	285	0.6
	03/01/11	3.38	16.54	4577	0.78	329	1.9
	08/25/11	3.48	30.20	6452	1.15	298.1	0.58
	03/13/12	3.22	18.69	4306	0.17	357.0	0.49
	08/22/12	3.12	26.43	7204	0.64	246.1	1.39
	03/12/13	3.51	16.42	2845	0.62	318.1	0.87
	08/22/13	3.81	27.26	1410	0.24	270.2	0.48
	03/04/14	3.29	11.70	2581	0.30	236.1	0.80

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 (mV)	Turbidity (NTUs)
MW-6I	05/09/00	5.22	NM	363	NM	NM	1.34
	11/13/01	4.46	NM	244	NM	NM	0.78
	06/18/03	4.4	NM	336	NM	NM	3.8
	08/27/09	4.30	22.88	245	0.09	115	6.0
	08/31/10	5.14	24.01	194	0.47	169	0.9
	03/02/11	4.91	21.05	203	0.28	220	4.7
	08/25/11	5.00	23.69	201	4.91	119.9	2.53
	03/14/12	4.76	22.49	225	0.09	267.7	0.86
	08/23/12	4.47	23.61	217	0.12	299.9	1.40
	03/13/13	4.75	21.89	207	0.20	156.6	0.83
	08/23/13	6.32	23.74	1029	1.90	-47.1	2.84
	03/11/14	4.81	20.37	195	0.27	28.2	2.38
MW-7S-R	01/26/99	3.97	NM	5040	NM	NM	27
	05/0900	4	NM	3570	NM	NM	4.62
	11/12/01	4.11	NM	3100	NM	NM	4.14
	12/23/02	5.32	NM	1721	NM	NM	2.13
	06/18/03	5.01	NM	3000	NM	NM	2.9
	09/01/09	2.98	26.10	3124	0.58	448	3.0
	09/01/10	3.01	26.08	2708	1.65	411	130.0
	03/01/11	3.87	16.07	2259	2.87	368	19.8
	08/29/11	3.04	27.00	3592	1.34	368.3	51.2
	03/13/12	3.82	20.82	2177	0.78	296.6	18.2
	08/22/12	3.19	26.47	2396	0.29	388.5	38.5
	03/12/13	3.20	16.45	2618	0.81	366.4	26.8
	08/20/13	3.24	26.34	2437	0.21	366.8	17.0
	03/05/14	2.46	13.88	2434	0.24	353	31.2
MW-7I	05/08/00	10	NM	596	NM	NM	2.46
	11/13/01	4.72	NM	475	NM	NM	4.8
	12/22/01	4.63	NM	735	NM	NM	2.6
	06/19/03	4.48	NM	798	NM	NM	2.1
	08/26/09	4.00	21.65	1041	0.10	114	1.8
	08/25/10	10.70	23.75	442	2.70	109	1.3
	02/23/11	4.04	20.74	1051	0.47	202	8.5
	08/23/11	4.35	22.60	871	0.49	146.2	1.25
	03/14/12	3.97	20.86	901	0.18	366.0	0.65
	08/23/12	3.94	21.67	769	0.47	245.5	1.89
	03/12/13	3.92	20.56	978	0.41	234.6	2.22
	08/27/13	5.26	22.16	744	1.02	39.2	3.95
	03/11/14	4.14	20.14	972	0.16	159.1	15.4
MW-8S	01/26/99	3.58	NM	1510	NM	NM	90
	05/09/00	3.61	NM	1219	NM	NM	4.64
	11/13/01	3.49	NM	1232	NM	NM	115
	12/23/02	3.47	NM	1572	NM	NM	208
	06/18/03	3.49	NM	1715	NM	NM	4.89

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 (mV)	Turbidity (NTUs)
MW-8I	08/31/10	4.46	23.65	248	1.48	135	0.4
	03/01/11	4.46	19.89	203	0.49	361	7.8
	08/25/11	4.51	22.91	169	0.74	141.3	0.64
	03/13/12	4.26	21.02	184	0.28	324.2	1.51
	08/22/12	4.17	23.34	301	0.21	103.5	1.02
	03/12/13	4.15	20.02	275	0.62	89.3	0.68
	08/22/13	4.62	22.44	271	0.39	-36.1	0.59
	03/04/14	3.70	14.86	231	0.44	41.2	1.49
MW-9S-R	0126/99	5.61	NM	3280	NM	NM	4.2
	05/09/00	5.71	NM	266	NM	NM	4.86
	11/12/01	4.33	NM	231	NM	NM	4.75
	12/23/02	4.93	NM	186.6	NM	NM	1.02
	06/18/03	5.07	NM	247	NM	NM	2.1
	08/26/09	4.35	22.81	1331	0.13	124	1.2
	09/01/10	4.32	22.51	1233	0.93	366	1.5
	03/01/11	4.45	17.92	1274	0.38	246	1.6
	08/29/11	4.53	25.37	1337	0.19	256.5	0.10
	03/13/12	4.53	18.83	1089	0.17	252.7	0.55
	08/22/12	4.14	21.84	1177	0.23	157.3	1.71
	03/12/13	4.52	18.40	1165	0.32	162.1	1.23
	08/20/13	5.60	25.56	610	0.18	-17.7	0.70
	03/05/14	4.25	16.41	1074	0.14	-35.6	0.37
MW-10S-R	01/26/99	4.97	NM	1290	NM	NM	7.8
	05/09/00	5.29	NM	171.4	NM	NM	3.92
	11/13/01	5.58	NM	192	NM	NM	5.5
	12/22/02	6.11	NM	640	NM	NM	1.26
	06/18/03	5.95	NM	583	NM	NM	0.2
	08/27/09	5.02	23.99	213	0.38	73	2.0
	08/31/10	5.63	25.13	214	1.00	-16	2.6
	03/01/11	6.04	14.94	214	0.89	100	1.7
	08/25/11	4.91	26.31	164	0.34	181.2	0.51
	03/14/12	6.00	18.72	293	0.18	64.2	7.46
	08/22/12	5.29	24.82	195	0.10	180.7	3.51
	03/13/13	5.33	16.76	180	0.51	105.2	4.57
	08/21/13	6.61	24.75	322	0.25	-35.5	1.80
	03/10/14	6.10	18.83	223	0.25	-14.7	4.01
MW-10I	08/27/09	5.69	22.37	114	0.33	-31	4.8
	08/31/10	6.11	23.57	105	0.27	-121	0.7
	03/01/11	6.02	17.88	86	0.77	-29	4.0
	08/25/11	6.00	24.48	91	3.68	79.1	3.00
	03/14/12	5.72	20.73	82	0.67	55.9	1.64
	08/22/12	5.66	23.25	96	0.31	67.6	6.88
	03/13/13	5.68	19.49	80	0.87	79.7	2.17
	08/22/13	5.88	22.22	85	0.55	-136.9	1.87
	03/10/14	5.80	20.04	81	0.19	-5.8	4.12

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 (mV)	Turbidity (NTUs)
MW-11S	03/04/99	6.82	NM	829	NM	NM	61.1
	05/09/00	7.29	NM	594	NM	NM	2.79
	11/13/01	6.66	NM	452	NM	NM	595
	12/23/02	7.17	NM	520	NM	NM	13.9
	06/18/03	7.11	NM	557	NM	NM	30
	08/27/09	6.13	23.30	1338	0.60	-30	75.0
	08/31/10	6.75	24.11	1135	2.26	-99	197.0
	03/01/11	6.75	14.51	1206	7.22	-80	34.1
	08/24/11	6.58	23.55	1133	0.48	78.7	55.1
	03/13/12	6.61	20.35	1457	0.75	-26.5	1.78
	08/22/12	6.61	23.65	1774	0.93	-71.5	55.4
	03/13/13	6.56	16.15	1466	0.34	5.2	1.82
	08/21/13	7.25	24.16	811	0.25	-72.5	1.71
	03/07/14	7.16	10.06	761	2.71	-71.8	4.08
MW-12S	05/09/00	3.69	NM	10110	NM	NM	3.69
	11/13/01	3.34	NM	6550	NM	NM	62.5
	12/22/02	3.53	NM	4710	NM	NM	10.53
	06/19/03	3.57	NM	5200	NM	NM	25.1
	08/25/09	3.40	23.22	8086	0.13	200	15.8
	08/25/10	3.08	23.07	2478	0.39	496	4.3
	02/23/11	3.50	22.47	7482	0.69	307	1.2
	08/26/11	3.54	23.88	8770	0.22	283.0	0.07
	03/15/12	3.39	23.30	8932	0.09	381.5	1.38
	08/23/12	3.33	22.80	8684	0.15	383.0	2.67
	03/13/13	3.27	20.95	7951	0.25	291.7	0.86
	08/20/13	3.55	23.06	8752	0.13	235.0	9.18
	03/11/14	3.18	21.90	8889	0.26	286.3	7.30
MW-12I	03/04/99	4.98	NM	359	NM	NM	27.8
	05/09/00	4.75	NM	312	NM	NM	2.41
	11/13/01	4.71	NM	207	NM	NM	1.9
	12/22/02	4.5	NM	302	NM	NM	1.61
	06/19/03	4.69	NM	289	NM	NM	1.09
	08/25/09	4.05	24.11	431	0.22	112	1.1
	08/25/10	4.11	24.27	417	0.90	394	13.6
	02/23/11	4.38	22.36	396	0.60	165	5.5
	08/26/11	3.83	22.33	362	1.25	220.3	1.49
	03/15/12	4.34	22.65	387	0.19	268.9	2.10
	08/23/12	4.15	22.44	375	0.18	232.2	1.75
	03/13/13	4.20	21.34	382	0.22	185.5	0.91
	08/20/13	4.60	22.97	395	0.25	155.5	2.64
	03/11/14	4.06	21.72	406	0.52	208	0.73

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 (mV)	Turbidity (NTUs)
MW-13S-R	05/09/00	7.19	NM	2410	NM	NM	3.88
	11/13/01	6.74	NM	1053	NM	NM	20.5
	12/22/02	6.73	NM	774	NM	NM	4.29
	06/18/03	6.46	NM	624	NM	NM	4
	08/26/09	5.84	22.09	588	0.12	108	5.4
	09/01/10	6.03	22.60	484	0.21	48	1.0
	03/01/11	5.84	18.62	418	0.35	100	2.4
	08/29/11	5.62	25.14	453	0.10	146.1	0.83
	03/13/12	5.87	20.37	537	0.13	143.9	0.50
	08/22/12	5.69	21.78	593	0.08	159.6	14.3
	03/13/13	5.99	17.30	566	0.34	110.6	0.95
	08/20/13	5.86	23.18	634	0.21	-59.6	0.47
	03/07/14	6.32	15.07	607	0.24	-63.8	2.50
MW-13I	06/20/03	11.01	NM	522	NM	NM	4
	08/25/09	8.38	25.06	109	5.58	58	1.3
	08/24/10	7.71	29.40	85	6.39	127	0.6
	02/22/11	8.16	23.64	86	6.28	98	1.3
	08/23/11	7.91	26.57	85	4.84	39.4	0.47
	03/14/12	7.46	23.59	91	4.30	23.5	1.53
	08/23/12	8.16	23.76	87	5.16	158.5	2.18
	03/13/13	7.41	22.05	89	5.83	13.5	2.06
	08/20/13	6.57	24.09	133	0.17	104.0	3.40
	03/10/14	6.43	23.83	371	0.28	155	1.04
MW-14S	05/09/00	5.25	NM	991	NM	NM	2.19
	11/13/01	4.27	NM	824	NM	NM	6.8
	12/22/02	5.32	NM	623	NM	NM	3.15
	06/18/03	4.88	NM	579	NM	NM	0.6
MW-15S	05/08/00	4	NM	749	NM	NM	1.34
	11/13/01	3.69	NM	790	NM	NM	186
	12/22/02	3.84	NM	1102	NM	NM	6.79
	06/19/03	3.87	NM	1234	NM	NM	2.9
	08/25/09	3.64	21.53	1466	0.10	358	1.1
	08/25/10	3.65	22.74	1331	1.25	355	0.4
	02/23/11	3.67	19.59	1520	0.26	382	0.5
	08/24/11	3.89	22.64	1338	0.13	297.8	0.05
	03/14/12	3.66	20.15	1595	0.06	283.9	0.28
	08/23/12	3.57	21.87	1608	0.34	322.7	0.73
	03/13/13	3.55	19.44	1569	0.22	284.0	0.32
	08/27/13	3.62	22.21	1683	0.26	341.1	0.58
	03/11/14	3.68	18.82	1570	0.12	362.5	2.00

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 (mV)	Turbidity (NTUs)
MW-16S	08/07/00	4.13	NM	1092	NM	NM	1.53
	11/13/01	3.47	NM	3080	NM	NM	1.3
	12/22/02	3.88	NM	1374	NM	NM	0.41
	06/20/03	3.74	NM	2150	NM	NM	0.27
MW-17S	08/08/00	4.47	NM	OR	NM	NM	4.5
	11/13/01	5.05	NM	OR	NM	NM	2.66
	12/22/02	5.07	NM	86373	NM	NM	12.7
	06/19/03	5.33	NM	OR	NM	NM	2.9
MW-18S	08/08/00	4.28	NM	285	NM	NM	2.01
	11/14/01	4.21	NM	300	NM	NM	2.9
	12/22/02	4.5	NM	273	NM	NM	2.69
	06/19/03	4.57	NM	400	NM	NM	1.9
	08/31/09	4.56	23.45	418	0.30	-42	1.5
	08/26/10	4.59	23.17	537	0.36	203	2.1
	02/24/11	4.91	16.05	703	0.59	235	1.4
	08/29/11	5.45	24.42	503	0.12	44.2	0.45
	03/16/12	4.85	19.19	762	0.08	77.2	0.54
	08/23/12	5.01	22.98	456	0.30	107.9	1.80
	03/14/13	4.70	18.38	653	0.20	129.8	0.36
	08/28/13	5.19	23.39	473	0.17	84.5	4.11
	03/07/14	4.97	16.47	722	0.22	111	1.04
MW-19S	08/08/00	4.25	NM	13960	NM	NM	4.27
	11/13/01	3.55	NM	11730	NM	NM	108
	12/22/02	3.99	NM	9494	NM	NM	2.72
	06/19/03	4.35	NM	9280	NM	NM	4.6
	08/31/09	5.56	24.14	4958	0.94	85	0.9
	08/25/10	4.71	25.22	4942	1.68	213	8.2
	02/23/11	5.10	16.10	4567	2.11	210	6.3
	08/30/11	4.92	25.42	4271	0.31	178.7	0.35
	03/15/12	5.15	18.73	1912	0.30	171.8	0.88
	08/25/12	4.93	25.28	2839	1.10	198.1	5.46
	03/14/13	4.97	16.73	2398	0.23	106.1	0.55
	08/29/13	4.34	25.24	3967	0.24	189.9	3.02
	03/05/14	5.43	15.06	2154	0.22	213	0.84
MW-20S	08/08/00	6.09	NM	205	NM	NM	12
	11/13/01	5.44	NM	198.2	NM	NM	59.8
	12/21/02	5.56	NM	174.1	NM	NM	14.6
	06/19/03	6.28	NM	297	NM	NM	89
	08/28/09	6.21	26.50	352	0.24	-17.7	0.2
	08/25/10	6.41	27.66	288	0.89	-52	33.7
	02/23/11	6.48	15.69	331	3.47	-79	1.9
	08/30/11	6.40	27.47	345	0.13	-107.2	2.34
	03/15/12	6.54	18.18	285	0.06	-33.0	1.15
	08/25/12	6.38	25.43	290	0.15	-67.2	2.65
	03/14/13	6.29	15.24	347	0.23	2.2	0.70
	08/28/13	6.31	26.41	356	0.09	-56.9	2.19
	03/05/14	6.28	13.46	330	0.27	-37.0	3.98

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 (mV)	Turbidity (NTUs)
MW-21S	12/23/02	6.16	NM	4937	NM	NM	68.4
	06/20/03	5.86	NM	5410	NM	NM	600
	08/28/09	5.89	22.49	6055	0.26	134	60.4
	08/24/10	5.46	24.04	4892	1.31	175	8.4
	02/23/11	6.39	19.52	4748	0.40	195	4.8
	08/26/11	6.65	29.07	4228	0.29	145.6	1.05
	03/16/12	6.46	22.36	4448	2.65	109.2	1.31
	08/21/12	6.38	22.18	4309	0.48	206.2	2.67
	03/18/13	6.33	20.07	3965	0.51	159.3	6.31
	08/27/13	6.51	22.29	4266	1.04	31.2	6.11
	03/11/14	6.72	19.44	3427	0.64	220	6.55
MW-22S	12/22/02	5.23	NM	693	NM	NM	1.53
	06/20/03	5.09	NM	182	NM	NM	0
	08/31/09	5.06	22.71	289	0.19	-58	9.5
	08/26/10	5.71	24.84	376	0.32	34	1.7
	02/24/11	6.47	16.81	750	0.47	-2	4.5
	08/30/11	6.18	28.34	678	0.39	34.7	1.15
	03/16/12	6.55	19.80	856	0.80	121.6	2.44
	08/24/12	5.53	25.77	292	0.28	72.9	2.77
	03/19/13	6.27	18.01	475	0.40	41.4	1.42
	08/28/13	6.45	26.31	294	0.51	10.1	5.32
	01/06/00	6.54	15.20	637	1.14	41	1.83
MW-23S	12/23/02	4.8	NM	194	NM	NM	4.7
	06/20/03	4.98	NM	130	NM	NM	4
	08/31/09	4.49	22.50	175	2.22	188	1.2
	08/26/10	4.51	25.91	150	2.10	305	0.8
	02/24/11	4.89	22.01	180	6.45	272	1.5
	08/31/11	4.59	23.76	153	2.29	160.2	0.40
	03/16/12	5.27	23.87	179	2.79	143.0	3.42
	08/26/12	4.75	22.82	197	3.15	264.0	0.45
	03/19/13	4.77	21.42	152	2.51	204.4	0.48
	08/23/13	5.00	22.12	131	1.63	224.5	4.15
	03/04/14	4.51	20.42	138	2.12	217.0	0.69
MW-24S	12/21/02	4.82	NM	94	NM	NM	4.07
	06/19/03	4.73	NM	98.2	NM	NM	0.68
	09/01/09	4.09	22.51	83	4.70	224	0.7
	08/27/10	4.49	23.40	78	4.84	361	3.2
	02/28/11	4.74	22.78	84	5.61	57	1.9
	08/26/11	4.87	28.00	86	3.66	135.7	0.13
	03/19/12	4.66	23.42	85	4.06	259.7	0.75
	08/25/12	4.15	22.51	88	4.20	147.8	0.92
	03/19/13	4.76	22.27	93	4.43	209.5	1.85
	08/21/13	5.61	23.77	93	4.35	146.6	3.87
	03/05/14	4.32	20.30	106	3.39	189	1.15

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 (mV)	Turbidity (NTUs)
MW-25S	12/21/02	4.69	NM	691	NM	NM	2.32
	06/19/03	4.93	NM	175	NM	NM	3.4
	09/01/09	4.92	25.28	156	0.92	-27	11.2
	08/25/10	4.62	25.42	128	2.94	186	7.0
	02/28/11	5.76	19.92	174	1.78	-29	5.5
	08/31/11	5.97	27.52	245	0.15	-3.9	2.92
	03/16/12	5.37	21.83	440	0.23	60.8	2.00
	08/24/12	5.35	25.75	205	1.03	81.3	1.91
	03/20/13	4.81	18.58	861	2.51	116.6	0.83
	08/27/13	4.88	26.25	211	0.57	154.1	5.87
	03/04/14	4.87	16.72	283	2.34	211	1.56
MW-26S	12/21/02	4.82	NM	123.4	NM	NM	4.63
	06/19/03	4.69	NM	124	NM	NM	3.1
	08/28/09	3.88	25.12	99	1.69	124	7.7
	08/25/10	4.12	24.54	92	3.25	321	6.3
	02/28/11	4.63	21.83	101	3.43	113	1.5
	08/30/11	4.42	24.80	87	0.71	104.1	0.31
	03/15/12	5.14	22.56	120	2.12	79.1	0.12
	08/25/12	4.27	24.35	113	1.52	198.1	0.29
	03/14/13	5.11	21.40	145	2.68	85.7	0.39
	08/28/13	6.26	23.91	173	2.79	179.7	5.79
	03/05/14	5.21	17.69	106	2.66	61	0.53
MW-27S-R	12/22/02	6.37	NM	133.4	NM	NM	4.7
	06/18/03	5.27	NM	133.6	NM	NM	4.5
	08/26/09	5.99	23.70	518	0.25	-15	3.6
	09/01/10	6.43	25.94	749	0.25	-97.5	5.2
	03/01/11	6.26	17.11	1214	1.62	-45	5.1
	08/29/11	6.19	27.01	749	0.21	-25.2	1.24
	03/13/12	6.08	18.18	996	0.12	-13.3	3.87
	08/22/12	6.11	25.18	1155	0.19	-50.3	3.92
	03/13/13	6.37	15.98	735	0.34	-71.8	2.39
	08/20/13	6.50	26.33	843	0.13	-114.6	2.08
	03/07/14	6.67	13.22	582	0.12	-158.5	6.61
MW-28S	12/22/02	4.32	NM	1588	NM	NM	2.45
	06/20/03	4.06	NM	2400	NM	NM	0.92
	08/25/09	5.77	26.85	1076	0.28	98	5.6
	08/24/10	4.18	26.21	1647	0.50	246	2.1
	02/22/11	4.43	22.72	1762	0.40	194	2.1
	08/23/11	5.00	28.74	1630	0.50	72.4	4.45
	03/14/12	4.69	25.58	1606	0.06	65.8	3.95
	08/21/12	4.64	27.45	1721	0.07	109.3	3.69
	03/14/13	5.16	24.04	1293	0.15	90.7	38.7
	08/27/13	5.25	26.90	1594	0.62	5.0	3.64
	03/11/14	4.82	23.08	1775	0.31	27.5	15.20

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Location	Date	pH (SUs)	Temperature (°C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (mV)	Turbidity (NTUs)
MW-29S	03/20/03	4.06	NM	2550	NM	NM	0
	08/25/09	3.63	25.65	2366	0.43	158	0.4
	08/24/10	3.30	26.53	2264	0.45	357	0.6
	02/22/11	3.65	21.30	2470	0.45	378	0.2
	08/24/11	3.75	23.08	2155	5.06	164.4	0.18
	03/14/12	3.71	22.16	2309	0.18	382.0	0.47
	08/21/12	3.54	22.71	2109	0.29	164.9	0.29
	03/14/13	3.64	20.86	1723	0.18	137.5	0.45
	08/28/13	4.64	29.17	1302	0.20	39.2	3.07
	03/12/14	4.04	20.06	1414	0.18	102.4	1.67
MW-30S	06/20/03	5.46	NM	550	NM	NM	14.5
	08/25/09	3.90	23.29	662	1.13	112	2.4
	08/24/10	3.70	23.88	613	1.50	268	1.1
	02/22/11	4.23	22.63	614	1.80	199	0.2
	08/23/11	4.36	25.87	457	1.17	107.7	0.18
	03/14/12	4.08	22.03	570	1.20	216.4	0.14
	08/21/12	4.02	23.59	527	1.19	124.0	2.80
	03/15/13	4.14	22.05	535	1.43	254.0	0.33
	08/22/13	4.43	25.22	645	3.46	115.9	0.58
	03/12/14	7.65	21.67	474	1.38	177.2	0.92
MW-31S	06/20/03	5.38	NM	150	NM	NM	>1000
	08/25/09	4.63	29.01	151	3.16	121	116.0
	08/24/10	5.21	28.87	79	7.09	170	>1000
	02/22/11	5.13	24.58	85	6.50	224	577
	08/24/11	4.83	26.68	74	5.52	133.8	95.5
	03/15/12	4.82	25.00	108	4.49	246.4	21.0
	08/24/12	4.71	26.16	112	5.85	251.0	7.92
	03/20/13	4.74	21.70	73	5.81	195.6	89.4
	08/28/13	4.77	27.46	151	3.56	13.6	5.56
	03/12/14	4.98	21.49	78	5.53	80.0	12.3
MW-32S-R	06/20/03	3.75	NM	8370	NM	NM	0.66
	08/24/10	4.34	29.93	6539	1.40	189	1.2
	02/23/11	5.37	19.10	9306	0.29	231	1.3
	08/26/11	5.23	31.47	9700	0.21	227.0	1.52
	03/20/12	4.12	21.59	7867	0.37	237.4	2.97
	08/21/12	4.84	26.62	7377	0.28	202.7	9.8
	03/18/13	5.39	19.96	6297	0.59	189.5	2.61
	08/20/13	6.08	26.86	2101	0.20	161.4	4.84
	03/11/14	5.00	18.60	4998	0.19	247.9	4.36
MW-32-I	08/24/10	4.06	28.92	3238	0.96	211	95.4
	02/22/11	4.39	23.79	3581	0.68	259	8.3
	08/26/11	4.38	27.79	3466	0.30	203.9	4.72
	03/20/12	3.81	23.51	2810	0.28	404.4	0.62
	08/21/12	3.63	23.87	2979	0.07	198.5	2.28
	03/18/13	3.65	22.93	2905	0.17	162.6	1.26
	08/20/13	3.92	23.47	2963	0.18	231.8	2.47
	03/11/14	3.64	22.85	3130	0.19	240.0	0.73

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 (mV)	Turbidity (NTUs)
MW-33S	06/19/03	6.38	NM	200	NM	NM	3
	09/01/09	5.10	21.54	50	5.88	164	9.8
	08/30/10	5.06	22.62	55	4.42	171	3.9
	02/28/11	5.28	20.61	95	6.66	62	8.8
	03/16/12	4.57	19.98	258	4.31	134.8	0.98
	08/24/12	4.70	21.35	70	6.13	109.6	1.25
	03/20/13	5.07	19.47	125	5.07	111.4	1.25
	08/27/13	5.02	21.27	113	4.21	159.4	4.45
	03/05/14	4.87	17.28	162	4.15	128	1.16
MW-34S	06/19/03	6.01	NM	>9000	NM	NM	0
	08/31/09	5.82	26.35	44634	2.36	176	4.8
	08/25/10	6.51	27.37	36335	7.69	201	1.4
	02/23/11	5.60	16.33	26898	0.62	226	3.6
	08/31/11	4.21	25.97	33619	0.45	205.9	3.63
	03/15/12	3.63	18.78	19762	0.34	256.8	0.92
	08/25/12	5.08	27.12	32944	0.12	224	2.36
	03/14/13	5.82	16.80	24572	0.31	222.7	0.58
	08/21/13	6.01	25.71	15079	0.14	182.2	3.75
	03/05/14	6.07	15.50	20272	0.21	240	1.27
MW-34I	08/25/10	6.26	28.50	91	4.24	105	27.4
	02/23/11	6.14	20.41	107	4.49	196	106
	08/30/11	6.04	25.22	99	1.06	75.1	34.0
	03/15/12	6.25	21.58	91	2.38	85.2	130
	08/25/12	5.97	23.89	84	3.86	99.7	280
	03/14/13	5.93	20.05	83	3.60	62.1	360
	08/21/13	5.95	22.65	81	3.46	98.1	336
	03/05/14	5.92	16.99	94	2.43	133	266
MW-35S	08/25/09	3.91	26.47	779	0.53	102	6.6
	08/24/10	3.68	27.21	666	0.62	278	2.3
	02/22/11	4.06	25.07	701	0.71	186	0.9
	08/23/11	4.16	28.99	587	0.28	104.1	0.33
	03/14/12	4.01	25.79	611	0.23	404.9	1.10
	08/21/12	3.84	27.41	577	0.13	128.6	0.44
	03/13/13	3.91	23.89	651	0.39	278.6	0.53
	08/27/13	4.04	27.34	660	0.25	90.4	0.54
	03/11/14	4.21	23.55	499	0.38	70.3	4.07
MW-36S	08/26/09	3.66	23.44	1239	0.16	311	2.9
	09/01/10	3.78	24.21	1287	0.20	438	5.6
	03/01/11	4.55	17.60	824	1.91	155	2.4
	08/29/11	3.80	26.77	1470	0.15	384.1	0.11
	03/13/12	6.35	19.47	345	2.51	54.3	0.65
	08/22/12	4.02	23.41	880	0.21	-149	5.04
	03/12/13	5.68	17.73	441	0.50	114.7	9.28
	08/20/13	5.85	25.49	255	0.25	-48.6	9.3
	03/07/14	6.68	13.47	200	2.84	-38.2	7.60

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 (mV)	Turbidity (NTUs)
MW-37S	08/26/09	6.70	22.14	959	0.08	-103	3.6
	09/01/10	6.76	22.64	922	0.44	-126	3.3
	03/01/11	6.82	18.33	963	0.31	-120	8.0
	08/29/11	6.74	26.68	1033	0.08	-112.6	0.90
	03/13/12	6.82	19.52	868	0.06	-113.3	1.09
	08/22/12	6.75	23.30	964	0.05	-110.9	6.36
	03/13/13	6.81	18.08	862	0.31	-115.9	1.82
	08/20/13	6.63	23.50	962	0.26	-122.7	0.67
	03/05/14	6.11	16.25	913	0.10	-156.2	0.90
MW-38S	08/26/09	5.37	23.35	164	0.41	82	1.7
	09/01/10	5.73	24.23	178	1.49	105	0.4
	03/01/11	5.92	15.06	165	2.13	36	3.6
	08/24/11	4.86	25.79	106	0.75	103.8	0.05
	03/14/12	6.11	18.90	320	0.07	-94.9	0.75
	08/22/12	5.85	24.03	215	0.31	5.8	3.07
	03/13/13	6.26	16.34	274	0.16	20.8	2.82
	08/21/13	6.12	23.91	283	0.21	-86.4	0.95
	03/07/14	6.25	13.61	201	0.80	-100.4	3.84
MW-39S	08/27/09	4.41	23.90	302	0.09	116	2.5
	08/31/10	4.54	24.55	3	0.50	208	0.4
	03/02/11	4.55	19.67	368	0.25	261	2.0
	08/25/11	4.25	29.32	408	0.16	234.0	0.09
	03/14/12	4.32	21.34	592	0.10	220.8	0.68
	08/23/12	4.28	24.56	573	0.30	263.5	2.67
	03/13/13	4.32	20.46	503	0.33	184.0	0.82
	08/21/13	4.21	24.38	442	0.32	53.2	2.37
	03/11/14	4.59	18.85	380	0.20	34.7	1.79
MW-40S	08/24/10	5.30	28.21	102	3.27	134	10.3
	02/22/11	5.60	25.31	84	2.96	192	9.1
	08/29/11	5.22	28.89	78	0.77	161.2	19.9
	03/15/12	5.39	26.41	67	1.90	136.0	8.9
	08/23/12	5.23	25.51	58	2.08	222.6	8.82
	03/15/13	5.27	24.14	48	2.57	222.7	9.89
	08/20/13	5.56	25.85	79	1.43	99.9	6.40
	03/11/14	5.25	24.04	58	1.70	145	9.12
MW-41S	08/24/10	3.51	24.88	2833	0.28	347	0.9
	02/23/11	3.71	21.41	3148	0.90	260	0.5
	08/29/11	3.61	27.53	2578	0.07	268.8	0.21
	03/15/12	3.70	23.73	2835	0.04	331.7	0.58
	08/23/12	3.72	24.91	2413	0.06	301.7	0.26
	03/18/13	3.60	23.85	2625	0.21	172.5	0.38
	08/27/13	4.28	24.35	2391	0.12	180.6	3.97
	03/11/14	3.54	23.15	2234	0.17	267	0.43

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 (mV)	Turbidity (NTUs)
MW-42S	08/26/10	5.62	23.50	5380	0.39	43	29.6
	02/24/11	5.94	15.81	6602	0.24	221	18.1
	08/30/11	5.91	24.46	4764	0.09	166.4	109.8
	03/16/12	5.58	19.43	7649	0.23	171.4	42.0
	08/24/12	5.36	23.84	8609	0.09	172.6	120
	03/14/13	5.69	17.35	6918	0.19	220.3	8.16
	08/29/13	5.02	23.15	5937	0.40	195.1	21.7
	03/04/14	4.85	16.42	3282	0.17	217	129
MW-43S	08/26/10	5.30	26.24	1818	0.40	191	1.4
	02/24/11	5.61	15.07	1870	0.56	183	0.7
	08/30/11	5.24	26.21	1705	0.13	146.3	0.40
	03/15/12	5.53	18.26	1632	0.15	128.0	0.88
	08/24/12	5.75	26.43	1992	0.22	154.2	0.53
	03/14/13	5.41	15.74	1815	0.33	148.8	0.61
	08/22/13	5.64	27.07	1585	0.10	68.8	3.55
	03/07/14	5.83	14.38	12.99	0.87	113	0.61
MW-44S	08/26/10	5.98	24.87	581	0.24	14	44.0
	02/24/11	6.20	18.42	830	0.20	33	25.7
	08/30/11	6.04	26.81	809	0.11	11.5	1.41
	03/16/12	6.42	21.25	1056	0.26	-15.0	9.63
	08/24/12	5.98	25.38	990	0.53	35.5	8.5
	03/19/13	6.30	18.85	996	0.45	68.2	3.47
	08/28/13	6.49	27.14	574	0.97	83.8	9.11
	03/07/14	6.62	16.56	907	0.61	36	3.07
MW-45S	08/31/11	6.70	26.45	9158	2.77	95.2	8.10
	03/19/12	6.99	18.19	9454	0.27	-142.9	1.71
	08/25/12	7.07	23.53	9945	0.02	-108.5	6.00
	03/20/13	7.00	17.00	9904	0.23	-85.6	2.80
	08/22/13	7.31	24.32	9325	0.06	-161.3	6.69
	03/10/14	7.30	17.89	8342	0.19	-147	1.50
MW-46S	08/25/10	3.87	28.88	432	0.76	306.1	2.6
	02/25/11	4.04	18.45	496	0.70	261.4	2.2
	08/31/11	4.30	30.10	413	0.13	115.7	1.23
	03/16/12	3.84	21.09	543	0.77	152.8	0.31
	08/25/12	3.99	26.43	446	0.25	198.2	0.36
	03/20/13	3.91	20.08	460	0.27	224.0	1.92
	08/28/13	4.84	26.32	297	0.95	282.3	5.28
	03/04/14	3.84	17.70	397	1.67	299.0	0.57
MW-47S	09/01/10	5.32	24.67	44	4.89	222	2.7
	02/24/11	5.60	21.59	47	5.37	234	2.5
	08/31/11	5.31	23.41	45	3.85	129.1	1.45
	03/16/12	5.17	21.30	51	4.30	206.1	1.54
	08/25/12	5.01	22.01	61	4.38	124.8	1.53
	03/19/13	5.34	20.95	53	4.63	157.6	1.67
	08/22/13	5.43	21.49	49	4.51	62.9	7.16
	03/04/14	5.07	19.50	50	4.20	197	1.87

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 (mV)	Turbidity (NTUs)
MW-48S	05/10/12	4.85	22.20	301.5	0.45	218.9	0.42
	08/21/12	3.96	21.23	851	0.13	107.7	0.61
	03/15/13	3.89	20.64	1161	0.41	257.5	0.45
	08/29/13	3.96	21.27	1110	0.18	44.6	0.37
	03/12/14	3.96	19.46	1081	0.12	110.9	1.75
MW-49S	05/10/12	5.91	27.70	117.9	2.37	151.3	119
	08/24/12	5.25	26.32	71	3.48	125.5	144
	03/20/13	5.27	21.95	41	3.51	176.6	296
	08/20/13	5.57	27.72	51	3.64	130.8	99.9
	03/11/14	5.29	24.19	46	2.21	151	201
FFFW-1-R	1/6-7/87	6.3	NM	NA	NM	NM	NA
	05/10/00	6.64	NM	535	NM	NM	362
	11/14/01	6.35	NM	448	NM	NM	58
	12/21/02	6.83	NM	294	NM	NM	57.3
	06/20/03	5.81	NM	539	NM	NM	210
	09/01/09	6.43	22.04	452	5.92	6	49.6
	08/30/11	6.19	27.64	546	0.61	35.3	1.07
	03/19/12	6.23	18.47	534	0.42	5.2	1.64
	08/24/12	6.32	25.96	532	0.11	35.8	0.75
	03/19/13	6.46	16.42	476	1.83	75.2	0.88
	08/29/13	6.37	25.47	490	0.17	61.6	2.07
	03/07/14	6.62	13.82	273	5.08	59	6.47
FFFW-2-R	1/6-7/87	4.1	NM	NA	NM	NM	NA
	05/10/00	3.75	NM	14210	NM	NM	36.2
	11/14/01	3.98	NM	5600	NM	NM	66.8
	12/22/02	3.53	NM	26284	NM	NM	>1000
	06/20/03	3.62	NM	OR	NM	NM	600
	09/01/09	4.36	22.05	2041	0.15	199	19.0
	08/27/10	3.95	21.44	3640	0.57	448	2.0
	02/28/11	4.08	23.07	4462	0.72	235	0.7
	08/31/11	4.13	22.22	1464	0.50	178.0	0.47
	03/19/12	4.05	21.54	3995	0.57	228.4	1.24
	08/26/12	3.78	22.44	4520	0.35	358.4	1.32
	03/19/13	3.92	21.56	4944	0.40	247.0	0.98
	08/23/13	3.96	21.36	4971	0.34	475.1	4.56
	03/10/14	4.09	22.97	4259	0.22	167	1.09

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 (mV)	Turbidity (NTUs)
FFFW-2I	08/27/10	6.58	22.39	283	2.16	362	1.1
	02/28/11	6.45	23.29	245	5.34	128	5.1
	08/31/11	5.94	22.23	214	3.43	113.8	1.87
	03/19/12	5.55	22.02	330	1.38	109.0	0.78
	08/26/12	5.43	22.18	313	1.37	170.9	1.38
	03/19/13	5.43	21.60	352	1.43	111.0	1.65
	08/23/13	5.42	21.52	363	1.47	97.1	4.59
	03/10/14	5.33	23.47	363	0.80	66	0.75
FFFW-3-R	1/6-7/87	6	NM	NA	NM	NM	NA
	05/10/00	4.73	NM	2730	NM	NM	12.9
	11/14/01	4.69	NM	4200	NM	NM	2.67
	12/22/02	4.53	NM	3320	NM	NM	>1000
	06/19/03	4.4	NM	2880	NM	NM	54
	08/31/09	4.65	25.12	2207	0.60	92	12.9
	08/29/11	5.69	27.81	2431	0.56	218.4	24.2
	03/15/12	5.81	19.47	2009	0.34	86.5	46.2
	08/24/12	5.43	25.63	2069	0.44	141.8	4.26
	03/14/13	5.24	15.16	2148	2.25	168.1	0.71
	08/22/13	5.62	26.80	1932	0.08	71.5	3.47
	03/07/14	5.35	14.28	2084	1.26	138	0.41
FFFW-4-R	1/6-7/87	5.8	NM	NA	NM	NM	NA
	05/10/00	5.59	NM	244	NM	NM	18.4
	11/14/01	6.22	NM	52.4	NM	NM	479
	12/23/02	6.27	NM	37	NM	NM	>1000
	06/20/03	7.26	NM	30	NM	NM	350
	09/01/09	4.98	21.05	56	2.54	178	>1000
	08/30/11	5.77	23.80	10249	3.40	147.9	50.6
	03/19/12	5.86	20.69	2553	0.31	65.7	62.9
	08/25/12	5.67	25.86	2323	0.19	163.4	182
	03/20/13	5.63	17.25	1729	0.34	223.3	77.0
	08/22/13	6.32	26.15	459	0.63	19.2	223
	03/10/14	6.00	19.61	378	0.34	58	142
MW-TP1S	08/07/00	4.45	NM	310	NM	NM	3.26
	11/14/01	4.68	NM	215	NM	NM	1.59
	12/20/02	4.26	NM	349	NM	NM	1.92
	06/19/03	4.97	NM	381	NM	NM	3.7
	09/01/09	4.20	21.54	254	3.06	176	1.8
	08/30/10	4.55	25.22	225	4.38	181	0.3
	02/28/11	4.60	20.41	203	3.56	130	0.8
	08/26/11	4.68	21.74	183	3.59	155.7	4.70
	03/19/12	4.56	19.66	188	3.65	171.3	0.25
	08/25/12	4.31	21.60	194	3.39	157.6	0.43
	03/19/13	4.43	19.25	241	3.03	173.4	0.74
	08/21/13	5.58	22.06	253	2.47	131.1	4.80
	03/11/14	4.35	18.51	251	2.77	157.1	0.49

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 (mV)	Turbidity (NTUs)
MW-TP1I	08/08/00	6.95	NM	159.2	NM	NM	148
	11/14/01	6.06	NM	46.5	NM	NM	19.3
	12/20/02	6.32	NM	57	NM	NM	18.8
	06/19/03	4.47	NM	11.6	NM	NM	120
	09/01/09	5.68	21.51	50	5.94	128	19.7
	08/30/10	6.04	24.18	48	4.12	128	1.1
	02/28/11	6.23	20.89	50	6.90	102	7.3
	08/26/11	5.41	23.19	48	5.04	135.7	3.01
	03/19/12	6.06	20.66	50	5.44	149.9	9.79
	08/25/12	5.93	21.00	56	5.77	82.5	9.4
	03/19/13	5.94	20.14	50	6.25	113.5	6.45
	08/21/13	6.15	22.05	49	5.31	108.2	6.11
	03/11/14	5.87	18.88	60	5.19	120.0	5.57
MW-TP2S	08/07/00	4.35	NM	555	NM	NM	4.81
	11/14/01	4.54	NM	420	NM	NM	180
	12/21/02	4.55	NM	543	NM	NM	14.9
	06/19/03	4.9	NM	437	NM	NM	85
	09/01/09	4.81	23.27	369	0.33	81.5	11.7
	08/26/10	4.81	24.69	398	1.82	287	6.6
	02/28/11	5.42	17.30	480	0.83	79	5.0
	08/31/11	5.10	25.02	414	0.19	88.4	3.05
	03/16/12	5.56	18.46	431	0.65	-688.8	4.16
	08/24/12	5.02	24.34	484	0.26	115.1	8.66
	03/20/13	5.42	17.00	252	0.50	121.1	13.8
	08/27/13	5.94	24.69	169	0.07	34.3	19.2
	03/05/14	5.32	15.78	266	0.58	118	5.97
MW-TP3S	08/07/00	4.29	NM	339	NM	NM	2.41
	11/14/01	4.77	NM	221	NM	NM	2.45
	12/20/02	4.81	NM	243	NM	NM	1.45
	06/19/03	5	NM	293	NM	NM	4.5
	09/01/09	4.43	22.08	212	1.18	296	5.6
	08/26/10	4.48	22.42	186	1.42	328	1.4
	02/28/11	5.03	19.35	214	0.87	33	2.9
	08/31/11	5.06	22.79	167	1.52	80.1	0.66
	03/16/12	4.80	19.78	215	1.31	-665.7	0.80
	08/25/12	4.69	21.99	215	1.32	219.3	0.66
	03/20/13	4.66	18.69	210	1.28	90.6	0.78
	08/27/13	5.26	21.53	199	0.47	123.7	4.83
	03/04/14	4.49	17.14	206	0.32	214	0.43
MW-TP4S	08/07/00	4.7	NM	128.9	NM	NM	4.88
	11/14/01	4.92	NM	86.5	NM	NM	2.9
	12/20/02	4.94	NM	131.2	NM	NM	18.3
	06/20/03	4.78	NM	116	NM	NM	0.93
	09/01/09	4.18	22.00	107	3.78	194	7.9
	08/27/10	4.28	22.08	101	4.45	357	5.4
	02/28/11	4.80	22.33	110	4.64	100	1.6
	08/26/11	4.49	24.98	110	3.38	164.3	0.24
	03/19/12	4.75	23.08	114	3.73	128.4	0.59
	08/25/12	4.63	22.17	109	3.93	218.0	1.66
	03/19/13	4.66	21.59	142	4.35	209.7	0.74
	08/21/13	5.11	23.30	115	3.37	163.2	3.17
	03/05/14	4.51	20.16	124	3.82	171	2.02

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 (mV)	Turbidity (NTUs)
MW-TP5S	08/07/00	3.9	NM	8380	NM	NM	3.02
	11/14/01	3.21	NM	15490	NM	NM	2.3
	12/20/02	3.19	NM	10080	NM	NM	3.11
	06/20/03	5.65	NM	740	NM	NM	4.5
	08/31/09	3.31	21.72	15532	0.20	381	2.2
	08/30/10	3.85	23.10	16735	2.02	354	4.3
	02/24/11	3.34	21.53	16894	0.45	354	1.3
	08/31/11	3.33	24.15	15515	0.17	251.7	0.33
	03/20/12	3.28	22.11	16970	0.33	348.5	4.37
	08/26/12	3.21	23.68	18085	0.17	373.3	2.48
	03/19/13	3.09	19.77	18335	0.29	370.0	0.94
	08/22/13	3.26	23.06	20111	0.17	390.3	4.15
	03/07/14	3.02	19.26	18788	0.28	283	0.59
MW-TP5I	08/30/10	6.12	24.49	298	1.28	118	103.0
	02/24/11	6.10	22.60	78	6.84	142	51.4
	08/31/11	5.76	25.61	70	1.76	128.4	46.5
	03/20/12	5.87	23.70	66	0.34	58.2	273
	08/26/12	5.85	22.93	59	0.47	141.9	384
	03/19/13	5.70	20.25	53	0.55	88.2	271
	08/22/13	5.90	22.71	47	0.67	196.6	256
	03/07/14	5.75	18.19	51	0.40	40	64.1
MW-TP6S	08/07/00	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
GROUNDWATER SAMPLING PLAN
Former Farmers Favorite Fertilizer
Moultrie, Georgia

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

TABLE 4
GROUNDWATER SAMPLING PLAN
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Well Depth (ft bls)	Screen Interval Depth (ft bls)	Screen Elevation (MSL)	Analyses															
				Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Total Number of Metals Analyzed
MW-40S	35	25 - 35	273.59 - 263.59	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	Y	N	N	6
MW-41S	30	20 - 30	270.61 - 260.61	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	Y	N	N	6
MW-42S	15	5 - 15	285.06 - 275.06	N	Y	Y	Y	Y	N	N	Y	N	Y	N	N	N	N	Y	7
MW-43S	15	5 - 15	280.25 - 270.25	N	Y	N	N	Y	N	N	Y	N	Y	N	N	N	N	Y	5
MW-44S	20	10 - 20	277.35 - 267.35	N	Y	N	N	Y	N	N	Y	N	Y	N	N	N	N	N	4
MW-45S	20	10 - 20	264.71 - 254.71	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
MW-46S	15	5 - 15	277.70 - 267.70	N	Y	N	N	Y	N	N	Y	N	Y	N	N	N	N	Y	5
MW-47S	32	22 - 32	271.37 - 261.37	N	Y	Y	Y	Y	N	N	Y	N	Y	N	N	Y	N	Y	8
MW-48S	30	20 - 30	282.44 - 272.44	N	Y	Y	Y	Y	N	Y	Y	N	Y	Y	N	Y	N	Y	10
MW-49S	34	24 - 34	269.19 - 259.19	N	Y	Y	Y	Y	N	Y	Y	N	Y	Y	N	Y	N	Y	10
FFFW-1-R	12	2 - 12	281.50 - 271.50	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
FFFW-2-R	27	17 - 27	272.50 - 262.50	N	Y	Y	Y	Y	N	N	Y	N	Y	N	N	Y	N	Y	8
FFFW-2I	50	45 - 50	244.72 - 239.72	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
FFFW-3-R	14	4 - 14	281.06 - 271.06	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
FFFW-4-R	14	4 - 14	279.58 - 269.58	N	Y	N	Y	N	N	N	Y	N	Y	N	N	N	N	N	4
MW-TP1S	20	10 - 20	274.53 - 264.53	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
MW-TP1I	48	43 - 48	241.57 - 236.57	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
MW-TP2S	20	10 - 20	268.31 - 258.31	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
MW-TP3S	20	10 - 20	268.79 - 258.79	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	N	3
MW-TP4S	25	15 - 25	272.67 - 262.67	N	Y	Y	Y	N	N	N	Y	N	Y	N	N	N	N	N	5
MW-TP5S	25	15 - 25	273.64 - 263.64	N	Y	Y	Y	Y	N	N	Y	N	Y	Y	N	Y	N	Y	9
MW-TP5I	50	45 - 50	243.46 - 238.46	N	Y	N	N	N	N	N	Y	N	Y	N	N	N	N	Y	4

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

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**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**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-1S-R	01/26/99	<0.005	<0.01	0.022	<0.004	<0.005	<0.025	**1.6**	<0.0002	<0.04	<0.01	<0.01	**0.0029**	<0.01	0.056
	05/09/00	<0.005	<0.01	0.011	<0.004	<0.005	<0.025	**0.07**	<0.0002	<0.04	<0.01	<0.01	<0.002	0.019	0.052
	11/13/01	NA	NA	NA	NA	NA	NA	**0.09**	NA	NA	NA	NA	NA	NA	NA
	12/22/02	<0.006	<0.010	0.011	<0.004	<0.005	0.021	**0.1**	<0.0002	<0.04	<0.01	<0.01	<0.01	0.034	0.038
Dissolved	12/22/02	NA	NA	<0.010	NA	NA	<0.020	**0.08**	NA	NA	NA	NA	NA	<0.010	0.034
	06/18/03	NA	NA	NA	NA	NA	NA	**0.09**	NA	NA	NA	NA	NA	NA	NA
Dissolved	06/18/03	NA	NA	NA	NA	NA	NA	**0.066**	NA	NA	NA	NA	NA	NA	NA
	11/08/06	<0.0026	<0.0038	0.03	0.0034	0.00068 V	0.043 V	**0.034 V**	0.000044 I	0.044	<0.0043	<0.0006	<0.0010	0.0018 I	0.14 V
	08/27/09	0.00035 I	0.0085 U	0.032	0.00016 I	0.00032 U	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
	03/02/10	0.00021 I	0.0085 U	0.022	0.00013 U	0.00032 U	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
	08/31/10	0.0015 U	0.0085 U	0.033	0.00013 U	0.00032 U	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
	03/02/11	0.00022 I	0.0085 U	0.027	0.00013 U	0.00032 U	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
	08/25/11	NA	0.0028	0.049	0.00025 U	0.000095 U	0.0053	0.00028 J	NA	0.0034 J	0.0025 B	NA	0.00050 U	0.0038 U	0.0085 J
	03/14/12	NA	0.0019 J	NA	NA	NA	NA	0.00067 J	NA	0.0027 J	NA	NA	NA	NA	NA
Dissolved	03/14/12	NA	0.0017 J	NA	NA	NA	NA	0.00020 U	NA	0.0029 J	NA	NA	NA	NA	NA
	08/23/12	NA	0.0013 U	NA	NA	NA	NA	0.00088 J	NA	0.0023 J	NA	NA	NA	NA	NA
Dissolved	08/23/12	NA	0.0013 U	NA	NA	NA	NA	0.00021 J	NA	0.0031 J	NA	NA	NA	NA	NA
	03/12/13	NA	0.0013 U	NA	NA	NA	NA	0.00047 J	NA	0.0020 U	NA	NA	NA	NA	NA
Dissolved	03/12/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	08/21/13	NA	0.0013 U	NA	NA	NA	NA	0.00064 J	NA	0.0020 U	NA	NA	NA	NA	NA
	03/10/14	NA	0.0013 U	NA	NA	NA	NA	0.00086 J	NA	0.0020 U	NA	NA	NA	NA	NA
Dissolved	03/10/14	NA	0.0013 U	NA	NA	NA	NA	0.00055 J	NA	0.0020 U	NA	NA	NA	NA	NA
MW-1I-R	01/26/99	NA	<0.01	0.055	NA	<0.005	NA	0.0065	<0.0002	NA	NA	<0.01	NA	NA	NA
	05/09/00	NA	<0.01	0.089	NA	<0.005	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/01	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/23/02	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	06/18/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/08/06	NA	<0.0038	0.12	NA	0.000097 I V	NA	<0.0019	<0.00002	NA	<0.0043	0.0011 I V	NA	NA	NA
	08/27/09	0.00015 I	0.0085 U	0.14	0.00032	0.00032 U	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
	03/02/10	0.00015 U	0.0085 U	0.15	0.00044	0.00032 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
	08/31/10	0.0058 I	0.0085 U	0.15	0.00046	0.00032 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
	03/02/11	0.00023 I	0.0085 U	0.14	0.00040	0.00032 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
	08/25/11	NA	0.0013 U	0.150	0.00051	0.000095 U	0.0011 U	0.0020	NA	0.0022 J	0.0010 U	NA	0.00050 U	0.0038 U	0.0083 U
	03/13/12	NA	0.0013 U	NA	NA	NA	NA	0.0015	NA	0.002 U	NA	NA	NA	NA	NA
	08/23/12	NA	0.0013 U	NA	NA	NA	NA	0.0017	NA	0.0037 J	NA	NA	NA	NA	NA
	03/12/13	NA	0.0013 U	NA	NA	NA	NA	0.0016	NA	0.0020 U	NA	NA	NA	NA	NA
	08/23/13	NA	0.0013 U	NA	NA	NA	NA	0.0015	NA	0.0020 U	NA	NA	NA	NA	NA
	03/10/14	NA	0.0013 U	NA	NA	NA	NA	0.0018	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	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**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**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-2S	01/26/99	<0.005	<0.01	0.037	<0.004	**0.0053**	<0.025	0.0068	<0.0002	<0.04	<0.01	<0.01	<0.002	<0.01	0.47
	05/08/00	<0.005	<0.01	0.031	<0.004	<0.005	<0.025	0.0075	<0.0002	<0.04	<0.01	<0.01	<0.002	<0.01	0.42
	11/12/01	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	0.43
	12/23/01	<0.006	<0.01	0.04	<0.004	<0.005	<0.02	0.0054	<0.0002	<0.04	<0.01	<0.01	<0.002	<0.01	0.38
	06/18/03	NA	NA	NA	NA	NA	0.028	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/24/06	<0.0026	<0.0038	0.044	0.00077	0.0037 V	0.02 V	<0.0019	<0.00002	0.0052 I	<0.0043	<0.0006	<0.0010	0.00078 I	0.34
	08/28/09	0.000099 I	0.0085 U	0.043	0.00061	0.0031	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
	03/02/10	0.00015 U	0.0085 U	0.036	0.00057	0.003	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
	08/31/10	0.0015 U	0.01	0.045	0.00068	0.0024	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
	03/01/11	0.000077 I	0.0098 I	0.038	0.00059	0.0026	0.011	0.0013 U	0.000014 U	0.0053 I	0.0022 U	0.000059 U	0.00021	0.00018 U	0.31
	08/25/11	NA	0.0015 J	0.040	0.00066	0.0019	0.014	0.0039	NA	0.011	0.0041 B	NA	0.00050 U	0.0038 U	0.240
	03/13/12	NA	0.0025	0.036	NA	NA	NA	0.0030	NA	0.0082	NA	NA	NA	NA	NA
	08/23/12	NA	0.0013 U	0.044	NA	NA	NA	0.0040	NA	0.0074	NA	NA	NA	NA	NA
	03/12/13	NA	0.0018 J	0.035	NA	NA	NA	0.0025	NA	0.0085	NA	NA	NA	NA	NA
	08/20/13	NA	0.0013 U	0.035	NA	NA	NA	0.0025	NA	0.0063	NA	NA	NA	NA	NA
	03/04/14	NA	0.0021 J	0.042	NA	NA	NA	0.0031	NA	0.0083	NA	NA	NA	NA	NA
MW-2I	01/26/99	NA	<0.01	0.13	NA	<0.005	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	05/08/00	NA	<0.01	0.15	NA	<0.005	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/12/01	NA	NA	NA	NA	NA	NA	<0.01	NA	NA	NA	NA	NA	NA	<0.10
	12/23/02	<0.20*	<0.10*	**15**	**0.16**	<0.050*	0.17	0.0063	NA	**0.41**	<0.10*	NA	<0.10*	<0.10*	<0.02
	06/18/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/24/06	<0.0026	<0.0038	0.17	0.00055	0.00018 I V	0.0047 V	0.0025	0.000026 I	<0.0016	<0.0043	0.00073 I	<0.0010	0.00086 I	0.013
	08/28/09	0.000073 U	0.0085 U	0.17	0.00041	0.00032 U	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
	03/02/10	0.00015 U	0.0085 U	0.16	0.00053	0.00032 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
	08/31/10	0.0015 U	0.0085 U	0.17	0.00055	0.00032 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
	03/01/11	0.000073 U	0.0085 U	0.16	0.00041	0.00032 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
	08/25/11	NA	0.0013 U	0.160	0.00051	0.000095 U	0.0011 U	0.0020	NA	0.0022 J	0.0010 U	NA	0.00050 U	0.0038 U	0.0083 U
	03/13/12	NA	0.0013 U	NA	NA	NA	NA	0.0017 U	NA	0.002 U	NA	NA	NA	NA	NA
	08/23/12	NA	0.0013 U	NA	NA	NA	NA	0.0019	NA	0.0020 U	NA	NA	NA	NA	NA
	03/12/13	NA	0.0013 U	NA	NA	NA	NA	0.0019	NA	0.0020 U	NA	NA	NA	NA	NA
	08/23/13	NA	0.0013 U	NA	NA	NA	NA	0.0017	NA	0.0020 U	NA	NA	NA	NA	NA
	03/04/14	NA	0.0013 U	NA	NA	NA	NA	0.0020	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	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**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**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-3S	01/26/99	<0.025*	<0.25*	<0.25*	<0.1*	<0.12*	**1.8**	<0.12*	<0.0002	**0.34**	<0.25*	<0.25*	**0.0028**	<0.25*	**2.4**
	05/08/00	<0.005	**0.039**	<0.01	**0.011**	<0.005	0.33	**0.017**	<0.0002	0.069	<0.01	<0.01	<0.002	<0.01	0.38
	11/13/01	NA	**0.46**	NA	NA	NA	NA	**0.23**	NA	NA	NA	NA	NA	NA	NA
	12/23/02	<0.80*	**0.46**	<0.40*	<0.16*	<0.20*	**1.8**	**0.21**	<0.0002	<1.6*	<0.40*	<0.40*	<0.40*	<0.40*	**2.5**
	06/18/03	NA	NA	NA	NA	NA	NA	**0.12**	NA	NA	NA	NA	NA	NA	NA
	10/24/06	**0.012**	**0.57**	0.016	**0.030**	**0.014 V**	**4.3 V**	**0.21**	0.000047 I	**0.43**	<0.0086	<0.0012	<0.0010	0.0047	**2.9**
	08/28/09	0.00014 J4,I	**0.42 J4**	0.013 J4	**0.024 J4**	**0.013 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**
	03/02/10	0.00015 U	**0.40**	0.012	**0.025**	**0.0097**	**2.8**	**0.15**	0.000094 I	**0.34**	**0.085**	0.00012 U	0.0014	0.0025	**2.2**
	08/31/10	0.00023 I	**0.52**	0.013	**0.023**	**0.011**	**2.8**	**0.18**	0.000065 I	**0.33**	0.0033 I	0.000081 I	0.0014	0.0023	**2.2**
	03/02/11	0.00013 I,J4	**0.56**	0.015	**0.025**	**0.010**	**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**
	08/25/11	NA	**0.038**	0.010	**0.0070**	0.0043	1.3	**0.049**	NA	**0.150**	**0.066 B**	NA	0.00050 U	0.015 U	0.780
	03/14/12	NA	**0.310**	0.015	**0.0220**	**0.0180**	**1.4**	**0.120**	NA	**0.260**	0.048	NA	NA	NA	1.7
	08/22/12	NA	**0.350**	0.014	**0.024**	**0.012**	**1.9**	**0.110**	NA	**0.320**	**0.064**	NA	NA	NA	1.8
	03/15/13	NA	**0.250**	0.012	**0.023**	**0.011**	**1.6**	**0.120**	NA	**0.260**	**0.077**	NA	NA	NA	**2.2**
	08/22/13	NA	0.0031	0.017	0.0019	0.0017	0.060	**0.073**	NA	0.056	0.0082	NA	NA	NA	0.340
	03/05/14	NA	**0.049**	0.023	**0.0074**	0.0012	0.23	**0.033**	NA	0.088	0.0073	NA	NA	NA	0.43
MW-3I	01/26/99	NA	<0.01	0.082	NA	<0.005	NA	**0.027**	<0.0002	NA	NA	<0.01	NA	NA	NA
	05/08/00	NA	<0.01	0.11	NA	<0.005	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/01	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/23/02	NA	NA	NA	NA	NA	NA	<0.0050	NA	NA	NA	NA	NA	NA	NA
	06/18/03	NA	NA	NA	NA	NA	NA	<0.0050	NA	NA	NA	NA	NA	NA	NA
	10/24/06	NA	<0.0038	0.11	NA	0.00022 V	NA	0.0021 I	0.000046 I	NA	<0.0043	<0.0006	NA	NA	NA
	08/28/09	0.000073 U	0.0085 U	0.12	0.00046	0.00032 U	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
	03/02/10	0.00015 U	0.0085 U	0.11	0.0006	0.00032 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
	08/31/10	0.000073 U	0.0085 U	0.12	0.0005	0.00039 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
	03/02/11	0.00010 I	0.0085 U	0.13	0.00072	0.00052 I	0.0034 I	0.0090	0.00019	0.0022 I	0.0022 U	0.000059 U	0.00015 I	0.0063	0.024
	08/25/11	NA	0.0013 U	0.110	0.00065	0.00012 J	0.0024 J	0.0017	NA	0.0033 J	0.0025 B	NA	0.00050 U	0.0038 U	0.0086 J
	03/14/12	NA	0.0013 U	0.170	0.00094	NA	NA	0.0029	NA	0.0035 J	NA	NA	NA	NA	NA
	08/22/12	NA	0.0013 U	0.130	0.00066	NA	NA	0.0021	NA	0.0031 J	NA	NA	NA	NA	NA
	03/15/13	NA	0.0013 U	0.098	0.00049 J	NA	NA	0.0016	NA	0.0026 J	NA	NA	NA	NA	NA
	08/28/13	NA	0.0013 U	0.062	0.00040 J	NA	NA	0.0013 J	NA	0.0020 U	NA	NA	NA	NA	NA
	03/04/14	NA	0.0013 U	0.11	0.00050	NA	NA	0.0020	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	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**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**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-4S	01/26/99	NA	<0.01	0.05	NA	<0.005	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	05/09/00	NA	<0.01	0.035	NA	<0.005	NA	**0.017**	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/14/01	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/02	NA	NA	NA	NA	NA	NA	**0.018**	NA	NA	NA	NA	NA	NA	NA
	06/19/03	NA	NA	NA	NA	NA	NA	0.012	NA	NA	NA	NA	NA	NA	NA
	10/25/06	NA	<0.0038	0.028	NA	0.0012 V	NA	<0.0019	0.000098	NA	<0.0043	<0.0006	NA	NA	NA
	08/28/09	**0.0089 V,I**	**0.071**	0.060	**0.0091**	**0.0067**	0.046	0.011	0.000063 I	0.083	0.0068 U	0.00079 I	**0.0024**	0.019	2.0
Dissolved	08/28/09	0.00055 I	0.0085 U	NA	0.00015 I	**0.0063**	NA	NA	NA	NA	NA	NA	**0.0024**	0.012	1.6
	02/24/10	0.00026 I	0.0085 U	0.011	0.0022	0.0022	0.011	0.0013 U	0.000014 U	0.032	0.0063	0.00014 I	0.00021	0.0067	1.60
	08/25/10	0.00062	**0.052**	0.012	0.0018	0.0026	0.033	0.0013 U	0.000017 I	0.038	0.0025 I	0.00013 I	0.0012	0.011 V	1.5
	02/23/11	0.00076	**0.035**	0.0024	0.00013 U	0.00079	0.016	0.0013 U	0.000022 I	0.026	0.0022 U	0.000059 U	0.00089	0.033	0.51
	08/30/11	NA	**0.044**	0.0044 J	0.00025 U	0.0029	0.037	0.00020 U	NA	0.062	0.0044 B	NA	0.0017	0.034	0.890
	03/15/12	NA	**0.052**	NA	0.00025 U	0.0031	0.026	0.00020 U	NA	0.068	NA	NA	NA	NA	1.500
	08/25/12	NA	**0.032**	NA	0.00025 U	**0.0066**	0.028	0.00020 U	NA	0.095	NA	NA	NA	NA	1.700
	03/14/13	NA	**0.063**	NA	0.00025 U	0.00094	0.027	0.00062 J	NA	0.032	NA	NA	NA	NA	0.220
	08/28/13	NA	**0.012**	NA	0.00025 U	0.0011	0.0055	0.00020 U	NA	0.025	NA	NA	NA	NA	0.81
	03/05/14	NA	**0.21**	NA	0.00025 U	0.0034	0.065	0.00096 J	NA	0.10	NA	NA	NA	NA	NA
MW-5S-R	01/26/99	NA	<0.01	0.11	NA	<0.005	NA	**0.097**	<0.0002	NA	NA	<0.01	NA	NA	NA
	05/09/00	NA	<0.01	0.079	NA	<0.005	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/01	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/02	NA	NA	NA	NA	NA	NA	0.0065	NA	NA	NA	NA	NA	NA	NA
	06/18/03	NA	NA	NA	NA	NA	NA	0.0073	NA	NA	NA	NA	NA	NA	NA
	11/08/06	NA	<0.0038	0.14	NA	0.00064 V	NA	<0.0019	<0.00002	NA	<0.0043	0.00098 I V	NA	NA	NA
	08/27/09	0.00017 I	0.0085 U	0.025	**0.0061**	0.0013	0.019	**0.034 V**	0.000014 U	0.067	0.0022 U	0.000059 U	0.00008 I	0.012	0.30 V
	03/03/10	0.00040 I	0.0085 U	0.079	0.00019 I	0.00032 U	0.0047	0.0013 U	0.000014 U	0.0046 I	0.0044 U	0.00012 U	0.00013 U	0.0021	0.039
	08/31/10	0.0015 U	**0.087**	0.075	**0.0053**	0.00040 I	0.02	**0.03**	0.000014 U	0.033	0.044 U	0.0012 U	0.0013 U	0.0055	0.17
Dissolved	08/31/10	NA	**0.072**	NA	NA	NA	NA	0.014	NA	NA	NA	NA	NA	NA	NA
	03/01/11	0.00096	**0.012**	0.088	0.00056	0.00032 U	0.016	0.0013 U	0.000025 I	0.012	0.0022 U	0.000059 U	0.000067 U	0.0044	0.068
Dissolved	03/01/11	NA	0.0085 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/29/11	NA	**0.091**	0.018	**0.013**	0.0010 J	0.047 J	**0.140**	NA	0.100	**0.150**	NA	0.00050 U	0.038 U	0.480
	03/14/12	NA	0.0046	NA	0.00087	0.00035 J	NA	0.0055	NA	0.020	NA	NA	NA	NA	NA
Dissolved	03/14/12	NA	0.0030	NA	0.00039 J	0.00029 J	NA	0.0037	NA	0.020	NA	NA	NA	NA	NA
	08/22/12	NA	0.0058	NA	0.00025 U	0.000095 U	NA	0.00020 U	NA	0.011	NA	NA	NA	NA	NA
Dissolved	08/22/12	NA	0.0058	NA	0.00035 J	0.000095 U	NA	0.00052 J	NA	0.0097	NA	NA	NA	NA	NA
	03/13/13	NA	0.0027	NA	0.00036 J	0.00013 J	NA	0.0017	NA	0.0091	NA	NA	NA	NA	NA
Dissolved	03/13/13	NA	0.0013 U	NA	0.00025 U	0.00011 J	NA	0.00020 U	NA	0.0094	NA	NA	NA	NA	NA
	08/21/13	NA	0.0031	NA	0.00025 U	0.000095 U	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	03/10/14	NA	0.0019 J	NA	0.00025 U	0.000095 U	NA	0.00041 J	NA	0.0020 U	NA	NA	NA	NA	NA

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**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**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-6S-R	01/26/99	<0.025*	<0.05*	<0.05*	<0.02*	<0.025*	0.41	<0.025*	<0.0002	**0.34**	<0.05*	<0.05*	**0.0022**	0.068	1.4
	05/08/00	<0.005	<0.01	0.01	**0.0078**	**0.012**	0.28	**0.033**	<0.0002	**0.39**	<0.01	<0.01	<0.002	**0.22**	1.3
	11/13/01	NA	NA	NA	**0.012**	**0.053**	NA	**0.27**	**0.3**	NA	NA	NA	NA	NA	NA
	12/22/02	<0.10*	**0.075**	<0.050*	**0.027**	<0.025*	0.24	**0.12**	<0.0002	**0.36**	<0.050*	<0.050*	<0.050*	0.14	1.8
	06/18/03	NA	NA	NA	NA	NA	NA	**0.12**	NA	NA	NA	NA	NA	NA	NA
	11/08/06	**0.012**	**0.092**	0.025	**0.017**	**0.032 V**	0.29 V	**0.068**	0.000042 I	**0.27**	<0.0043	<0.0006	**0.0027 I**	0.0029 V	**2.0 V**
	08/26/09	0.00073 U	0.0036 U	0.020	**0.045**	**0.140**	0.23	**0.410**	0.000068 I	**0.75**	**0.590**	0.0006 I	0.00067 U	**0.210**	**4.7**
	03/02/10	0.00015 U	0.0085 U	0.00028 U	**0.0064**	**0.01**	0.12	0.0013 U	0.000014 U	**0.14**	0.0044 U	0.00012 U	0.00022 I	0.0023	1.0
	08/31/10	0.0015 U	**0.18**	0.0096	**0.021**	**0.018**	0.33	**0.09**	0.000031 I	**0.39**	0.044 U	0.0012 U	0.0017 I	**0.051**	1.9
	03/01/11	0.00015 I,J4	**0.023**	0.0079	**0.012**	**0.018**	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
	08/25/11	NA	0.0098	0.014	**0.017**	**0.021**	0.300	**0.022**	NA	**0.3100**	0.017 B	NA	0.0012	0.012	1.800
	03/13/12	NA	**0.0140**	NA	**0.014**	**0.020**	NA	0.0073	NA	**0.2900**	NA	NA	NA	NA	1.700
	08/22/12	NA	**0.570**	NA	**0.041**	**0.016**	NA	**0.160**	NA	**0.590**	NA	NA	NA	NA	**3.200**
	03/12/13	NA	**0.018**	NA	**0.0061**	**0.0053**	NA	0.013	NA	**0.130**	NA	NA	NA	NA	0.810
	08/22/13	NA	0.0014 J	NA	0.0021	0.0022	NA	0.0011 J	NA	**0.046**	NA	NA	NA	NA	0.390
	03/04/14	NA	0.0049	NA	**0.0052**	**0.0059**	NA	0.0018	NA	**0.11**	NA	NA	NA	NA	0.91
MW-6I	05/09/00	NA	<0.01	0.16	NA	<0.005	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/01	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	06/18/03	NA	NA	NA	NA	NA	NA	0.0054	NA	NA	NA	NA	NA	NA	NA
	10/24/06	NA	<0.0038	0.049	NA	0.00038 V	NA	0.0057 I	0.000055 I	NA	<0.0043	<0.0006	NA	NA	NA
	08/27/09	0.000073 U	0.0085 U	0.057	0.00099	0.00032 U	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
	03/01/10	0.00015 U	0.0085 U	0.08	0.0011	0.00032 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
	08/31/10	0.000073 U	0.0085 U	0.085	0.00079	0.00032 U	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
	03/02/11	0.000073 U	0.0085 U	0.074	0.00082	0.00032 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
	08/25/11	NA	0.0013 U	0.085	0.0013	0.00011 J	0.0028 J	0.0052	NA	0.0047 J	0.0010 U	NA	0.00050 U	0.0038 U	0.021
	03/14/12	NA	0.0013 U	NA	NA	NA	NA	0.0034	NA	0.0039 J	NA	NA	NA	NA	NA
	08/23/12	NA	0.0013 U	NA	NA	NA	NA	0.0041	NA	0.0026 J	NA	NA	NA	NA	NA
	03/13/13	NA	0.0013 U	NA	NA	NA	NA	0.0028	NA	0.0034 J	NA	NA	NA	NA	NA
	08/23/13	NA	0.0013 U	NA	NA	NA	NA	0.0020	NA	0.0020 U	NA	NA	NA	NA	NA
	03/11/14	NA	0.0013 U	NA	NA	NA	NA	0.0035	NA	0.0036 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	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**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**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-7S-R	01/26/99	<0.025*	<0.05*	<0.05*	<0.02*	<0.025*	<0.12*	**0.05**	<0.0002	<0.2*	<0.05*	<0.05*	**0.0029**	0.061	0.25
	05/0900	<0.005	**0.017**	0.017	**0.0047**	<0.005	<0.025	**0.036**	<0.0002	<0.04	<0.01	<0.01	<0.002	0.061	0.28
	11/12/01	NA	NA	NA	0.0034	NA	NA	**0.033**	<0.05	NA	NA	NA	NA	NA	NA
	12/23/02	NA	NA	NA	<0.0040	NA	NA	0.0094	NA	<0.04	NA	NA	NA	NA	NA
	06/18/03	NA	NA	NA	NA	NA	NA	0.0098	NA	NA	NA	NA	NA	NA	NA
	11/08/06	**0.0077 I**	<0.0038	0.0027	**0.0044**	**0.0066 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
	09/01/09	0.000087 I	0.0085 U	0.00028 U	**0.0079**	0.0028	0.11	0.0013 U	0.000014 U	**0.15**	0.0022 U	0.000059 U	0.000074 I	**0.032**	1.1
	03/02/10	0.00047 I	0.0085 U	0.019	**0.0042**	0.0014	0.057	0.0013 U	0.000014 U	0.098	0.0044 U	0.00012 U	0.00015 I	0.015	0.66
	09/01/10	0.00014 I	**0.017**	0.015	**0.0062**	0.0016	0.079	0.0013 U	0.000015 I	0.10	0.0022 U	0.000059 U	0.000094 I	**0.058**	0.68
Dissolved	09/01/10	NA	**0.012**	NA	**0.0058**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/01/11	0.00013 I,J4	**0.017**	0.042	**0.0041**	0.0014	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	03/01/11	NA	**0.020**	NA	**0.0045**	NA	NA	NA	NA	**0.12**	NA	NA	NA	NA	NA
	08/29/11	NA	0.0076	0.0030 J	**0.011**	0.0035	0.120	0.0013 J	NA	**0.190 B**	0.0020 J	NA	0.00050 U	0.084	1.200
Dissolved	08/29/11	NA	0.0044	0.0030 J	**0.0096**	0.0031	0.094	0.0014 J	NA	**0.160**	0.0083 B	NA	0.00050 U	0.075	0.940
	03/13/12	NA	0.0034	NA	**0.0043**	NA	NA	0.00057 J	NA	0.100	NA	NA	NA	NA	NA
	08/22/12	NA	0.0018 J	NA	**0.0054**	NA	NA	0.00044 J	NA	0.087	NA	NA	NA	NA	NA
Dissolved	08/22/12	NA	0.0021 J	NA	**0.0053**	NA	NA	0.00041 J	NA	0.091	NA	NA	NA	NA	NA
	03/12/13	NA	0.0034	NA	**0.0045**	NA	NA	0.0025	NA	**0.120**	NA	NA	NA	NA	NA
Dissolved	03/12/13	NA	0.0034	NA	**0.0046**	NA	NA	0.0023	NA	0.100	NA	NA	NA	NA	NA
	08/20/13	NA	0.0017 J	NA	**0.0056**	NA	NA	0.0024	NA	0.100	NA	NA	NA	NA	NA
Dissolved	08/20/13	NA	0.0021 J	NA	**0.0057**	NA	NA	0.0016	NA	0.092	NA	NA	NA	NA	NA
	03/05/14	NA	0.0043	NA	**0.0051**	NA	NA	0.0021	NA	**0.12**	NA	NA	NA	NA	NA
Dissolved	03/05/14	NA	0.0042	NA	**0.0052**	NA	NA	0.0016	NA	**0.12**	NA	NA	NA	NA	NA
MW-7I	05/08/00	NA	<0.01	0.58	NA	<0.005	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/01	NA	NA	NA	NA	NA	NA	**0.026**	NA	NA	NA	NA	NA	NA	NA
	12/22/01	NA	NA	NA	NA	NA	NA	**0.035**	NA	NA	NA	NA	NA	NA	NA
	06/19/03	NA	NA	NA	NA	NA	NA	**0.042**	NA	NA	NA	NA	NA	NA	NA
	10/25/06	NA	<0.0038	2.0	NA	0.0008 V	NA	**0.045**	0.00049	NA	<0.0043	<0.0006	NA	NA	NA
	08/26/09	0.000073 U	0.0085 U	**2.4**	**0.0053**	0.00075	0.016	**0.045**	0.00058	0.0095	0.0022 U	0.000059 U	0.000087 I	0.00049 I	0.13
	02/23/10	0.00011 I	0.0085 U	0.36	0.00044	0.00032 U	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
	08/25/10	0.00016 I	0.0085 U	0.13	0.00013 U	0.00032 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
	02/23/11	0.000073 U,J4	**0.019**	**2.5 J4**	**0.0053**	0.00034 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
	08/23/11	NA	0.0085	**2.5**	**0.0064**	0.00078	0.016	**0.067**	NA	0.015	0.016	NA	0.0005 U	0.0038 U	0.120
	03/14/12	NA	0.0081	**2.1**	**0.0046**	NA	NA	**0.049**	NA	0.012	NA	NA	NA	NA	NA
	08/23/12	NA	0.0027	1.7	0.0040	NA	NA	**0.043**	NA	0.0087	NA	NA	NA	NA	NA
	03/12/13	NA	0.0089	**2.3**	**0.0047**	NA	NA	**0.055**	NA	0.015	NA	NA	NA	NA	NA
	08/27/13	NA	0.0061	**2.3**	**0.0049**	NA	NA	**0.057**	NA	0.014	NA	NA	NA	NA	NA
	03/11/14	NA	0.0079	**2.7**	**0.0057**	NA	NA	**0.052**	NA	0.015	NA	NA	NA	NA	NA
Dissolved	03/11/14	NA	0.0081	**2.8**	**0.0058**	NA	NA	**0.053**	NA	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	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**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**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-8S	01/26/99	<0.005	<0.2*	<0.2*	<0.08*	<0.1*	<0.5*	**0.36**	<0.0002	<0.8*	<0.2*	<0.2*	**0.0021**	<0.2*	0.49
	05/09/00	<0.005	<0.05*	<0.05*	<0.02*	<0.025*	<0.12*	**0.26**	<0.0002	<0.2*	<0.05*	<0.05*	<0.002	<0.05*	0.37
	11/13/01	NA	NA	NA	**0.0056**	0.0031	NA	**0.29**	NA	<0.05	NA	NA	NA	NA	NA
	12/23/02	<0.10*	**0.084**	<0.050*	<0.020*	<0.025*	<0.10*	**0.31**	<0.0002	<0.20*	<0.050*	<0.050*	<0.50*	<0.050*	0.5
Dissolved	12/23/02	<0.20*	<0.050*	<0.10*	<0.040*	<0.050*	<0.20*	**0.35**	NA	<0.40*	<0.10*	<0.10*	<0.10*	<0.10*	0.62
	06/18/03	NA	NA	NA	NA	NA	NA	**0.3**	NA	NA	NA	NA	NA	NA	NA
MW-8I	03/02/10	0.00015 U	0.0085 U	0.15	0.00081	0.00032 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
	08/31/10	0.00022 I	0.0085 U	0.15	0.0011	0.00032 U	0.0064	0.011	0.000014 U	0.0014 I	0.0022 U	0.000059 U	0.00022	0.00022 I	0.16
	03/01/11	0.000074 I	0.0085 U	0.085	0.00046	0.00032 U	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
	08/25/11	NA	0.0013 U	0.086	0.00057	0.000095 U	0.0022 J	0.0060	NA	0.0034 J	0.0032 B	NA	0.00050 U	0.0038 U	0.018 J
	03/13/12	NA	0.0013 U	NA	NA	NA	NA	0.0067	NA	0.0022 J	NA	NA	NA	NA	NA
	08/22/12	NA	0.0013 U	NA	NA	NA	NA	0.013	NA	0.0043 J	NA	NA	NA	NA	NA
	03/12/13	NA	0.0013 J	NA	NA	NA	NA	0.012	NA	0.0047 J	NA	NA	NA	NA	NA
	08/22/13	NA	0.0013 U	NA	NA	NA	NA	0.013	NA	0.0037 J	NA	NA	NA	NA	NA
	03/04/14	NA	0.0013 J	NA	NA	NA	NA	0.010	NA	0.0033 J	NA	NA	NA	NA	NA
MW-9S-R	0126/99	NA	<0.01	0.11	NA	<0.005	NA	0.0084	<0.0002	NA	NA	<0.01	NA	NA	NA
	05/09/00	NA	<0.01	0.13	NA	<0.005	NA	0.0056	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/12/01	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/23/02	<0.006	<0.010	0.9	**0.0052**	<0.0050	0.022	0.0097	NA	<0.04	<0.01	NA	<0.01	<0.01	1
	06/18/03	NA	NA	NA	NA	NA	NA	0.0069	NA	NA	NA	NA	NA	NA	NA
	11/08/06	NA	<0.0038	0.025	NA	**0.0096 V**	NA	0.0059 I	<0.00002	NA	<0.0043	0.00092 I V	NA	NA	NA
	08/26/09	0.000095 I	**0.029**	0.019	0.0040	0.0017	0.0038 I	**0.020**	0.000014 U	0.026	0.0030 I	0.000059 U	0.000098 I	0.00049 I	1.4
	03/02/10	0.00072 I	**0.095**	0.015	**0.0049**	0.0011	0.0035 I	**0.033**	0.000014 U	0.02	0.033	0.00012 U	0.00041	0.00018 U	0.97
	09/01/10	0.00013 I	**0.081**	0.018	0.0035	0.0007	0.0048	**0.027**	0.000014 U	0.014	0.0036 I	0.000059 U	0.00031	0.00050 I	0.86
	03/01/11	0.000087 I,J4	**0.075**	0.016	0.0032	0.00056 I	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
	08/29/11	NA	**0.038**	0.017	0.0038	0.00080 J	0.0049 J	**0.0370**	NA	0.017	**0.057**	NA	0.00050 U	0.0076 U	0.560
	03/13/12	NA	**0.053**	NA	NA	NA	NA	**0.0260**	NA	0.015	NA	NA	NA	NA	NA
	08/22/12	NA	**0.055**	NA	NA	NA	NA	**0.032**	NA	0.014	NA	NA	NA	NA	NA
	03/12/13	NA	**0.049**	NA	NA	NA	NA	**0.028**	NA	0.011	NA	NA	NA	NA	NA
	08/20/13	NA	0.0074	NA	NA	NA	NA	0.0090	NA	0.0048 J	NA	NA	NA	NA	NA
	03/05/14	NA	**0.043**	NA	NA	NA	NA	**0.029**	NA	0.011	NA	NA	NA	NA	NA

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**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**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-10S-R	01/26/99	NA	<0.010	0.047	NA	<0.005	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	05/09/00	NA	<0.010	0.13	NA	<0.005	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/01	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/02	<0.20*	<0.10*	1.7	**0.04**	<0.050*	0.16	<0.0050	NA	<0.04	<0.10*	NA	<0.10*	<0.10*	0.2
	06/18/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/08/06	NA	<0.0038	0.21	NA	0.00015 I V	NA	<0.0019	<0.00002	NA	<0.0043	0.001 I V	NA	NA	NA
	08/27/09	0.000099 I	0.0085 U	0.19	0.00037	0.00032 U	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
	03/03/10	0.00018 I	0.0085 U	0.23	0.00038	0.00032 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
	08/31/10	0.00036 I	0.0085 U	0.16	0.00034	0.00032 U	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
	03/01/11	0.00012 I	0.0085 U	0.19	0.00037	0.00032 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
	08/25/11	NA	0.0013 U	0.160	0.00052	0.000095 U	0.0011 U	0.00055 J	NA	0.0024 J	0.0010 U	NA	0.00050 U	0.0038 U	0.0083 U
	03/14/12	NA	0.0025	NA	0.00025 J	0.000095 U	NA	0.00020 J	NA	0.0026 J	NA	NA	NA	NA	NA
	08/22/12	NA	0.0013 U	NA	0.00049 J	0.000095 U	NA	0.00043 J	NA	0.0032 J	NA	NA	NA	NA	NA
	03/13/13	NA	0.0013 U	NA	0.00026 J	0.000095 U	NA	0.00029 J	NA	0.0023 J	NA	NA	NA	NA	NA
	08/21/13	NA	0.0042	NA	0.00025 U	0.000095 U	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	03/10/14	NA	0.0016 J	NA	0.00025 U	0.000095 U	NA	0.00043 J	NA	0.0023 J	NA	NA	NA	NA	NA
MW-10I	11/08/06	NA	<0.0038	0.073	NA	<0.000051	NA	<0.0019	<0.00002	NA	<0.0043	0.0013 I V	NA	NA	NA
	08/27/09	0.000073 U	0.0085 U	0.090	0.00013 U	0.00032 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	0.008 V,I
	03/03/10	0.00034 I	0.0085 U	0.085	0.00013 U	0.00032 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
	08/31/10	0.000073 U	0.0085 U	0.11	0.00013 U	0.00032 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
	03/01/11	0.000087 I	0.0085 U	0.083	0.00013 U	0.00032 U	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
	08/25/11	NA	0.0013 U	0.091	0.00025 U	0.000095 U	0.0011 U	0.00020 U	NA	0.0020 U	0.0010 U	NA	0.00050 U	0.0038 U	0.0083 U
	03/14/12	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	08/22/12	NA	0.0013 U	NA	NA	NA	NA	0.00039 J	NA	0.0020 U	NA	NA	NA	NA	NA
	03/13/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	08/23/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	03/10/14	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**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**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-11S	03/04/99	NA	<0.01	0.033	NA	<0.005	NA	0.0077	<0.0002	NA	NA	<0.01	NA	NA	NA
	05/09/00	NA	<0.01	0.084	NA	<0.005	NA	**0.024**	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/01	NA	NA	NA	NA	NA	NA	0.014	NA	NA	NA	NA	NA	NA	NA
	12/23/02	<0.20*	**0.1**	**2.8**	**0.04**	<0.050*	0.18	<0.0050	NA	<0.04	<0.10*	NA	<0.10*	<0.10*	0.87
	06/18/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/24/06	<0.0026	<0.0038	0.16	<0.000017	0.00034 V	0.0036 I V	<0.0019	<0.00002	0.0079	<0.0043	<0.0006	<0.0010	0.0019 I	0.0039 I
	08/27/09	0.0014	0.0085 U	0.40	0.00013 U	0.00032 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
	03/03/10	0.0039	0.0085 U	0.068	0.00013 U	0.00032 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
	08/31/10	0.00079	**0.011**	0.22	0.00013 U	0.00032 U	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	08/31/10	NA	0.0085 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/01/11	0.0012	0.010	0.16	0.00013 U	0.00032 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
	08/25/11	NA	0.0029	0.390	0.00025 U	0.000095 U	0.0011 U	0.00020 U	NA	0.0020 U	0.0010 U	NA	0.00050 U	0.0038 U	0.0083 U
Dissolved	08/25/11	NA	0.0094	**3.000**	**0.0066**	0.0010	0.026	**0.083**	NA	0.020	0.0015 J	NA	0.0012	0.0038 U	0.130
	03/13/12	NA	0.0031	NA	NA	NA	NA	0.00020 U	NA	0.0025 J	NA	NA	NA	NA	NA
	08/22/12	NA	0.0060	NA	NA	NA	NA	0.00050 J	NA	0.0024 J	NA	NA	NA	NA	NA
Dissolved	08/22/12	NA	0.0053	NA	NA	NA	NA	0.00020 U	NA	0.0035 J	NA	NA	NA	NA	NA
	03/13/13	NA	0.0033	NA	NA	NA	NA	0.00020 U	NA	0.016	NA	NA	NA	NA	NA
	08/21/13	NA	**0.0130**	NA	NA	NA	NA	0.0064	NA	0.0039 J	NA	NA	NA	NA	NA
	03/07/14	NA	0.0030	NA	NA	NA	NA	0.00084 J	NA	0.0035 J	NA	NA	NA	NA	NA
MW-12S	05/09/00	<0.005	**0.04**	1.2	**0.012**	<0.005	0.055	**0.047**	0.0007	0.05	<0.01	<0.01	**0.0023**	<0.01	0.21
	11/13/01	NA	NA	**4.9**	**0.011**	NA	NA	**0.19**	NA	NA	NA	<0.5	<0.501	NA	NA
	12/22/02	<0.20*	<0.10*	1.7	**0.04**	<0.050*	0.16	**0.087**	0.0017	<0.40*	<0.10*	<0.10*	<0.10*	<0.10*	0.87
	06/19/03	NA	**0.11**	NA	<0.04	NA	NA	**0.086**	0.0017	<0.2	NA	NA	<0.004	NA	NA
Dissolved	06/19/03	<0.006	**0.089**	1.3	**0.023**	<0.025	0.15	**0.049**	0.0016	**0.13**	<0.05	<0.05	<0.004	<0.05	NA
	10/24/06	<0.0026	<0.0038	0.38	0.0012	0.00027 V	0.0068 V	0.004 I	0.00048	0.002 I	<0.0043	<0.0006	<0.0010	0.00064 I	0.032
	08/25/09	0.00024 I	0.00036 U	**7.1**	**0.031**	**0.054**	0.34	**0.24**	**0.0024**	**0.260**	**0.190**	0.00018 I	0.00022	0.0017 U	1.3
Dissolved	08/25/09	NA	**NA**	**7.6**	**0.041**	**0.0054**	NA	**0.25**	0.00003 I	**0.250**	NA	NA	NA	NA	NA
	02/23/10	0.00011 I	**0.38**	**3.3**	**0.033**	**0.0062**	0.35	**0.19**	0.0017	**0.20**	**0.14**	0.00029 I	**0.0028**	0.0036	1.50
Dissolved	02/23/10	NA	**0.22**	0.79	**0.021**	0.0039	NA	**0.054**	NA	**0.14**	0.014	NA	**0.0021**	NA	NA
	08/25/10	0.00017 I	**0.18**	0.76	**0.02**	0.0031	0.21	**0.068**	0.0018	**0.13**	0.022	0.00018 I	**0.003**	0.00018 U	0.76
	02/23/11	0.0011 I,J4	**0.44**	1.8 J4	**0.040**	0.0036	0.40	**0.140**	**0.0021**	**0.24**	0.022 U,J4	0.00059 U J4	**0.0027 J4**	0.00068 I	1.3
	08/26/11	NA	**0.130**	0.590	**0.035**	0.0037 J	0.200	**0.060**	NA	**0.180**	**0.210 B**	NA	**0.0023**	0.076 U	0.760
	03/15/12	NA	**0.100**	0.710	**0.034**	**0.0058 J**	0.320	**0.062**	NA	**0.240**	**0.17**	NA	**0.0027**	NA	1.2
	08/23/12	NA	**0.160**	1.3	**0.041**	**0.0067**	0.340	**0.051**	NA	**0.240**	0.023	NA	0.0015	NA	1.4
	03/13/13	NA	**0.210**	1.3	**0.035**	0.0050	0.260	**0.085**	NA	**0.180**	**0.054**	NA	0.0014	NA	1.1
	08/20/13	NA	**0.210**	0.610	**0.037**	0.0060	0.350	**0.065**	NA	**0.250**	**0.570**	NA	**0.0024**	NA	1.200
	03/11/14	NA	**0.24**	1.3	**0.044**	0.0023	0.30	**0.050**	NA	**0.21**	0.038	NA	0.0019 J	NA	1.3

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**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**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-12I	03/04/99	NA	<0.01	0.36	NA	<0.005	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	05/09/00	NA	<0.01	0.38	NA	<0.005	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/01	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/02	NA	NA	NA	NA	NA	NA	0.0053	NA	NA	NA	NA	NA	NA	NA
	06/19/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/24/06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/25/09	0.000079 I	0.0085 U	0.55	0.0018	0.00032 U	0.0072	0.0019 I	0.00081	0.0088	0.0022 U	0.000059 U	0.000067 U	0.00024 I	0.048
	02/23/10	0.00010 I	0.0085 U	0.050	0.0015	0.00032 U	0.0087	0.0027 I	0.0011	0.0095	0.0022 U	0.000059 U	0.0002	0.0016	0.082
	08/25/10	0.000073 U	0.0085 U	0.59	0.0018	0.00032 U	0.007	0.0063 I	0.00086	0.0062 I	0.0022 U	0.000059 U	0.00026	0.0021 V	0.046
	02/23/11	0.000073 U	0.0085 U	0.59	0.0017	0.00032 U	0.0065	0.0035 I	0.00088	0.0056 I	0.0022 U	0.000059 U	0.00028	0.00030 I	0.050
	08/26/11	NA	0.0013 U	0.550	0.0020	0.000095 U	0.0052	0.0062	NA	0.0075	0.0010 U	NA	0.00050 U	0.0038 U	0.037
	03/15/12	NA	0.0013 U	0.550	0.0013	NA	NA	0.0064	NA	0.0066	NA	NA	NA	NA	NA
	08/23/12	NA	0.0013 U	0.510	0.0015	NA	NA	0.0059	NA	0.0067	NA	NA	NA	NA	NA
	03/13/13	NA	0.0013 U	0.460	0.0015	NA	NA	0.0054	NA	0.0077	NA	NA	NA	NA	NA
	08/20/13	NA	0.0013 U	0.490	0.0020	NA	NA	0.0069	NA	0.0083	NA	NA	NA	NA	NA
	03/11/14	NA	0.0013 U	0.53	0.0020	NA	NA	0.0069	NA	0.0090	NA	NA	NA	NA	NA
MW-13S-R	05/09/00	NA	<0.01	0.17	NA	<0.005	NA	0.0096	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/01	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/02	<0.02	<0.01	<0.01	<0.004	<0.005	<0.02	<0.005	NA	<0.04	<0.01	NA	<0.002	<0.01	0.86
	06/18/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/08/06	NA	<0.0038	0.46	NA	<0.000051 V	NA	<0.0019	<0.00002	NA	<0.0043	0.0016 I V	NA	NA	NA
	08/26/09	0.00034 I	0.0085 U	0.066	0.00013 U	0.00032 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
	03/02/10	0.00022 I	0.0085 U	0.19	0.00013 U	0.00032 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
	09/01/10	0.000073 U	0.0085 U	0.07	0.00013 U	0.00032 U	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
	03/01/11	0.00039 I	0.0085 U	0.037	0.00013 U	0.00032 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
	08/29/11	NA	0.0013 U	0.036	0.00025 U	0.00014 J	0.0011 U	0.00020 U	NA	0.0026 J	0.0022 J	NA	0.00050 U	0.0038 U	0.0083 U
	03/13/12	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0023 J	NA	NA	NA	NA	NA
	08/22/12	NA	0.0013 U	NA	NA	NA	NA	0.0010 J	NA	0.0035 J	NA	NA	NA	NA	NA
Dissolved	08/22/12	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0030 J	NA	NA	NA	NA	NA
	03/13/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0029 J	NA	NA	NA	NA	NA
	08/20/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0036 J	NA	NA	NA	NA	NA
	03/07/14	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0035 J	NA	NA	NA	NA	NA
MW-13I	06/20/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/25/06	NA	<0.0038	0.064	NA	0.000088 I V	NA	<0.0019	<0.00002	NA	<0.0043	<0.0006	NA	NA	NA
	08/25/09	0.00014 I	0.0085 U	0.061	0.00013 U	0.00032 U	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
	02/23/10	0.00020 I	0.0085 U	0.11	0.00013 U	0.00032 U	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
	08/24/10	0.00012 I	0.0085 U	0.039	0.00013 U	0.00032 U	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
	02/22/11	0.00017 I	0.0085 U	0.071	0.00013 U	0.00032 U	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
	08/23/11	NA	0.0013 U	0.088	0.00025 U	0.000095 U	0.0011 U	0.00020 U	NA	0.0020 U	0.0010 U	NA	0.00050 U	0.0085 J	0.0083 U
	03/14/12	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.002 U	NA	NA	NA	NA	NA
	08/23/12	NA	0.0013 U	NA	NA	NA	NA	0.00024 J	NA	0.0020 U	NA	NA	NA	NA	NA
	03/13/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	08/20/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	03/10/14	NA	0.0013 U	NA	NA	NA	NA	0.00047 J	NA	0.0022 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	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**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**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-14S	05/09/00	NA	<0.01	0.071	NA	<0.005	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/01	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/02	NA	NA	NA	NA	NA	NA	<0.025*	NA	NA	NA	NA	NA	NA	NA
	06/18/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
MW-15S	05/08/00	<0.005	**0.024**	0.13	**0.0059**	<0.005	<0.025	0.015	<0.0002	<0.04	<0.01	<0.01	<0.002	<0.01	0.22
	11/13/01	NA	**0.028**	NA	0.0024	NA	NA	**0.021**	NA	NA	NA	NA	NA	NA	NA
	12/22/02	<0.006	**0.012**	0.22	<0.0040	<0.005	<0.020	**0.016**	0.00047	<0.04	<0.01	<0.01	<0.002	<0.01	0.2
	06/19/03	NA	NA	NA	NA	NA	NA	**0.018**	NA	NA	NA	NA	NA	NA	NA
	10/25/06	<0.0026	**0.025**	0.10	0.0039	0.0014 V	0.043 V	**0.025**	0.00018	0.027	<0.0043	<0.0006	<0.0010	0.0028	0.35
	08/25/09	0.00010 I	**0.028**	0.073	**0.0042**	0.0012	0.041	**0.021**	0.00017	0.029	0.0022 U	0.000059 U	0.00016 I	0.00092 I	0.37
	02/23/10	0.000096 I	**0.045**	0.059	**0.0042**	0.00120	0.042	**0.023**	0.00041	0.0340	0.025	0.000059 U	0.0004	0.00018 U	0.38
	08/25/10	0.00028 I	**0.045**	0.069	0.004	0.0012	0.039	**0.030**	0.00023	0.027	0.0037 I	0.000059 U	0.00043	0.0025 V	0.39
	02/23/11	0.000073 U,J4	**0.060**	0.058 J4	0.0039	0.00078	0.038	**0.025**	0.00016	0.030	0.0022 U,J4	0.000059 U,J4	0.00044 J4	0.00018 U	0.37
	08/24/11	NA	**0.033**	0.063	**0.0048**	0.0011	0.030	**0.031**	NA	0.032	**0.072**	NA	0.00050 U	0.0076 U	0.330
	03/14/12	NA	**0.013**	NA	0.0040	NA	NA	**0.033**	NA	0.030	NA	NA	NA	NA	NA
	08/23/12	NA	**0.066**	NA	**0.0047**	NA	NA	**0.028**	NA	0.044	NA	NA	NA	NA	NA
	03/13/13	NA	**0.044**	NA	**0.0043**	NA	NA	**0.027**	NA	0.039	NA	NA	NA	NA	NA
	08/27/13	NA	**0.037**	NA	**0.0049**	NA	NA	**0.031**	NA	0.049	NA	NA	NA	NA	NA
	03/11/14	NA	**0.054**	NA	**0.0053**	NA	NA	**0.029**	NA	0.043	NA	NA	NA	NA	NA
MW-16S	08/07/00	NA	<0.01	1.8	NA	<0.005	NA	**0.02**	NA	NA	NA	NA	NA	NA	NA
	11/13/01	NA	NA	0.95	NA	NA	NA	**0.075**	NA	NA	NA	NA	NA	NA	0.33
	12/22/02	<0.006	<0.01	0.9	**0.0052**	<0.005	0.022	**0.054**	<0.0002	<0.04	<0.01	<0.01	<0.002	<0.01	0.2
	06/20/03	NA	NA	NA	**0.0044**	NA	0.021	**0.046**	NA	NA	NA	NA	NA	NA	NA
MW-17S	08/08/00	NA	**0.15**	0.022	NA	**0.15**	NA	<0.0050	NA	NA	NA	NA	NA	NA	NA
	11/13/01	NA	**0.3**	NA	NA	**0.1**	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/02	NA	**0.6**	NA	NA	**0.14**	NA	0.011	NA	NA	NA	NA	NA	NA	NA
	06/19/03	NA	**0.88**	NA	NA	**0.18**	NA	0.011	NA	NA	NA	NA	NA	NA	NA

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**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**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-18S	08/08/00	NA	<0.01	0.52	NA	<0.005	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/14/01	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/02	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	06/19/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/25/06	NA	<0.0038	0.65	NA	0.00047 V	NA	0.0028 I	0.00024	NA	<0.0043	<0.0006	NA	NA	NA
	08/31/09	0.00047 I	0.0085 U	0.31	0.0012	0.00032 U	0.0033 I	0.0013 U	0.000039 I	0.0038 I	0.0022 U	0.000059 U	0.00022	0.0018	0.084
	02/25/10	0.00023 I	0.0085 U	0.24	0.00095	0.00074	0.0031 I	0.0013 U	0.00014	0.0083	0.0022 U	0.000059 U	0.0003	0.0016	0.49
	08/26/10	0.00012 I	0.0085 U	0.11	0.00067	0.00032 U	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
	02/24/11	0.00055 I	0.0085 U	0.24	0.00083	0.00062	0.0026 I	0.0013 U	0.00015	0.0067	0.0022 U	0.000059 U	0.00019 I	0.0018	0.35
	08/29/11	NA	0.0015 J	0.032	0.00025 U	0.000095 U	0.0011 U	0.00020 U	NA	0.0033 J	0.0012 J,B	NA	0.00050 U	0.0038 U	0.024
	03/16/12	NA	0.0013 J	0.280	0.00120	0.00024 J	0.0012 J	0.00020 U	NA	0.0130	NA	NA	0.00050 U	NA	0.081
	08/23/12	NA	0.0013 U	0.130	0.00058	0.000095 U	0.0013 J	0.00027 J	NA	0.0064	NA	NA	0.00050 U	NA	0.039
	03/14/13	NA	0.0016 J	0.360	0.0018	0.00036 J	0.0014 J	0.00020 U	NA	0.015	NA	NA	0.00050 U	NA	0.100
	08/28/13	NA	0.0016 J	0.16	0.00082	0.00013 J	0.0011 U	0.00020 U	NA	0.0066	NA	NA	0.00050 U	NA	0.061
	03/07/14	NA	0.0013 U	0.31	0.0014	0.00050	0.0016 J	0.00020 U	NA	0.014	NA	NA	0.00050 U	NA	0.13
MW-19S	08/08/00	NA	**0.08**	0.039	NA	**0.044**	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/13/01	NA	**0.072**	NA	NA	**0.048**	NA	**0.02**	NA	NA	NA	NA	NA	NA	NA
	12/22/02	<0.006	**0.035**	0.026	<0.004	**0.045**	0.34	0.012	<0.0002	**0.2**	0.016	<0.01	<0.002	<0.01	**22**
	06/19/03	NA	**0.039**	NA	NA	**0.031**	0.2	0.011	NA	**0.15**	0.014	NA	NA	NA	**15**
	10/25/06	0.0031 I	0.0089 I	0.013	0.0011	**0.019 V**	0.24 V	<0.0019	0.00003 I	0.082	<0.0043	0.003	<0.0010	**0.022**	**9.2**
Dissolved	10/25/06	NA	NA	NA	NA	**0.0190**	0.25 V	NA	NA	0.085	NA	NA	NA	**0.022**	**9.6 V**
	08/31/09	0.0014	0.0085 U	0.0031	0.00013 U	**0.37**	0.13	0.0013 U	0.000014 U	0.058	0.0044 I	0.00035	0.0012	**0.020**	**2.2**
	02/24/10	0.0012	0.0085 U	0.015	0.00039	**0.013**	0.19	0.0013 U	0.000014 U	0.078	0.0042 I	0.00084	0.00075	**0.026**	**7.9**
	08/25/10	0.00062	**0.033**	0.015	0.00032	**0.012**	0.13	0.0013 U	0.000014 U	0.06	0.0056	0.00027 I	0.0014	0.015 V	**5.3**
	02/23/11	0.00080	**0.044**	0.0069	0.00025 I	**0.0085**	0.15	0.0013 U	0.000014 U	0.062	0.0022 U	0.00019 I	0.00078	0.014	**5.2**
	08/30/11	NA	**0.025**	0.0042 J	0.00036 J	**0.011**	0.170	0.00020 J	NA	0.068	0.0023 J, B	NA	0.00080 J	0.019	**5.0**
	03/15/12	NA	**0.018**	NA	NA	**0.0069**	NA	0.00020 U	NA	0.046	NA	NA	NA	NA	**4.3**
	08/25/12	NA	**0.024**	NA	NA	**0.0069**	NA	0.0017	NA	0.054	NA	NA	NA	NA	**3.9**
	03/14/13	NA	**0.015**	NA	NA	**0.0080**	NA	0.00020 U	NA	0.055	NA	NA	NA	NA	**5.6**
	08/29/13	NA	**0.014**	NA	NA	**0.011**	NA	0.00087 J	NA	0.070	NA	NA	NA	NA	**4.9**
	03/05/14	NA	**0.013**	NA	NA	**0.0054**	NA	0.0010 J	NA	0.042	NA	NA	NA	NA	**3.6**

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**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**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-20S	08/08/00	NA	**0.62**	0.26	NA	<0.005	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/13/01	NA	<0.010	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/21/02	NA	<0.010	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	06/19/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/07/06	NA	<0.0038	0.26	NA	0.00017 I V	NA	<0.0019	<0.00002	NA	<0.0043	0.0011 I V	NA	NA	NA
Dissolved	11/07/06	NA	<0.0038	0.25	NA	0.00013 I V	NA	<0.0019	<0.00002	NA	<0.0043	0.0012 I V	NA	NA	NA
	08/28/09	0.0001 I	0.0085 U	0.24	0.00013 U	0.00032 U	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
	02/25/10	0.000074 I	0.0085 U	0.23	0.00013 U	0.00032 U	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
	08/25/10	0.00072	0.0085 U	0.20	0.00013 U	0.00032 U	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
	02/28/11	0.00023 I	0.0085 U	0.23	0.00013 U	0.00032 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
	08/30/11	NA	0.0013 U	0.210	0.00025 U	0.000095 U	0.0067	0.00036 J	NA	0.0037 J	0.0015 J, B	NA	0.00050 U	0.0038 U	0.021
	03/15/12	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	08/25/12	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	03/14/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	08/28/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	03/05/14	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
MW-21S	12/23/02	<0.006	<0.01	0.17	<0.004	<0.005	0.021	0.012	NA	<0.04	<0.01	NA	<0.002	0.034	0.038
Dissolved	12/23/02	NA	NA	0.14	NA	NA	NA	<0.0050	NA	NA	NA	NA	NA	NA	NA
	06/20/03	NA	NA	NA	NA	NA	0.016	**0.028**	NA	NA	NA	NA	NA	0.03	NA
Dissolved	06/20/03	NA	NA	NA	NA	NA	<0.014	<0.005	NA	NA	NA	NA	NA	<0.01	NA
	10/25/06	NA	<0.0038	0.18	NA	**0.0095 V**	NA	<0.0019	<0.00002	NA	<0.0043	<0.0006	NA	NA	NA
Dissolved	10/25/06	NA	NA	NA	NA	**0.0090**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/28/09	**0.019 V,I**	0.0085 U	0.065	**0.0042**	**0.0074**	0.013	0.0013 U	0.000014 U	0.055	0.0068 U	0.00080 I	0.00024	0.0051	1.1
Dissolved	08/28/09	0.00065	NA	NA	0.0022	**0.0072**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/24/10	0.00081	0.0085 U	0.07	**0.0053**	**0.006**	0.011	0.0013 U	0.000014 U	0.052	0.013	0.000059 U	0.00042	0.0067	1.20
Dissolved	02/24/10	NA	NA	NA	0.0022	**0.0058**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/24/10	0.00086	**0.012**	0.058	0.0022	0.0046	0.010	0.0013 U	0.000014 U	0.046	0.0053	0.000059 U	0.00041	0.0059 V	0.86
	02/23/11	0.00065	**0.019**	0.044	0.00088	0.0022	0.0079	0.0013 U	0.000014 U	0.027	0.0022 U	0.000059 U	0.00024	0.0023	0.47
	08/26/11	NA	0.0017 J	0.035	0.00025 U	0.00074	0.0095	0.00020 U	NA	0.0094	0.0019 J	NA	0.00050 U	0.0038 U	0.120
	03/16/12	NA	0.0018 J	NA	0.00074	0.00170	NA	0.00020 U	NA	0.0270	NA	NA	NA	NA	NA
	08/21/12	NA	0.0019 J	NA	0.0010	0.0016	NA	0.00020 U	NA	0.030	NA	NA	NA	NA	NA
	03/18/13	NA	0.0018 J	NA	0.00085	0.0013	NA	0.00022 J	NA	0.028	NA	NA	NA	NA	NA
	08/27/13	NA	0.0041	NA	0.00060	0.0011	NA	0.00022 J	NA	0.035	NA	NA	NA	NA	NA
	03/11/14	NA	0.0050	NA	0.00025 U	0.000095 U	NA	0.00051 J	NA	0.014	NA	NA	NA	NA	NA

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**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**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-22S	12/22/02	<0.10*	**0.075**	0.37	<0.004	<0.025*	0.24	<0.005	NA	<0.04	<0.050*	NA	<0.050*	0.14	1.8
	06/20/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/27/06	<0.0034	<0.0038	0.15 V	0.00033	<0.000051	<0.00096	<0.0019	<0.00002	0.0058 I V	<0.0043	0.0011 I V	<0.0010	0.00093 I	0.026 V
	08/31/09	0.000084 I	0.0085 U	0.11	0.00018 I	0.00032 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
	02/25/10	0.00034 I	0.0085 U	0.11	0.00013 U	0.00032 U	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**
	08/26/10	0.000094 I	0.0085 U	0.097	0.00013 U	0.00032 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
	02/24/11	0.00038 I	0.0085 U	0.150	0.00013 U	0.00032 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
	08/30/11	NA	0.0013 U	0.150	0.00025 U	0.000095 U	0.0011 U	0.00020 U	NA	0.0039 J	0.0022 J	NA	0.00050 U	0.0038 U	0.0083 U
	03/16/12	NA	0.0013 J	NA	NA	NA	NA	0.00020 U	NA	0.0043 J	NA	NA	NA	NA	NA
	08/24/12	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0053	NA	NA	NA	NA	NA
	03/19/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0040 J	NA	NA	NA	NA	NA
	08/28/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0038 J	NA	NA	NA	NA	NA
	03/07/14	NA	0.0016 J	NA	NA	NA	NA	0.00020 U	NA	0.0023 J	NA	NA	NA	NA	NA
MW-23S	12/23/02	<0.10*	<0.010	0.46	<0.004	<0.025*	0.29	0.0065	NA	<0.04	<0.050*	NA	<0.050*	0.15	1.7
	06/20/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/27/06	<0.0034	<0.0038	0.37 V	0.0022	0.00015 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
	08/31/09	0.000073 U	0.0085 U	0.34	0.0020	0.00032 U	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
	03/01/10	0.00015 U	0.0085 U	0.32	0.0022	0.00032 U	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
	08/26/10	0.000073 U	0.0085 U	0.31	0.0017	0.00032 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
	02/24/11	0.000073 U	0.0085 U	0.33	0.0022	0.00032 U	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
	08/31/11	NA	0.0013 U	0.330	0.0017	0.00011 J	0.0049 J	0.0045	NA	0.0062	0.0018 J	NA	0.00050 U	0.0038 U	0.022
	03/16/12	NA	0.0013 U	0.280	0.00091	0.00011 J	NA	0.0016	NA	0.0046 J	NA	NA	0.00050 U	NA	0.033
	08/26/12	NA	0.0013 U	0.340	0.0023	0.00012 J	NA	0.0043	NA	0.0063	NA	NA	0.00050 U	NA	0.025
	03/19/13	NA	0.0013 U	0.300	0.0016	0.00013 J	NA	0.0030	NA	0.0061	NA	NA	0.00050 U	NA	0.037
	08/23/13	NA	0.0013 U	0.220	0.00088	0.000095 U	NA	0.0011 J	NA	0.0036 J	NA	NA	0.00050 U	NA	0.038
	03/04/14	NA	0.0013 U	0.28	0.0016	0.000095 U	NA	0.0042	NA	0.0049 J	NA	NA	0.00050 U	NA	0.022

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**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**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-24S	12/21/02	<0.006	**0.035**	0.18	<0.004	**0.049**	0.32	<0.005	NA	<0.04	0.016	NA	<0.002	<0.010	**22**
	06/19/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/26/06	NA	<0.0038	0.14	NA	0.00014 I V	NA	0.0044 I	<0.00002	NA	<0.0043	<0.0006	NA	NA	NA
	09/01/09	0.000073 U	0.0085 U	0.15	0.00066	0.00032 U	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
	02/26/10	0.000073 U	0.0085 U	0.19	0.00078	0.00032 U	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
	08/27/10	0.000081 I	0.0085 U	0.14	0.00055	0.00032 U	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
	02/28/11	0.000095 I	0.0085 U	0.13	0.00063	0.00032 U	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
	08/26/11	NA	0.0013 U	0.130	0.00071	0.000095 U	0.0026 J	0.0030	NA	0.0052	0.0020 J	NA	0.00050 U	0.0038 U	0.014 J
	03/19/12	NA	0.0013 U	NA	NA	NA	NA	0.0034	NA	0.004 J	NA	NA	NA	NA	NA
	08/25/12	NA	0.0013 U	NA	NA	NA	NA	0.0034	NA	0.0040 J	NA	NA	NA	NA	NA
	03/19/13	NA	0.0013 U	NA	NA	NA	NA	0.0026	NA	0.0046 J	NA	NA	NA	NA	NA
	08/21/13	NA	0.0013 U	NA	NA	NA	NA	0.00088 J	NA	0.0024 J	NA	NA	NA	NA	NA
	03/05/14	NA	0.0013 U	NA	NA	NA	NA	0.0052	NA	0.0055	NA	NA	NA	NA	NA
MW-25S	12/21/02	<0.40*	<0.20*	0.25	**0.47**	<0.10*	<0.40*	<0.005	NA	**0.68**	<0.20*	NA	<0.20*	**0.22**	1.4
	06/19/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/27/06	<0.0034	<0.0038	0.15 V	0.00094	<0.000051	<0.00096	<0.0019	0.000022 I	0.006 I V	<0.0043	<0.0006	<0.0010 J4	0.0012 I	0.022 V
	08/31/09	0.000073 U	0.0085 U	0.10	0.00078	0.00032 U	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
	02/25/10	0.000073 U	0.0085 U	0.19	0.00082	0.00032 U	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
	08/25/10	0.000073 U	0.0085 U	0.093	0.00073	0.00032 U	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
	02/28/11	0.000093 I	0.0085 U	0.130	0.00055	0.00032 U	0.0025 U	0.0023 I	0.000029 I	0.0011 U	0.0022 U	0.000059 U	0.00021	0.0018	0.015
	08/31/11	NA	0.0022 J	0.160	0.0011	0.000095 U	0.0032 J	**0.019**	NA	0.0030 J	0.0021 J	NA	0.00050 U	0.0079 J	0.034
	03/16/12	NA	0.0013 U	NA	NA	NA	NA	0.00043 J	NA	0.0065	NA	NA	NA	NA	NA
	08/24/12	NA	0.0013 U	NA	NA	NA	NA	0.00058 J	NA	0.0034 J	NA	NA	NA	NA	NA
	03/20/13	NA	0.0013 U	NA	NA	NA	NA	0.0017	NA	0.012	NA	NA	NA	NA	NA
	08/27/13	NA	0.0013 U	NA	NA	NA	NA	0.00074 J	NA	0.0041 J	NA	NA	NA	NA	NA
	03/04/14	NA	0.0013 U	NA	NA	NA	NA	0.0011 J	NA	0.0044 J	NA	NA	NA	NA	NA
MW-26S	12/21/02	<0.006	<0.01	0.3	<0.004	<0.005	<0.02	<0.005	NA	<0.04	<0.01	NA	<0.002	<0.01	0.2
	06/19/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/07/06	<0.0026	<0.0038	0.15	0.00023	0.000096	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
	08/28/09	0.000073 U	0.0085 U	0.10	0.00013 I	0.00032 U	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
	02/25/10	0.000074 I	0.0085 U	0.098	0.00013 U	0.00032 U	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
	08/25/10	0.00035 I	0.0085 U	0.098	0.00013 U	0.00032 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
	02/28/11	0.00042 I	0.0085 U	0.11	0.00013 U	0.00032 U	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
	08/30/11	NA	0.0013 U	0.092	0.00025 U	0.000095 U	0.0015 J	0.0038	NA	0.0023 J	0.0015 J, B	NA	0.00050 U	0.0038 U	0.0083 U
	03/15/12	NA	0.0013 U	NA	NA	NA	NA	0.0025	NA	0.002 U	NA	NA	NA	NA	NA
	08/25/12	NA	0.0013 U	NA	NA	NA	NA	0.0060	NA	0.0020 U	NA	NA	NA	NA	NA
	03/14/13	NA	0.0013 U	NA	NA	NA	NA	0.0021	NA	0.0027 J	NA	NA	NA	NA	NA
	08/28/13	NA	0.0013 U	NA	NA	NA	NA	0.0012 J	NA	0.0020 U	NA	NA	NA	NA	NA
	03/05/14	NA	0.0013 U	NA	NA	NA	NA	0.0034	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	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**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**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-27S-R	12/22/02	<0.80*	<0.01	<0.40*	<0.16*	<0.20*	**1.8**	<0.005	NA	<1.6*	<0.40*	NA	<0.40*	<0.40*	**2.5**
	06/18/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/08/06	NA	<0.0038	0.09	NA	0.00011 I V	NA	<0.0019	<0.00002	NA	<0.0043	0.0013 I V	NA	NA	NA
	08/26/09	0.00037 I	0.0085 U	0.16	0.00013 U	0.00032 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
	03/03/10	0.00072 I	0.0085 U	0.084	0.00013 U	0.00032 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
	09/01/10	0.00042 I	0.0085 U	0.14	0.00018 I	0.00032 U	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
	03/01/11	0.00	**0.015**	0.11	0.00014 I	0.00032 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
	08/29/11	NA	0.0014 J	0.150	0.00025 U	0.000095 U	0.0011 U	0.00020 U	NA	0.0032 J	0.0013 J	NA	0.00050 U	0.0038 U	0.0083 U
	03/13/12	NA	0.0052	NA	NA	NA	NA	0.0011 J	NA	0.0350	NA	NA	NA	NA	NA
	08/22/12	NA	0.0042	NA	NA	NA	NA	0.0022	NA	0.021	NA	NA	NA	NA	NA
	03/13/13	NA	0.0026	NA	NA	NA	NA	0.00071 J	NA	0.021	NA	NA	NA	NA	NA
	08/20/13	NA	0.0030	NA	NA	NA	NA	0.0022	NA	0.0092	NA	NA	NA	NA	NA
	03/07/14	NA	0.0023 J	NA	NA	NA	NA	0.0012 J	NA	0.016	NA	NA	NA	NA	NA
MW-28S	12/22/02	NA	<0.010	**10**	NA	NA	NA	**0.043**	NA	NA	NA	NA	NA	NA	NA
	06/20/03	NA	NA	**8.3**	NA	NA	NA	**0.045**	NA	NA	NA	NA	NA	NA	NA
	08/25/09	0.00082	0.0085 U	0.043	0.00036	0.00041 I	0.014	0.0013 U	0.000014 U	0.0019 I	0.0065	0.000059 U	0.000067 U	**0.036**	0.11
	03/08/10	0.0015	0.0085 U	1.5	**0.0047**	0.00080 U	0.02	0.0013 U	0.000055 I	0.015	0.032 J4	0.00012 U	0.00040 I	0.0075	0.19
	08/24/10	0.00049 I	0.0085 U	1.0	**0.0062**	0.00091	0.024	0.0013 U	0.000052 I	0.016	0.0030 I	0.000059 U	0.00061	0.0095 V	0.24
	02/22/11	0.00020 I	0.010	**2.5 J4**	**0.0076**	0.00043 I	0.023	0.0013 U	0.00014	0.020	0.0022 U	0.000059 U	0.00062	0.0051	0.20
	08/23/11	NA	0.0021 J	0.210	0.0039	0.00070	0.018	0.00038 J	NA	0.016	0.020	NA	0.00058 J	0.0095 J	0.110
	03/14/12	NA	0.0013 J	1.500	**0.0058**	NA	NA	0.0019	NA	0.020	NA	NA	NA	NA	NA
	08/21/12	NA	0.0021 J	1.400	**0.0050**	NA	NA	0.00081 J	NA	0.022	NA	NA	NA	NA	NA
	03/14/13	NA	0.0021 J	0.300	0.0012	NA	NA	0.0031	NA	0.010	NA	NA	NA	NA	NA
Dissolved	03/14/13	NA	0.0013 U	0.300	0.0011	NA	NA	0.0012 J	NA	0.0097	NA	NA	NA	NA	NA
	08/27/13	NA	0.0016 J	0.54	0.0030	NA	NA	0.0017	NA	0.017	NA	NA	NA	NA	NA
	03/11/14	NA	0.0026	**2.9**	**0.0078**	NA	NA	0.0024	NA	0.030	NA	NA	NA	NA	NA
Dissolved	03/11/14	NA	0.0020 J	**2.5**	**0.0068**	NA	NA	0.0017	NA	0.026	NA	NA	NA	NA	NA
MW-29S	06/20/03	NA	NA	NA	**0.0064**	NA	0.024	**0.089**	NA	NA	NA	NA	NA	NA	NA
	10/25/06	<0.0026	<0.0038	**3.3**	**0.0077**	0.0013 V	0.041 V	**0.11**	0.00071	0.013	<0.0043	<0.0006	<0.0010	0.0008 I	0.23
	05/25/09	0.00016 I	0.0085 U	2.0	**0.0051**	0.00078	0.026	**0.070**	0.00073	0.0080	0.0022 U	0.000059 U	0.00096	0.00027 I	0.12
	02/22/10	0.00028 I	0.0085 U	1.6	**0.0045**	0.00061	0.02	**0.06**	0.00110	0.0089	0.0022 U	0.000064 I	0.00110	0.00018 U	0.099
	08/24/10	0.000073 U	**0.015**	**2.2**	**0.0057**	0.00076	0.027	**0.082**	0.00089	0.010	0.0022 U	0.000059 U	0.0013	0.00098 I,V	0.12
	02/22/11	0.000099 I,J4	**0.023**	**2.8 J4**	**0.0067**	0.00055 I	0.026	**0.080**	0.00081	0.014	0.0022 U,J4	0.000059 U,J4	0.0012 J4	0.00018 U	0.13
	08/24/11	NA	0.0079	**3.1**	**0.00790**	0.00089	0.024	**0.093**	NA	0.018	0.017	NA	0.0013	0.0038 U	0.120
	03/14/12	NA	0.0092	**3.1**	**0.00710**	NA	0.021	**0.081**	0.00084	0.019	NA	NA	NA	NA	NA
	08/21/12	NA	0.0032	**2.6**	**0.0059**	NA	0.019	**0.074**	0.00076	0.016	NA	NA	NA	NA	NA
	03/14/13	NA	0.0048	1.7	0.0039	NA	0.017	**0.056**	0.0018	0.011	NA	NA	NA	NA	NA
	08/28/13	NA	0.0019 J	1.1	0.0026	NA	0.0085	**0.046**	0.00110	0.0072	NA	NA	NA	NA	NA
	03/12/14	NA	0.0027	1.1	0.0026	NA	0.012	**0.040**	0.0013	0.0080	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	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**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**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-30S	06/20/03	NA	NA	1.7	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
Dissolved	06/20/03	NA	NA	1.7	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/25/06	NA	<0.0038	**3.6**	NA	0.00054 V	NA	**0.012**	0.00037	NA	<0.0043	<0.0006	NA	NA	NA
	08/25/09	0.00023 I	0.0085 U	**2.7**	**0.0043**	0.00037 I	0.0096	0.0060 I	0.00026	0.0086	0.0022 U	0.000059 U	0.000067 U	0.00047 I	0.050
	02/23/10	0.00017 I	0.0085 U	**3.1**	**0.0051**	0.00072	0.0094	0.0084	0.00039	0.013	0.0022 U	0.000059 U	0.00025	0.00018 U	0.051
	08/24/10	0.000073 U	0.0085 U	**2.5**	**0.0039**	0.00034 I	0.0096	0.012	0.00026	0.0083	0.0022 U	0.000059 U	0.00034	0.0012 I,V	0.043
	02/22/11	0.00043 I	0.0085 U	**2.4**	0.0035	0.00032 U	0.0250	0.0083	0.00027	0.0085	0.0022 U	0.000059 U	0.00025	0.00020 I	0.047
	08/23/11	NA	0.0013 U	1.9	0.0034	0.00020 J	0.0061	0.012	NA	0.0098	0.0010 U	NA	0.00050 U	0.0038 U	0.030
	03/14/12	NA	0.0013 U	**2.1**	0.0032	NA	0.0021 J	0.012	NA	0.0110	NA	NA	NA	NA	NA
	08/21/12	NA	0.0013 U	2.0	0.0031	NA	0.0066	0.011	NA	0.011	NA	NA	NA	NA	NA
	03/15/13	NA	0.0013 U	**2.3**	0.0031	NA	0.0062	0.011	NA	0.011	NA	NA	NA	NA	NA
	08/22/13	NA	0.0013 U	**2.100**	0.0032	NA	0.0045 J	0.012	NA	0.010	NA	NA	NA	NA	NA
	03/12/14	NA	0.0013 U	2.0	0.0027	NA	0.0056	0.0099	NA	0.0093	NA	NA	NA	NA	NA
MW-31S	06/20/03	NA	NA	0.45	<0.004	NA	0.024	**0.04**	<0.0002	NA	NA	NA	NA	NA	NA
	11/07/06	NA	<0.0038	0.17	NA	0.00017 I V	NA	0.004 I V	<0.00002	NA	<0.0043	0.00077 I V	NA	NA	NA
Dissolved	11/07/06	NA	<0.0038	0.13	NA	0.00018 I V	NA	<0.0019	<0.00002	NA	<0.0043	0.00075 I V	NA	NA	NA
	08/25/09	0.00011 I	0.0085 U	0.16	0.00077	0.00032 U	0.0046	0.0028 I	0.000014 U	0.0026 I	0.0022 U	0.000059 U	0.000067 U	0.0068	0.023
	02/23/10	0.00030 I	**0.011**	0.23	0.0016	0.00032 U	0.017	**0.021**	0.000014 U	0.017	0.0022 U	0.000059 U	0.00014 I	**0.043**	0.05
Dissolved	02/23/10	NA	0.0085 U	NA	NA	NA	NA	0.0013 U	NA	NA	NA	NA	NA	0.0047	NA
	08/24/10	0.00029 I	0.0085 U	0.13	0.0012	0.00032 U	0.018	**0.028**	0.000014 U	0.018	0.0022 U	0.000059 U	0.00023	**0.044 V**	0.051
Dissolved	08/24/10	NA	NA	NA	NA	NA	NA	0.0025 I	NA	NA	NA	NA	NA	0.0038	NA
	02/22/11	0.00010 I,J4	0.0085 U	0.19 J4	0.003	0.00032 U	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	02/22/11	NA	NA	NA	NA	NA	NA	0.0013 U	NA	0.0056 I	NA	NA	NA	NA	NA
	08/24/11	NA	0.0013 U	0.130	0.00072	0.000095 U	0.0020 J	0.0035	NA	0.0027 J	0.0010 U	NA	0.00050 U	0.0038 U	0.0091 J
Dissolved	08/24/11	NA	0.0013 U	**2.200**	0.0034	0.00029 J	0.0067	**0.017**	NA	0.011	0.0010 U	NA	0.00050 U	0.0038 U	0.029
	03/15/12	NA	0.0013 U	0.060	0.00028 J	NA	NA	0.00085 J	NA	0.002 U	NA	NA	NA	NA	NA
Dissolved	03/15/12	NA	0.0013 U	0.057	0.00027 J	NA	NA	0.00038 J	NA	0.002 U	NA	NA	NA	NA	NA
	08/24/12	NA	0.0013 U	0.150	0.00066	NA	NA	0.0016	NA	0.0024 J	NA	NA	NA	NA	NA
	03/20/13	NA	0.0013 U	0.073	0.00029 J	NA	NA	0.0013 J	NA	0.0020 U	NA	NA	NA	NA	NA
Dissolved	03/20/13	NA	0.0013 U	0.073	0.00025 U	NA	NA	0.0010 J	NA	0.0020 U	NA	NA	NA	NA	NA
	08/28/13	NA	0.0013 U	0.076	0.00077	NA	NA	0.0028	NA	0.0037 J	NA	NA	NA	NA	NA
	03/12/14	NA	0.0013 U	0.083	0.00035 J	NA	NA	0.00098 J	NA	0.0020 U	NA	NA	NA	NA	NA
Dissolved	03/12/14	NA	0.0013 U	0.085	0.00038 J	NA	NA	0.00089 J	NA	0.0020 U	NA	NA	NA	NA	NA
MW-32S	06/20/03	NA	**0.024**	NA	NA	**0.013**	NA	0.011	NA	NA	NA	NA	NA	NA	NA
	10/25/06	<0.0026	<0.0038	0.011	0.00044	**0.02 V**	0.048 V	<0.0019	0.000038 I	0.06	<0.0043	0.0017 I	<0.0010	0.0071	**2.3**
Dissolved	10/25/06	NA	NA	NA	NA	**0.019**	0.043 V	NA	NA	0.063	NA	NA	NA	NA	**2.4 V**
MW-32S-R	02/23/10	0.00068	0.0085 U	0.01	0.00013 U	0.0041	0.018	0.0013 U	0.000014 U	0.032	0.013	0.000059 U	0.00079	0.0024	0.67
	08/24/10	0.00013 I	0.0085 U	0.021	0.00013 U	0.005	0.026	0.0013 U	0.000014 U	0.026	0.0085	0.000059 U	0.00079	0.0041 V	0.87
	02/23/11	0.00067	**0.038**	0.0064	0.00013 U	0.0025	0.016	0.0013 U	0.000022 I	0.021	0.0053	0.000059 U	0.00076	0.0036	0.37
	08/26/11	NA	0.0035	0.018	0.00025 U	0.0039	0.017	0.00075 J	NA	0.030	0.0054 B	NA	0.00091 J	0.0038 U	0.520
	03/20/12	NA	0.0092	NA	NA	NA	NA	0.00086 J	NA	0.025	NA	NA	NA	NA	NA
	08/21/12	NA	0.0062	NA	NA	NA	NA	0.00046 J	NA	0.023	NA	NA	NA	NA	NA
	03/18/13	NA	0.014	NA	NA	NA	NA	0.00020 U	NA	0.018	NA	NA	NA	NA	NA
	08/20/13	NA	0.0028	NA	NA	NA	NA	0.00020 U	NA	0.0051	NA	NA	NA	NA	NA
	03/11/14	NA	0.0023 J	NA	NA	NA	NA	0.00039 J	NA	0.019	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	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**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**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-32I	02/23/10	0.00024 I	0.0085 U	0.23	0.0022	0.0012	0.052	0.0013 U	0.000020 I	0.032	0.0096	0.000059 U	0.00097	0.00077 I	0.062
	08/24/10	0.000076 I	**0.073**	0.22	**0.018**	**0.0056**	0.087	**0.093**	0.00021	0.098	0.0095	0.00013 I	0.0017	0.0010 I,V	0.38
Dissolved	08/24/10	NA	**0.110**	NA	**0.017**	**0.0050**	NA	**0.087**	NA	NA	NA	NA	NA	NA	NA
	02/22/11	0.000073 U,J4	**0.120**	0.13 J4	**0.019**	0.0050	0.087	**0.096**	0.00029	0.10	0.0022 U,J4	0.00014 I,J4	0.0017 J4	0.00018 U	0.38
	08/26/11	NA	**0.063**	0.110	**0.0230**	**0.0062**	0.110	**0.130**	NA	**0.150**	**0.100 B**	NA	0.0015	0.038 U	0.480
	03/20/12	NA	**0.075**	0.510	**0.0190**	**0.0062**	NA	**0.094**	NA	0.100	NA	NA	0.0012	NA	NA
	08/21/12	NA	**0.071**	0.570	**0.019**	**0.0055**	NA	**0.096**	NA	**0.110**	NA	NA	0.0011	NA	NA
	03/18/13	NA	**0.055**	0.52	**0.016**	**0.0056**	NA	**0.096**	NA	**0.110**	NA	NA	0.0011	NA	NA
	08/20/13	NA	**0.040**	0.430	**0.017**	**0.0060**	NA	**0.120**	NA	**0.110**	NA	NA	0.0013	NA	NA
	03/11/14	NA	**0.083**	0.37	**0.023**	**0.0055**	NA	**0.11**	NA	**0.13**	NA	NA	0.0014 J	NA	NA
MW-33S	06/19/03	NA	NA	NA	NA	<0.005	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	09/01/09	0.00029 I	0.0085 U	0.028	0.00013 U	0.00032 U	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
	02/26/10	0.000087 I	0.0085 U	0.02	0.00031	0.00032 U	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
	08/30/10	0.000073 U	0.0085 U	0.032	0.00016 I	0.00032 U	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
	02/28/11	0.00035 I	0.0085 U	0.028	0.00015 I	0.00032 U	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
	03/16/12	NA	0.0013 U	NA	NA	NA	NA	0.0038	NA	0.0044 J	NA	NA	NA	NA	0.160
	08/24/12	NA	0.0013 U	NA	NA	NA	NA	0.00051 J	NA	0.0020 U	NA	NA	NA	NA	0.018 J
	03/20/13	NA	0.0013 U	NA	NA	NA	NA	0.0012 J	NA	0.0032 J	NA	NA	NA	NA	0.059
	08/27/13	NA	0.0013 U	NA	NA	NA	NA	0.0021	NA	0.0020 U	NA	NA	NA	NA	0.051
	03/05/14	NA	0.0013 U	NA	NA	NA	NA	0.0018	NA	0.0029 J	NA	NA	NA	NA	0.089
MW-34S	06/19/03	NA	**0.015**	NA	NA	**0.031**	0.069	0.0068	NA	**0.14**	<0.010	NA	NA	NA	**4.9**
	11/07/06	NA	<0.038	0.049	NA	**0.081**	NA	<0.019	<0.00002	NA	<0.043	0.019 I V	NA	NA	NA
Dissolved	11/07/06	NA	<0.038	0.048	NA	**0.079**	NA	<0.019	<0.00002	NA	<0.043	0.016 I V	NA	NA	NA
	08/31/09	0.0024	0.0085 U	0.030	0.00013 U	**0.035**	0.14	0.0013 U	0.000014 U	**0.12**	0.022	0.00079	0.0017	**0.038**	**5.6**
	02/24/10	0.002	0.0085 U	0.013	0.00013 U	**0.019**	0.058	0.0013 U	0.000014 U	0.073	0.02	0.00010 I	0.00098	**0.029**	**2.9**
	08/25/10	0.004	**0.089**	0.32	0.0034	**0.023**	0.42	**0.33**	0.00051	0.068	0.023 I	0.0025	0.0013	**0.09 V**	**6.1**
Dissolved	08/25/10	NA	**0.026**	NA	NA	**0.021**	NA	0.0013 U	NA	NA	NA	NA	NA	**0.059**	1.8
	02/23/11	0.0013 J4	**0.035**	0.02 J4	0.00013 I	**0.024**	0.12	0.0013 U	0.000016 I	**0.120**	0.010 J4	0.00025 I,J4	0.00089 J4	0.016	**7.5**
	08/31/11	NA	0.0080	0.065	0.00059	**0.036**	0.310	**0.017**	NA	**0.200**	0.0033	NA	0.0013	0.028	**8.6**
	03/15/12	NA	0.0092	NA	NA	**0.039**	NA	**0.029**	NA	**0.230**	NA	NA	NA	NA	**19**
	08/25/12	NA	0.0064	NA	NA	**0.017**	NA	0.0061	NA	0.099	NA	NA	NA	NA	**3.5**
	03/14/13	NA	0.0053	NA	NA	**0.0091**	NA	0.00079 J	NA	0.064	NA	NA	NA	NA	**2.3**
	08/21/13	NA	0.0058	NA	NA	**0.0056**	NA	0.00020 U	NA	0.042	NA	NA	NA	NA	1.200
	03/05/14	NA	0.0088	NA	NA	**0.0074**	NA	0.00041 J	NA	0.058	NA	NA	NA	NA	1.5
MW-34I	02/24/10	0.00071 J4	0.0085 U	0.13	0.0017	0.00032 U	0.0046	0.0036 I	0.000014 U	0.01	0.0022 U	0.00026 I	0.00020 I	**0.019**	0.027
Dissolved	02/24/10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0053	NA
	08/25/10	0.000073 U	0.0085 U	0.084	0.00021 I	0.00032 U	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
	02/23/11	0.00013 I	0.0085 U	0.083	0.0016	0.00032 U	0.0046	0.0050 I	0.000014 U	0.011	0.0022 U	0.000059 U	0.00019 I	**0.0240**	0.037
	08/30/11	NA	0.0013 U	0.084	0.00041 J	0.000095 U	0.0011 U	0.0010 J	NA	0.0027 J	0.0015 J, B	NA	0.00050 U	0.0038 U	0.0083 U
	03/15/12	NA	0.0014 J	NA	NA	NA	NA	0.0016	NA	0.002 J	NA	NA	NA	NA	0.0083 U
Dissolved	03/15/12	NA	0.0013 U	NA	NA	NA	NA	0.00064 J	NA	0.0023 J	NA	NA	NA	NA	0.0083 U
	08/25/12	NA	0.0013 U	NA	NA	NA	NA	0.0038	NA	0.0044 J	NA	NA	NA	NA	0.018 J
Dissolved	08/25/12	NA	0.0013 U	NA	NA	NA	NA	0.00084 J	NA	0.0020 U	NA	NA	NA	NA	0.0083 U
	03/14/13	NA	0.0013 U	NA	NA	NA	NA	0.0024	NA	0.0039 J	NA	NA	NA	NA	0.0083 U
Dissolved	03/14/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	0.0083 U
	08/21/13	NA	0.0013 U	NA	NA	NA	NA	0.0044	NA	0.0055	NA	NA	NA	NA	0.019 J
Dissolved	08/21/13	NA	0.0013 U	NA	NA	NA	NA	0.0012 J	NA	0.0026 J	NA	NA	NA	NA	0.0083 U
	03/05/14	NA	0.0013 J	NA	NA	NA	NA	0.0042	NA	0.0054	NA	NA	NA	NA	0.019 J
Dissolved	03/05/14	NA	0.0013 U	NA	NA	NA	NA	0.0010 J	NA	0.0020 U	NA	NA	NA	NA	0.0083 U

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**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**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-35S	11/07/06	<0.0026	<0.0038	**2.2**	0.0035	0.0012 V	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
	08/25/09	0.0002 I	0.0085 U	**3.0**	**0.0052**	0.00045 I	0.011	**0.014**	0.00023	0.010	0.0022 U	0.000059 U	0.00015 I	0.00076 I	0.051
	02/22/10	0.00046 I	0.0085 U	**3.10**	**0.0058**	0.00045 I	0.01	**0.017**	0.00062	0.0130	0.0022 U	0.000059 U	0.00036	0.00030 I	0.050
	08/24/10	0.00014 I	0.0085 U	**2.5**	**0.0045**	0.00035 I	0.01	**0.019**	0.00027	0.0074	0.0022 U	0.000059 U	0.00029	0.0013 I,V	0.041
	02/22/11	0.00019 I	0.0085 U	**2.6**	**0.0043**	0.00032 U	0.0074	**0.016**	0.00036	0.0087	0.0022 U	0.000059 U	0.00030	0.00018 U	0.048
	08/23/11	NA	0.0013 U	2.0	0.0039	0.00031 J	0.0065	**0.017**	NA	0.012	0.0010 U	NA	0.00050 U	0.0038 U	0.031
	03/14/12	NA	0.0013 U	**2.2**	NA	NA	NA	**0.017**	0.00034	0.011	NA	NA	NA	NA	NA
	08/21/12	NA	0.0013 U	2.0	NA	NA	NA	**0.017**	0.00012 J	0.011	NA	NA	NA	NA	NA
	03/13/13	NA	0.0013 U	**2.4**	NA	NA	NA	**0.017**	0.00031	0.012	NA	NA	NA	NA	NA
	08/27/13	NA	0.0013 U	**2.5**	NA	NA	NA	**0.022**	0.00033	0.012	NA	NA	NA	NA	NA
	03/11/14	NA	0.0013 U	**2.1**	NA	NA	NA	0.015	0.00025	0.010	NA	NA	NA	NA	NA
MW-36S	11/08/06	<0.0026	**0.053**	0.019	**0.0074**	0.001 V	0.02 V	**0.17 V**	0.000027 I	0.024	<0.0043	0.0006	<0.0010	0.0014 I	0.27 V
	08/26/09	0.00019 I	**0.065**	0.016	**0.0089**	0.00081	0.013	**0.16 V**	0.000082 I	0.027	0.0022 U	0.000059 U	0.00087	0.0005 I	0.21 V
	03/02/10	0.00041 I	**0.056**	0.05	**0.0049**	0.00034 I	0.0025 U	**0.031**	0.000098 I	0.013	0.016	0.00012 U	0.00033 I	0.00062 I	0.084
Dissolved	03/02/12	NA	**0.061**	NA	NA	NA	NA	**0.023**	NA	NA	NA	NA	NA	0.00042 I	NA
	09/01/10	0.00016 I	**0.11**	0.018	**0.011**	0.0015	0.02	**0.21**	0.00064	0.03	0.0037 I	0.000059 U	0.0011	0.0053	0.23
	03/01/11	0.00030 I J4	**0.048**	0.031	0.0028	0.00032 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
	08/29/11	NA	**0.0520**	0.015	**0.0099**	0.0011 J	0.020	**0.210**	NA	0.044	**0.078**	NA	0.0012	0.015 U	0.270
	03/13/12	NA	0.0013 U	NA	0.00025 U	NA	NA	0.00031 J	NA	0.002 U	NA	NA	NA	NA	NA
	08/22/12	NA	**0.055**	NA	**0.0045**	NA	NA	**0.054**	NA	0.022	NA	NA	NA	NA	NA
	03/12/13	NA	0.0094	NA	0.00071	NA	NA	0.0087	NA	0.0071	NA	NA	NA	NA	NA
	08/20/13	NA	0.0046	NA	0.00089	NA	NA	0.0140	NA	0.0034 J	NA	NA	NA	NA	NA
	03/07/14	NA	0.0013 U	NA	0.00025 U	NA	NA	0.0016	NA	0.0020 U	NA	NA	NA	NA	NA
MW-37S	11/08/06	NA	<0.0038	1.1	NA	0.00016 I V	NA	<0.0019	<0.00002	NA	<0.0043	0.0022 I V	NA	NA	NA
	08/26/09	0.0002 I	0.0085 U	1.1	0.00013 U	0.00032 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
	03/03/10	0.00068 I	0.0085 U	1.1	0.00013 U	0.00032 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
	09/01/10	0.00014 I	0.0085 U	1.2	0.00013 U	0.00032 U	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
	03/01/11	0.000073 U	0.0085 U	1.1	0.00013 U	0.00032 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
	08/29/11	NA	0.0023 J	1.100	0.00025 U	0.000095 U	0.0011 U	0.00020 U	NA	0.0020 U	0.0013 J	NA	0.00050 U	0.0038 U	0.0083 U
	03/13/12	NA	0.002 J	NA	NA	NA	NA	0.00020 U	NA	0.002 U	NA	NA	NA	NA	NA
	08/22/12	NA	0.0023 J	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	03/13/13	NA	0.0021 J	NA	NA	NA	NA	0.00032 J	NA	0.0020 U	NA	NA	NA	NA	NA
	08/20/13	NA	0.0018 J	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	03/05/14	NA	0.0024 J	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
MW-38S	11/08/06	NA	<0.0038	0.054	NA	0.000086 I V	NA	<0.0019	<0.00002	NA	<0.0043	0.0014 I V	NA	NA	NA
	08/26/09	0.00012 I	0.0085 U	0.059	0.00013 U	0.00032 U	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
	03/03/10	0.00015 U	0.0085 U	0.068	0.00013 U	0.00032 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
	09/01/10	0.000073 U	0.0085 U	0.049	0.00013 U	0.00032 U	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
	03/01/11	0.000073 U	0.0085 U	0.052	0.00013 U	0.00032 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
	08/24/11	NA	0.0013 U	0.077	0.00028 J	0.000095 U	0.0011 U	0.00040 J	NA	0.0020 J	0.0010 U	NA	0.00050 U	0.0038 U	0.0083 U
	03/14/12	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.002 U	NA	NA	NA	NA	NA
	08/22/12	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	03/13/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0027 J	NA	NA	NA	NA	NA
	08/21/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	03/07/14	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**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**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-39S	11/08/06	NA	<0.0038	0.26	NA	0.000096 I V	NA	<0.0019	0.000056 I	NA	<0.0043	0.0011 I V	NA	NA	NA
	08/27/09	0.000073 U	0.0085 U	0.13	0.00069	0.00032 U	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
	03/01/10	0.00015 U	0.0085 U	0.13	0.00097	0.00032 U	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
	08/31/10	0.000073 U	0.0089 I	0.11	0.0011	0.00032 U	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
	03/02/11	0.000073 U	0.0085 U	0.098	0.00097	0.00032 U	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
	08/25/11	NA	0.0035	0.080	0.0017	0.00018 J	0.0049 J	0.0053	NA	0.011	0.0078	NA	0.00050 U	0.0038 U	0.042
	03/14/12	NA	0.0090	0.076	0.0020	NA	NA	0.0072	NA	0.017	NA	NA	NA	NA	0.083
	08/23/12	NA	0.0034	0.067	0.0021	NA	NA	0.0096	NA	0.015	NA	NA	NA	NA	0.053
	03/13/13	NA	0.0056	0.051	0.0016	NA	NA	0.0067	NA	0.015	NA	NA	NA	NA	0.067
	08/21/13	NA	0.0026	0.048	0.0018	NA	NA	0.0071	NA	0.013	NA	NA	NA	NA	0.052
	03/11/14	NA	0.0031	0.060	0.0013	NA	NA	0.0058	NA	0.012	NA	NA	NA	NA	0.052
MW-40S	02/24/10	0.00017 I	0.0085 U	0.052	0.00013 U	0.00032 U	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
	08/24/10	0.000093 I	0.0085 U	0.062	0.00013 U	0.00032 U	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
	02/22/11	0.000093 I	0.0085 U	0.035	0.00013 U	0.00032 U	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
	08/29/11	NA	0.0014 J	0.039	0.00025 U	0.000095 U	0.0011 U	0.00053 J	NA	0.0020 U	0.0017 J	NA	0.00050 U	0.0045 J	0.0083 U
	03/15/12	NA	0.0014 J	NA	0.00025 U	0.00021 J	NA	0.00048 J	NA	0.002 U	NA	NA	0.00050 U	NA	NA
	08/23/12	NA	0.0013 U	NA	0.00025 U	0.000095 U	NA	0.00054 J	NA	0.0020 J	NA	NA	0.00050 U	NA	NA
	03/15/13	NA	0.0013 U	NA	0.00025 U	0.000095 U	NA	0.00054 J	NA	0.0027 J	NA	NA	0.00050 U	NA	NA
	08/20/13	NA	0.0013 U	NA	0.00025 U	0.000095 U	NA	0.00020 U	NA	0.0020 U	NA	NA	0.00050 U	NA	NA
	03/11/14	NA	0.0013 U	NA	0.00025 U	0.000095 U	NA	0.00057 J	NA	0.0020 U	NA	NA	0.00050 U	NA	NA
MW-41S	02/24/10	0.00017 I	**0.015**	0.051	**0.0099**	0.0041	0.048	**0.052**	0.000014 U	0.05	0.028	0.000061 I	**0.0026**	0.00074 I	0.70
	08/24/10	0.000073 U	**0.027**	0.034	**0.0087**	0.0031	0.042	**0.052**	0.000014 U	0.039	0.004 I	0.000059 U	**0.0021**	0.0023 V	0.58
	02/23/11	0.000073 U,J4	**0.045**	0.033 J4	**0.0077**	0.0026	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
	08/29/11	NA	0.0070	0.032	**0.0058**	0.0017	0.022	**0.042**	NA	0.027	0.015 B	NA	0.0016	0.0038 U	0.310
	03/15/12	NA	**0.0190**	NA	**0.0060**	0.0030	NA	**0.042**	NA	0.039	NA	NA	0.0017	NA	NA
	08/23/12	NA	0.0045	NA	**0.0050**	0.0019	NA	**0.035**	NA	0.026	NA	NA	0.0013	NA	NA
	03/18/13	NA	**0.014**	NA	**0.0043**	0.0028	NA	**0.034**	NA	0.036	NA	NA	0.0012	NA	NA
	08/27/13	NA	0.0080	NA	**0.0046**	0.0024	NA	**0.037**	NA	0.031	NA	NA	0.0013	NA	NA
	03/11/14	NA	**0.013**	NA	**0.0046**	0.0023	NA	**0.033**	NA	0.032	NA	NA	0.0012	NA	NA

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**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**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-42S	02/25/10	0.0019	0.0085 U	0.0021	0.00013 U	0.0021	0.039	0.0013 U	0.000014 I	0.054	0.0039 I	0.000059 U	0.00054	0.0092	1.3
	08/26/10	0.0025	**0.079**	0.004	0.00013 U	0.00058 I	0.017	0.0013 U	0.000040 I	0.047	0.0042 I	0.000059 U	0.00049	0.007	0.51
Dissolved	08/26/10	NA	**0.064**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/24/11	0.0025	**0.060**	0.0022	0.00013 U	0.0014	0.020	0.0013 U	0.000014 U	0.048	0.0022 U	0.000059 U	0.00054	0.0095	1.2
Dissolved	02/24/11	NA	**0.063**	NA	**NA**	NA	NA	**NA**	NA	NA	NA	NA	NA	NA	NA
	08/30/11	NA	**0.042**	0.0037 J	0.00057	0.0015	0.026	0.00020 U	NA	0.039	0.0031 B	NA	0.00050 U	0.019	1.200
Dissolved	08/30/11	NA	**0.046**	0.0013 J	0.00025 U	0.0011	0.020	0.00020 U	NA	0.040 B	0.0018 J	NA	0.00058 J	0.014	0.280
	03/16/12	NA	**0.031**	0.0025 J	0.00025 U	0.0038	NA	0.00020 U	NA	0.059	NA	NA	NA	NA	2.000
Dissolved	03/16/12	NA	**0.030**	0.0022 J	0.00025 U	0.0035	NA	0.00020 U	NA	0.056	NA	NA	NA	NA	1.700
	08/24/12	NA	**0.029**	0.011	0.00025 U	0.0038	NA	0.00020 U	NA	0.056	NA	NA	NA	NA	1.700
Dissolved	08/24/12	NA	**0.029**	0.014	0.00075 J	0.0040	NA	0.00040 U	NA	0.058	NA	NA	NA	NA	**3.100**
	03/14/13	NA	**0.026**	0.0024 J	0.00025 U	0.0021	NA	0.00020 U	NA	0.035	NA	NA	NA	NA	0.970
	08/29/13	NA	**0.036**	0.0044 J	0.00034 J	0.0032	NA	0.00020 U	NA	0.057	NA	NA	NA	NA	**2.3**
Dissolved	08/29/13	NA	**0.034**	0.0046 J	0.00027 J	0.0032	NA	0.00020 U	NA	0.054	NA	NA	NA	NA	**2.1**
	03/04/14	NA	**0.031**	0.0032 J	0.00064	0.0025	NA	0.00020 U	NA	0.054	NA	NA	NA	NA	**3.0**
Dissolved	03/04/14	NA	**0.034**	0.0013 U	0.00045 J	0.0024	NA	0.00020 U	NA	0.059	NA	NA	NA	NA	**2.8**
MW-43S	02/25/10	0.00044 I	0.0085 U	0.0082	0.00013 U	0.0021	0.0025 U	0.0013 U	0.000014 U	0.035	0.0022 U	0.000059 U	0.00018 I	0.0035	0.35
	08/26/10	0.00041 I	**0.026**	0.004	0.00013 U	0.0026	0.0051	0.0013 U	0.000049 I	0.046	0.0022 U	0.000059 U	0.00020 I	0.0098	0.44
	02/24/11	0.00032 I	**0.018**	0.001	0.00013 U	0.0020	0.0025 U	0.0013 U	0.000014 U	0.044	0.0022 U	0.000059 U	0.000076 I	0.0050	0.42
	08/30/11	NA	**0.015**	0.0013 U	0.00025 U	0.0033	0.0035 J	0.00020 U	NA	0.059	0.0023 J, B	NA	0.00050 U	0.0093 J	0.360
	03/15/12	NA	**0.013**	NA	NA	0.0019	NA	0.00020 U	NA	0.034	NA	NA	NA	NA	0.270
	08/24/12	NA	**0.012**	NA	NA	0.0027	NA	0.00020 U	NA	0.039	NA	NA	NA	NA	0.240
	03/14/13	NA	**0.011**	NA	NA	0.0020	NA	0.00020 U	NA	0.041	NA	NA	NA	NA	0.250
	08/22/13	NA	**0.016**	NA	NA	0.0027	NA	0.00020 U	NA	0.058	NA	NA	NA	NA	0.280
	03/07/14	NA	0.010	NA	NA	0.0016	NA	0.00020 U	NA	0.030	NA	NA	NA	NA	0.16
MW-44S	02/25/10	0.001	0.0085 U	0.067	**0.0055**	0.00068	0.0025 U	0.0013 U	0.000014 U	0.024	0.0022 U	0.000059 U	0.00077	0.00062 I	0.095
	08/26/10	0.00015 I	0.0085 U	0.057	0.00018 I	0.00032 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
	02/24/11	0.00029 I	0.0085 U	0.044	0.00041	0.00032 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
	08/30/11	NA	0.0022 J	0.053	0.00029 J	0.000095 U	0.0011 U	0.00020 U	NA	0.0055	0.0017 J, B	NA	0.00050 U	0.0038 U	0.0083 U
	03/16/12	NA	0.0013 J	NA	NA	0.000095 U	NA	0.00020 J	NA	0.0043 J	NA	NA	NA	NA	NA
	08/24/12	NA	0.0021 J	NA	NA	0.000095 U	NA	0.00020 U	NA	0.0057	NA	NA	NA	NA	NA
	03/19/13	NA	0.0013 U	NA	NA	0.000095 U	NA	0.00020 U	NA	0.0067	NA	NA	NA	NA	NA
	08/28/13	NA	0.0026	NA	NA	0.000095 U	NA	0.00020 U	NA	0.0023 J	NA	NA	NA	NA	NA
	03/07/14	NA	0.0013 U	NA	NA	0.000095 U	NA	0.00020 U	NA	0.0036 J	NA	NA	NA	NA	NA
MW-45S	08/31/11	NA	0.0087	0.031	0.0015	0.00032 J	0.0069	0.00020 J	NA	0.023	0.0049	NA	0.00050 U	0.0038 U	0.032
	03/19/12	NA	**0.0190**	NA	NA	NA	NA	0.00020 U	NA	0.0078	NA	NA	NA	NA	NA
	08/25/12	NA	**0.019**	NA	NA	NA	NA	0.0028	NA	0.011	NA	NA	NA	NA	NA
	03/20/13	NA	**0.019**	NA	NA	NA	NA	0.0010 J	NA	0.011	NA	NA	NA	NA	NA
	08/22/13	NA	**0.026**	NA	NA	NA	NA	0.00020 U	NA	0.0035 J	NA	NA	NA	NA	NA
	03/10/14	NA	**0.015**	NA	NA	NA	NA	0.00020 U	NA	0.0062	NA	NA	NA	NA	NA
MW-46S	02/25/10	0.000073 U	0.0085 U	0.69	0.0016	0.00074	0.0073	0.0013 U	0.000014 U	0.016	0.0022 U	0.000059 U	0.00053	0.00022 I	0.089
	08/26/10	0.00015 I	0.0085 U	0.057	0.00018 I	0.00032 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
	02/25/11	0.00024 I	0.0085 U	0.26	0.0012	0.00049 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
	08/31/11	NA	0.0013 U	0.430	0.0013	0.00036 J	0.0055	0.0044	NA	0.011	0.0038	NA	0.00050 U	0.0038 U	0.054
	03/16/12	NA	0.0013 U	NA	NA	0.00080	NA	0.0037	NA	0.011	NA	NA	NA	NA	0.080
	08/25/12	NA	0.0013 U	NA	NA	0.00048 J	NA	0.0047	NA	0.010	NA	NA	NA	NA	0.070
	03/20/13	NA	0.0014 J	NA	NA	0.00045 J	NA	0.0046	NA	0.013	NA	NA	NA	NA	0.066
	08/28/13	NA	0.0013 U	NA	NA	0.00025 J	NA	0.0043	NA	0.0053	NA	NA	NA	NA	0.035
	03/04/14	NA	0.0013 U	NA	NA	0.00031 J	NA	0.0031	NA	0.0080	NA	NA	NA	NA	0.052

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**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**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-47S	03/01/10	0.00015 U	0.0085 U	0.045	0.00025 I	0.00032 U	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
	03/01/10	0.000073 U	0.0085 U	0.043	0.00016 I	0.00032 U	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
	02/24/11	0.000073 U	0.0085 U	0.040	0.00013 U	0.00032 U	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
	08/31/11	NA	0.0013 U	0.043	0.00066	0.000095 U	0.0011 U	0.00020 J	NA	0.0020 J	0.0020 J	NA	0.00050 U	0.0038 U	0.0083 U
	03/16/12	NA	0.0013 U	0.046	0.00034 J	0.000095 U	NA	0.00020 U	NA	0.002 U	NA	NA	0.00050 U	NA	0.0083 U
	08/25/12	NA	0.0013 U	0.044	0.00037 J	0.000095 U	NA	0.00020 U	NA	0.0020 U	NA	NA	0.00050 U	NA	0.0083 U
	03/19/13	NA	0.0013 U	0.047	0.00032 J	0.000095 U	NA	0.00021 J	NA	0.0020 U	NA	NA	0.00050 U	NA	0.0095 J
	08/22/13	NA	0.0013 U	0.053	0.00029 J	0.000095 U	NA	0.00020 U	NA	0.0020 U	NA	NA	0.00050 U	NA	0.0083 U
	03/04/14	NA	0.0013 U	0.052	0.00036 J	0.000095 U	NA	0.00020 U	NA	0.0020 U	NA	NA	0.00050 U	NA	0.0083 U
MW-48S	05/10/12	NA	0.0013 U	2	0.0036	0.00039 J	0.017	0.012	NA	0.013	0.001 U	NA	0.0005 U	0.0038 U	0.061
	08/21/12	NA	0.0013 U	**2.7**	**0.0055**	0.00049 J	0.014	**0.024**	NA	0.015	0.0019 J	NA	0.00053 J	NA	0.065
	03/15/13	NA	0.0021 J	**4.3**	**0.0086**	0.00065	0.022	**0.033**	NA	0.025	0.0010 U	NA	0.00063 J	NA	0.095
	08/29/13	NA	0.0015 J	**3.9**	**0.0082**	0.00065	0.018	**0.034**	NA	0.024	0.0029	NA	0.00076 J	NA	0.088
	03/12/14	NA	0.0014 J	**4.3**	**0.0079**	0.00065	0.023	**0.031**	NA	0.026	0.0010 U	NA	0.00067 J	NA	0.11
MW-49S	05/10/12	NA	0.0013 U	0.067	0.00027 J	0.000095 U	0.0035 J	0.003	NA	0.0023 J	0.001 U	NA	0.0005 U	0.0072 J	0.016 J
Dissolved	05/10/12	NA	0.0013 U	0.049	0.00025 U	0.000095 U	0.0016 J	0.0011 J	NA	0.002 U	0.001 U	NA	0.0005 U	0.0046 J	0.0097 J
	08/24/12	NA	0.0015 J	0.046	0.00036 J	0.000095 U	0.0050	0.0034	NA	0.0045 J	0.0010 U	NA	0.00050 U	NA	0.026
Dissolved	08/24/12	NA	0.0013 U	0.032	0.00025 U	0.000095 U	0.0022 J	0.0012 J	NA	0.0021 J	0.0010 U	NA	0.00050 U	NA	0.013 J
	03/20/13	NA	0.0020 J	0.061	0.00048 J	0.000095 U	0.0077	0.0057	NA	0.0071	0.0010 U	NA	0.00050 U	NA	0.038
Dissolved	03/20/13	NA	0.0013 U	0.024	0.00025 U	0.000095 U	0.0016 J	0.00073 J	NA	0.0020 U	0.0010 U	NA	0.00050 U	NA	0.0086 J
	08/21/13	NA	0.0013 U	0.035	0.00025 U	0.000095 U	0.0014 J	0.0020	NA	0.0020 J	0.0010 U	NA	0.00050 U	NA	0.021
Dissolved	08/21/13	NA	0.0013 U	0.031	0.00025 U	0.000095 U	0.0024 J	0.0021	NA	0.0023 J	0.0010 U	NA	0.00050 U	NA	0.022
	03/11/14	NA	0.0013 U	0.054	0.00030 J	0.000095 U	0.0051	0.0019	NA	0.0020 J	0.0010 U	NA	0.00050 U	NA	0.021
Dissolved	03/11/14	NA	0.0013 U	0.037	0.00025 U	0.000095 U	0.0035 J	0.0014 J	NA	0.0020 U	0.0010 U	NA	0.00050 U	NA	0.016 J
FFFW-1	1/6-7/87	NA	<0.03	0.17	NA	<0.01	NA	**0.04**	<0.0002	NA	<0.005	<0.02	NA	NA	NA
	05/10/00	NA	<0.01	0.19	NA	<0.005	NA	**0.016**	NA	NA	NA	NA	NA	NA	NA
	11/14/01	NA	NA	NA	NA	NA	NA	<0.01	NA	NA	NA	NA	NA	NA	<0.10
	12/21/02	NA	NA	NA	NA	NA	NA	**5.2**	NA	NA	NA	NA	NA	NA	0.22
Dissolved	12/21/02	NA	NA	NA	NA	NA	NA	**0.053**	NA	NA	NA	NA	NA	NA	0.073
	06/20/03	NA	NA	NA	NA	NA	NA	**0.3**	NA	NA	NA	NA	NA	NA	NA
Dissolved	06/20/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/08/06	NA	<0.0038	0.14	NA	0.00018 I V	NA	0.011 V	0.000044 I	NA	<0.0043	0.0012 I V	NA	NA	NA
Dissolved	11/08/06	NA	<0.0038	0.12	NA	0.00017 I V	NA	<0.0019	<0.00002	NA	<0.0043	0.0014 I V	NA	NA	NA
	09/01/09	0.00022 I	0.0085 U	0.20	0.00019 I	0.00032 U	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	08/30/11	NA	0.0025	0.140	0.00025 U	0.00015 J	0.0034 J	0.00054 J	NA	0.0024 J	0.0010 U	NA	0.00050 U	0.0038 U	0.025
	03/19/12	NA	0.0014 J	NA	NA	NA	NA	0.00024 J	NA	0.002 U	NA	NA	NA	NA	NA
	08/24/12	NA	0.0016 J	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	03/19/13	NA	0.0028	NA	NA	NA	NA	0.00025 J	NA	0.0020 U	NA	NA	NA	NA	NA
	08/29/13	NA	0.0019 J	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	03/07/14	NA	0.0023 J	NA	NA	NA	NA	0.0011 J	NA	0.0020 U	NA	NA	NA	NA	NA

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**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**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
FFFW-2	1/6-7/87	NA	<0.05	**62**	NA	**0.055**	NA	**1.82**	0.0011	NA	<0.025	<0.05	NA	NA	NA
	05/10/00	NA	NA	0.52	NA	**0.0096**	NA	**2.3**	0.00027	NA	NA	NA	NA	NA	NA
	11/14/01	NA	NA	NA	NA	0.0045	NA	**1.3**	NA	NA	NA	NA	NA	NA	NA
	12/22/02	<0.40*	<0.20*	**34**	**0.47**	<0.10*	<0.40*	**4.2**	0.0013	**0.68**	<0.20*	<0.20*	<0.20*	**0.22**	1.4
Dissolved	12/22/02	<0.020	<0.0050	**3.1**	**0.083**	<0.0050	0.03	**0.71**	0.0101**	0.1	<0.010	<0.010	<0.010	<0.010	0.16
	06/20/03	NA	NA	NA	NA	NA	NA	**2.7**	NA	NA	NA	NA	NA	NA	NA
Dissolved	06/20/03	NA	NA	NA	NA	NA	NA	**2.2**	NA	NA	NA	NA	NA	NA	NA
	10/26/06	0.0059 I	**0.16**	**9.5**	**0.38**	**0.019 V**	0.19	**2.8**	0.00059	**0.47**	<0.0086	<0.0012	**0.0077**	0.0041 I V	1.1 V
Dissolved	10/26/06	NA	**0.037 I V**	**12.0**	**0.47**	**0.022**	0.23 V	**3.6**	<0.00002	**0.55**	NA	NA	**0.0086 J4**	NA	NA
FFFW-2-R	11/07/06	<0.0026	<0.0038	**3.9**	**0.048**	0.0035 V	0.059 V	**0.33 V**	0.00091	0.084	<0.0043	<0.0006	0.0018 I	0.0013 I	0.22 V
	09/01/09	0.000073 U	0.0085 U	**3.4**	**0.039**	0.0026	0.045	**0.22**	0.0015	0.072	0.0068 U	0.00044 U	0.0014	0.0013 I	0.19
Dissolved	09/01/09	NA	NA	**3.3**	**0.039**	NA	NA	**0.24**	NA	NA	NA	NA	NA	NA	NA
	03/01/10	0.00029 I	**0.012**	**4.1**	**0.076**	0.0038	0.075	**0.47**	0.00035	**0.11**	0.022	0.00068	**0.0024**	0.00025 I	0.28
	08/27/10	0.00014 I	**0.05**	**3.5**	**0.048**	0.0032	0.056	**0.33**	0.00022	0.090	0.0026 I	0.00038	0.0019	0.0018	0.24
	02/28/11	0.00012 I	**0.057**	**3.1**	**0.052**	0.0028	0.054	**0.36**	0.00120	0.088	0.0022 U	0.00042	0.0020	0.00038 I	0.21
	08/31/11	NA	0.0048	2.0	**0.025**	0.0015	0.021	**0.130**	NA	0.048	0.0084	NA	0.00092 J	0.0038 U	0.095
	03/19/12	NA	**0.0420**	**3.9**	**0.062**	0.0041	NA	**0.380**	NA	**0.110**	NA	NA	0.00160	NA	0.260
	08/26/12	NA	**0.018**	**4.3**	**0.056**	0.0043	NA	**0.420**	NA	**0.120**	NA	NA	0.0016	NA	0.260
	03/19/13	NA	**0.037**	**4.4**	**0.060**	0.0043	NA	**0.450**	NA	**0.130**	NA	NA	0.0017	NA	0.280
	08/23/13	NA	**0.033**	**4.6**	**0.068**	0.0055	NA	**0.550**	NA	**0.160**	NA	NA	0.0023	NA	0.320
	03/10/14	NA	**0.022**	**4.1**	**0.074**	0.0042	NA	**0.39**	NA	**0.12**	NA	NA	0.0015	NA	0.26
FFFW-2I	03/01/10	0.00054 I	0.0085 U	0.46	0.00072	0.00032 U	0.0047	0.0013 U	0.000014 U	0.0034 I	0.0044 U	0.00012 U	0.00013 U	0.0096	0.023
	08/27/10	0.00015 I	0.0085 U	0.31	0.00013 U	0.00032 U	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
	02/28/11	0.00015 I	0.0085 U	0.32	0.00035	0.00032 U	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
	08/31/11	NA	0.0013 U	0.230	0.00064	0.00036 J	0.0011 U	0.00020 U	NA	0.0054	0.0016 J, B	NA	0.00050 U	0.0038 U	0.0083 U
	03/19/12	NA	0.0013 U	NA	NA	NA	NA	0.00021 J	NA	0.0059	NA	NA	NA	NA	NA
	08/26/12	NA	0.0013 U	NA	NA	NA	NA	0.00024 J	NA	0.0062	NA	NA	NA	NA	NA
	03/19/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0061	NA	NA	NA	NA	NA
	08/23/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0057	NA	NA	NA	NA	NA
	03/10/14	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0060	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	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**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**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
FFFW-3	1/6-7/87	NA	**0.075**	<0.02	NA	<0.01	NA	<0.03	<0.0002	NA	<0.025	<0.02	NA	NA	NA
	05/10/00	NA	**0.025**	NA	NA	**0.0064**	NA	**0.11**	NA	NA	NA	NA	NA	NA	NA
	11/14/01	NA	NA	NA	NA	**0.017**	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/02	NA	NA	NA	NA	**0.0074**	NA	**0.067**	NA	NA	NA	NA	NA	NA	NA
Dissolved	12/22/02	NA	NA	NA	NA	**0.016**	NA	0.0058	NA	NA	NA	NA	NA	NA	NA
	06/19/03	NA	NA	NA	NA	NA	NA	0.012	NA	NA	NA	NA	NA	NA	NA
Dissolved	09/19/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/07/06	NA	**0.28**	0.02	NA	**0.011 V**	NA	0.0033 I V	0.000027 I	NA	<0.0043	0.0007 I V	NA	NA	NA
Dissolved	11/07/06	NA	**0.012 I**	0.0033	NA	**0.011 V**	NA	<0.0019	<0.00002	NA	<0.0043	0.0018 I V	NA	NA	NA
	08/31/09	0.00064	0.0085 U	0.0061	0.00017 I	0.0044	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	08/29/11	NA	**0.026**	0.0026 J	0.00025 U	0.00066	0.0031 J	0.00045 J	NA	0.035	0.0017 J	NA	0.00050 U	0.0062 J	0.050
Dissolved	08/29/11	NA	**0.033**	0.0027 J	0.00025 U	0.00066	0.0038 J	0.00020 U	NA	0.039 B	0.0011 J	NA	0.00050 U	0.0081 J	0.060
	03/15/12	NA	**0.021**	NA	NA	NA	NA	0.00070 J	NA	0.044	NA	NA	NA	NA	NA
Dissolved	03/15/12	NA	**0.022**	NA	NA	NA	NA	0.00020 U	NA	0.041	NA	NA	NA	NA	NA
	08/24/12	NA	**0.020**	NA	NA	NA	NA	0.00020 U	NA	0.056	NA	NA	NA	NA	NA
	03/14/13	NA	**0.014**	NA	NA	NA	NA	0.00020 U	NA	0.074	NA	NA	NA	NA	NA
	08/22/13	NA	**0.016**	NA	NA	NA	NA	0.00020 U	NA	0.058	NA	NA	NA	NA	NA
	03/07/14	NA	**0.012**	NA	NA	NA	NA	0.00020 U	NA	0.057	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	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**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**	**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	NA	**1.43**	0.0004	NA	<0.025	<0.03	NA	NA	NA
	05/10/00	NA	NA	0.096	NA	<0.005	NA	**0.13**	<0.0002	NA	NA	NA	NA	NA	NA
	11/14/01	NA	NA	NA	NA	NA	NA	**0.11**	NA	NA	NA	NA	NA	NA	NA
	12/23/02	NA	NA	NA	NA	NA	NA	**0.2**	NA	NA	NA	NA	NA	NA	NA
Dissolved	12/23/02	NA	NA	NA	NA	NA	NA	<0.0050	NA	NA	NA	NA	NA	NA	NA
	06/20/03	NA	NA	NA	NA	NA	NA	**0.15**	NA	NA	NA	NA	NA	NA	NA
Dissolved	06/20/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/26/06	NA	<0.0038	0.35	NA	0.000061 I V	NA	**0.038**	0.00008 I	NA	<0.0043	<0.0006	NA	NA	NA
Dissolved	10/26/06	NA	NA	NA	NA	NA	NA	<0.0019	NA	NA	NA	NA	NA	NA	NA
	09/01/09	0.00016 I	0.0085 U	0.25	**0.012**	0.00032 U	0.021	**0.032**	0.000024 I	0.025	0.0022 U	0.000059 U	0.00049	**0.063**	0.071
FFFW-4-R	08/30/11	NA	**0.016**	0.830	**0.039**	0.0027	0.022	**0.066**	NA	**0.110**	0.033 B	NA	0.0020	0.0076 U	0.350
Dissolved	08/30/11	NA	0.0092	0.420	**0.025**	0.0035	0.022	**0.032**	NA	**0.130 B**	0.0040	NA	**0.0021**	0.0038 U	0.440
	03/19/12	NA	0.0039	NA	0.0021	NA	NA	0.0087	NA	0.014	NA	NA	NA	NA	NA
Dissolved	03/19/12	NA	0.0034	NA	0.0021	NA	NA	0.0048	NA	0.014	NA	NA	NA	NA	NA
	08/25/12	NA	0.0053	NA	0.0014	NA	NA	**0.016**	NA	0.021	NA	NA	NA	NA	NA
Dissolved	08/25/12	NA	0.0063	NA	0.0021	NA	NA	**0.019**	NA	0.025	NA	NA	NA	NA	NA
	03/20/13	NA	0.0030	NA	0.0015	NA	NA	0.0069	NA	0.013	NA	NA	NA	NA	NA
Dissolved	03/20/13	NA	0.0025	NA	0.0013	NA	NA	0.0054	NA	0.011	NA	NA	NA	NA	NA
	08/22/13	NA	0.0069	NA	0.00042 J	NA	NA	0.013	NA	0.015	NA	NA	NA	NA	NA
Dissolved	08/22/13	NA	0.0072	NA	0.00041 J	NA	NA	0.013	NA	0.016	NA	NA	NA	NA	NA
	03/10/14	NA	0.0042	NA	0.00040 J	NA	NA	0.011	NA	0.011	NA	NA	NA	NA	NA
Dissolved	03/10/14	NA	0.0045	NA	0.00036 J	NA	NA	0.010	NA	0.011	NA	NA	NA	NA	NA
MW-TP1S	08/07/00	NA	**0.013**	0.31	NA	<0.005	NA	0.0068	NA	NA	NA	NA	NA	NA	NA
	11/14/01	NA	NA	NA	NA	NA	NA	0.011	NA	NA	NA	NA	NA	NA	NA
	12/20/02	NA	NA	NA	NA	NA	NA	**0.022**	NA	NA	NA	NA	NA	NA	NA
	06/19/03	NA	NA	NA	NA	NA	NA	**0.023**	NA	NA	NA	NA	NA	NA	NA
	10/26/06	NA	<0.0038	0.21	NA	0.00035 V	NA	0.0096	<0.00002	NA	<0.0043	<0.0006	NA	NA	NA
	09/01/09	0.000073 U	0.0085 U	0.28	0.0024	0.00032 U	0.0011	0.0061 I	0.000014 U	0.0095	0.0022 U	0.000059 U	0.00013 I	0.00027 I	0.055
	02/26/10	0.00012 I	0.0085 U	0.32	0.0023	0.00032 U	0.0091	0.0076	0.000014 U	0.011	0.0022 U	0.000059 U	0.00015 I	0.00026 I	0.051
	08/30/10	0.000073 U	0.0085 U	0.27	0.0020	0.00032 U	0.0098	0.0068 I	0.000014 U	0.0062 I	0.0022 U	0.000059 U	0.00033	0.00026 I	0.046
	02/28/11	0.000073 U	0.0085 U	0.26	0.0017	0.00032 U	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
	08/26/11	NA	0.0013 U	0.280	0.0017	0.00013 J	0.0073	0.0084	NA	0.0010	0.0021 J	NA	0.00050 U	0.0038 U	0.035
	03/19/12	NA	0.0013 U	NA	NA	NA	NA	0.0074	NA	0.0085	NA	NA	NA	NA	NA
	08/25/12	NA	0.0013 U	NA	NA	NA	NA	0.0074	NA	0.0073	NA	NA	NA	NA	NA
	03/19/13	NA	0.0013 U	NA	NA	NA	NA	0.0061	NA	0.014	NA	NA	NA	NA	NA
	08/21/13	NA	0.0013 U	NA	NA	NA	NA	0.00071 J	NA	0.0079	NA	NA	NA	NA	NA
	03/11/14	NA	0.0013 U	NA	NA	NA	NA	0.0096	NA	0.013	NA	NA	NA	NA	NA
MW-TP1I	08/08/00	NA	<0.01	0.13	NA	<0.005	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/14/01	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/20/02	<0.006	<0.010	0.052	<0.004	<0.005	<0.02	<0.005	NA	<0.04	<0.01	NA	<0.002	<0.01	<0.02
	06/19/03	NA	NA	NA	NA	NA	NA	**0.024**	NA	NA	NA	NA	NA	NA	NA
Dissolved	06/19/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/26/06	NA	<0.0038	0.046	NA	<0.000051	NA	<0.0019	<0.00002	NA	<0.0043	<0.0006	NA	NA	NA
	09/01/09	0.000073 U	0.0085 U	0.052	0.00029 I	0.00032 U	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
	02/26/10	0.00016 I	0.0085 U	0.043	0.00013 U	0.00032 U	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
	08/30/10	0.000073 U	0.0085 U	0.042	0.00017 I	0.00032 U	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
	02/28/11	0.000073 U	0.0085 U	0.046	0.00013 U	0.00032 U	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
	08/26/11	NA	0.0013 U	0.040	0.00025 U	0.000095 U	0.0011 U	0.00020 U	NA	0.0022 J	0.0010 U	NA	0.00050 U	0.0051 J	0.0083 U
	03/19/12	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.002 U	NA	NA	NA	NA	NA
	08/25/12	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	03/19/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	08/21/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	03/11/14	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**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**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-TP2S	08/07/00	NA	<0.01	0.62	NA	<0.005	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/14/01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/21/02	<0.006	<0.01	0.36	**0.0086**	<0.005	<0.02	0.0064	NA	<0.04	<0.01	NA	<0.002	<0.01	0.064
	06/19/03	NA	NA	NA	NA	NA	NA	0.0078	NA	NA	NA	NA	NA	NA	NA
	10/26/06	<0.0026	<0.0038	0.33	**0.0072**	0.0004 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
	09/01/09	0.00032 I	0.0085 U	0.14	**0.0054**	0.00032 U	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
	02/26/10	0.0015	0.0085 U	0.033	0.0012	0.00032 U	0.0065	0.0013 U	0.000014 U	0.0049 I	0.0022 U	0.000059 U	0.000071 I	0.0095	0.067
	08/26/10	0.00040 I	0.0085 U	0.160	**0.0066**	0.00032 U	0.0065	0.0036 I	0.000014 U	0.0070	0.0022 U	0.000059 U	0.00014 I	0.0049	0.050
	02/28/11	0.0010	0.0085 U	0.052	0.0013	0.00032 U	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
	08/31/11	NA	0.0013 U	0.110	**0.0068**	0.00035 J	0.005	0.002	NA	0.010	0.0031	NA	0.00050 U	0.0038 U	0.051
	03/16/12	NA	0.0031	NA	NA	NA	NA	0.0023	NA	0.0073	NA	NA	NA	NA	NA
	08/24/12	NA	0.0035	NA	NA	NA	NA	0.0026	NA	0.0078	NA	NA	NA	NA	NA
	03/20/13	NA	0.0023 J	NA	NA	NA	NA	0.0029	NA	0.0058	NA	NA	NA	NA	NA
Dissolved	03/20/13	NA	0.0026	NA	NA	NA	NA	0.0024	NA	0.0048 J	NA	NA	NA	NA	NA
	08/27/13	NA	0.0043	NA	NA	NA	NA	0.0034	NA	0.0056	NA	NA	NA	NA	NA
Dissolved	08/27/13	NA	0.0043	NA	NA	NA	NA	0.0030	NA	0.0053	NA	NA	NA	NA	NA
	03/05/14	NA	0.0015 J	NA	NA	NA	NA	0.0023	NA	0.0033 J	NA	NA	NA	NA	NA
MW-TP3S	08/07/00	NA	<0.01	0.37	NA	<0.005	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/14/01	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/20/02	<0.006	<0.01	0.36	<0.004	<0.005	<0.02	<0.005	NA	<0.04	<0.01	NA	<0.002	<0.01	<0.02
	06/19/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/26/06	NA	<0.0038	0.29	NA	0.00017 I V	NA	<0.0019	<0.00002	NA	<0.0043	<0.0006	NA	NA	NA
	09/01/09	0.000073 U	0.0085 U	0.24	0.0015	0.00032 U	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
	02/25/10	0.000073 U	0.0085 U	0.24	0.0013	0.00032 U	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
	08/26/10	0.00034 I	0.0085 U	0.21	0.0013	0.00032 U	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
	02/28/11	0.000087 I	0.0085 U	0.21	0.0018	0.00032 U	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
	08/31/11	NA	0.0013 U	0.180	0.0015	0.00011 J	0.0011 U	0.00078 J	NA	0.0041 J	0.0019 J	NA	0.00050 U	0.0038 U	0.0087 J
	03/16/12	NA	0.0013 U	NA	NA	NA	NA	0.0014 J	NA	0.0055	NA	NA	NA	NA	NA
	08/25/12	NA	0.0013 U	NA	NA	NA	NA	0.0011 J	NA	0.0028 J	NA	NA	NA	NA	NA
	03/20/13	NA	0.0013 U	NA	NA	NA	NA	0.0012 J	NA	0.0041 J	NA	NA	NA	NA	NA
	08/27/13	NA	0.0013 U	NA	NA	NA	NA	0.0013 J	NA	0.0041 J	NA	NA	NA	NA	NA
	03/04/14	NA	0.0013 U	NA	NA	NA	NA	0.0015	NA	0.0044 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	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**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**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-TP4S	08/07/00	NA	<0.01	0.18	NA	<0.005	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/14/01	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/20/02	<0.006	<0.01	0.18	<0.004	<0.005	<0.02	<0.005	NA	<0.04	<0.01	NA	<0.002	<0.01	<0.02
	06/20/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/26/06	NA	<0.0038	0.19	NA	0.00022 V	NA	0.005 I	<0.00002	NA	<0.0043	<0.0006	NA	NA	NA
	09/01/09	0.00038 I	0.0085 U	0.20	0.00066	0.00032 U	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
	02/26/10	0.000075 I	0.0085 U	0.19	0.00055	0.00032 U	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
	08/27/10	0.000073 U	0.0085 U	0.19	0.00051	0.00032 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
	02/28/11	0.000092 I	0.0085 U	0.18	0.00058	0.00032 U	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
	08/26/11	NA	0.0013 U	0.190	0.00062	0.000095 U	0.0037 J	0.0042	NA	0.0049 J	0.0016 J	NA	0.00050 U	0.0038 U	0.017 J
	03/19/12	NA	0.0013 U	0.190	0.00083	NA	NA	0.0038	NA	0.0039 J	NA	NA	NA	NA	NA
	08/25/12	NA	0.0013 U	0.170	0.00063	NA	NA	0.0038	NA	0.0040 J	NA	NA	NA	NA	NA
	03/19/13	NA	0.0013 U	0.190	0.00070	NA	NA	0.0037	NA	0.0040 J	NA	NA	NA	NA	NA
	08/21/13	NA	0.0013 U	0.210	0.00048 J	NA	NA	0.0040	NA	0.0047 J	NA	NA	NA	NA	NA
	03/05/14	NA	0.0013 U	0.19	0.00065	NA	NA	0.0042	NA	0.0041 J	NA	NA	NA	NA	NA
MW-TP5S	08/07/00	NA	**0.024**	**3.7**	**0.062**	NA	0.046	**0.22**	NA	**0.17**	NA	NA	NA	NA	0.41
	11/14/01	NA	**0.22**	**11**	**0.23**	NA	NA	**3.3**	NA	**0.63**	NA	NA	NA	NA	NA
	12/20/02	<0.20*	<0.10*	**15**	**0.16**	<0.050*	0.17	**1.4**	<0.0002	**0.41**	<0.10*	<0.10*	<0.10*	<0.10*	1
	06/20/03	NA	NA	NA	NA	NA	NA	0.0095	NA	NA	NA	NA	NA	NA	NA
	10/26/06	**0.0095 I**	**0.064**	**2.8**	**0.14**	**0.0083 V**	0.032	**0.72**	<0.00002	**0.33**	<0.0043	<0.0006	**0.0035 I**	0.032	0.98 V
	08/31/09	0.00026 I	**0.034**	**9.1**	**0.16**	**0.0073**	0.13	**0.90**	0.000022 I	**0.40**	0.0068 U	0.00044 U	**0.0045**	0.014	1.0
	03/01/10	0.00053 I	**0.11**	**19**	**0.25**	**0.016**	0.19	**1.7**	0.000014 U	**0.64**	**0.066**	0.00030 I	**0.0052**	0.015	1.6
	08/30/10	0.0015 U	**0.18**	**16**	**0.19**	**0.013**	0.19	**1.5**	0.000014 U	**0.41**	0.044 U	0.0012 U	**0.0058**	0.012	1.2
	02/24/11	0.00045 I,J4	**0.34**	**25 J4**	**0.36**	**0.020**	0.40	**2.6**	0.000014 U	**0.89**	0.0022 U,J4	0.00022 I,J4	**0.0052 J4**	0.015	1.9
	08/31/11	NA	**0.082**	**29**	**0.300**	**0.016**	0.310	**2.2**	NA	**0.590**	**0.130**	NA	**0.0050**	0.038 U	**2.8**
	03/20/12	NA	**0.160**	**39**	**0.320**	**0.020**	NA	**1.5**	NA	**0.590**	0.045	NA	**0.0034**	NA	1.7
	08/26/12	NA	**0.090**	**47**	**0.330**	**0.018**	NA	**2.1**	NA	**0.800**	0.012	NA	**0.0047**	NA	1.9
	03/19/13	NA	**0.140**	**47**	**0.340**	**0.017**	NA	**1.6**	NA	**0.700**	0.0081	NA	**0.0039**	NA	1.8
	08/22/13	NA	**0.160**	**43**	**0.330**	**0.015**	NA	**2.7**	NA	**0.900**	**0.360**	NA	**0.0068**	NA	1.9
	03/07/14	NA	**0.14**	**51**	**0.32**	**0.016**	NA	**1.7**	NA	**0.63**	**0.062**	NA	**0.0039**	NA	1.9
MW-TP5I	03/01/10	0.00033 I	0.0099 I	0.36	**0.0063**	0.00032 U	0.024	0.011	0.000014 U	0.036	0.0044 U	0.00012 U	0.00054	**0.066**	0.090
Dissolved	03/01/12	NA	NA	NA	**0.0041**	NA	NA	NA	NA	NA	NA	NA	NA	**0.048**	NA
	08/30/10	0.00045 I	0.0085 U	0.15	0.0014	0.00032 U	0.0056	0.0013 U	0.000014 U	0.0066	0.0022 U	0.000059 U	0.00015 I	0.014	0.025
	02/24/11	0.000093 I	0.0085 U	0.096	0.00067	0.00032 U	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
	08/31/11	NA	0.0021 J	0.085	0.00065	0.000095 U	0.0011 J	0.00085 J	NA	0.0040 J	0.0032	NA	0.00050 U	0.0041 J	0.0083 U
	03/20/12	NA	0.0013 J	NA	NA	NA	NA	0.0018 J	NA	0.0043 J	NA	NA	NA	NA	0.013 J
Dissolved	03/20/12	NA	0.0027	NA	NA	NA	NA	0.0038	NA	0.0090	NA	NA	NA	NA	0.027
	08/26/12	NA	0.0023 J	NA	NA	NA	NA	0.0049	NA	0.010	NA	NA	NA	NA	0.033
Dissolved	08/26/12	NA	0.0014 J	NA	NA	NA	NA	0.0013 J	NA	0.0036 J	NA	NA	NA	NA	0.011 J
	03/19/13	NA	0.0013 U	NA	NA	NA	NA	0.0022	NA	0.0035 J	NA	NA	NA	NA	0.0083 U
Dissolved	03/19/13	NA	0.0013 U	NA	NA	NA	NA	0.0013 J	NA	0.0032 J	NA	NA	NA	NA	0.0083 U
	08/22/13	NA	0.0013 U	NA	NA	NA	NA	0.0019	NA	0.0020 J	NA	NA	NA	NA	0.0083 U
Dissolved	08/22/13	NA	0.0013 U	NA	NA	NA	NA	0.00066 J	NA	0.0020 U	NA	NA	NA	NA	0.0083 U
	03/07/14	NA	0.0017 J	NA	NA	NA	NA	0.0025	NA	0.0034 J	NA	NA	NA	NA	0.011 J
Dissolved	03/07/14	NA	0.0013 J	NA	NA	NA	NA	0.0011 J	NA	0.0020 U	NA	NA	NA	NA	0.0083 U
MW-TP6S	08/07/00	NA	<0.01	1.3	NA	<0.0050	NA	0.015	NA	NA	NA	NA	NA	NA	NA

Notes:

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

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

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

U - Analyte not detected.

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

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

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

NA - Not analyzed.

Bold - Concentration exceeds theType 1 RRS.

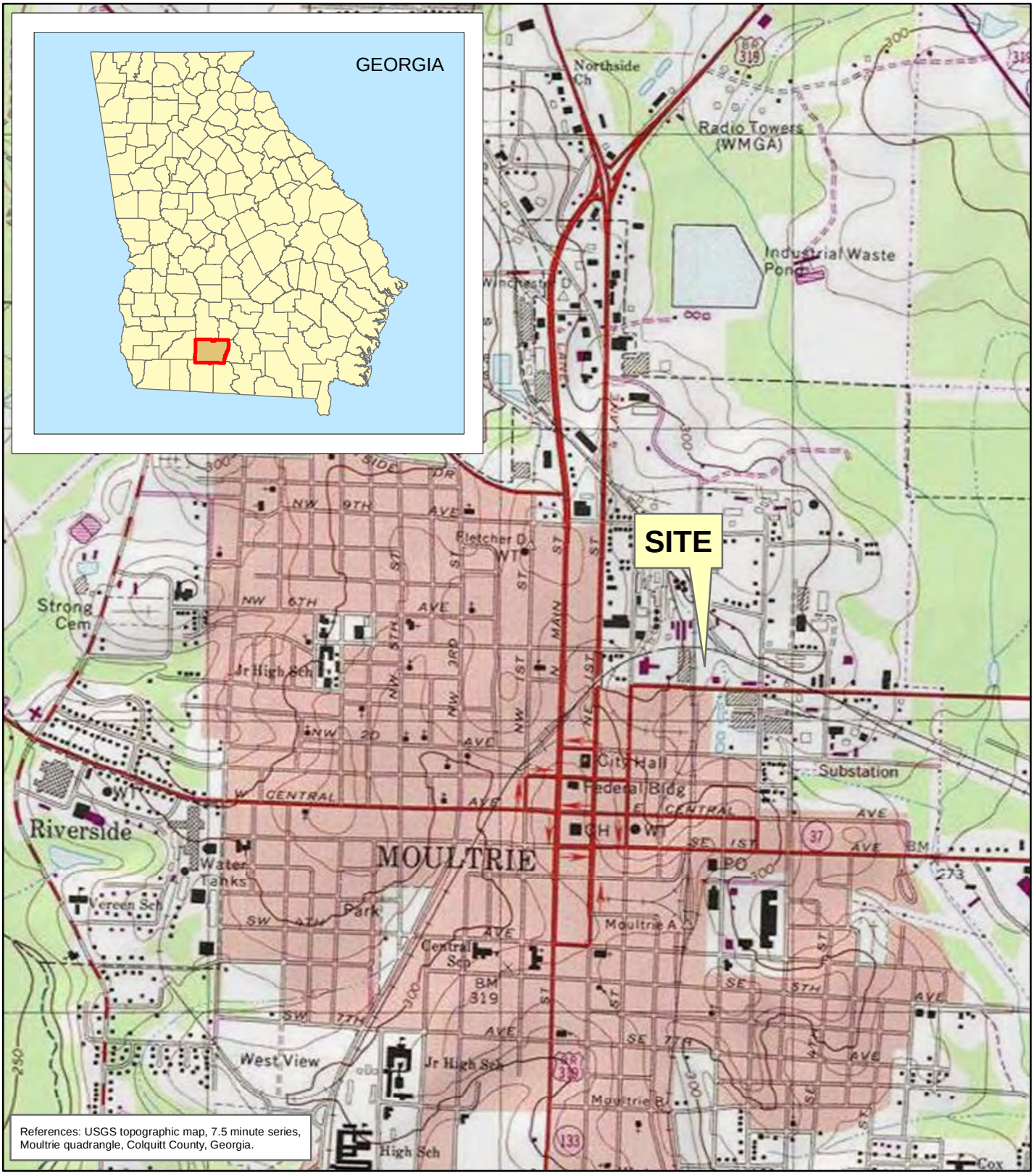
* - Elevated detection limits were reported due to sample matrix interference which required sample or extract dilution.

TABLE 6
SUMMARY OF QUALITY ASSURANCE GROUNDWATER SAMPLES - March 2014
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Sample ID	Date Sampled	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Thallium	Zinc
Statistical Background		**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.002**	**1.36**
Type 1 Risk Reduction Standard		**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.002**	**2**
EQ-1	3/10/2014	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
EQ-2	3/10/2014	0.0013 U	0.0013 U	0.00025 U	0.000095 U	0.0011 U	0.00020 U	NA	0.0020 U	0.0010 U	0.00050 U	0.0083 U
EQ-3	3/11/2014	0.0013 U	0.0013 U	0.00025 U	0.000095 U	0.0011 U	0.00020 U	NA	0.0020 U	0.0010 U	0.00050 U	0.0083 U
MW-6S-R	3/4/2014	0.0049	NA	**0.0052**	**0.0059**	NA	0.0018	NA	**0.11**	NA	NA	0.91
DUP-1	3/4/2014	0.0050	NA	**0.0041**	**0.0060**	NA	0.0017	NA	**0.12**	NA	NA	0.88
Relative Percent Difference		2%	NA	24%	2%	NA	6%	NA	9%	NA	NA	3%
MW-29S	3/12/2014	0.0027	1.1	0.0026	NA	0.012	**0.040**	0.0013	0.0080	NA	NA	NA
DUP-2	3/12/2014	0.0034	1.5	0.0029	NA	0.014	**0.046**	0.0013	0.0098	NA	NA	NA
Relative Percent Difference		23%	31%	11%	NA	15%	14%	0%	20%	NA	NA	NA
MW-3S	3/5/2014	**0.049**	0.023	**0.0074**	0.0012	0.23	**0.033**	NA	0.088	0.0073	NA	0.43
DUP-3	3/5/2014	**0.041**	0.021	**0.0053**	0.0014	0.21	**0.029**	NA	0.081	0.016	NA	0.38
Relative Percent Difference		18%	9%	33%	15%	9%	13%	NA	8%	75%	NA	12%
MW-TP5S	3/7/2014	**0.14**	**51**	**0.32**	**0.016**	NA	**1.7**	NA	**0.63**	0.062	**0.0039**	1.9
DUP-4	3/7/2014	**0.15**	**48**	**0.34**	**0.016**	NA	**1.7**	NA	**0.63**	0.068	**0.0038**	NA
Relative Percent Difference		7%	6%	6%	0%	NA	0%	NA	0%	9%	3%	NA
MW-13S-R	3/7/2014	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0035 J	NA	NA	NA
DUP-5	3/7/2014	0.0013 U	NA	0.00025 U	NA	NA	0.00044 J	NA	0.0033 J	NA	NA	NA
Relative Percent Difference		0%	NA	NA	NA	NA	75%	NA	28%	NA	NA	NA
MW-12S	3/11/2014	**0.24**	1.3	**0.044**	0.0023	0.30	**0.050**	NA	**0.21**	**0.038**	0.0019 J	1.3
DUP-6	3/11/2014	**0.19**	1.3	**0.039**	**0.0064**	0.38	**0.080**	NA	**0.27**	**0.096**	0.0050 U	1.3
Relative Percent Difference		23%	0%	12%	94%	24%	46%	NA	25%	87%	90%	0%
MW-32I	3/11/2014	**0.083**	0.37	**0.023**	**0.0055**	NA	**0.11**	NA	**0.13**	NA	0.0014 J	NA
DUP-7	3/11/2014	**0.078**	0.16	**0.023**	**0.0077**	NA	**0.10**	NA	**0.13**	NA	0.0012	NA
Relative Percent Difference		6%	79%	0%	33%	NA	10%	NA	0%	NA	15%	NA

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

FIGURES



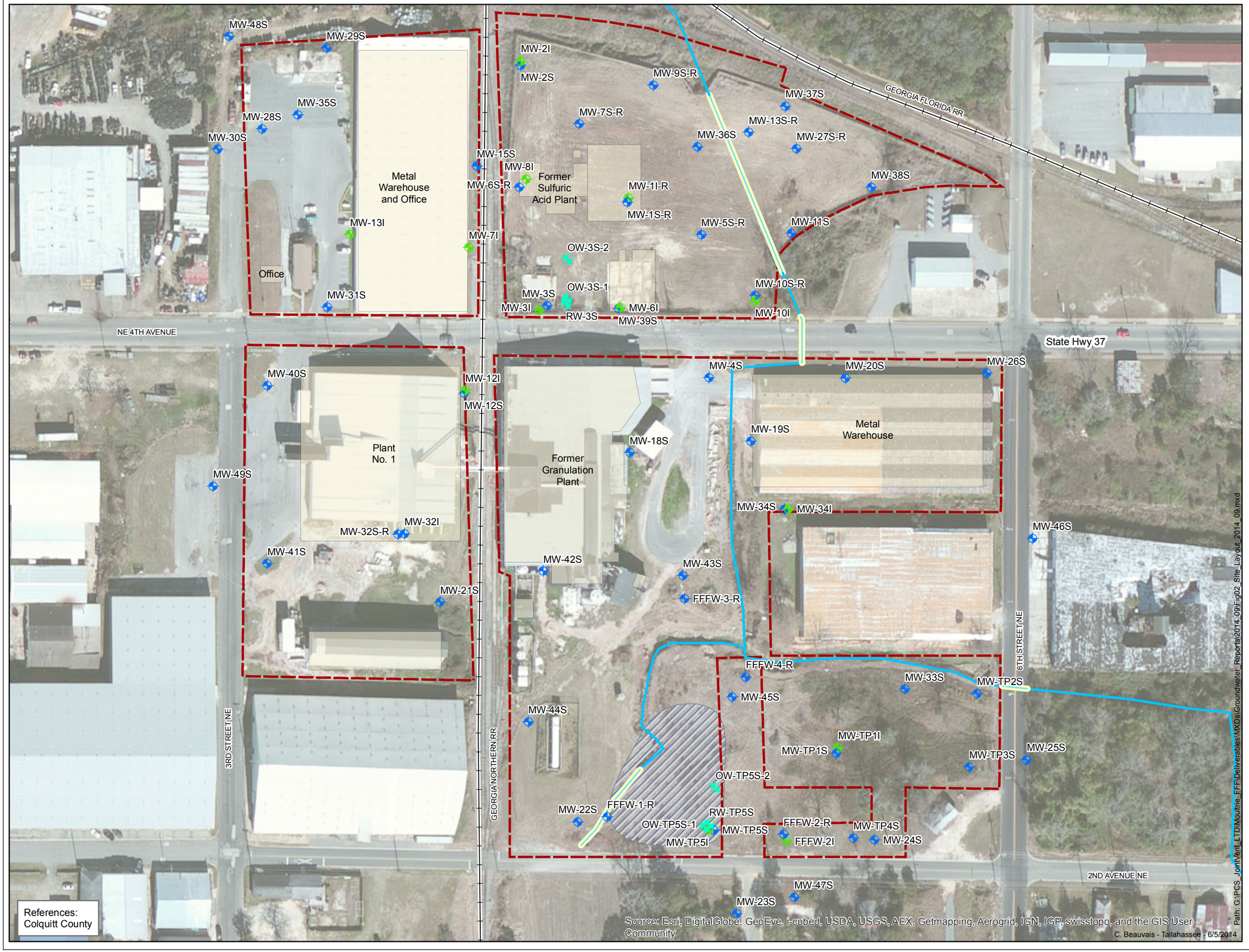
N

1,000 500 0 1,000 Feet

Coordinate System: Georgia Albers, HPGN, Meters

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

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



- Shallow Monitoring Well
- Intermediate Monitoring Well
- Test Well
- Concrete Culvert or Pipe
- Creek
- Approximate Site Boundary
- Railroad
- Former Treatment Ponds
- Current or Historic Building

Coordinate System:
NAD 1983 State Plane Georgia West, Feet

N

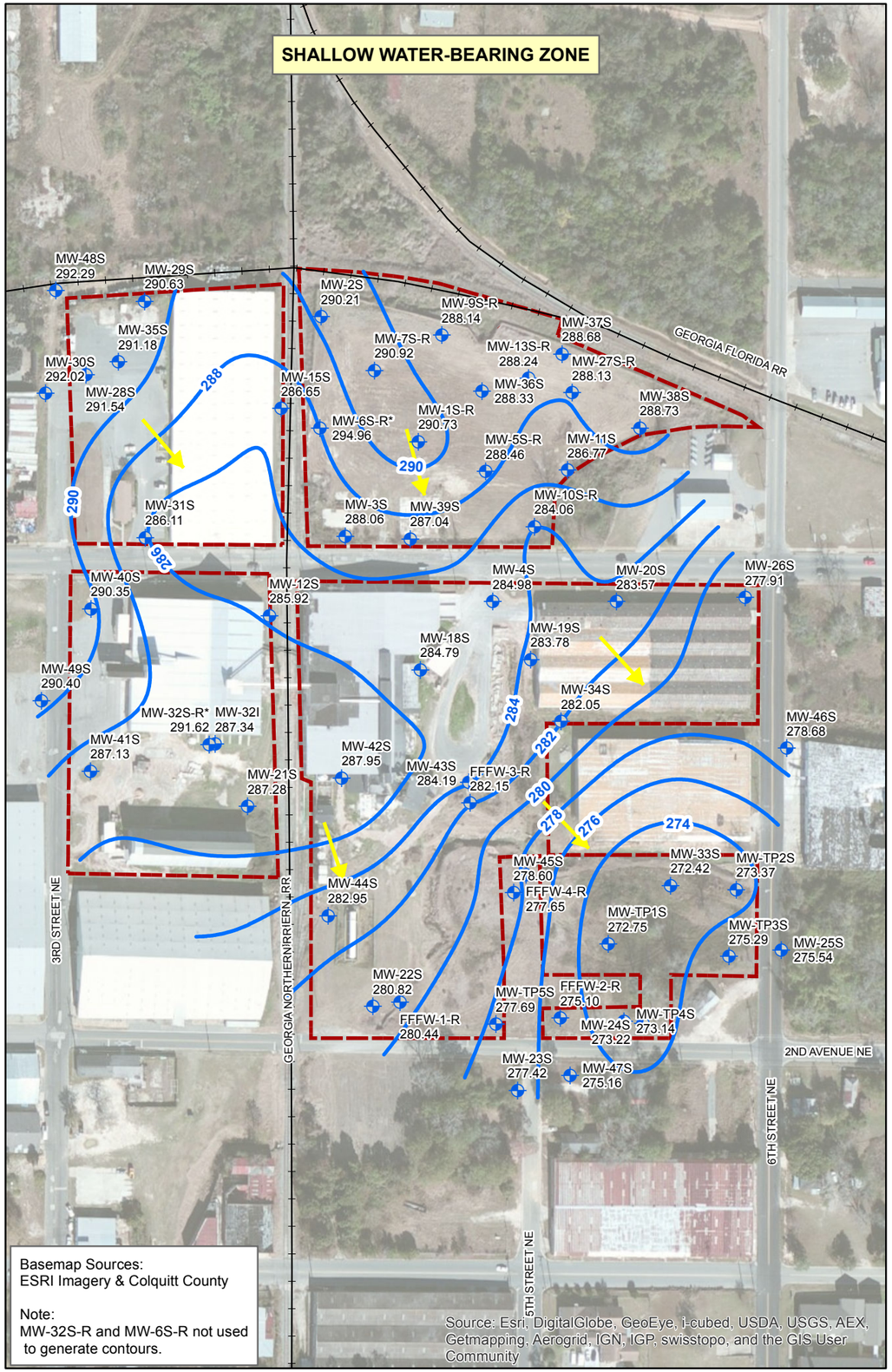
100 50 0 100 Feet

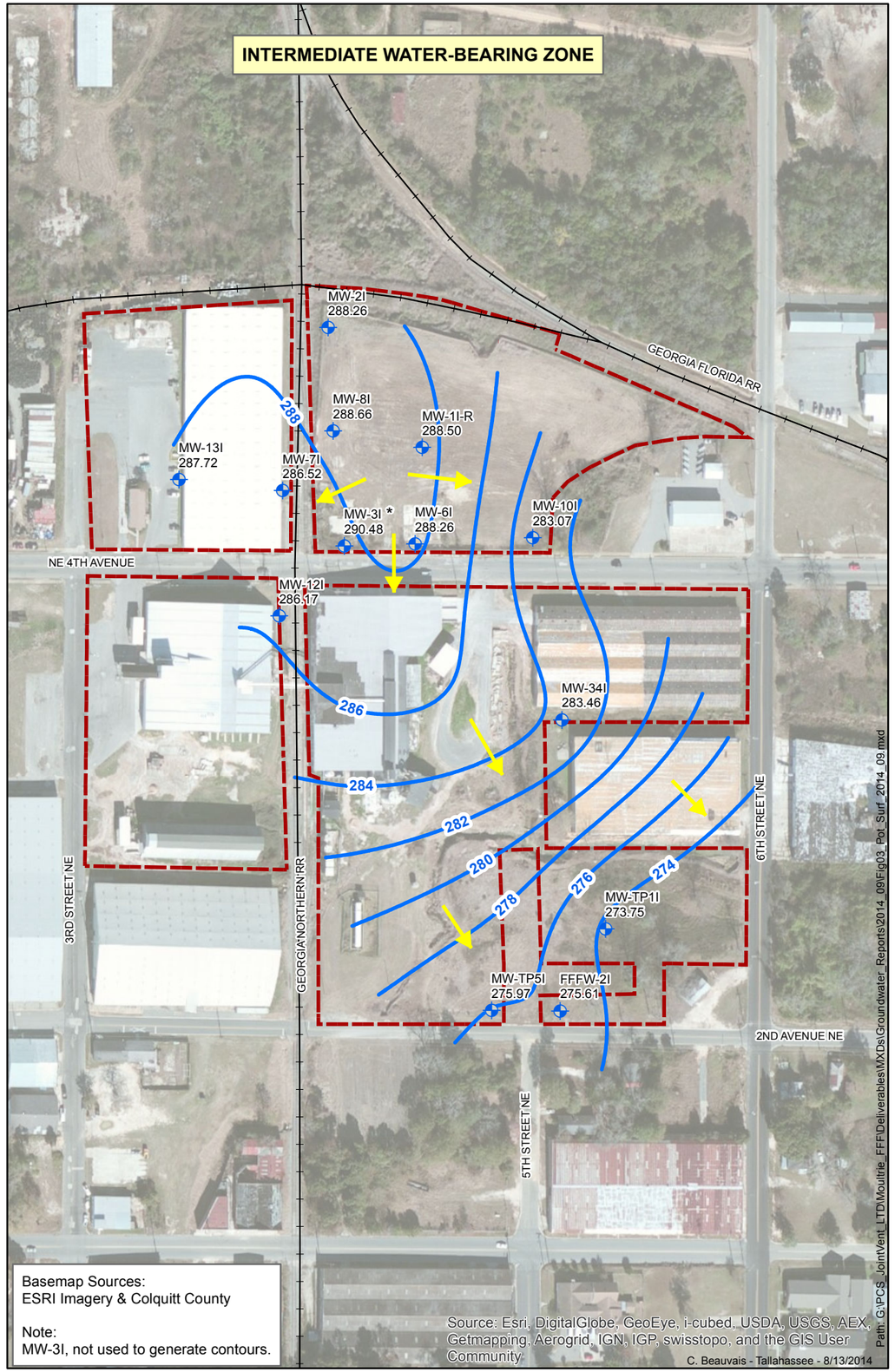
30 15 0 30 Meters

Figure
2

SITE MONITORING WELL LOCATIONS

URS
Tallahassee, Florida





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

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

Railroad

Potentiometric Surface Contour (ft NAVD88)

Groundwater Flow Direction

Approximate Site Boundary

NOTE:
NM = Not Measured
NAVD88 = North American Vertical Datum 1988
* = Anomalous groundwater elevation data compared to historical data

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 3, 2014

URS
Tallahassee, Florida

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

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

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

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

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

N

100 50 0 100 Feet

25 12.5 0 25 Meters

Figure
4

ARSENIC CONCENTRATIONS IN WATER-BEARING ZONES OF THE UPPER CONFINING UNIT MARCH 2014

URS
Tallahassee, Florida

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

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

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

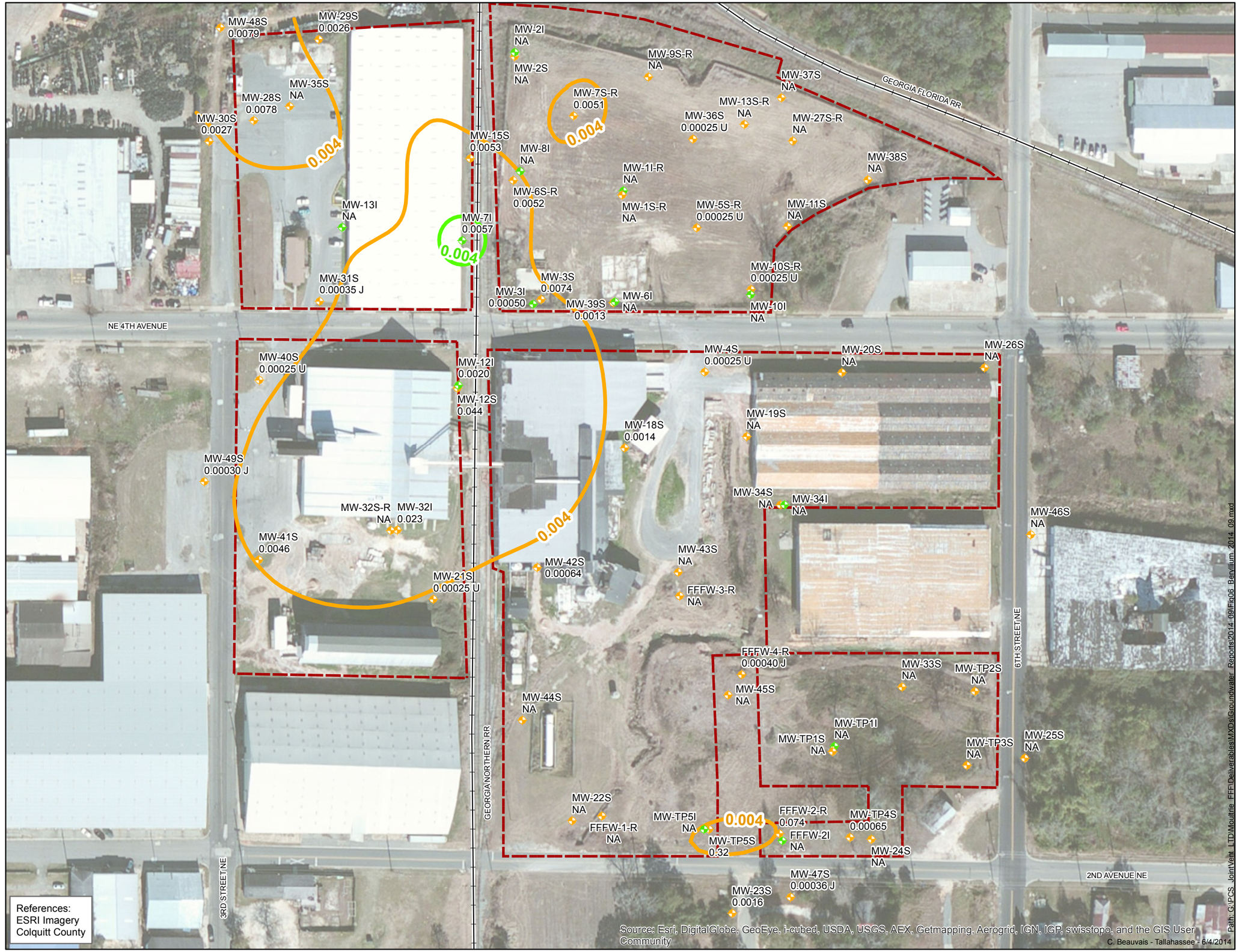
25 12.5 0 25 Meters

Figure
5

BARIUM CONCENTRATIONS IN WATER-BEARING ZONES OF THE UPPER CONFINING UNIT MARCH 2014

URS
Tallahassee, Florida

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



Shallow Monitioring Well

Intermediate Monitioring Well

Beryllium Isocontour, mg/L Intermediate Zone

Beryllium Isocontour, mg/L Shallow Zone

Railroad

Approximate Site Boundary

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

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

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

N

100 50 0 100 Feet

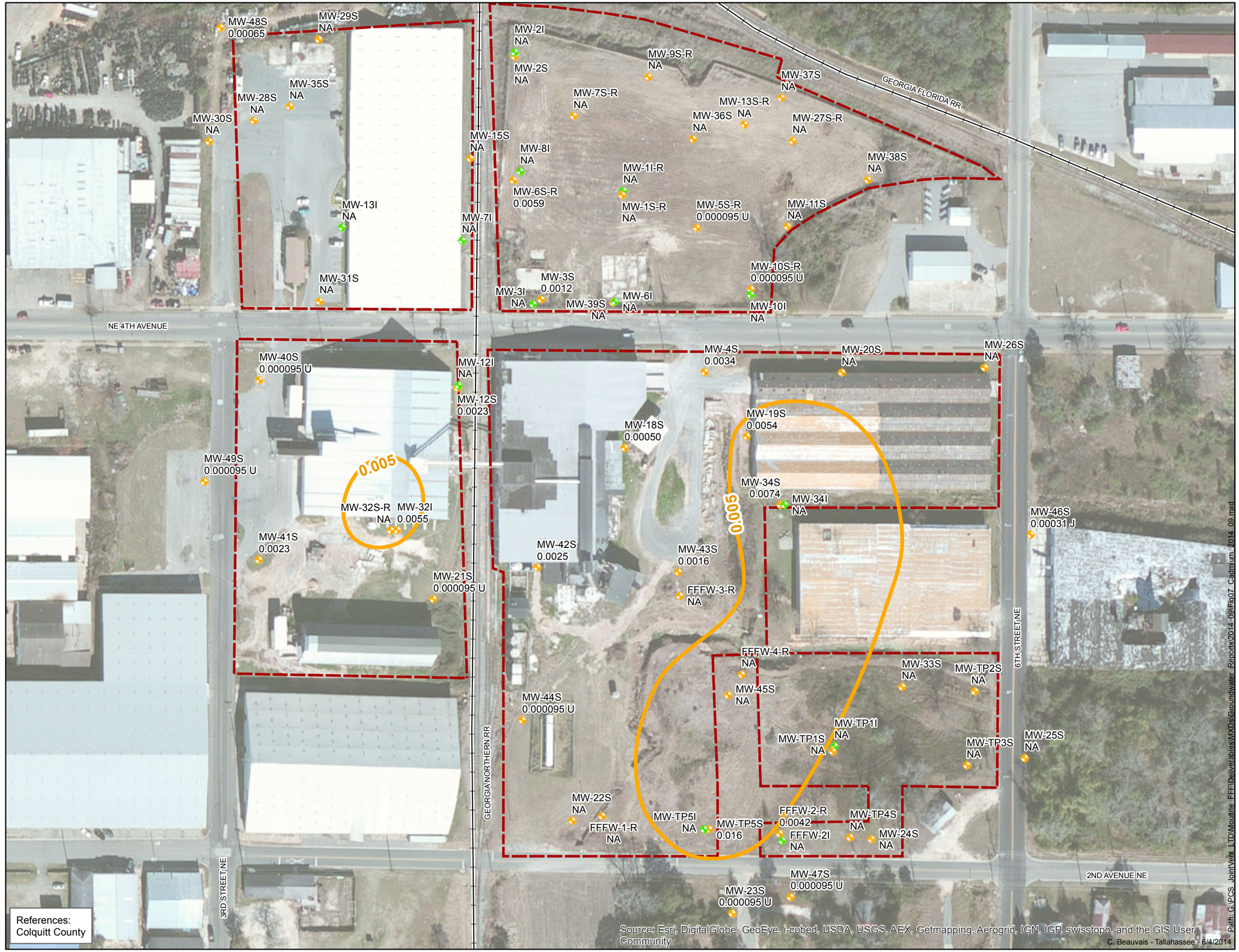
25 12.5 0 25 Meters

Figure
6

BERYLLIUM CONCENTRATIONS IN WATER-BEARING ZONES OF THE UPPER CONFINING UNIT MARCH 2014

URS
Tallahassee, Florida

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



Shallow Monitioring Well

Intermediate Monitioring Well

Cadmium Isocontour, mg/L
Shallow Zone

Railroad

Approximate
Site Boundary

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

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

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

N

100 50 0 100 Feet

25 12.5 0 25 Meters

Figure
7

CADMIUM CONCENTRATIONS IN WATER-BEARING ZONES OF THE UPPER CONFINING UNIT MARCH 2014

URS
Tallahassee, Florida

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

Shallow Monitioring Well

Intermediate Monitioring Well

Lead Isocontour, mg/L
Shallow Zone

Railroad

Approximate
Site Boundary

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

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

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

N

100 50 0 100 Feet

25 12.5 0 25 Meters

Figure
8

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

URS
Tallahassee, Florida

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

MW-48S 0.026
MW-29S 0.0080
MW-2I 0.0020 U
MW-9S-R 0.011
MW-2S 0.0083
MW-37S 0.0020 U
GEORGIA FLORIDA RR
MW-35S 0.010
MW-28S 0.030
MW-13S-R 0.0035 J
MW-30S 0.0093
MW-7S-R 0.12
MW-36S 0.0020 U
MW-27S-R 0.016
MW-15S 0.043
MW-8I 0.0033 J
MW-38S 0.0020 U
MW-1I-R 0.0020 U
MW-6S-R 0.11
MW-13I 0.0022 J
MW-1S-R 0.0020 U
MW-5S-R 0.0020 U
MW-11S 0.0035 J
MW-7I 0.015
MW-10S-R 0.0023 J
MW-31S 0.0020 U
MW-3S 0.088
MW-3I 0.020 U
MW-39S 0.012
MW-6I 0.0036 J
MW-10I 0.0020 U
NE 4TH AVENUE
MW-40S 0.0020 U
MW-12I 0.0090
MW-4S 0.10
MW-20S 0.0020 U
MW-26S 0.0020 U
MW-12S 0.21
MW-18S 0.014
MW-19S 0.042
MW-49S 0.0020 J
MW-34S 0.058
MW-34I 0.0054
MW-46S 0.0080
MW-32S-R 0.019
MW-32I 0.13
MW-41S 0.032
MW-42S 0.054
MW-43S 0.030
MW-21S 0.014
FFFW-3-R 0.057
6TH STREET NE
FFFW-4-R 0.011
MW-33S 0.0029 J
MW-TP2S 0.0033 J
MW-44S 0.0036 J
MW-45S 0.0062
MW-TP1I 0.0020 U
MW-TP1S 0.013
MW-TP3S 0.0044 J
MW-25S 0.0044 J
GEORGIA NORTHERN RR
MW-22S 0.0023 J
FFFW-1-R 0.0020 U
MW-TP5I 0.0020 U
MW-TP5S 0.63
FFFW-2-R 0.12
MW-TP4S 0.0041 J
FFFW-2I 0.0060
MW-24S 0.0055
MW-47S 0.0020 U
2ND AVENUE NE
MW-23S 0.0049 J
3RD STREET NE
0.1
0.1

References:
Colquitt County

Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

C. Beauvais - Tallahassee - 6/5/2014

Path: G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\Groundwater_Reports\2014 09\Fig09_Nickel_2014_09.mxd

Shallow Monitioring Well

Intermediate Monitioring Well

Nickel Isocontour, mg/L
Shallow Zone

Railroad

Approximate
Site Boundary

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

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

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

N

100 50 0 100 Feet

25 12.5 0 25 Meters

Figure
9

NICKEL CONCENTRATIONS IN WATER-BEARING ZONES OF THE UPPER CONFINING UNIT MARCH 2014

URS
Tallahassee, Florida

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

Shallow Monitioring Well

Intermediate Monitioring Well

Selenium Isocontour, mg/L
Shallow Zone

Railroad

Approximate
Site Boundary

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

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

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

N

100 50 0 100 Feet

25 12.5 0 25 Meters

Figure
10

SELENIUM CONCENTRATIONS IN WATER-BEARING ZONES OF THE UPPER CONFINING UNIT MARCH 2014

URS
Tallahassee, Florida

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

Shallow Monitioring Well

Intermediate Monitioring Well

Thallium Isocontour, mg/L
Shallow Zone

Railroad

Approximate
Site Boundary

NOTES:
Reference Value for Thallium is 0.002 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

THALLIUM CONCENTRATIONS IN WATER-BEARING ZONES OF THE UPPER CONFINING UNIT MARCH 2014

URS
Tallahassee, Florida

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

MW-48S 0.11
MW-29S NA
MW-35S NA
MW-28S NA
MW-30S NA
MW-15S NA
MW-13I NA
MW-7I NA
MW-31S NA
MW-2I NA
MW-2S NA
MW-9S-R NA
MW-7S-R NA
MW-37S NA
MW-13S-R NA
MW-36S NA
MW-27S-R NA
MW-8I NA
MW-6S-R 0.91
MW-1I-R NA
MW-1S-R NA
MW-5S-R NA
MW-38S NA
MW-11S NA
MW-10S-R NA
MW-10I NA
MW-3S 0.43
MW-3I NA
MW-39S 0.052
MW-6I NA
GEORGIA FLORIDA RR
NE 4TH AVENUE
MW-40S NA
MW-12I NA
MW-12S 1.3
MW-49S 0.021
MW-32S-R NA
MW-32I NA
MW-41S NA
MW-21S NA
MW-42S 3.0
MW-4S NA
MW-20S NA
MW-26S NA
MW-18S 0.13
MW-19S 3.6
MW-34S 1.5
MW-34I 0.019 J
MW-46S 0.052
MW-43S 0.16
FFFW-3-R NA
FFFW-4-R NA
MW-33S 0.089
MW-TP2S NA
MW-45S NA
MW-44S NA
MW-TP1I NA
MW-TP1S NA
MW-TP3S NA
MW-25S NA
MW-22S NA
FFFW-1-R NA
MW-TP5I 0.0083 U
MW-TP5S 1.9
FFFW-2-R 0.26
FFFW-2I NA
MW-TP4S NA
MW-24S NA
MW-47S 0.0083 U
MW-23S 0.022
2ND AVENUE NE
6TH STREET NE
3RD STREET NE
GEORGIA NORTHERN RR
2

References:
ESRI Imagery
Colquitt County

Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

C. Beauvais - Tallahassee - 6/5/2014

Path: G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\Groundwater_Reports\2014 09\Fig12_Zinc_2014_04.mxd

Shallow Monitioring Well

Intermediate Monitioring Well

Zinc Isocontour, mg/L
Shallow Zone

Railroad

Approximate
Site Boundary

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

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

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

N

100 50 0 100 Feet

25 12.5 0 25 Meters

Figure
12

ZINC CONCENTRATIONS IN WATER-BEARING ZONES OF THE UPPER CONFINING UNIT MARCH 2014

URS
Tallahassee, Florida

APPENDIX A

(59)

2/27/14 Moultrie PCS

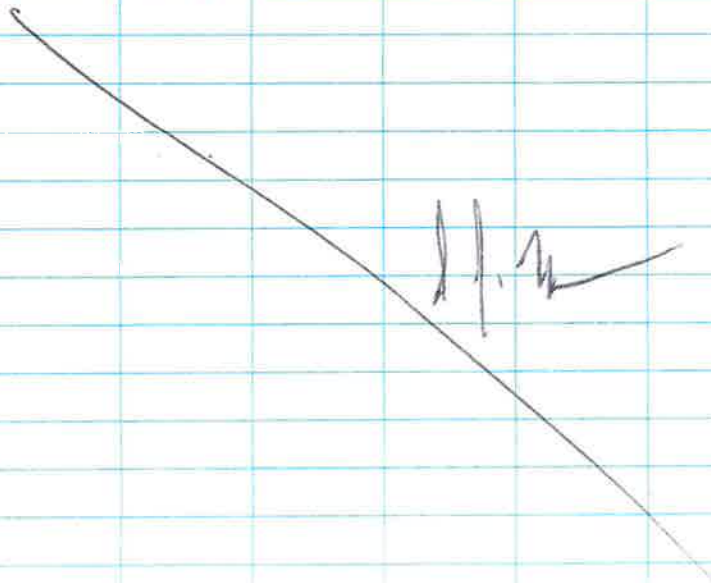
0900 E. Mann + S. Oneal arrive on site. Check in with Gary.

0910 Have H+S tailgate meeting + discuss mowing, slips, trips, falls unloading mower, PPE, hand safety.

0920 Begin mowing in direct push area. Stake out holes. Move tree debris over to ditch.

1212 Take mower to clear paths to wells in briar patches.

1345 Leave site to return mower



3.3.14

(60)

Moultrie PCS

0930 K. Hough, D. Hilton, J. Fletcher, and T. Campbell onsite for Semi-Annual Groundwater Sampling. D. Hilton check in w/ Gary Meadows. Obtain key for Fenced in field owned by PCS

Conduct Tailgate H+S meeting Discussed: Traffic, PPE, Trip/Fall, Biological Hazards

Weather: Mostly Cloudy H. 72°F 40% Chance for rain.

1015 J.F + T.C begin locating venting, and collecting water levels.

KH + DH check in w/ Sid O'Neal who is onsite overseeing utility clearance in prep for Soil assessment work.

1035 DH begin ~~KN~~ verifying XRF. KN offsite for supplies.

(50)

3-3-14

Multrie PCS

1120 K.H onsite. Begin locating, testing and collecting water levels.

ID	DTW	TD	Comment
MW-3S	4.99	13.40	2" Flush Mount
MW-3I	3.23	39.80	2" Flush Mount
Rw-3S	10.80	27.50	4" stickup
Qw-3S-1	7.09	17.19	2" stickup
Qw-3S-2	4.53	17.40	2" "
MW-6S-R	5.38	17.00	2" "
MW-8I	11.28	38.10	2" "
MW-1I-R	6.98	37.25	2" "
MW-1S-R	4.81	14.80	2 "
MW-5S-R	4.81	16.75	2" "
MW-10I	6.60	42.20	2" "
MW-10S-R	6.08	17.77	2" "
MW-11S	4.20	13.30	2" "
MW-38S	4.19	19.30	2" "
MW-27S-R	4.00	17.20	2" "
MW-13S-R	4.25	17.05	2" "
MW-37S	3.88	19.00	2" "
MW-36S	4.85	16.72	2" "
MW-9S-R	5.43	16.80	2" "
MW-7S-R	5.53	14.50	2" "

3-3-14

(52)

Multrie PCS

ID	DTW	TD	Comment
MW-2I	4.89	35.20	2" Flush
MW-2S	2.60 ~~35.20~~	15.49	2" Flush
MW-35S	9.33	24.83	"
MW-29S	9.33	29.48	"
MW-13I	11.57	54.07	"
MW-28S	9.72	23.25	" Broken Casing
MW-48S	10.09	29.00	"
MW-30S	10.42	39.00	"
MW-31S	11.41	39.99	"
MW-7I	8.61	50.30	"
MW-15S	8.73	19.90	"
MW-6I	5.15	33.44	"
MW-39S	6.31	15.60	"

1645 URS offsite, site Clean & secure

Hulton
03.03.14

(63) 03.04.14

Monitor PCS

0730 DRS on site (K. Hough, J. Fletcher, T Campbell, D. Hylton) Review H&S & scope of work, check in with Gruffen,

0750 Begin Calibration of TRS leased YSI 556 MPS #12D101257 & Hach 2100Q turbidity, Meter, All parameters calibrated

0922 Bagni set up on MW-3S; DTW = 5.03 ft btoc, tubing = 8' btoc, 2" well screen = 4-14', 3wv, top, 2-3 min

Time EST	Temp °C	SpCond µS/cm	DO mg/L	pH SU	ORP mV	Turb NTU	DTW ft btoc

0930 Begin purging MW-3S @ 0.06 gpm w/ PP. 3 well vols = 4.31 gallons

1000 Begin setup on MW-3I w/ Extra PP

1015 Begin purging MW-3I @ 0.10 gpm w/ PP. DTW = 7.32, tubing @ 37.5' bls screen 35'-40' bls

1017 MW-3S water level continues to drop. Slow pump to 0.03 gpm (as slow as possible)

3-4-14

Monitor PCS

(64)

MW-3I

CEST Time	Temp (°C)	SpCond (mS/cm)	DO (mg/L)	pH (SU)	ORP (mV)	Turb (NTU)
1030	17.29	154	0.29	4.26	350	3.53
	17.41	154	0.26	4.26	262	3.39
	17.37	153	0.25	4.26	236	3.14

1048 collected MW-3I

1105 MW-3S DTW = 5.11 dropping continue purging @ 0.03 gpm

1200 MW-3S purged dry. Approx 4.5 gallons removed.

MW-3S

(SU) pH	Temp (°C)	SpCond (mS/cm)	DO (mg/L)	Turb (NTU)	ORP (mV)
2.91	13.74	4.358	0.51	3.34	197.7

DTW = 13.50 at the time to parameters where collected.

- Allow time for well to recharge and collect sample.

1235 Site secure. KH offsite for lunch.

1300 KH onsite. Begin setup on MW-65-R

1310 Begin purging MW-65-R @ 0.06 ~~gpm~~ GPM w/ PP. DTW = 5.65, Tubing @ 7.5' bls 3 well vols = 4.00 gallons

(65)

3/4/14

Monitor PCS

1325 Begin purging MW-8I @ 0.06 gpm w/ PP
DTW = 11.35 Tubing @ 37.5' bls.
screen = 35'-40'

MW-8I

Time (EST)	pH (SU)	Temp (°C)	Cond (mS/cm)	DO (mg/L)	Turb. (NTUs)	ORP (MV)
1350	3.69	14.75	232	0.46	1.97	58.4
1355	3.70	14.78	230	0.43	1.52	53.4
1400	3.70	14.86	231	0.44	1.49	41.2

1403 collected MW-8I

1420 MW-6S-R 3 well vols complete but Conductivity continues to drop Currently at 3.476 mS/cm (change) allow time for Conductivity to Stabilize.

MW-6S-R

Time (EST)	pH (SU)	Temp (°C)	Cond (mS/cm)	DO (mg/L)	Turb (NTUs)	ORP (MV)
1448	3.24	11.80	2659	0.30	1.25	245.0
1451	3.27	11.63	2618	0.30	0.87	238.6
1454	3.29	11.70	2581	0.30	0.80	236.1

1500 Collect MW-6S-R + Dup-1

(66)

3/4/14

Monitor PCS

1515 Check depth to water in MW-3S. Well still dry.
TD = 13.40 No water

1520 Begin setup on MW-2S
DTW - 2.79, Tubing @ 4.5' bls

1527 Begin purging MW-2S @ 0.10 gpm w/ PP. Tubing @ 4.5' bls
3 well vols = 5.38 gallons

1535 Begin setup on MW-2I

1540 Begin purging MW-2I @ 0.06 gpm w/ PP. Tubing @ 32.5. Screen 30'-35' bls.
1 Equip vol = 0.367

MW-2I

Time (EST)	pH (SU)	Temp (°C)	Cond (mS/cm)	DO (mg/L)	Turb (NTUs)	ORP (MV)
1555	4.65	15.83	126	0.81	1.90	23.6
1600	4.64	15.93	126	0.76	2.12	12.8
1605	4.64	16.01	126	0.77	2.40	10.3

1608 collected MW-2S

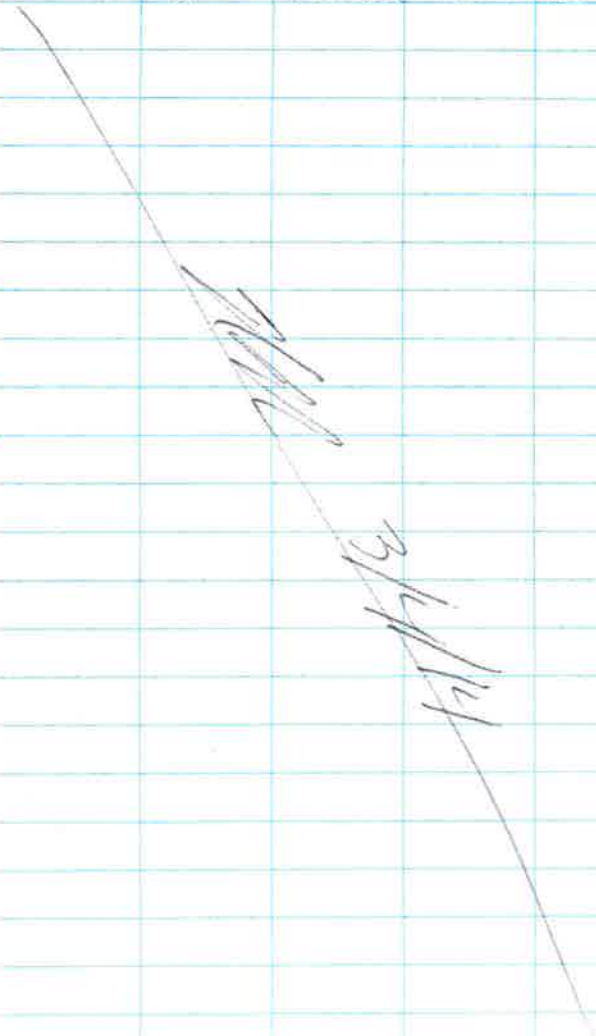
MW-2S

Time	pH	Temp	Cond	DO	Turb	ORP
1622	3.92	13.59	622	5.61	0.49	66.9
1625	3.92	13.65	621	5.58	0.42	67.0
1628	3.91	13.68	620	5.58	0.36	67.5

1632 collected MW-2S

3/4/14
Monitor PCS

1700 Begin Equip. verification
1740 Equip verification Complete.
1745 Site secure. KH offsite.



3-5-14
PCS MULTRUE

1030 R. DIGLEY ON SITE, MEET W/ TH DEB HILTON & JASON FLETCHER.

1045 ON SITE AT FIELD NORTH OF 4TH AVE. MEASURE W.L. @ MW39. WL = 10.90 SET UP TO COLLECT SAMPLE.

1125 COLLECT PHYSICAL WATER QUALITY MEASUREMENTS

PH	TEMP	COND	DO	TURB	ORP	COLOR
~~SU~~	C°	µS/cm	mg/L	NTU	mV	
3.11	14.30	1661	1.39	1.28	165.7	CLEAR

DTW = 11.00 FT BTOC

1135 COLLECT MW35 & DUP3

1201 SET UP AT MW9SR

1223 BEGIN PURGE @ 0.1 GPM

TIME	PH	~~TEMP~~	COND	DO	TURB	ORP
~~1230~~	SU	°C	µS/cm	mg/L	NTU	mV
1230	4.35	15.20	1083	0.40	1.18	-13.1
1248	4.4	16.20	1085	0.42	0.44	-57.6
1326	3 WELL VOLS. PURGED (6 GAL)					
1332	4.24	16.48	1073	0.15	0.52	-34.8
1335	4.25	16.48	1074	0.14	0.41	-35.2
1337	4.25	16.41	1074	0.14	0.37	-35.6

1339 COLLECT MW9SR

3-5-14

PCS MOULTRIE

1357 SET UP ON MW-7SR

WL = 6.62 FT BTOC

17.05 - 6.62 x 0.16 = 1.67 GPF

3 VOLS = 5 GAL.

1410 BEGIN PURGE @ 0.08 GPM

TIME	pH (SU)	TEMP °C	COND µS/cm	DO mg/L	TURB NTU	ORP mV
1514	2.33	13.93	2489	0.51	87.7	357.1
1517	2.37	13.93	2480	0.46	64.1	356.8
1520	2.34	13.84	2469	0.40	50.5	356
1525	2.41	13.77	2465	0.34	42.6	355.1
1528	2.43	13.73	2457	0.26	39.4	355
1531	2.46	13.85	2447	0.25	35.5	353
1534	2.46	13.88	2434	0.24	31.2	353

1547 COLLECT MW-7SR & MW-7SR-F (FILTERED ALIQUOT)

FINE ROOTS DISCOVERED IN TUBE INTAKE AFTER SAMPLING. SAME ON WL TAPE AFTER TAGGING BOTTOM OF WELL.

1600 SET UP ON MW-3S

WL = 3.88 FT BTOC

1 WELL VOL = 2.35 GALLONS

3 WELL VOL = 7 GALLONS

1620 BEGIN PURGING @ 0.11 GPM

3-5-14

PCS MOULTRIE

TIME	pH (SU)	TEMP °C	COND. µS/cm	DO mg/L	TURB NTU	ORP mV
1728	6.11	16.27	913	0.10	0.82	-154.6
1731	6.11	16.27	912	0.10	1.03	-155.4
1734	6.11	16.25	913	0.10	0.90	-156.2

1736 COLLECT MW-3S

1900 DUMP PURGE WATER.

1915 OFF SITE

3-7-14

PCS MOULTRIE

0830 R. DICKEY ON SITE, REVIEW JSA FOR GW SAMPLING.

0840 SET UP ON MW36S

0850 BEGIN PURGING @ 0.125 GPM

TIME	PH (SU)	TEMP °C	COND µS/cm	DO mg/L	TURB NTU	ORP mV
0940	6.69	13.36	197	2.74	7.19	-37.8
0943	6.68	13.38	199	2.93	9.19	-37.6
0946	6.68	13.47	200	2.84	7.60	-38.2

0949 COLLECT MW36S.

1000 SET UP ON MW13SR

1010 BEGIN PURGING @ 0.12 GPM

3 WELL VOL. = 6.4 GAL.

TIME	PH SU	TEMP °C	COND µS/cm	DO mg/L	TURB NTU	ORP mV
1107	6.30	15.10	606	0.26	2.69	-58
1110	6.31	15.11	606	0.25	2.82	-59.9
1113	6.32	15.07	607	0.24	2.50	-63.8

1115 COLLECT MW13SR & DUP5.

1125 SET UP ON MW27SR.

3 WELL VOL. = 6.6 GAL.

WL = 3.19 FT BTOC.

1133 BEGIN PURGING @ 0.1 GPM

3-7-14

PCS MOULTRIE

MW27SR

TIME	PH	TEMP °C	COND µS/cm	DO mg/L	TURB NTU	ORP mV
1239	6.67	13.30	572	0.12	9.42	-158
1241	6.67	13.35	578	0.12	7.52	-158.6
1244	6.67	13.22	582	0.12	6.61	-158.5

1246 COLLECT MW27SR.

1255 OFF SITE TO DUMP PURGE WATER AND BUY BATTERIES FOR XSI

1315 SET UP ON MW11S

3 WELL VOL. = 5.5 GAL

DTW = 3.19

1325 BEGIN PURGING @ 0.10 GPM.

TIME	PH	TEMP °C	COND µS/cm	DO mg/L	TURB NTU	ORP mV
1420	7.15	10.06	760	2.69	5.21	-69.9
1423	7.16	10.04	762	2.74	4.20	-70.9
1426	7.16	10.06	761	2.71	4.08	-71.8

1428 COLLECT MW11S.

1434 SET UP ON MW38S

DWT = 3.47 FT BTOC

3 WELL VOL. = 7.5 GAL

1441 BEGIN PURGING @ 0.10 GPM.

3-7-14
PCS MOULTRIE

MW38S

TIME	pH	TEMP °C	COND µS/cm	DO mg/L	TURB NTU	ORP mV
1550	6.24	13.71	200	0.14	4.27	-97.2
1553	6.24	13.69	201	0.11	3.98	-99
1556	6.25	13.61	201	0.8	3.94	-100.4

1558 COLLECT MW38S
1604 BEGIN VERIFYING EQUIPMENT.
1630 DUMP PURGE WATER, SECURE SITE
1700 OFF SITE

3-10-14
PCS MOULTRIE

0837 R. DICKEY ON SITE, MEET WITH J. FLEMER, TAILGATE SAFETY MEETING, DISCUSS WEATHER CONDITIONS & LOGISTICS
0900 SET UP ON MW5SR
* NOTE: EQUIPMENT CALIBRATED EARLIER IN THE MORNING.
DTW = 4.57
3 WELL VOL. = 5.84 GAL.
0923 BEGIN PURGE @ 0.125 GPM
0951 REDUCE PURGE RATE TO 0.07 GPM
1054 @ 6 GALLONS PURGED, WELL STABLE.

TIME	pH	TEMP (C)	COND (µS/cm)	DO (mg/L)	TURB	ORP (mV)
1057	7.04	15.40	552	2.28	3.66	-21.2
1100	7.03	15.44	557	2.30	3.64	-21.9
1103	7.02	15.43	567	2.27	4.59	-22.7
1106	7.01	16.51	570	2.19	3.70	-21.5

1110 COLLECT MW5SR
1120 SET UP ON MW10SR
DTW = 5.79
3 WELL VOL = 5.4 GAL
1131 COLLECT EQUIP. BLANK EQ1 USING D.I. WATER FROM URS WATER TREATMENT SYSTEM.

3-10-14
PCS MOULTRIE

MW10SR

1114 BEGIN PURGE @ 0.07 GPM
1403 5.5 GALLONS PURGED, DTW STABLE @ 7.43 FT BTOC.

TIME	pH	TEMP °C	COND µS/cm	DO mg/L	TURB NTU	ORP mV
1406	6.09	18.81	222	0.25	4.44	-14.9
1409	6.10	18.69	223	0.26	5.18	-15.5
1412	6.10	18.83	223	0.25	4.01	-14.7

1414 COLLECT MW10SR
1420 SET UP ON MW10I
DTW = 5.50 FT BTOC.
~~3 WELL VOL~~ 1 EQUIP VOL = 0.4 GAL
1430 BEGIN PURGING @ 0.10 GPM.
1440 0.5 GAL PURGED, REDUCE FLOW TO 0.07GPM

TIME	pH	TEMP °C	COND µS/cm	DO mg/L	TURB NTU	ORP mV
1445	5.88	19.78	82	0.15	4.15	7.4
1550	5.82	19.95	81	0.15	4.51	0.6
1455	5.81	20.05	81	0.18	4.27	-3.1
1500	5.80	20.04	81	0.19	4.12	-5.8

1502 COLLECT MW10I
1510 OFF SITE TO REFUEL TRUCK
1540 BACK ON SITE, SET UP ON MW1SR

3-10-14
PCS MOULTRIE

MW1SR

DTW = 4.42 FT BTOC
3 ~~EQUIP~~ WELL VOL = 4.9 GAL.
1553 BEGIN PURGING @ 0.08 GPM
1710 5 GALLONS PURGED
1722 FLOW REDUCED TO 0.06 GPM, DTW STABLE @ 5.70 FT BTOC

TIME	pH	TEMP °C	COND µS/cm	DO mg/L	TURB NTU	ORP mV
1735	7.14	16.53	218	6.17	26.8	-1.7
1738	7.15	16.67	223	6.21	26.5	-2.7
1741	7.15	16.53	224	6.25	25.1	-3.4

1750 COLLECT MW1SR & MW1SR-F
1620 SET UP ON MW1IR
DTW = 6.87 FT BTOC
1 EQUIP VOL = 0.4 GAL
1630 BEGIN PURGE @ 0.10 GPM
1635 DTW STABLE @ 7.32 FT BTOC

TIME	pH	TEMP °C	COND µS/cm	DO mg/L	TURB NTU	ORP mV
1705	4.72	19.67	139	0.34	3.36	-12.6
1710	4.73	20.07	139	0.33	2.70	-17.3
1715	4.73	19.96	140	0.32	2.68	-16.4

1720 COLLECT MW1IR
1750 SECURE SITE, PUMP PURGE WATER.
1820 OFF SITE.

3-11-14
PCS MOUNTRAIL

0745 R. DICKEY ON SITE. MEET WITH J. FLETCHER & TREVOR. VERIFY EQUIPMENT.
0850 SET UP ON MW399 & MW6I, WILL PURGE MW399 WHILE SAMPLING MW6I.

MW399

DTW = 5.23 FT BTOC
3 WELL VOL = 5.2 GAL.
0928 BEGIN PURGING @ 0.10 GPM *

TIME	pH	TEMP °C	COND mS/cm	DO mg/L	TURB NTU	ORP mV
1035	4.59	18.84	376	0.26	2.29	32.9
1038	4.59	18.88	378	0.20	2.25	34.6
1041	4.59	18.86	380	0.20	1.79	34.7

* 5.2 GAL REMOVED @ 1020 HRS.
1040 COLLECT MW399
0935 BEGIN PURGING MW6I @ 0.10 GPM
DTW = 5.04 FT BTOC
1 EQUIP VOL = 0.34 GAL
0943 0.5 GAL PURGED

3-11-14
PCS MOUNTRAIL

MW6I

TIME	pH	TEMP °C	COND mS/cm	DO mg/L	TURB NTU	ORP mV
1013	4.85	20.29	191	0.37	2.16	36.4
1018	4.82	20.30	195	0.31	2.95	31.3
1023	4.81	20.37	195	0.27	2.38	28.2

1026 COLLECT MW6I
1110 SET UP ON MW15S
DTW = 8.43 FT BTOC
3 WELL VOL. = 5.6 GAL
1139 BEGIN PURGING @ 0.08 GPM.
1250 WELL STABLE, 5.5 GAL. REMOVED.

TIME	pH	TEMP	COND	DO	TURB	ORP
1253	3.68	18.87	1581	0.13	1.97	367.8
1256	3.68	18.83	1577	0.12	1.61	366.4
1259	3.68	18.82	1570	0.12	2.00	362.5

1302 COLLECT MW15S
1315 SET UP ON MW7I
DTW = 8.53 FT BTOC
1 EQUIP VOL = 0.4 GAL
1323 BEGIN PURGE @ 0.10 GPM
1332 0.5 GALLONS PURGED REDUCE FLOW TO 0.09 GPM

3-11-14
PCS MOULTRIE

MW7I

TIME	pH	TEMP °C	COND µS/cm	DO mg/L	TURB NTU	ORP mV
1335	4.17	20.05	970 ~~975~~ 973	0.19	17.3	162.2
1340	4.15	20.06	~~975~~	0.18	17.6	161.1
1345	4.14	20.14	972	0.16	15.4	159.1

1400 COLLECT MW7I & MW7I-F
(TOTAL & DISSOLVED ALIQUOTS)

1400 DUMP PURGE WATER

1418 SET UP ON MW35S
DTW = 9.13 FT BTOC
3 WELL VOL = 7.6 GAL

1430 COLLECT EQUIPMENT BLANK
EQ3

1438 BEGIN PURGING MW35S @ 0.07 GPM

1600 6 GAL. PURGED, INCREASE FLOW TO 0.10 GPM

1615 7.5 GAL. PURGED, DECREASE FLOW TO 0.09 GPM

1619 WELL STABLE @ 0.09 GPM

TIME	pH	TEMP °C	COND µS/cm	DO mg/L	TURB NTU	ORP mV
1621	4.21	23.55	496	0.4	5.99	74.4
1624	4.21	23.56	498	0.4	4.97	71.2
1627	4.21	23.55	499	0.38	4.07	70.3

1630 COLLECT MW35S

3-11-14
PCS MOULTRIE

1645 SET UP ON MW28S
DTW = 9.60
3 WELL VOL = 7.9 GAL

1707 BEGIN PURGE @ 0.10 GPM

1821 7.5 GALLONS PURGED, WELL STABLE

TIME	pH	TEMP °C	COND µS/cm	DO mg/L	TURB NTU	ORP mV
1829	4.86	23.06	1723	0.32	16.4	27.3
1832	4.84	23.06	1757	0.32	16.3	26.2
1835	4.82	23.08	1775	0.31	15.2	27.5

1845 COLLECT MW28S & MW28S-F
(TOTAL & DISSOLVED ALIQUOTS)

NOTES: WELL CAP WAS LOOSE & COULD NOT BE MADE TO SEAL — REPLACED. RISER PIPE IS BROKEN @ 0.5 FT BTOC. STORM WATER APPEARS TO BE LEAKING INTO THE WELL AT THE BREAK. APPROX. 0.75 FT OF SEDIMENT IN BOTTOM OF WELL.

1900 CLEAN UP, VERIFY/CALIBRATE EQUIPMENT.

2000 OFF SITE

90

3-12-14
PCS MOULTRIE

0800 R. DICKEY ONSITE, LIGHT RAIN IS FALLING.

0815 SET UP ON MW31S

DTW = 10.93

3 WELL VOL = 13.7 GAL

0830 BEGIN PURGE @ 0.09 GPM

1200 13.7 GAL PURGED

DTW = 31.84

FLOW = 0.03 GPM

TIME	pH	TEMP °C	COND µS/cm	DO mg/L	TURB NTU	ORP mV
1206	4.99	21.46	77	5.65	12.8	78.6
1209	4.99	21.45	77	5.68	12.5	79.5
1212	4.98	21.49	78	5.53	12.3	80.0

1230 COLLECT MW31S & MW31S-F (TOTAL & DISSOLVED ALIQUOTS)

1245 SET UP ON MW29S

DTW = 9.04 FT BTOC.

3 WELL VOL = 9.8 GAL

1305 BEGIN PURGING @ 0.11 GPM

1400 6 GAL PURGED INCREASE FLOW TO 0.125 GPM

1410 INCREASE FLOW TO 0.14 GPM

1420 9 GAL PURGED, DTW STABLE @ 9.52

3-12-14
PCS MOULTRIE

MW29S

1426 10 GAL PURGED, DTW = 9.52 FT BTOC

TIME	pH	TEMP °C	COND µS/cm	DO mg/L	TURB NTU	ORP mV
1429	4.04	19.91	1413	0.18	1.51	103.9
1432	4.05	19.83	1413	0.18	1.53	103.7
1435	4.04	20.06	1414	0.18	1.67	102.4

1439 COLLECT MW29S & DUP2

1500 SET UP ON MW48S

DTW = 9.90 FT BTOC

3 WELL VOL = 9.9 GAL

1529 BEGIN PURGING @ 0.14 GPM

1618 9 GALLONS PURGED, DTW STABLE @ 10.69 FT

1632 10 GALLONS PURGED, DTW = 10.69 FT BTOC

TIME	pH	TEMP	COND	DO	TURB	ORP
1635	3.97	19.50	1079	0.13	1.61	111.8
1638	3.97	19.45	1080	0.13	1.66	115.8
1641	3.96	19.46	1081	0.12	1.75	110.9

1644 COLLECT MW48S

1730 SECURE SITE (GAY TIRE), DUMP PURGE WATER

1830 VERIFY EQUIPMENT.

1830 OFF SITE

RJD/TAT

PCS Moultrie 3/3/14

1000 J. Fletcher + T. Campbell onsite.

Weather: Overcast, 69°F.

Discuss H&S concerns w/ Deb Hilton.

1039 Begin venting wells + collecting water levels.

Well ID	DTW (ft)	TD (ft)	Comments
MW-46s	3.80	14.61	2"
MW-25s	4.93	14.90	2"
MW-23s	13.03	31.57	2"
MW-47s	17.95	31.85	2"
MW-26s	8.69	19.62	2"
MW-20s	~~1.00~~ 1.01	14.84	2"
MW-4S	2.28	11.76	2"
MW-19s	3.97	16.65	2"
MW-34s	2.61	14.78	2"
MW-34I	4.03	45.82	2"
MW-18S	0.69	12.88	2"
MW-43s	4.15	17.87	2"
FFFW-3-R	5.91	17.33	2"
MW-42s	2.02	11.88	2"
MW-44s	7.49	22.60	2"
MW-22S	3.17	15.40	2"
FFFW-1-R	5.92	16.46	2"
OW-TP58-1	12.31	28.37	2"

(17)

PCS Moultrie 8/29/13

0840 Set up on MW-48S DTW 9.20. Placed 12' tubing Purge Rate 0.10 gpm.

0900 Well stable

Time	DTW (FT)	PH (SU)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	Turb (NTU)	ORP (mV)
1043	9.90	3.95	21.26	1112	0.17	0.38	46.2
1046	9.90	3.96	21.27	1111	0.17	0.36	44.8
1049	9.90	3.96	21.27	1110	0.18	0.37	44.6

no color no odor

1055 Sample Collected MW-48-S

(18)

PCS Moultrie 3/3/14

1000 J. Fletcher + T. Campbell onsite, Weather: Overcast, 69°F, Discuss H2S concerns w/ Deb Hilton, 1039 Begin venting wells + collecting water levels,

Well ID	DTW (ft)	TD (ft)	Comments
MW-46S	3.80	14.61	2"
MW-25S	4.93	14.30	2"
MW-23S	13.03	31.57	2"
MW-47S	17.95	31.85	2"
MW-26S	8.69	19.62	2"
MW-20S	~~1.00~~ 1.01	14.84	2"
MW-4S	2.28	11.76	2"
MW-19S	3.97	16.65	2"
MW-34S	2.61	14.78	2"
MW-34I	4.03	45.82	2"
MW-18S	0.69	12.88	2"
MW-43S	4.15	17.87	2"
FFFW-3-R	5.91	17.33	2"
MW-42S	2.02	11.88	2"
MW-44S	7.49	22.60	2"
MW-22S	3.17	15.40	2"
FFFW-1-R	5.92	16.46	2"
OW-TP5S-1	12.31	28.37	2"

(19) PCS Moultrie 3/3/14

Well ID	DTW	TD	Comments
RW-TP5s	12.44	28.50	2"
MW-TP5I	15.55	52.99	2"
MW-TP5s	10.64	25.15	2"
OW-TP5s-2	10.43	23.42	2"
MW-45s	8.87	22.75	2"
FFFW-4-R	8.74	17.88	2"
FFFW-2I	17.36	52.91	2"
FFFW-2-R	16.95	29.52	2"
MW-TP4s	14.24	24.69	2"
MW-24s	12.78	29.80	2"
MW-TP1s	11.49	20.17	2"
MW-TP1I	10.74	48.31	2"
MW-TP3s	3.42	19.44	2"
MW-TP2s	4.92	19.99	2"
MW-33s	8.03	27.33	2"
MW-32s-R	4.94	15.98	2"
MW-32I	9.05	30.12	2"
MW-21s	1.39	19.65	2"
MW-41s	3.26	30.00	2"
MW-49s	2.79	34.35	2"
MW-40s	8.07	34.73	2"
MW-12I	9.51	38.42	2"
MW-12s	9.69	24.80	2"

1636 SFT TC offsite.

(20) PCS Moultrie 3/4/14

0720 J. Fletcher onsite.
Weather: Overcast, 45°F.
0730 Discuss H_2S and sign in on JSA.
0738 Begin calibrating equipment.
YSI-556 # 11F102275
Hach 2100Q turbidimeter: S/N-10080C003867
0850 Calibration complete.
Equipment passed all calibrations and verifications.
0915 Set-up @ MW-46s. DTW-3.90
0926 Begin purging MW-46s @ 0.10 gpm from 5.5' BTOC w/ PP & PE tubing.

Time	pH SU	mS/cm Sp. cond	mg/L DO	°C Temp	mV ORP	NTU Turb	ft DTW
1021	3.90	399	1.80	17.70	292	0.74	6.08
1024	3.87	398	1.76	17.68	295	0.65	6.13
1027	3.84	397	1.67	17.70	299	0.57	6.18

1032 Collect Sample MW-46s clear no odor. For Metals.
1040 Set-up @ MW-25s. DTW-4.98
1052 Begin purging MW-25s @ 0.10 gpm from 7' BTOC w/ PP & PE tubing.

PCS Moultrie 3/4/14

Time	pH (SU)	sp.cond (µS/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb (NTU)	DTW (ft)
1142	4.94	282	2.33	16.67	212	1.65	5.75
1145	4.92	283	2.31	16.69	212	1.65	5.75
1148	4.87	283	2.34	16.72	211	1.56	5.75

1154 Collect Sample MW-25s Clear No odor
For Metals.

1200 Offsite for lunch.

1230 Back onsite.

1236 Set-up @ MW-TP3s. DTW- 3.52

1248 Begin purging MW-TP3s @ 0.14 gpm from 5.5' BTOC w/ PP & PE tubing.

Time	pH (SU)	sp.cond (µS/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb (NTU)	DTW (ft)
1345	4.50	~~731~~ 206	0.31	17.31	213	0.64	6.86
1348	4.51	206	0.31	17.20	213	0.81	6.90
1351	4.49	206	0.32	17.14	214	0.43	6.92

1357 Collect Sample MW-TP3s Clear No odor
For Metals.

1407 Set-up @ MW-23s. DTW- 13.08

1417 Begin purging MW-23s @ 0.17 gpm from 15' BTOC w/ PP & PE tubing.

PCS Moultrie 3/4/14

Time	pH (SU)	sp.cond (µS/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb (NTU)	DTW (ft)
1512	4.53	136	2.08	20.40	218	0.54	16.68
1515	4.51	138	2.12	20.38	218	1.74	16.68
1518	4.51	138	2.12	20.42	217	0.69	16.68

1524 Collect Sample MW-23s Clear No odor
For Metals.

*1438 Begun purging MW-47s w/ second pump @ 0.15 gpm from 20' BTOC w/ PE tubing.

Time	pH (SU)	sp.cond (µS/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb (NTU)	DTW (ft)
1530	4.98	50	4.35	19.34	204	1.91	18.02
1533	4.99	51	4.20	19.47	203	1.91	18.02
1536	5.07	50	4.20	19.50	197	1.87	18.02

1541 Collect Sample MW-47s Clear No odor
For Metals.

1546 Set-up @ MW-42s. DTW- 2.11

1555 Begin purging MW-42s @ 0.10 gpm from 4' BTOC w/ PP & PE tubing.

Time	pH (SU)	sp.cond (µS/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb (NTU)	DTW (ft)
1657	4.85	3220	0.18	16.40	218	62.0	4.26
1700	4.85	3245	0.18	16.47	217	119	4.26
1703	4.85	3282	0.17	16.42	217	129	4.26

1707 Collect Sampe MW-42s Cloudy No odor
~~1709~~ 1707 SF For Metals
* Filtered sample also collected.

1755 JF offsite

(23)

PCS Moultrie 3/5/14

0730 J. Fletcher + T. Campbell onsite, Weather: Raining, 39°F.

H+S concerns: Bad weather, Traffic, PPE, Splash, Slips, Trips, Biological Hazards.

0740 Begin equipment verification.

* H+S comment: Black Widow spider was discovered in well vault on 3/3/14. *

0848 Equipment verification complete, All verifications passed.

0901 Set-up @ MW-20s. DTW- 1.02

0908 Begin purging MW-20s @ 0.13 gpm from 3' BTOC w/ PP + PE tubing.

Time	pH (SU)	sp.cond (µS/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb (NTU)	DTW (ft)
1000	6.29	331	0.33	13.57	-37	4.58	2.95
1003	6.28	330	0.29	13.51	-36	3.20	2.98
1006	6.28	330	0.27	13.46	-37	3.98	2.99

1011 Collect Sample MW-20s clear no odor For Metals.

* 0919 Began purging MW-26s w/ second PP @ 0.10 gpm from 10.5' BTOC w/ PE tubing.

(24)

PCS Moultrie 3/5/14

Time	pH (SU)	sp.cond (µS/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb (NTU)	DTW (ft)
1021	5.43	108	2.72	17.50	54	1.22	9.24
1024	5.32	107	2.71	17.59	56	0.66	9.24
1027	5.21	106	2.66	17.69	61	0.53	9.24

1032 Collect Sample MW-26s clear no odor For Metals.

1112 Set-up @ MW-TP2s. DTW-5.00

1120 Begin purging MW-TP2s @ 0.14 gpm from 7' BTOC w/ PP + PE tubing.

Time	pH (SU)	sp.cond (µS/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb (NTU)	DTW (ft)
1212	5.32	267	0.60	15.74	116	5.46	5.93
1215	5.31	266	0.58	15.83	117	5.50	5.93
1218	5.32	266	0.58	15.78	118	5.97	5.93

1223 Collect Sample MW-TP2s clear no odor For Metals.

* 1128 Began purging MW-33s w/ second PP @ 0.14 gpm from 10' BTOC w/ PE tubing.

Time	pH (SU)	sp.cond (µS/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb (NTU)	DTW (ft)
1235	4.92	167	4.14	17.25	123	1.50	8.18
1238	4.88	165	4.14	17.19	126	2.12	8.18
1241	4.87	162	4.15	17.28	128	1.16	8.18

1246 Collect Sample MW-33s clear no odor

PCS Moultrie 3/5/14

1255 Set-up @ MW-4s. DTW - 2.03

1304 Begin purging MW-4s @ ~~0.15~~ 0.08 gpm from 4' BTOC w/ PP & PE tubing.

Time	pH (SU)	sp.cond (µS/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb (NTU)	DTW (ft)
1413	5.76	11204	1.17	17.66	250	3.34	8.79
1416	5.80	11202	1.01	17.66	250	3.69	8.84
1419	5.81	11195	0.98	17.74	251	2.95	8.89

1423 Collect Sample MW-4s Yellow / no odor For Metals.

✳ 1311 Began purging MW-19s w/ second PP @ 0.10 gpm from 5.5' BTOC w/ PE tubing.

Time	pH (SU)	sp.cond (µS/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb (NTU)	DTW (ft)
1434	5.44	2187	0.26	15.12	216	1.17	6.63
1437	5.42	2162	0.24	15.08	214	0.98	6.63
1440	5.43	2154	0.22	15.06	213	0.84	6.63

1445 Collect Sample MW-19s Clear / no odor For Metals.

1448 Set-up @ MW-34s. DTW - 2.72

1453 Begin purging MW-34s @ 0.10 gpm from 4.5' BTOC w/ PP & PE tubing.

Time	pH (SU)	sp.cond (µS/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb (NTU)	DTW (ft)
1600	6.06	20247	0.23	15.57	241	1.31	4.06
1603	6.07	20245	0.20	15.61	241	0.78	4.06
1606	6.07	20272	0.21	15.50	240	1.27	4.06

1611 Collect Sample MW-34s Clear / no odor

PCS Moultrie 3/5/14

1504 Set-up @ MW-34I. DTW - 4.13

1512 Begin purging MW-34I @ 0.08 gpm from 40' BTOC w/ PP & PE tubing.

Time	pH (SU)	sp.cond (µS/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb (NTU)	DTW (ft)
1536	5.94	96	2.41	17.03	133	257	6.21
1541	5.94	95	2.40	16.99	131	282	6.21
1546	5.92	94	2.43	16.99	133	266	6.21

1552 Collect Sample MW-34I & MW-34I-Filtered cloudy / no odor For Metals.

1622 Set-up @ MW-TP4s. DTW - 14.27

1630 Begin purging MW-TP4s @ 0.13 gpm from 16' BTOC w/ PP & PE tubing.

Time	pH (SU)	sp.cond (µS/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb (NTU)	DTW (ft)
1710	4.55	123	3.93	20.21	166	2.42	14.49
1713	4.54	123	3.83	20.15	169	1.93	14.49
1716	4.51	124	3.82	20.16	171	2.02	14.49

1721 Collect Sample MW-TP4s Clear / no odor For Metals.

(27)

PCS Moultrie 3/5/14

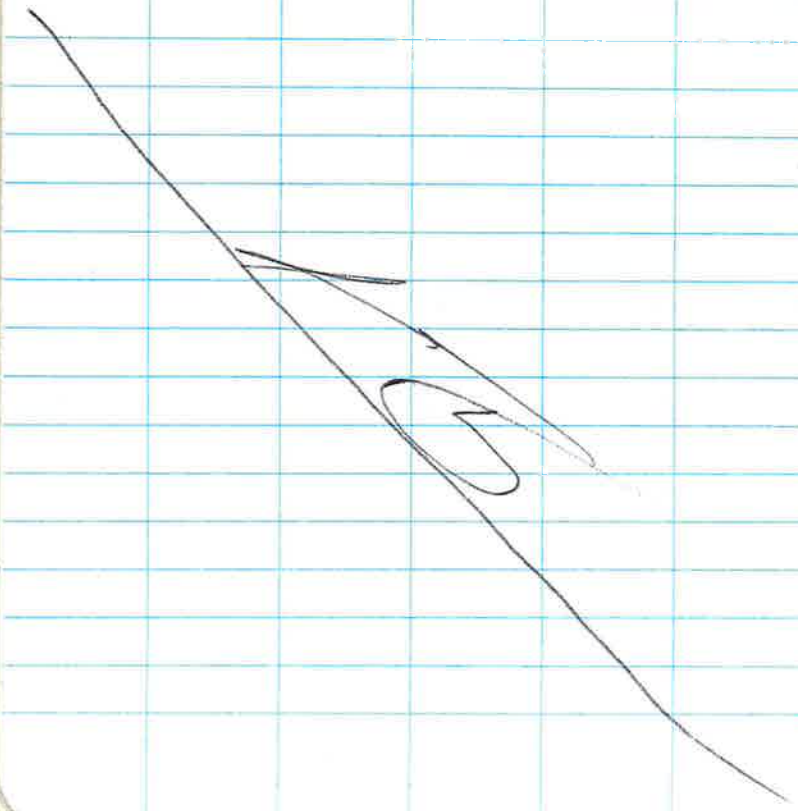
* 1640 Began purging MW-24s @ 0.15 gpm from 14.5' BTOC w/ second PP & PE tubing.

Time	pH (SU)	sp.cond (µS/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb (NTU)	DTW (ft)
1746	4.34	105	3.55	20.24	186	1.05	13.12
1749	4.32	106	3.44	20.27	188	1.10	13.12
1752	4.32	106	3.39	20.30	189	1.15	13.12

1757 Collect Sample MW-24s Clear / No odor

For metals.

1810 JF & TC offsite.



(28)

PCS Moultrie 3/7/14

0745 J. Fletcher, T. Campbell, & J. Fagan onsite.

Weather: Overcast, 39°F. Rained heavily day before.

Discuss H&S and sign JSA.

0813 Set-up @ MW-18s. DTW- ≈ 0.4

0827 Begin purging MW-18s @ 0.12 gpm from 2' BTOC w/ PP & PE tubing.

Time	pH (SU)	sp.cond (µS/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb (NTU)	DTW (ft)
0918	4.96	720	0.22	16.50	111	0.72	1.00
0921	4.97	719	0.23	16.52	111	0.89	1.00
0924	4.97	722	0.22	16.47	111	1.04	1.00

0929 Collect Sample MW-18s Clear / No odor

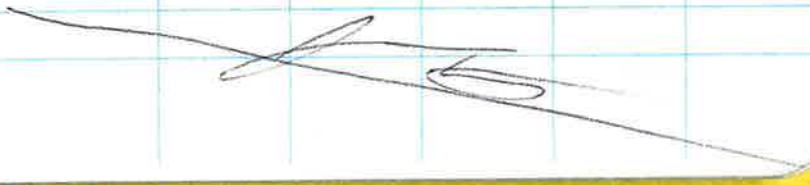
For metals.

* 0833 Began purging MW-43s @ 0.09 gpm from 4' BTOC w/ second PP & PE tubing.

Time	pH (SU)	sp.cond (µS/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb (NTU)	DTW (ft)
0954	5.81	1283	0.98	14.41	113	0.95	5.22
0957	5.83	1295	0.92	14.39	113	0.75	5.22
1000	5.83	1299	0.87	14.38	113	0.61	5.22

1005 Collect Sample MW-43s Clear / No odor

For metals



PCS Moultrie 3/7/14

1007 Set-up @ FFFW-3-R. DTW - 4.26

1011 Begin purging FFFW-3-R @ 0.12 gpm from 6' BTOC w/ PP & PE tubing.

Time	pH (SU)	sp.cond (µS/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb (NTU)	DTW (ft)
1108	5.34	2090	1.41	14.30	138	0.46	6.54
1111	5.35	2086	1.31	14.28	138	0.42	6.54
1114	5.35	2084	1.26	14.28	138	0.41	6.54

1119 Collect Sample FFFW-3-R ~~clear~~ no odor for metals.

1212 Set-up @ MW-44s. DTW - 6.80

1220 Begin purging MW-44s @ 0.04 gpm from 8.5' BTOC w/ PP & PE tubing.

~~Time pH (SU) sp.cond (µS/cm) DO (mg/L) Temp (°C) ORP (mV) Turb (NTU) DTW (ft)~~

1232 Begin purging MW-22s @ 0.11 gpm from 4' BTOC w/ PP & PE tubing.

Time	pH (SU)	sp.cond (µS/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb (NTU)	DTW (ft)
1336	6.54	625	1.19	15.16	39	1.10	5.48
1339	6.55	636	1.16	15.08	40	1.48	5.48
1342	6.54	637	1.14	15.20	41	1.83	5.48

1347 Collect Sample MW-22s ~~clear~~ no odor

For metals.

PCS Moultrie 3/7/14

1355 Set-up @ FFFW-1-R. DTW - 5.22

1402 Begin purging FFFW-1-R @ 0.10 gpm from 7' BTOC w/ PP & PE tubing.

Time	pH (SU)	sp.cond (µS/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb (NTU)	DTW (ft)
1449	6.61	272	5.11	13.91	63	6.45	6.26
1452	6.61	271	5.09	13.89	61	6.54	6.26
1455	6.62	273	5.08	13.82	59	6.47	6.26

1500 Collect Sample FFFW-1-R ~~clear~~ no odor

1502 Prep to collect MW-44s.

Time	pH (SU)	sp.cond (µS/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb (NTU)	DTW (ft)
1504	6.62	904	0.58	16.56	40	3.14	14.08
1507	6.62	903	0.55	16.61	30	3.10	14.13
1510	6.62	907	0.61	16.56	36	3.07	14.16

1515 Collect Sample MW-44s ~~clear~~ no odor

For metals.

1520 Set-up @ MW-TP5s. DTW - 10.15

~~1529~~ 1530 Set-up @ MW-TP5I. DTW - 15.40

1539 Begin purging MW-TP5I @ 0.10 gpm from 47' BTOC w/ PP & PE tubing.

Time	pH (SU)	sp.cond (µS/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb (NTU)	DTW (ft)
1620	5.78	52	0.41	18.20	40	60.7	18.42
1625	5.78	52	0.43	18.27	38	61.2	18.49
1630	5.75	51	0.40	18.19	40	64.1	18.53

1637 Collect Sample MW-TP5I & MW-TP5I-Filtered cloudy/no odor

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PCS Moultrie 3/7/14

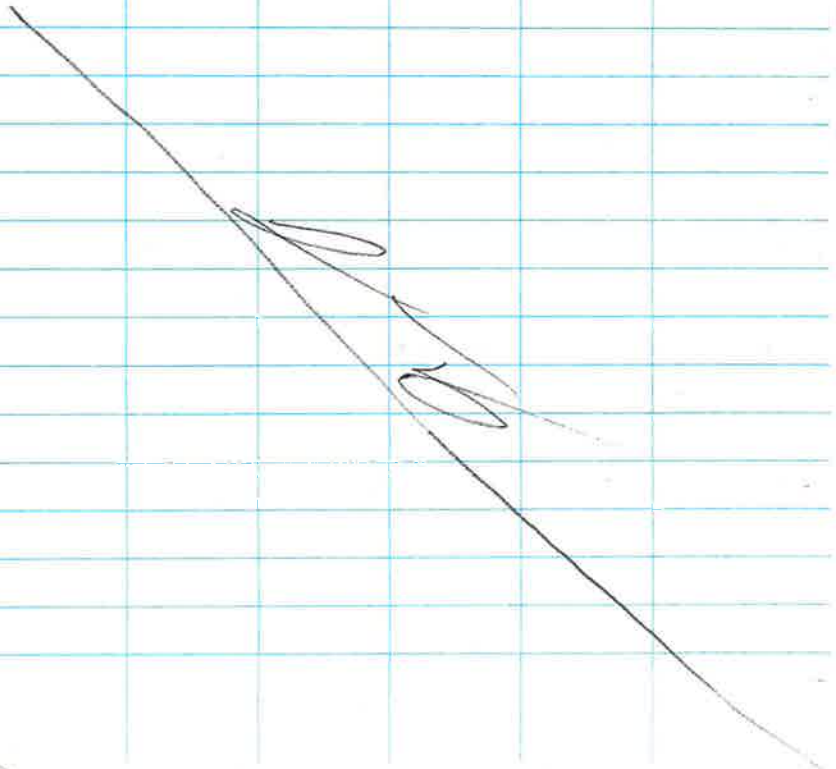
* 1529 Began purging MW-TP5s @ 0.09 gpm from ~~SP~~ 5' BTOC w/ second PP + PE tubing.

Time	pH (SU)	Sp.cond (uS/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb (NTU)	DTW (ft)
1649	3.01	18772	0.31	19.24	274	0.71	16.22
1652	3.02	18779	0.29	19.26	278	0.54	16.25
1655	3.02	18788	0.28	19.26	283	0.59	16.25

1700 Collect Sample MW-TP5s Clear / no odor
& Dup-4

For metals,

1710 JF + TC offsite.



(32)

PCS Moultrie 3/10/14

0758 J. Fletcher & T. Campbell onsite

Weather: Mostly clear, 48° F.

Discuss H2S concerns & sign JSA.

0805 Begin equipment calibration / verifications.

0920 Calibrations / verifications complete.

Equipment passed all calibrations / verifications.

0933 Prep for equipment blank collection.

Using DI water obtained from UAS-Talla. water filtering system.

0940 Collect Sample EQ-2

0950 Set-up @ MW-45s, DTW - 8.92

1000 Begin purging MW-45s @ 0.08 gpm from 11' BTOC w/ PP + PE tubing.

Time	pH (SU)	Sp.cond (uS/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb (NTU)	DTW (ft)
1132	7.41	8360	0.27	17.70	-138	2.22	12.12
1135	7.47	8326	0.22	17.75	-140	2.04	12.18
1138	7.30	8342	0.19	17.89	-147	1.50	12.23

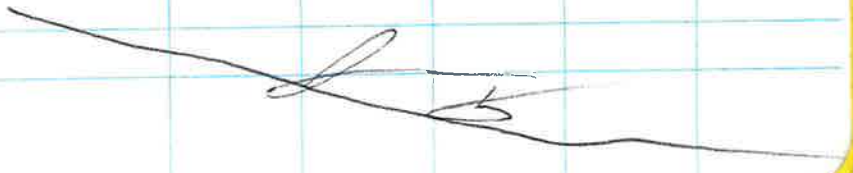
1142 Collect Sample MW-45s Clear / no odor

For metals.

1200 Offsite for lunch.

1242 JF & TC back onsite.

1245 Set-up @ FFFW-4-R, DTW - 8.59



PCS Moultrie 3/10/14

1251 Begin purging FFFW-4-R @ .06 gpm from 10.5' BTOC w/ PP & PE tubing.

Time	pH (SU)	sp.cond (uS/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb (NTU)	DTW (ft)
1402	5.94	380	0.47	19.49	58	143	12.20
1405	5.99	374	0.37	19.58	59	147	12.28
1408	6.00	378	0.34	19.61	58	142	12.34

1413 Collect Sample FFFW-4-R & FFFW-4R Filtered cloudy / no odor
For metals.

1421 Set-up @ FFFW-2-R. DTW - 16.93

1430 Set-up @ FFFW-2I. DTW - 17.33

1437 Begin purging FFFW-2I @ 0.08 gpm from 47' BTOC w/ PP & PE tubing.

Time	pH (SU)	sp.cond (uS/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb (NTU)	DTW (ft)
1504	5.31	334	0.72	23.24	58	2.01	17.50
1509	5.34	351	0.80	23.57	60	1.01	17.50
1514	5.34	358	0.78	23.50	62	0.78	17.50
1519	5.33	363	0.80	23.47	66	0.75	17.50

1524 Collect Sample FFFW-2I clear / no odor
For metals.

* 1428 Began purging FFFW-2-R @ 0.08 gpm from 19' BTOC w/ second PP & PE tubing.

PCS Moultrie 3/10/14

Time	pH (SU)	sp.cond (uS/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb (NTU)	DTW (ft)
1552	4.10	4216	0.22	22.55	164	1.32	17.00
1555	4.09	4235	0.21	22.91	165	1.58	17.00
1558	4.09	4259	0.22	22.97	167	1.09	17.00

1603 Collect Sample FFFW-2-R clear / no odor
For metals.

1650 Set-up @ MW-13I. DTW - ~~16.00~~ 12.92

1703 Begin purging MW-13I @ 0.08 gpm from 44' BTOC w/ PP & PE tubing.

Time	pH (SU)	sp.cond (uS/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb (NTU)	DTW (ft)
1725	6.40	370	0.28	23.98	155	1.43	16.31
1730	6.43	370	0.28	23.84	154	1.06	16.46
1735	6.43	371	0.28	23.83	155	1.04	16.66

1740 Collect Sample MW-13I clear / no odor
For metals.

1820 JF & JC offsite,

PCS Moultrie 3/11/14

0730 J. Fletcher & T. Campbell onsite.
Weather: Mostly clear, 50°F.
Discuss H_2S concerns & sign JSA.
0740 Begin verifying equipment.
0822 Equipment verification complete.
Equipment passed all verifications.
0832 Begin setup @ MWTP1S DTW - 11.48
0834 Begin setup @ MWTP1I DTW - 10.71
0855 Began purging MWTP1I @.08 gpm
from 45' BTOC w/ PP + PE Tubing

Time	pH (su)	SpCond (ms/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb. (NTUs)	DTW (ft)
0912	5.80	63	5.23	19.91	124.5	7.52	10.98
0917	5.85	62	5.22	19.86	127.1	5.51	10.98
0922	5.87	60	5.19	19.88	120.0	5.57	10.98

0927 Collected sample MW-TP1I clear, no odor for Metals.

* 0842 Began purging MWTP1S @0.05 gpm
from 13' BTOC w/ PP + PE tubing

Time	pH (su)	SpCond (ms/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb (NTUs)	DTW (ft)
0938	4.34	253	2.73	18.53	155.4	0.93	11.51
0941	4.35	250	2.77	18.53	154.7	0.57	11.51
0944	4.35	251	2.77	18.51	157.1	0.49	11.51

0949 Collected Sample MW-TP1S clear, no odor For Metals

PCS Moultrie 3/11/14

0958 - Began Setup @ MW-32I DTW - 8.99
1000 - Began Setup @ MW-32S-R DTW - 4.94
1008 Began Purging MW-32S-R @.10 gpm
from 7' BTOC w/ PP + PE tubing

Time	SpCond (ms/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb. (NTUs)	DTW (ft)	pH (su)
1050	4970	0.20	18.56	246.4	2.64	7.38	4.98
1053	4980	0.20	18.54	246.2	3.60	7.45	5.01
1056	4998	0.19	18.60	247.9	4.36	7.51	5.00

1102 Collected sample MW-32S-R for Metals.

* Began purging MW-32I @ 1005
from 11' BTOC w/ PP + PE tubing

Time	pH (su)	SpCond (mm/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb. (NTU)	DTW (ft)
1105	3.67	3155	0.19	22.86	237.5	0.94	9.59
1108	3.65	3148	0.20	22.81	238.7	0.81	9.59
1111	3.64	3130	0.19	22.85	240.0	0.73	9.59

1117 Sample taken for MW-32I for Metals + DUP 1

1130 JF & TC offsite for lunch & supplies.
1220 JF & TC back onsite.
1228 Set-up @ MW-12S. DTW - 9.58
1230 Set-up @ MW-12I DTW - 9.48

PCS Moultrie 3/11/14

~~1243~~ JF 1247 Begin purging MW-12I @ 0.08 gpm from 35' BTOC w/ PP & PE tubing.

Time	pH SU	sp.cond ms/cm	DO mg/L	Temp °C	ORP mV	Turb NTU	DTW ft
1302	4.03	408	0.66	21.68	206	1.31	9.56
1307	4.07	408	0.59	21.73	206	0.86	9.56
1312	4.06	406	0.52	21.72	208	0.73	9.56

1317 Collect Sample MW-12I clear no odor
For metals.

* 1243 Began purging MW-12s @ .17 gpm from 11.5' BTOC w/ PP & PE tubing.

Time	pH SU	sp.cond ms/cm	DO mg/L	Temp °C	ORP mV	Turb NTU	DTW ft
1327	3.17	8912	0.27	21.82	284.7	7.30	14.03
1330	3.16	8848	0.27	21.79	285.6	7.01	14.03
1333	3.18	8889	0.26	21.90	286.3	7.30	14.03

1339 collected sample from MW-12s and DUP-6

1357 Set-up @ MW-41s, DTW - 3.32

~~1403~~ JF 1411 Set-up @ MW-21s, DTW - 1.70

1403 Begin purging MW-41s @ 0.16 gpm from 5' BTOC w/ PP & PE tubing.

Time	pH SU	sp.cond ms/cm	DO mg/L	Temp °C	ORP mV	Turb NTU	DTW ft
1523	3.54	2238	0.18	23.14	267	2.51	3.78
1526	3.54	2243	0.18	23.15	267	1.43	3.78
1529	3.54	2234	0.17	23.15	267	0.43	3.78

1534 Collect Sample MW-41s clear no odor

PCS Moultrie 3/11/14

* 1414 Began purging MW-21s @ 0.08 gpm from 3.5' BTOC w/ second PP & PE tubing.

Time	pH SU	sp.cond ms/cm	DO mg/L	Temp °C	ORP mV	Turb NTU	DTW ft
1607	6.67	3414	0.79	19.34	224	1.77	6.99
1610	6.68	3416	0.68	19.40	222	8.11	6.99
1613	6.72	3427	0.64	19.44	220	6.55	6.99

1618 Collect Sample MW-21s clear no odor
For metals.

1631 Set-up @ MW-40s, DTW - 8.00

1640 Set-up @ MW-49s, DTW - 3.01

1635 Began purging MW-40s @ 0.11 gpm from 10' BTOC w/ PP & PE tubing.

Time	pH SU	sp.cond ms/cm	DO mg/L	Temp °C	ORP mV	Turb NTU	DTW ft
1840	5.27	59	1.80	24.11	142	10.2	20.10
1843	5.26	58	1.83	24.07	144	9.13	20.10
1846	5.25	58	1.70	24.04	145	9.12	20.10

1851 Collect Sample MW-40s clear no odor
For metals.

* 1647 Began purging MW-49s @ ~~0.09~~ 0.08 gpm from 7' BTOC w/ PP & PE tubing.

Time	pH SU	sp.cond ms/cm	DO mg/L	Temp °C	ORP mV	Turb NTU	DTW ft
1947	5.34	47	2.17	24.21	149	201	26.46
1950	5.33	47	2.07	24.21	149	200	26.47
1953	5.29	46	2.21	24.19	151	201	26.49

1958 Collect Sample MW-49s & MW-49s-Filtered
2010 JF & TC offsite.

(40)

PCS Moultrie 3/12/14

0745 J. Fletcher & T. Campbell onsite.
Weather: Cloudy, light rain, 62°F.
Discuss H&S and sign JSA.
0800 Begin verifying sampling equipment.
0830 Equipment verification complete.
All verifications passed.
0852 Begin working on raising the TOC on MW-3s & MW-3I.
1030 Offsite for supplies.
1125 Back onsite. Begin cutting out for pad around MW-28s.
1300 TC offsite for lunch.
1320. TC onsite.
1322 Began setup on MW-30s
1340 Began purging MW-30s @ 0.24 gpm from 13' BTOC w/PP & PE tubing.

Time	pH (su)	Sp. Cond (mS/cm)	DO (mg/L)	Temp (°C)	ORP (mV)	Turb (NTU)	DTW (feet)
1438	7.72	475	1.41	21.63	179.1	0.73	11.12
1441	7.70	475	1.40	21.66	178.1	0.71	11.12
1444	7.65	474	1.38	21.67	177.2	0.92	11.12

1450 collected sample from MW-30s for Metals.
1835 JF & TC offsite.

(41)

PCS Moultrie 3/13/14

0812 J. Fletcher & T. Campbell onsite to finish well repairs.
Weather: Clear, 40°F.
Discuss H&S concerns & sign JSA.
0820 Continue working on well repairs.
* Nine drums of purgewater onsite for pick-up.
1219 Well repairs & re-building is complete. Begin surveying new TOC elevations.

Known elev. - MW-6s-R = 300.34
+ 2.08
HI = 302.42
- 1.53
MW-3s = 300.89*

HI = 302.42
- 1.55
New elev. → MW-3I = 300.87 * New elev.

+ 1.37
New HI = 302.24
~~MW-3S~~ - 1.35
New elev. → MW-3s = 300.89 new elev.

new HI = 302.24
- 1.90
MW-6s-R = 300.34

(42)

PCS Moultrie 3/13/14

Known elev. - MW-35s = 300.51

+ 6.26

HI = 306.77

- 5.32

New elev. → MW-28s = 301.45

+ 5.10

New HI = 306.55

- 6.04

MW-35s = 300.51

1319 TOC surveying is complete

Begin policing site.

* Repaired wells' DTW's.

Well ID	DTW
MW-3s	15.62
MW-3I	12.49
MW-28s	9.84

1335 Site secure. Gate key is returned.

JF & TC offsite.

1540

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW1SR	SAMPLE ID: MW1SR	DATE: 3-10-14

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): 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)

= (14.68 feet – 4.42 feet) X 0.16 gallons/foot = 1.64 x 3 = 4.9 gallons

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

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 6	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6	PURGING INITIATED AT: 1553	PURGING ENDED AT: 1741	TOTAL VOLUME PURGED (gallons): 6.26

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1553	—	—	0.08	—	—	—	—	—	—	—	—	—
1710	5	5	0.06									
1722	0.18	5.18	0.06	5.70	6.82	16.49	205	6.48	28	10	CLEAR	
1726	0.18	5.36	0.06	5.70	7.02	16.42	209	6.44	28.1	3.2	"	
1729	0.18	5.54	0.06	5.70	7.08	16.34	211	6.58	29	1.0	"	
1732	0.18	5.72	0.06	5.70	7.13	16.44	213	6.40	26	-0.7	"	
1735	0.18	5.9	0.06	5.70	7.14	16.53	218	6.17	26.8	-1.7	"	
1738	0.18	6.08	0.06	5.70	7.15	16.67	223	6.21	26.5	-2.7	"	
1741	0.18	6.26	0.06	5.70	7.15	16.53	224	6.25	25.1	-3.4	"	

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: RUFUS DICKEY / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1743	SAMPLING ENDED AT: 1750
PUMP OR TUBING DEPTH IN WELL (feet): 6	TUBING MATERIAL CODE: PE	FIELD-FILTERED: (Y) N	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	Filtration Equipment Type:	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)
MW1SR	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	0.06 GPM
MW1SR-F	"	"	"	"	FILTERED		"	"	0.06 GPM

REMARKS:

Total Depth (ft btoc): 14.80

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE 'E: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW1IR	SAMPLE ID: MW1IR	DATE: 3-10-14

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): 6.87	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 = 0.4 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32 (FT BLS)	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32 (FT BLS)	PURGING INITIATED AT: 1630	PURGING ENDED AT: 1715	TOTAL VOLUME PURGED (gallons): 4.5

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1635	0.5	0.5	0.10	7.32	5.25	19.79	140	2.25	7.68	20.5	CLEAR	
1640	0.5	1.0	0.10	7.32	4.88	19.81	140	0.65	5.77	16.9	"	
1645	0.5	1.5	0.10	7.32	4.78	19.76	140	0.36	7.56	6.6	"	
1650	0.5	2	0.10	7.32	4.75	19.96	140	0.36	6.47	-0.7	"	
1655	0.5	2.5	0.10	7.32	4.73	19.98	140	0.66	5.15	-5.5	"	
1700	0.5	3	0.10	7.32	4.73	19.97	139	0.53	4.49	-8.1	"	
1705	0.5	3.5	0.10	7.32	4.72	19.97	139	0.34	3.36	-12.6	"	
1710	0.5	4	0.10	7.32	4.73	20.04	139	0.33	2.70	-17.3	"	
1715	0.5	4.5	0.10	7.32	4.73	19.96	140	0.32	2.68	-11.4	"	

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: RUFUS DICKEY / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1716	SAMPLING ENDED AT: 1717
PUMP OR TUBING DEPTH IN WELL (feet): 32 (FT BLS)	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
MW1IR	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	0.10 gpm

REMARKS:

Total Depth (ft btoc): 37.3

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-2S	SAMPLE ID: MW-2S	DATE: 3/4/14

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): 2.79	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) x3 = 5.38

= (14 feet – 2.79 feet) X .16 gallons/foot = 1.79 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):	PURGING INITIATED AT: 1527	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1622	5.50	5.50	0.10	3.24	3.92	13.59	622	5.61	0.49	66.9	Clear	NO
1625	.30	5.80	0.10	3.24	3.92	13.65	62.1	5.58	0.42	67.0	"	"
1628	.30	6.10	0.10	3.24	3.91	13.68	620	5.58	0.36	67.5	"	"

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: 1628	SAMPLING ENDED AT: 1632
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	< 200

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-2I	SAMPLE ID: MW-2I	DATE: 3/4/14

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): 4.96	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)

= gallons + (0.0026 gallons/foot X 45 feet) + .25 gallons = .367 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32.5	PURGING INITIATED AT: 1540	PURGING ENDED AT: 1605	TOTAL VOLUME PURGED (gallons): 1.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1555	0.90	0.90	0.06	4.99	4.65	~~15.83~~ 15.8	126	0.81	1.90	23.6	Clear	No
1600	0.30	1.20	0.06	4.99	4.64	15.93	126	0.76	2.12	12.8	"	"
1605	0.30	1.50	0.06	4.99	4.64	16.01	120	0.77	2.40	10.3	"	"

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: Kevin Haug / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1605	SAMPLING ENDED AT: 1608
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	<200

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW35	SAMPLE ID: MW35	DATE: 3-5-14

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): 10.90	PURGE PUMP TYPE OR BAILER: PP

STATIC DEPTH TO WATER (feet): 5.03 (3-4-14)

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (14 feet – 5.03 feet) X 0.16 gallons/foot = 1.44 x 3 = 4.3 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): 8	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14	PURGING INITIATED AT: 0930 (3-4-14)	PURGING ENDED AT: 1200	TOTAL VOLUME PURGED (gallons): 4.5

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
0930 (3-4-14)			0.06									
1200	4.5	4.5	0.03	13.50	2.91	13.74	4358	0.51	3.34	197.7		
		↓		11.00								
1125 (3-5-14)		4.5	0.05	~~10.90~~	3.11	14.30	1661	1.39	1.28	165.3	CLEAR	

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: RUFUS DICKEY	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1125	SAMPLING ENDED AT: 1135
PUMP OR TUBING DEPTH IN WELL (feet): 12	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: (Y) N DUP3	

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)
MW35	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	~~0~~ 100
DUP3	1	PE	250 mL	11	—	—	11	11	100

REMARKS:

Total Depth (ft btoc): 13.40

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

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

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): 7.32	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 – ~~0.0026~~ 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)
= gallons + (0.0026 gallons/foot X 50 feet) + .75 gallons = 0.38 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 37.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 37.5	PURGING INITIATED AT: 1015	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1020	.50	.50	.10	7.35	4.20	13.61	179	0.84	6.18	73.2	Clear	NO
1025	.50	1.0	0.10	7.35	4.26	15.67	164	0.47	5.88	60.4	Clear	NO
1030	.50	1.5	0.10	7.35	4.26	17.29	154	0.29	3.53	35.0	Clear	NO
1035	.50	2.0	0.10	7.35	4.26	17.41	154	0.26	3.39	26.2	Clear	NO
1040	.50	2.5	0.10	7.35	4.26	17.37	153	0.25	3.14	23.6	Clear	NO

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: Karen Knight / GHS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1015	SAMPLING ENDED AT: 1048
PUMP OR TUBING DEPTH IN WELL (feet): 37.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	<100 mL

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-4s	SAMPLE ID: MW-4s	DATE: 3/05/14

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): 2.03	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 feet – 2.03 feet) X 0.16 gallons/foot = 1.59 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 4	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9	PURGING INITIATED AT: 1304	PURGING ENDED AT: 1419	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)	ORP (mV)	COLOR	ODOR
1413	5.52	5.52	0.08	8.79	5.76	17.66	11204	1.17	3.34	250	yellow	none
1416	0.24	5.76		8.84	5.80	17.66	11202	1.01	3.69	250		
1419	0.24	6.00		8.89	5.81	17.74	11195	0.98	2.95	251		

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: J. Fletcher / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1420	SAMPLING ENDED AT: 1423
PUMP OR TUBING DEPTH IN WELL (feet): 9	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW5SR	SAMPLE ID: MW5SR	DATE: 3-10-14

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): 4.57	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)
= (16.74 feet – 4.57 feet) X 0.16 gallons/foot = 1.95 x 3 = 5.84 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): 6	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6.5	PURGING INITIATED AT: 0923	PURGING ENDED AT: 1106 ~~1054~~	TOTAL VOLUME PURGED (gallons): 6.48

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
0925	<0.5		0.12									
0951	2	2	0.07	6.08	7.34	14.53	401	3.78	3.13	3.2	CLEAR	
1022	2	4	0.06	6.27	7.20	15.01	448	2.83	2.81	-26.5	"	
1054	2	6	0.06	6.12	7.05	15.41	540	2.27	3.73	-22	"	
1057	0.12	6.12	0.06	6.12	7.04	15.48	552	2.28	3.66	-21.2	"	
1100	0.12	6.24	0.06	6.12	7.03	15.44	557	2.30	3.64	-21.9	"	
1103	0.12	6.36	0.06	6.12	7.02	15.43	567	~~4.55~~ 2.27	4.59	-22.7	"	
1106	0.12	6.48	0.06	6.12	7.01	15.51	570	2.19	3.70	-21.5	"	

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: RUFUS DICKEY / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1108	SAMPLING ENDED AT: 1110
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
MW5SR	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	0.06 GPM

REMARKS:

Total Depth (ft btoc): 16.70

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-6S-R	SAMPLE ID: MW-6S-R	DATE: 3/4/14

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): 5.65	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)
= (14 feet – 5.65 feet) X .16 gallons/foot = 1.34 gallons x3 = 4.02

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7.5	PURGING INITIATED AT: 1310	PURGING ENDED AT: 1454	TOTAL VOLUME PURGED (gallons): 6.24

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1448	5.88	5.88	0.06	6.28	3.24	11.80	2659	0.30	1.25	245.0	Clear	NO
1451	0.18	6.06	0.06	6.28	3.27	11.63	2618	0.30	0.87	238.6	"	"
1454	0.18	6.24	0.06	6.28	3.29	11.70	2581	0.30	0.80	236.1	"	"

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: Kevin Kang 2/KMS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1454	SAMPLING ENDED AT: 1600
PUMP OR TUBING DEPTH IN WELL (feet): 37.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	< 200 ml

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW6I	SAMPLE ID: MW6I	DATE: 3-11-14

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): 5.04	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (33.75 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: 0935	PURGING ENDED AT: 1023	TOTAL VOLUME PURGED (gallons): 4.5

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
0943	0.5	0.5	0.10	5.20	5.22	19.69	170	0.40	5.58	101.3	CLEAR	
0948	0.5	1.0	0.10	5.20	5.08	19.94	177	0.26	5.05	82	"	
0953	0.5	1.5	0.10	5.20	4.98	20.07	184	0.23	4.69	67.4	"	
0958	0.5	2	0.10	5.20	4.93	20.04	188	0.30	3.59	56.1	"	
1003	0.5	2.5	0.10	5.20	4.89	20.18	190	0.65	3.34	46.3	"	
1008	0.5	3	0.10	5.20	4.88	20.29	189	0.53	3.31	41.4	"	
1013	0.5	3.5	0.10	5.20	4.85	20.29	191	0.37	2.16	36.4	"	
1018	0.5	4	0.10	5.20	4.82	20.30	195	0.31	2.55	31.3	"	
1023	0.5	4.5	0.10	5.20	4.81	20.37	195	0.27	2.38	28.2		

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: RUFUS RICKEY/URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1025	SAMPLING ENDED AT: 1026
PUMP OR TUBING DEPTH IN WELL (feet): 30	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
MW6I	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	0.10 GPM

REMARKS:

Total Depth (ft btoc): 33.65

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

1357 SETUP

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW7SR	SAMPLE ID: MW7SR	DATE: 3-5-14

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): BTOC 6.62	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (17.05 TD ~~17.05~~ feet – 6.62 feet) X 0.16 gallons/foot = 1.67 x 3 = 5 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9	PURGING INITIATED AT: 1410	PURGING ENDED AT: 1538	TOTAL VOLUME PURGED (gallons): 6

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1440	2	2	0.08	8.58	2.48	14.02	2106	0.53	20.6	349.4	CLEAR	
1449	~~1~~ 1	3	0.08	8.71	2.39	14.03	2278	0.73	61.2	354.1	CLOUDY	
1501	1	4	0.08	8.76	2.35	14.27	2408	0.86	136	355.2	"	
1511	1	5	0.04	8.11	2.32	13.95	2496	0.56	111	355	"	
1514	0.15	5.15	0.05	7.94	2.33	13.93	2489	0.51	87.7	357.1	"	
1517	0.12	5.27	0.04	7.97	2.37	13.93	2480	0.46	64.1	356.8	"	
1520	0.15	5.42	0.05	7.99	2.39	13.84	2469	0.40	50.5	356	"	
1525	0.12	5.54	0.04	7.93	2.41	13.77	2465	0.34	42.6	355.1		
1528	0.12	5.66	0.04	7.93	2.43	13.73	2457	0.26	39.4	355		
1531	0.12	5.78	0.04	7.93	2.46	13.85	2447	0.25	35.5	353		
1534	0.12	5.90	0.04	7.93	2.46	13.88	2434	0.24	31.2	353		

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: RUFUS DICKEY	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1538	SAMPLING ENDED AT: 1547
PUMP OR TUBING DEPTH IN WELL (feet): 9	TUBING MATERIAL CODE: PE	FIELD-FILTERED: (Y) N Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
MW7SR	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	0.04
MW7SR-F									0.04

REMARKS: FINE ROOTS IN TUBING INTAKE AND ON WL TAPE (AFTER TAGGING BOTTOM OF WELL)

Total Depth (ft btoc): 17.15

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:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

1315

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW7I	SAMPLE ID: MW7I	DATE: 3-11-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 39.5 feet to 49.5 feet	STATIC DEPTH TO WATER (feet): 8.53	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 = 0.4 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 44.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 44.5	PURGING INITIATED AT: 1323	PURGING ENDED AT: 1345	TOTAL VOLUME PURGED (gallons): 1.90

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1332	0.5	0.5	0.10	9.95	4.18	20.00	968	0.22	26.9	160.5	CLOUDY	
1335	0.5	1	0.09	10.04	4.17	20.05	970	0.19	17.3	160.2	CLEAR	
1340	0.45	1.45	0.09	10.04	4.15	20.06	973	0.18	17.6	161.1	"	
1345	0.45	1.90	0.09	10.04	4.14	20.14	972	0.16	15.4	159.1	"	

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: RUFUS DICKEY / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1350	SAMPLING ENDED AT: 1400
PUMP OR TUBING DEPTH IN WELL (feet): 44.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: (Y) N Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
MW7I	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	0.09
MW7I-F	"	"	"	"	FILTERED		"		0.09 GPM

REMARKS:

Total Depth (ft btoc): 49.92

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-8I	SAMPLE ID: MW-8I	DATE: 3/4/14

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): 11.35	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)
= (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)
= gallons + (0.0026 gallons/foot X 45 feet) + .25 gallons = 0.367 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 37.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 37.5	PURGING INITIATED AT: 1325	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1335	0.60	0.60	0.06	11.39	3.50	14.30	280	2.00	1.49	81.3	Clear	NO
1340	0.30	0.90	0.06	11.39	3.52	14.48	259	1.57	1.36	77.3	Clear	NO
1345	0.30	~~1.20~~ 1.20	0.06	11.39	3.59	14.84	243	0.79	1.88	63.6	"	"
1350	0.30	1.50	0.06	11.39	3.69	14.75	232	0.46	1.97	58.4	"	"
1355	0.30	1.80	0.06	11.39	3.70	14.78	230	0.43	1.52	53.4	"	"
1400	0.30	2.10	0.06	11.39	3.70	14.86	231	0.44	1.49	41.2	"	"

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: Kevin Hough	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1400	SAMPLING ENDED AT: 1403
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	<100

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW9SR	SAMPLE ID: MW9SR	DATE: 3-5-14

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): 5.53	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 – 5.53 feet) X 0.16 gallons/foot = 1.95 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

3 WELL VOL = 6 GAL

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1223	PURGING ENDED AT: 1337	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 (mV)	COLOR	ODOR
1230	0.5	0.5	0.1	6.35	4.35	15.70	1087	0.4	1.18	-13.1	CLEAR	
1248	1.5	2	0.1	6.47	4.4	16.20	1085	0.42	0.44	-52.6	"	
1309	2	4	0.1	6.59	4.26	16.43	1078	0.93	0.45	-67.8	"	
1326	2	6	0.1	6.62	4.22	16.45	1074	0.57	0.35	-31.8	"	
1329	0.3	6.3	0.1	6.62	4.22	16.53	1074	0.21	0.29	-30.6	"	
1332	0.3	6.6	0.1	6.62	4.24	16.48	1073	0.15	0.52	-34.8	"	
1335	0.3	6.9	0.1	6.63	4.25	16.48	1074	0.14	0.41	-35.2	"	
1337	0.3	7.2	0.1	6.63	4.25	16.41	1074	0.14	0.37	-35.6	"	

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: RUFUS DICKEY	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1338	SAMPLING ENDED AT: 1339
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW9SR	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	~300 0.1

REMARKS:

Total Depth (ft btoc): 17.39

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

1120

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: 10SR	SAMPLE ID: MW10SR	DATE: 3-10-14

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): 5.57	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)

= (16.84 feet – 5.57 feet) X 0.16 gallons/foot = 1.80 x 3 = 5.40 gallons

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

= ~~0 gallons + (0.0026 gallons/foot X 45 feet) + 0.25~~ gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 6.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8	PURGING INITIATED AT: 1141	PURGING ENDED AT: 1412	TOTAL VOLUME PURGED (gallons): 7.43

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1220	1.5	1.5	0.05	6.97	5.77	17.26	175	1.71	7.38	11.9	CLEAR	
1305	1.5	3	0.04	7.32	5.90	18.50	190	0.32	3.77	-4.4	"	
1339	1.5	4.5	0.04	7.43	6.02	18.52	209	0.27	4.05	-15.6	"	
1403	1	5.5	0.04	7.43	6.08	18.87	221	0.28	4.35	-14.5	"	
1406	0.12	5.62	0.04	7.43	6.09	18.81	222	0.25	4.44	-14.9	"	
1409	0.12	5.74	0.04	7.43	6.10	18.69	223	0.26	5.18	-15.5	"	
1412	0.12	5.86	0.04	7.43	6.10	18.83	223	0.25	4.01	-14.7	"	

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: RUFUS DICKEY / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1413	SAMPLING ENDED AT: 1414
PUMP OR TUBING DEPTH IN WELL (feet): 8	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
MW10SR	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	0.04 GPM

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW10I	SAMPLE ID: MW10I	DATE: 3-10-14

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): 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)

0 = (0.0026 feet – 45 feet) X 0.25 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 = 0 gallons + (0.0026 gallons/foot X 45 feet) + 0.25 gallons = 0.4 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 37.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 37.5	PURGING INITIATED AT: 1430	PURGING ENDED AT: 1500	TOTAL VOLUME PURGED (gallons): 2.05

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1440	0.5	0.5	0.10	7.02	5.93	19.80	83	0.18	4.87	14.4	CLEAR	
1445	0.5	1.0	0.07	7.09	5.88	19.78	82	0.15	4.15	7.4	"	
1450	0.35	1.35	0.07	7.10	5.82	19.95	81	0.15	4.51	0.6	"	
1455	0.35	1.70	0.07	7.10	5.81	20.05	81	0.18	4.27	-3.1	"	
1500	0.35	2.05	0.07	7.12	5.80	20.04	81	0.19	4.12	-5.3	"	

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: RUFUS DICKEY / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1501	SAMPLING ENDED AT: 1502
PUMP OR TUBING DEPTH IN WELL (feet): 37.5 (BLS)	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
MW10I	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	0.07 GPM

REMARKS:

Total Depth (ft btoc): 42.20

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

1315

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW11S	SAMPLE ID: MW11S	DATE: 3-7-14

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): 3.19	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)
= (14.70 feet – 3.19 feet) X 0.16 gallons/foot = 1.84 x 3 = 5.5 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (~~14.70 gallons/foot X~~ 3.19 feet) + 0.16 gallons = 1.84 x 3 = 5.5 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 4	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 4	PURGING INITIATED AT: 1325	PURGING ENDED AT: 1426	TOTAL VOLUME PURGED (gallons): 6.90

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1341	2	2	0.10	3.32	7.09	10.28	770	3.09	6.47	-45.5	CLEAR	
1358	2	4	0.10	3.32	7.12	10.06	764	~~2.83~~ 3.03	5.02	-53.3	"	
1417	2	6	0.10	3.33	7.15	10.04	762	2.75	5.27	-69	"	
1420	0.30	6.30	0.10	3.33	7.15	10.06	760	2.69	5.21	-69.9	"	
1423	0.30	6.60	0.10	3.33	7.16	10.04	762	2.74	4.20	-70.9	"	
1426	0.30	6.90	0.10	3.33	7.16	10.06	761	2.71	4.08	-71.8	"	

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: RUFUS DICKEY / JEREMY FAGAN / CRS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1427	SAMPLING ENDED AT: 1428
PUMP OR TUBING DEPTH IN WELL (feet): 4	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
MW11S	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	0.10 GPM

REMARKS:

Total Depth (ft btoc): 13.25

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-12s	SAMPLE ID: MW-12s	DATE: 3/11/14

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): 9.58	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (25 feet – 9.58 feet) X 0.16 gallons/foot = 2.46 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): 11.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11.5	PURGING INITIATED AT: 1243	PURGING ENDED AT: 1327	TOTAL VOLUME PURGED (gallons): 8.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1327	7.48	7.48	.17	14.03	3.17	21.82	8912	0.27	7.30	284.7	clear	none
1330	.51	7.99	.17	14.03	3.16	21.79	8898	0.27	7.01	285.6	"	"
1333	.51	8.50	.17	14.03	3.18	21.90	8889	0.26	7.30	286.3	"	"

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: J. Fletcher / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1334	SAMPLING ENDED AT: 1339
PUMP OR TUBING DEPTH IN WELL (feet): 11.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-12I	SAMPLE ID: MW-12I	DATE: 3/11/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 33.5 feet to 38.0 feet	STATIC DEPTH TO WATER (feet): 9.48	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)
= (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)
= gallons + (0.0026 gallons/foot X 40 feet) + 0.15 gallons = 0.25 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 35	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 35	PURGING INITIATED AT: 1247	PURGING ENDED AT: 1312	TOTAL VOLUME PURGED (gallons): 2.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1302	1.2	1.2	0.08	9.56	4.03	21.68	408	0.66	1.31	206	Clear	None
1307	0.4	1.6			4.07	21.73	408	0.59	0.86	206		
1312	0.4	2.0			4.06	21.72	406	0.52	0.73	208		

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: J. Fletcher / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1313	SAMPLING ENDED AT: 1317
PUMP OR TUBING DEPTH IN WELL (feet): 35	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

1000 4/3/14

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW13SR	SAMPLE ID: MW13SR	DATE: 3-7-14

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): 3.69	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)
= (17.06 feet – 3.69 feet) X 0.16 gallons/foot = 2.14 x 3 = 6.4 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5.5	PURGING INITIATED AT: 1010	PURGING ENDED AT: 1113	TOTAL VOLUME PURGED (gallons): 7.57

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1026	2	2	0.12	~~3.69~~	6.07	14.61	634	0.68	3.75	-55.9	CLEAR	
1041	2	4	0.12	4.59	6.17	14.98	616	0.41	3.10	-68.8	CLEAR	
1101	2	6	0.12	4.65	6.28	14.92	606	0.29	2.85	-54.5	CLEAR	
1104	0.5	6.5	0.12	4.65	6.29	15.01	606	0.27	2.55	-54.1	"	
1107	0.36	6.85	0.12	4.65	6.30	15.10	606	0.26	2.69	-58	"	
1110	0.36	7.21	0.12	4.65	6.31	15.11	606	0.25	2.82	-59.9	"	
1113	0.36	7.57	0.12	4.65	6.32	15.07	607	0.24	2.50	-63.8	"	

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: RUFUS DICHEY / JEREMY EAGAN	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1114	SAMPLING ENDED AT: 1115

PUMP OR TUBING DEPTH IN WELL (feet): 5.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW13SR	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	0.12 GPM
DUP 5	1	PE	250 mL	"			"	"	" "

REMARKS:

Total Depth (ft btoc): 17.10

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-13I	SAMPLE ID: MW-13I	DATE: 3/10/14

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): 12.92	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (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)
= gallons + (0.0026 gallons/foot X 55 feet) + 0.15 gallons = 0.29 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 49	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 49	PURGING INITIATED AT: 1703	PURGING ENDED AT: 1735	TOTAL VOLUME PURGED (gallons): 2.56

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 (mV)	COLOR	ODOR
1725	1.76	1.76	0.08	16.31	6.40	23.98	370	0.28	1.43	155	Clear	None
1730	[illegible]	2.16	|	16.46	6.43	23.84	370	|	1.06	154	|	|
1735	[illegible]	2.56	|	16.66	6.43	23.83	371	|	1.04	155	|	|

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: J. Fletcher / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1236	SAMPLING ENDED AT: 1740
PUMP OR TUBING DEPTH IN WELL (feet): 49	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

1110

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW15S	SAMPLE ID: MW15S	DATE: 3-11-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 8.43	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (20 feet – 8.43 feet) X 0.16 gallons/foot = 1.85 x 3 = 5.6 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10	PURGING INITIATED AT: 1139	PURGING ENDED AT: 1259	TOTAL VOLUME PURGED (gallons): 6.22

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1230	4	4	0.08	8.99	3.62	18.79	1719	0.14	2.52	380.1	CLEAR	
1253	1.5	5.5	0.08	8.99	3.67	18.91	1588	0.12	2.62	369.8	"	
1253	0.24	5.74	0.08	8.99	3.68	18.87	1581	0.13	1.97	364.8	"	
1256	0.24	5.98	0.08	8.99	3.68	18.83	1577	0.12	1.61	366.4	"	
1259	0.24	6.22	0.08	8.99	3.68	18.82	1570	0.12	2.03	362.5	"	

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:
RUFUS DICKEY / URS	[signature]	1301	1302

PUMP OR TUBING DEPTH IN WELL (feet): 10	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
MW15S	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	0.08 GPM

REMARKS:

Total Depth (ft btoc): 19.90

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-18S	SAMPLE ID: MW-18S	DATE: 3/7/14

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): ≈ 0.4	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 feet – 0.4 feet) X 0.16 gallons/foot = 2.01 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): 2	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 2	PURGING INITIATED AT: 0827	PURGING ENDED AT: 0924	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
0918			0.12	1.00	4.96	16.50	720	0.22	0.72	111	Clear	None
0921			|	|	4.97	16.52	719	0.23	0.89	|	|	|
0924			|	|	4.97	16.47	722	0.22	1.04	|	|	|

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: J. Fletcher / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0925	SAMPLING ENDED AT: 0929
PUMP OR TUBING DEPTH IN WELL (feet): 2	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

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GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-19s	SAMPLE ID: MW-19s	DATE: 3/5/14

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): 3.76	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)
= (16.04 feet – 3.76 feet) X 0.16 gallons/foot = 1.96 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): 5.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7	PURGING INITIATED AT: 1311	PURGING ENDED AT: 1440	TOTAL VOLUME PURGED (gallons): 8.9

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1434	8.3	8.3	0.10	6.63	5.44	15.12	2187	0.26	1.17	216	Clear	None
1437	0.3	8.6	"	"	5.42	15.08	2162	0.24	0.98	214	"	"
1440	0.3	8.9	"	"	5.43	15.06	2154	0.22	0.84	213	"	"

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: J. Fletcher / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1441	SAMPLING ENDED AT: 1445
PUMP OR TUBING DEPTH IN WELL (feet): 7	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

59

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-20s	SAMPLE ID: MW-20s	DATE: 3/5/14

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): 1,02	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 feet – 1,02 feet) X 0,16 gallons/foot = 2,23 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 3	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 3,5	PURGING INITIATED AT: 0908	PURGING ENDED AT: 1006	TOTAL VOLUME PURGED (gallons): 7,54

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1000	6,76	6,76	0,13	2,95	6,29	13,57	331	0,33	4,58	-37	Clear	None
1003	0,39	7,15	"	2,98	6,28	13,57	330	0,29	3,20	-36	"	"
1006	0,39	7,54	"	2,99	6,28	13,46	330	0,27	3,98	-37	"	"

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: J. Fletcher / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1007	SAMPLING ENDED AT: 1011
PUMP OR TUBING DEPTH IN WELL (feet): 3,5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE	SITE LOCATION
PCS Moultrie (Former Farmers Favorite Fertilizer)	315 4th Avenue N.E., Moultrie, Colquitt County, Georgia

WELL NO:	SAMPLE ID:	DATE:
MW-21s	MW-21s	3/11/14

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	5 feet to 20 feet	1.70	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (20 feet – 1.70 feet) X 0.16 gallons/foot = 2.92 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):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
3.5	7.5	1414	1613	9.52

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1607	9.04	9.04	0.08	6.99	6.67	19.34	3414	0.79	1.77	224	Clear	None
1610	0.24	9.28	|	|	6.68	19.40	3416	0.68	8.11	222	|	|
1613	0.24	9.52	|	|	6.72	19.44	3427	0.64	6.55	220	|	|

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:
J. Fletcher / URS		1614	1618

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

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)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc): 8.76

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-22S	SAMPLE ID: MW-22S	DATE: 3/7/14

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): 2.46	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (16.5 feet – 2.46 feet) X 0.16 gallons/foot = 2.24 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): 4	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6	PURGING INITIATED AT: 1232	PURGING ENDED AT: 1342	TOTAL VOLUME PURGED (gallons): 7.70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1336	7.04	7.04	0.11	5.48	6.54	15.16	625	1.19	1.10	39	Clear	None
1339	0.33	7.37	|	|	6.55	15.08	636	1.16	1.48	40	|	|
1342	0.33	7.70	|	|	6.54	15.20	637	1.14	1.83	41	|	|

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: J. Fletcher / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1343	SAMPLING ENDED AT: 1347
PUMP OR TUBING DEPTH IN WELL (feet): 6	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

6.72

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-23s	SAMPLE ID: MW-23s	DATE: 3/4/14

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): 13.08	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)
= (32.5 feet − 13.08 feet) X 0.16 gallons/foot = 3.10 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 15	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17	PURGING INITIATED AT: 1417	PURGING ENDED AT: 1518	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1512	9.35	9.35	0.17	16.68	4.53	20.40	136	2.08	0.54	218	Clear	None
1515	0.51	9.86	"	"	4.51	20.38	138	2.12	1.74	218	"	"
1518	0.51	10.37	"	"	4.51	20.42	138	2.12	0.69	217	"	"

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: J. Fletcher / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1519	SAMPLING ENDED AT: 1524

PUMP OR TUBING DEPTH IN WELL (feet): 17	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-24S	SAMPLE ID: MW-24S	DATE: 3/5/14

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): 12.82	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)
= (30.75 feet – 12.82 feet) X 0.16 gallons/foot = 2.86 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1640	PURGING ENDED AT: 1752	TOTAL VOLUME PURGED (gallons): 10.5

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1746	9.9	9.9	0.15	13.12	4.34	20.24	105	3.55	1.05	186	Clear	None
1749	0.3	10.2	|	|	4.32	20.27	106	3.44	1.10	188	|	|
1752	0.3	10.5	|	|	4.32	20.30	106	3.39	1.15	189	|	|

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: J. Fletcher / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1753	SAMPLING ENDED AT: 1757
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

58

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-25s	SAMPLE ID: MW-25s	DATE: 3/4/14

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): 4,98	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 − 4,98 feet) X 0,16 gallons/foot = 1,64 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7	PURGING INITIATED AT: 1052	PURGING ENDED AT: 1148	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)	ORP (mV)	COLOR	ODOR
1142	5,0	5,0	0,10	5,75	4,94	16,67	282	2,33	1,65	212	Clear	None
1145	0,3	5,3	"	"	4,92	16,69	283	2,31	1,65	212	"	"
1148	0,3	5,6	"	"	4,87	16,72	283	2,34	1,56	211	"	"

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: J. Fletcher / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1149	SAMPLING ENDED AT: 1154
PUMP OR TUBING DEPTH IN WELL (feet): 7	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-26s	SAMPLE ID: MW-26s	DATE: 3/5/14

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): 8.80	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 feet – 8.80 feet) X 0.16 gallons/foot = 1.79 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): 10.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10.5	PURGING INITIATED AT: 0919	PURGING ENDED AT: 1027	TOTAL VOLUME PURGED (gallons): 6.8

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1021	6.2	6.2	0.10	9.24	5.43	17.50	108	2.72	1.22	54	Clear	None
1024	0.3	6.5	|	|	5.32	17.59	107	2.71	0.66	56	|	|
1027	0.3	6.8	|	|	5.21	17.69	106	2.66	0.53	61	|	|

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: J. Fletcher / VAS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1028	SAMPLING ENDED AT: 1032
PUMP OR TUBING DEPTH IN WELL (feet): 10.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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:

54

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

1125 SEMS

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW27SR	SAMPLE ID: MW27SR	DATE: 3-7-14

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): 3.19	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)
= (16.95 feet – 3.19 feet) X 0.16 gallons/foot = 2.2 x 3 = 6.6 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5	PURGING INITIATED AT: 1133	PURGING ENDED AT: 1244	TOTAL VOLUME PURGED (gallons): 7.9

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1150	2	2	0.10	3.69	6.53	13.31	491	0.18	11.8	-145.6	CLEAR	
1209	2	4	0.10	3.59	6.62	13.41	499	0.16	6.81	-151.5	"	
1228	2	6	0.10	3.59	6.65	13.13	548	0.14	9.53	-152.7	"	
1236	1	7	0.10	3.60	6.67	13.29	570	0.12	8.15	-157.2	"	
1239	0.3	7.3	0.10	3.60	6.67	13.30	572	0.12	9.42	-158	"	
1241	0.3	7.6	0.10	3.60	6.67	13.35	578	0.12	7.52	-158.6	"	
1244	0.3	7.9	0.10	3.60	6.67	13.22	582	0.12	6.61	-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: RUFUS DICKEY / JEREMY FAGAN	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1245	SAMPLING ENDED AT: 1246

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW27SR	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	0.10 GPM

REMARKS:

Total Depth (ft btoc): 17.10

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

1645

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW28S	SAMPLE ID: MW28S	DATE: 3-11-14

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): 9.60	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (26 feet – 9.60 feet) X 0.16 gallons/foot = 2.6 x 3 = 7.9 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12	PURGING INITIATED AT: 1707	PURGING ENDED AT: 1835	TOTAL VOLUME PURGED (gallons): 8.9

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1745	3.5	3.5	0.10	11.58	5.67	23.06	1202	0.51	58.3	34.8	CLOUDY	
1815	~~3.5~~	6.5	0.10	11.63	4.94	23.01	1594	0.37	12.4	23.4	CLEAR	
1821	1	7.5	0.10	11.63	4.92	23.08	1671	0.35	10	23.3	"	
1826	0.5	8	0.10	11.63	4.87	23.08	1708	0.33	13.6	23.7	"	
1829	0.3	8.3	0.10	11.63	4.86	23.06	1723	0.32	16.4	24.3	"	
1832	0.3	8.6	0.10	11.63	4.84	23.06	1757	0.32	16.3	26.2	"	
1835	0.3	8.9	0.10	11.63	4.82	23.08	1775	0.31	15.2	27.5	"	

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: RUFUS DICKEY / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1840	SAMPLING ENDED AT: 1845
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE	FIELD-FILTERED: (Y) N Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
MW28S	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	0.10 GPM
MW28S-F	"	"	"	"	FILTERED		"	"	0.10 GPM

REMARKS: RISER PIPE IS BROKEN @ 0.5 FT BTOC. STORM WATER APPEARS TO DRAIN INTO THE WELL AT THE BREAK
Total Depth (ft btoc): 23.85*

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

* SEDIMENT "FELT" @ ~23.10'; PROBE "WORKED" TO 23.85.
REPLACED WELL CAP.

1245

M

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW29S	SAMPLE ID: MW29S	DATE: 3-12-14

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): 9.04	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (29.5 feet – 9.04 feet) X 0.16 gallons/foot = 3.27 x 3 = 9.8 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): 11	PURGING INITIATED AT: 1305	PURGING ENDED AT: 1435	TOTAL VOLUME PURGED (gallons): 11.26

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1349	5	5	0.11	9.42	4.09	20.26	1338	0.30	1.79	102.2	CLEAR	
1420	4	9	0.14	9.52	4.06	21.07	1395	0.21	1.88	104.9	"	
1426	1	10	0.14	9.52	4.06	19.95	1406	0.19	1.61	102.7	"	
1429	0.42	10.42	0.14	9.52	4.04	19.91	1413	0.18	1.51	103.9	"	
1432	0.42	10.84	0.14	9.52	4.05	19.83	1413	0.19	1.53	103.7	"	
1435	0.42	11.26	0.14	9.52	4.04	20.06	1414	0.18	1.67	102.4	"	

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: RUFUS DICKEY / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1437	SAMPLING ENDED AT: 1439
PUMP OR TUBING DEPTH IN WELL (feet): 11	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N (replaced))		DUPLICATE: (Y) N DUP2	

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)
MW29S	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	0.14 GPM
DUP2	"	"	"	"			"	"	"

REMARKS:

Total Depth (ft btoc): 29.56

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:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-30s	SAMPLE ID: MW-30s	DATE: 3/12/14

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): 10.17	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)
= (38.5 feet − 10.17 feet) X 0.16 gallons/foot = 4.53 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = 15.36 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13	PURGING INITIATED AT: 1340	PURGING ENDED AT: 1438	TOTAL VOLUME PURGED (gallons): 15.36

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1438	13.92	13.92	.24	11.12	7.72	21.63	475	1.41	0.73	179.1	clear	none
1441	0.72	14.64	.24	11.12	7.70	21.66	475	1.40	0.71	178.1		
1444	0.72	15.36	.24	11.12	7.65	21.67	474	1.38	0.92	177.2		

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: Trevor Campbell / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1445	SAMPLING ENDED AT: 1450
PUMP OR TUBING DEPTH IN WELL (feet): 13	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

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

WELL NO:	SAMPLE ID:	DATE:
MW319	MW319	3-12-14

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	19.5 feet to 39.5 feet	10.93	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (39.5 feet − 10.93 feet) X 0.16 gallons/foot = 4.57 x 3 = 13.7 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
13	32	0830	1212	14.06

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1915	4	4	0.09	19.5	4.58	21.31	236	4.06	2.87	81.7	CLEAR	
1018	4.5	8.5	0.09	24.8	5.03	21.34	65	4.87	16.5	83	"	
1058	2.5	11	0.06	29.60	4.99	22.10	81	4.94	39.5	70	CLOUDY	
1200	2.7	13.7	0.03	31.84	4.99	21.45	77	5.61	13	77.7	CLEAR	
1206	0.18	13.88	0.03	31.84	4.99	21.46	77	5.65	12.8	79.6	"	
1209	0.09	13.97	0.03	31.84	4.99	21.45	77	5.68	12.5	79.5	"	
1212	0.09	14.06	0.03	31.84	4.98	21.49	78	5.53	12.3	80.0	"	

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:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
RUFUS DICKEY/URS		1215	1230

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

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)
MW319	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	0.03 GPM
MW319-F	"	"	"	"	FILTERED		"		0.03 GPM

REMARKS:

Total Depth (ft btoc): 39.97

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-32S-R	SAMPLE ID: MW-32S-R	DATE: 3/11/14

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): 4.49	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 feet – 4.49 feet) X 0.16 gallons/foot = 1.36 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: 1008	PURGING ENDED AT: 1050	TOTAL VOLUME PURGED (gallons): 4.68

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1050	4.20	4.20	0.10	7.38	4.98	18.56	4970	0.20	2.64	246.4	Clear	none
1053	.24	4.44	0.10	7.45	5.01	18.54	4980	0.20	3.60	246.2	/	/
1056	.24	4.68	0.10	7.51	5.00	18.60	4998	0.19	4.36	247.9	/	/

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: Trevor Campbell / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1057	SAMPLING ENDED AT: 1102
PUMP OR TUBING DEPTH IN WELL (feet): 7	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-32I	SAMPLE ID: MW-32I	DATE: 3/11/14

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): 8.99	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (27 feet – 8.99 feet) X 0.16 gallons/foot = 2.88 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11	PURGING INITIATED AT: 1005	PURGING ENDED AT: 1105	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1105	8.7	8.7	0.145	9.59	3.67	22.86	3155	0.19	0.94	237.5	Clear	none
1108	.435	9.135	0.145	9.59	3.65	22.81	3148	0.20	0.81	238.7	1	1
1111	.435	9.57	0.145	9.59	3.64	22.85	3130	0.19	0.73	240.0	1	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: Trevor Campbell URS	SAMPLER(S) SIGNATURE(S): Trevor Campbell	SAMPLING INITIATED AT: 1112	SAMPLING ENDED AT: 1117
PUMP OR TUBING DEPTH IN WELL (feet): 11	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: (Y) (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

8.64

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-33S	SAMPLE ID: MW-33S	DATE: 3/5/14

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): 8.01	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)
= (27.5 feet – 8.01 feet) X 0.16 gallons/foot = 3.11 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): 10	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10	PURGING INITIATED AT: 1128	PURGING ENDED AT: 1241	TOTAL VOLUME PURGED (gallons): 9.94

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1235	9.38	9.38	0.14	8.18	4.92	17.25	167	4.14	1,150	123	Clear	None
1238	0.28	9.66	|	|	4.88	17.19	165	4.14	2.12	126	|	|
1241	0.28	9.94	|	|	4.87	17.28	162	4.15	1.16	128	|	|

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: J. Fletcher / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1242	SAMPLING ENDED AT: 1246
PUMP OR TUBING DEPTH IN WELL (feet): 10	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-345	SAMPLE ID: MW-345	DATE: 3/5/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 4.5 feet to 14.5 feet	STATIC DEPTH TO WATER (feet): 2.72	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)
= (14.5 feet – 2.72 feet) X 0.16 gallons/foot = 1.88 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 4.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 4.5	PURGING INITIATED AT: 1453	PURGING ENDED AT: 1606	TOTAL VOLUME PURGED (gallons): 7.3

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1600	6.7	6.7	0.10	4.06	6.06	15.57	20247	0.23	1.31	241	Clear	None
1603	0.3	7.0	|	|	6.07	15.61	20245	0.20	0.78	241	|	|
1606	0.3	7.3	|	|	6.07	15.50	20272	0.21	1.27	240	|	|

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: J. Fletcher / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1607	SAMPLING ENDED AT: 1611
PUMP OR TUBING DEPTH IN WELL (feet): 4.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-34I	SAMPLE ID: MW-34I	DATE: 3/5/14

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): 4.13	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)
= gallons + (0.0026 gallons/foot X 45 feet) + 0.15 gallons = 0.26 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 40	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 40	PURGING INITIATED AT: 1512	PURGING ENDED AT: 1546	TOTAL VOLUME PURGED (gallons): 2.24

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1536	1.92	1.92	0.08	6.21	5.94	17.03	96	2.41	257	133	Cloudy	None
1541	0.16	2.08			5.94	16.99	95	2.40	282	131		
1546	0.16	2.24			5.92	16.99	94	2.43	266	133		

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: J. Fletcher / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1547	SAMPLING ENDED AT: 1552
PUMP OR TUBING DEPTH IN WELL (feet): 40	TUBING MATERIAL CODE: PE	FIELD-FILTERED: (Y) N	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	Filtration Equipment Type: DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

1400 DUMP

1418

M

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW35S	SAMPLE ID: MW35S	DATE: 3-11-14

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): 9.13	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 feet – 9.13 feet) X 0.16 gallons/foot = 2.54 x 3 = 7.6 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11	PURGING INITIATED AT: 1438	PURGING ENDED AT: 1627	TOTAL VOLUME PURGED (gallons): 8.60

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1450	0.5	0.5	0.07	10.12	4.48	22.54	338	2.41	2.39	92.6	CLEAR	
1518	2	2.5	0.08	10.40	4.42	23.28	342	1.76	7.98	93.8	"	
1542	2	4.5	0.08	10.49	4.28	23.44	419	0.81	5.91	93.1	"	
1600	1.5	6	0.10	10.63	4.24	23.54	471	0.59	4.15	87.6	"	
1615	1.5	7.5	0.09	10.61	4.22	23.65	493	0.47	7.05	79.7	"	
1618	0.27	7.79	0.09	10.61	4.22	23.56	494	0.45	6.36	79.3	"	
1621	0.27	8.06	0.09	10.61	4.21	23.55	496	0.4	5.99	74.4	"	
1624	0.27	8.33	0.09	10.61	4.21	23.56	498	0.4	4.97	71.2	"	
1627	0.27	8.60	0.09	10.61	4.21	23.55	499	0.38	4.07	70.3	"	

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:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1629	SAMPLING ENDED AT: 1630
RUFUS DICKEY / URS			

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
MW35S	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	0.09 GPM

REMARKS: 1430 EQ3

Total Depth (ft btoc): 24.82

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:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

0840 SET UP

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW36S	SAMPLE ID: MW36S	DATE: 3-7-14

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): 4.19	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)
= (16.58 feet – 4.19 feet) X 0.16 gallons/foot = 1.98 x 3 = 5.94 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: 0850	PURGING ENDED AT: 0946	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 (mV)	COLOR	ODOR
0906	2	2	0.125	4.84	6.69	12.78	168	4.24	22.6	-6.8	CLEAR	
0922	2	4	0.125	4.82	6.74	13.35	180	3.45	20.5	-26	CLEAR	
0937	2	6	0.125	4.84	6.70	13.43	194	3.06	7.46		CLEAR	
0940	0.4	6.4	0.125	4.84	6.69	13.36	197	2.94	7.19	-37.8	CLEAR	
0943	0.4	6.8	0.125	4.84	6.68	13.38	199	2.93	9.19	-37.6	CLEAR	
0946	0.4	7.2	0.125	4.84	6.68	13.47	200	2.84	7.60	-38.2	CLEAR	

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: RUFUS DICKEY / JEREMY FAGAN	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0947	SAMPLING ENDED AT: 0948
PUMP OR TUBING DEPTH IN WELL (feet): 6	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
MW36S	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	0.125 GPM

REMARKS:

Total Depth (ft btoc): 16.80

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW37S	SAMPLE ID: MW37S	DATE: 3-5-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to 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)
= (18.57 feet – 3.88 feet) X 0.16 gallons/foot = 2.35 x 3 = 7 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 6	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7	PURGING INITIATED AT: 1620	PURGING ENDED AT: 1735	TOTAL VOLUME PURGED (gallons): 8.08

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)	ORP (mV)	COLOR	ODOR
1652	3	3	0.125	5.68	6.11	16.26	909	0.13	1.81	-105.6	CLEAR	
1708	2	5	0.125	5.85	6.07	16.34	911	0.11	1.30	-137.4	"	
1717	1	6	0.125	5.88	6.08	16.33	912	0.11	1.11	-135.2	"	
1725	1	7	0.12	5.88	6.10	16.37	912	0.11	1.03	-149	"	
1728	0.36	7.36	0.12	5.88	6.11	16.27	913	0.10	0.82	-154.6	"	
1731	0.36	7.72	0.12	5.88	6.11	16.27	912	0.10	1.03	-155.9	"	
1734	0.36	8.08	0.12	5.88	6.11	16.25	913	0.10	0.90	-156.2	"	

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: RUFUS DICKEY	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1735	SAMPLING ENDED AT: 1736
PUMP OR TUBING DEPTH IN WELL (feet): 7	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
MW37S	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	400 0.12 GPM

REMARKS:

Total Depth (ft btoc): 19.04

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

1454

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW38S	SAMPLE ID: MW38S	DATE: 3-7-14

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): 3.47	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)
= (19.11 feet – 3.47 feet) X 0.16 gallons/foot = 2.5 x 3 = 7.5 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 4.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 4.5	PURGING INITIATED AT: 1441	PURGING ENDED AT: 1556	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)	ORP (mV)	COLOR	ODOR
1458	2	2	0.125	4.13	6.05	13.79	161	0.22	4.79	29.2	CLEAR	
1515	2	4	0.10	4.13	6.07	13.64	169	0.16	4.38	-49.3	CLEAR	
1540	3	7.0	0.12	4.18	6.22	13.68	197	0.13	4.96	-91.7	"	
1547	0.5	7.5	0.10	4.16							"	
1550	0.3	7.8	0.10	4.16	6.24	13.71	200	0.14	4.27	-97.2	CLEAR	
1553	0.3	8.1	0.10	4.16	6.24	13.69	201	0.11	3.98	-99	"	
1556	0.3	8.4	0.10	4.16	6.25	13.61	201	0.8	3.84	-100.4	"	

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: RUFUS DICKEY JEREMY FAGAN	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1557	SAMPLING ENDED AT: 1558
PUMP OR TUBING DEPTH IN WELL (feet): 4.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW38S	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	0.10 GPM

REMARKS:

Total Depth (ft btoc): 19.10

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW399	SAMPLE ID: MW399
	DATE: 3-11-14

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): 5.23	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)
= (16 feet – 5.23 feet) X 0.16 gallons/foot = 1.72 x 3 = 5.2 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 6.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6.5	PURGING INITIATED AT: 0928	PURGING ENDED AT: 1041	TOTAL VOLUME PURGED (gallons): 7.3

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
0928			0.10									
1020	5.2	5.2	0.10									
1030	1	6.2	0.10	5.40								
1035	0.5	6.7	0.10	5.40	4.59	18.84	376	0.26	2.29	32.9	CLEAR	
1038	0.3	7	0.10	5.40	4.59	18.88	378	0.20	2.25	34.6	"	
1041	0.3	7.3	0.10	5.40	4.59	18.85	380	0.20	1.79	34.7	"	

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: RUFUS DICKEY/URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1045	SAMPLING ENDED AT: 1046
PUMP OR TUBING DEPTH IN WELL (feet): 6.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
MW399	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	0.10

REMARKS:

Total Depth (ft btoc): 15.70

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE N.	PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION:	315 4th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO:	MW-40s	SAMPLE ID:	MW-40s
DATE:	3/11/14		

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	25 feet to 35 feet	8.00	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (35 feet – 8.00 feet) X 0.16 gallons/foot = 4.32 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):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
10	21	1635	1846	14.41

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1840	13.75	13.75	0.11	20.10	5.27	24.11	59	1.80	10.2	142	Clear	None
1843	0.33	14.08	|	|	5.26	24.07	58	1.83	9.13	144	|	|
1846	0.33	14.41	|	|	5.25	24.04	58	1.70	9.12	145	|	|

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:
J. Fletcher / URS		1847	1851

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

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)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

[redacted]

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-41s	SAMPLE ID: MW-41s	DATE: 3/11/14

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): 3.32	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 feet – 3.32 feet) X 0.16 gallons/foot = 4.26 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): 5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5	PURGING INITIATED AT: 1403	PURGING ENDED AT: 1529	TOTAL VOLUME PURGED (gallons): 13.76

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1523	12.8	12.8	0.16	3.78	3.54	23.14	2238	0.18	2.51	267	Clear	None
1526	0.48	13.28				23.15	2243	0.18	1.43			
1529	0.48	13.76				23.15	2234	0.17	0.43			

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: J. Fletcher / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1530	SAMPLING ENDED AT: 1534
PUMP OR TUBING DEPTH IN WELL (feet): 5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc): 12.78

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:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-42s	SAMPLE ID: MW-42s	DATE: 3/4/14

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): 2,11	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (15 feet – 2,11 feet) X 0,16 gallons/foot = 2,06 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 4	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5	PURGING INITIATED AT: 1555	PURGING ENDED AT: 1703	TOTAL VOLUME PURGED (gallons): 6,8

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1657	6,2	6,2	0,10	4,26	4,85	16,40	3220	0,18	62	218	Cloudy	None
1700	0,3	6,5	|	|	|	16,47	3245	0,18	119	217	|	|
1703	0,3	6,8	|	|	|	16,42	3282	0,17	129	217	|	|

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: J. Fletcher / UA	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1704	SAMPLING ENDED AT: 1707

PUMP OR TUBING DEPTH IN WELL (feet): 5
TUBING MATERIAL CODE: PE
FIELD-FILTERED: (Y) N FILTER SIZE: 1.0 µm
Filtration Equipment Type:
FIELD DECONTAMINATION: PUMP Y (N) TUBING Y N (replaced)
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-43s	SAMPLE ID: MW-43s	DATE: 3/7/14

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): 3,65	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)
= (18,09 feet – 3,65 feet) X 0,16 gallons/foot = 2,31 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): 5,5	PURGING INITIATED AT: 0833	PURGING ENDED AT: 1000	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)	ORP (mV)	COLOR	ODOR
0954	7,29	7,29	0,09	5,22	5,81	14,41	1283	0,98	0,95	113	Clear	None
0957	0,27	7,56			5,83	14,39	1275	0,92	0,75			
1000	0,27	7,83			5,83	14,38	1299	0,87	0,61			

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: J. Fletcher / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1001	SAMPLING ENDED AT: 1005
PUMP OR TUBING DEPTH IN WELL (feet): 5,5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-445	SAMPLE ID: MW-445	DATE: 3/7/14

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): 6.80	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)
= (23.09 feet – 6.80 feet) X 0.16 gallons/foot = 2.60 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): 8.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14.5	PURGING INITIATED AT: 1220	PURGING ENDED AT: 1510	TOTAL VOLUME PURGED (gallons): 8.40

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1504	8.16	8.16	0.04	14.08	6.62	16.56	904	0.58	3.14	40	Clear	None
1507	0.12	8.28	|	14.13	|	16.61	903	0.55	3.10	30	|	|
1510	0.12	8.40	|	14.16	|	16.56	907	0.61	3.07	36	|	|

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: J. Fletcher	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1511	SAMPLING ENDED AT: 1515

PUMP OR TUBING DEPTH IN WELL (feet): 14.5
TUBING MATERIAL CODE: PE
FIELD-FILTERED: Y (N) Filtration Equipment Type: FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N) TUBING Y N (replaced)
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

7.8

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-45s	SAMPLE ID: MW-45s	DATE: 3/10/14

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): 8.92	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (22.76 feet – 8.92 feet) x 0.16 gallons/foot = 2.21 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): 13	PURGING INITIATED AT: 1000	PURGING ENDED AT: 1138	TOTAL VOLUME PURGED (gallons): 7.84

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1132	7.36	7.36	0.08	12.12	7.41	17.70	8360	0.27	2.22	-138	Clear	None
1135	0.24	7.60	"	12.18	7.47	17.75	8326	0.22	2.04	-140	"	"
1138	0.24	7.84	"	12.23	7.30	17.89	8342	0.19	1.50	-147	"	"

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: J. Fletcher / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1139	SAMPLING ENDED AT: 1142
PUMP OR TUBING DEPTH IN WELL (feet): 13	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

6.63

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-46s	SAMPLE ID: MW-46s	DATE: 3/4/14

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): 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)
= (15 feet – 3.90 feet) X 0.16 gallons/foot = 1.77 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): 5.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6.5	PURGING INITIATED AT: 0926	PURGING ENDED AT: 1027	TOTAL VOLUME PURGED (gallons): 6.1

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1021	5.5	5.5	0.10	6.08	3.90	17.70	399	1.80	0.74	292	Clear	None
1024	0.3	5.8	|	6.13	3.87	17.68	398	1.76	0.65	295	|	|
1027	0.3	6.1	|	6.18	3.84	17.70	397	1.67	0.57	299	|	|

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: J. Fletcher / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1028	SAMPLING ENDED AT: 1032
PUMP OR TUBING DEPTH IN WELL (feet): 6.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-47s	SAMPLE ID: MW-47s	DATE: 3/4/14

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): 17.98	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)
= (32 feet – 17.98 feet) X 0.16 gallons/foot = 2.24 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): 20	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 20	PURGING INITIATED AT: 1438	PURGING ENDED AT: 1536	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1530	7.80	7.80	0.15	18.02	4.98	19.34	50	4.35	1.91	204	Clear	None
1533	0.45	8.25	"	"	4.99	19.47	51	4.20	1.91	203	"	"
1536	0.45	8.70	"	"	5.07	19.50	50	4.20	1.87	197	"	"

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: J. Fletcher / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1537	SAMPLING ENDED AT: 1541
PUMP OR TUBING DEPTH IN WELL (feet): 20	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

1500

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW48S	SAMPLE ID: MW48S	DATE: 3-12-14

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): 9.90	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)
= (30.5 feet – 9.90 feet) X 0.16 gallons/foot = 3.3 x 3 = 9.9 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11.5	PURGING INITIATED AT: 1519	PURGING ENDED AT: 1641	TOTAL VOLUME PURGED (gallons): 11.26

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1550	4	4	0.14	10.67	4.07	19.21	976	0.26	2.00	95.3	CLEAR	
1618	4	8	0.14	10.69	3.98	19.31	1059	0.13	1.72	92.6	CLEAR	
1632	2	10	0.14	10.69	3.96	19.61	1071	0.11	1.74	106.8	"	
1635	0.42	10.42	0.14	10.69	3.97	19.50	1079	0.13	1.61	111.8	"	
1638	0.42	10.84	0.14	10.69	3.97	19.45	1090	0.13	1.66	115.8	"	
1641	0.42	11.26	0.14	10.69	3.96	19.46	1081	0.12	1.75	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: RUFUS DICKEY JURS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1643	SAMPLING ENDED AT: 1644
PUMP OR TUBING DEPTH IN WELL (feet): 11.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
MW48S	2	PE	~~250 mL~~ 8oz.	~~HNO_3~~ NONE	40ML SAFES	-----	Well Specific Metals 6020A	APP	0.14 GPM

REMARKS:

Total Depth (ft btoc): 30.08

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:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
N PCS Moultrie (Former Farmers Favorite Fertilizer)		
WELL NO: MW-49s	SAMPLE ID: MW-49s	DATE: 3/11/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 24 feet to 34 feet	STATIC DEPTH TO WATER (feet): 3.01	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)
= (34.5 feet – 3.01 feet) X 0.16 gallons/foot = 5.03 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): 27	PURGING INITIATED AT: 1647	PURGING ENDED AT: 1953	TOTAL VOLUME PURGED (gallons): 16.68

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1947	16.20	16.20	0.09	26.46	5.34	24.21	47	2.17	201	149	Cloudy	None
1950	0.24	16.44	|	26.47	5.33	24.21	47	2.07	200	149	|	|
1953	0.24	16.68	|	26.49	5.29	24.19	46	2.21	201	151	|	|

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: J. Fletcher / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1954	SAMPLING ENDED AT: 1958
PUMP OR TUBING DEPTH IN WELL (feet): 27	TUBING MATERIAL CODE: PE	FIELD-FILTERED: (Y) N Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc): 15.09

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:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: FFFW-1-R	SAMPLE ID: [redacted] FFFW-1-R	DATE: 3/7/14

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): 5,22	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)
= (14,86 feet – 5,22 feet) x 0,16 gallons/foot = 1,54 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): 7	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7	PURGING INITIATED AT: 1402	PURGING ENDED AT: 1455	TOTAL VOLUME PURGED (gallons): 5,3

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1449	4.7	4.7	0.10	6.26	6.61	13,91	272	5,11	6,45	63	Clear	None
1452	0,3	5,0	|	|	6.61	13,89	271	5,09	6,54	61	|	|
1455	0.3	5,3	|	|	6.62	13,82	273	5,08	6,47	59	|	|

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: J. Fletcher / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1456	SAMPLING ENDED AT: 1500
PUMP OR TUBING DEPTH IN WELL (feet): 7	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

4,62

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: FFFW-2-R	SAMPLE ID: FFFW-2-R	DATE: 3/10/14

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): 16.93	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (28.38 feet – 16.93 feet) X 0.16 gallons/foot = 1.99 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: 1428	PURGING ENDED AT: 1558	TOTAL VOLUME PURGED (gallons): 7.20

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1552	6.72	6.72	0.08	17.00	4.10	22.85	4216	0.22	1.32	164	Clear	None
1555	0.24	6.96	|	|	4.09	22.91	4235	0.21	1.58	165	|	|
1558	0.24	7.20	|	|	4.09	22.97	4259	0.22	1.09	167	|	|

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: J. Fletcher / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1559	SAMPLING ENDED AT: 1603
PUMP OR TUBING DEPTH IN WELL (feet): 19	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

5.97

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: FFFW-2I	SAMPLE ID: FFFW-2I	DATE: 3/10/14

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): 17.33	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)
= ([redacted] 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)
= gallons + (0.0026 [redacted] gallons/foot X 52 feet) + 0.15 gallons = 0.28 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 47	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 47	PURGING INITIATED AT: 1437	PURGING ENDED AT: 1519	TOTAL VOLUME PURGED (gallons): 3.36

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1504	2.16	2.16	0.08	17.50	5.31	23.24	334	0.72	2.01	58	Clear	None
1509	0.40	2.56			5.34	23.57	351	0.80	1.01	60		
1514		2.96			5.34	23.50	358	0.78	0.78	62		
1519		3.36			5.33	23.47	363	0.80	0.75	66		

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: J. Fletcher / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1520	SAMPLING ENDED AT: 1524
PUMP OR TUBING DEPTH IN WELL (feet): 47	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: FFFW-3-R	SAMPLE ID: FFFW-3-R	DATE: 3/7/14

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): 4.26	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)
= (17 feet – 4.26 feet) X 0.16 gallons/foot = 2.03 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): 7	PURGING INITIATED AT: 1011	PURGING ENDED AT: 1114	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 (mV)	COLOR	ODOR
1108	6.84	6.84	0.12	6.54	5.34	14.30	2090	1.41	0.46	138	Clear	None
1111	0.36	7.20			5.35	14.28	2086	1.31	0.42			
1114	0.36	7.56			5.35	14.28	2084	1.26	0.41			

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: J. Fletcher / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1115	SAMPLING ENDED AT: 1119
PUMP OR TUBING DEPTH IN WELL (feet): 7	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: FFFW-4-R	SAMPLE ID: FFFW-4-R	DATE: 3/10/14

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): 8.59	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (16.81 feet – 8.59 feet) X 0.16 gallons/foot = 1.31 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): 10.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13	PURGING INITIATED AT: 1251	PURGING ENDED AT: 1408	TOTAL VOLUME PURGED (gallons): 4.62

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1402	4.26	4.26	0.06	12.20	5.94	19.49	380	0.47	143	58	Cloudy	None
1405	0.18	4.44	|	12.28	5.99	19.58	374	0.37	142	59	|	|
1408	0.18	4.62	|	12.34	6.00	19.61	378	0.34	142	58	|	|

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: J. Fletcher / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1409	SAMPLING ENDED AT: 1413

PUMP OR TUBING DEPTH IN WELL (feet): 13	TUBING MATERIAL CODE: PE	FIELD-FILTERED: (Y) N Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

3.93

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW TP1S	SAMPLE ID: MW TP1S	DATE: 3/11/14

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): 11.48	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)
= (20 feet – 11.48 feet) X 0.16 gallons/foot = 1.36 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 = [redacted] gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13	FINAL PUMP OR TUBING DEPTH IN WELL (feet): [redacted] 13	PURGING INITIATED AT: 0842	PURGING ENDED AT: 0938	TOTAL VOLUME PURGED (gallons): 4.96

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
0938	4.48	4.48	0.08	11.51	4.34	18.53	253	2.73	0.93	155.4	clear	none
0941	.24	4.72	0.08	11.51	4.35	18.53	250	2.77	0.57	154.7	"	"
0944	.24	4.96	0.08	11.51	4.35	18.51	251	2.77	0.49	157.1	"	"

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: Trevor Campbell / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0945	SAMPLING ENDED AT: 0949

PUMP OR TUBING DEPTH IN WELL (feet): 13	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-TP11	SAMPLE ID: MW-TP11	DATE: 3/11/14

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): 10.71	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)
= (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)
= gallons + (.0026 gallons/foot X 50 feet) + .15 gallons = 0.28 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 45	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 45	PURGING INITIATED AT: 855	PURGING ENDED AT: 922	TOTAL VOLUME PURGED (gallons): 2.16

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)	ORP (mV)	COLOR	ODOR
912	1.36	1.36	0.08	10.98	5.80	18.81	63	5.28	7.52	124.5	clear	none
917	.4	1.76	0.08	10.98	5.85	18.86	62	5.22	5.51	127.1	1	1
922	.4	2.16	0.08	10.98	5.87	18.88	60	5.19	5.57	120.0	1	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: Trevor Campbell/URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 923	SAMPLING ENDED AT: 927
PUMP OR TUBING DEPTH IN WELL (feet): 45	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-TP2S	SAMPLE ID: MW-TP2S	DATE: 3/5/14

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): 5,00	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)
= (20 feet – 5,00 feet) X 0,16 gallons/foot = 2,4 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7	PURGING INITIATED AT: 1120	PURGING ENDED AT: 1218	TOTAL VOLUME PURGED (gallons): 7,84

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1212	7,28	7,28	0,14	5,93	5,32	15,74	267	0,60	5,46	116	Clear	None
1215	0.28	7,56	"	"	5,31	15,83	266	0,58	5,50	117	"	"
1218	0,28	7,84	"	"	5,32	15,78	266	0,58	5,97	118	"	"

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: J. Fletcher / VAS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1219	SAMPLING ENDED AT: 1223

PUMP OR TUBING DEPTH IN WELL (feet): 7	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-TP3s	SAMPLE ID: MW-TP3s	DATE: 3/4/14

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): 3,52	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 feet – 3,52 feet) X 0,16 gallons/foot = 2,63 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5,5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7,5	PURGING INITIATED AT: 1248	PURGING ENDED AT: 1351	TOTAL VOLUME PURGED (gallons): 8,82

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1345	7,98	7,98	0,14	6,86	4,50	17,31	206	0,31	0,64	213	Clear	none
1348	0,42	8,40	"	6,90	4,51	17,20	"	0,31	0,81	213	"	"
1351	0,42	8,82	"	6,92	4,49	17,14	"	0,32	0,43	214	"	"

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: J. Fletcher / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1352	SAMPLING ENDED AT: 1357
PUMP OR TUBING DEPTH IN WELL (feet): 7,5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-TP4S	SAMPLE ID: MW-TP4S	DATE: 3/5/14

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): 14.27	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (25 feet – 14.27 feet) X 0.16 gallons/foot = 1.71 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 16	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 16	PURGING INITIATED AT: 1630	PURGING ENDED AT: 1716	TOTAL VOLUME PURGED (gallons): 5.72

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1710	5.2	5.20	0.13	14.48	4.56	20.21	123	3.93	2.42	166	Clear	None
1713	0.26	5.46	"	"	4.54	20.15	123	3.83	1.93	169	"	"
1716	0.26	5.72	"	"	4.51	20.16	124	3.82	2.02	171	"	"

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: J. Fletcher / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1717	SAMPLING ENDED AT: 1721
PUMP OR TUBING DEPTH IN WELL (feet): 16	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-TP5s	SAMPLE ID: MW-TP5s
DATE: 3/7/14	

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): 10.15	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (25 feet – 10.15 feet) X 0.16 gallons/foot = 2.37 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): 14	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17	PURGING INITIATED AT: 1529	PURGING ENDED AT: 1655	TOTAL VOLUME PURGED (gallons): 7.74

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1649	7.20	7.20	0.09	16.22	3.01	19.24	18772	0.31	0.71	274	Clear	None
1652	0.27	7.47	|	16.25	3.02	19.26	18779	0.29	0.54	278	|	|
1655	0.27	7.74	|	16.25	3.02	19.26	18788	0.28	0.59	283	|	|

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: J. Fletcher / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1656	SAMPLING ENDED AT: 1700
PUMP OR TUBING DEPTH IN WELL (feet): 17	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc): 7.11

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-TPSI	SAMPLE ID: MW-TPSI	DATE: 3/7/14

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): 15.40	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)
= gallons + (0.0026 gallons/foot X 50 feet) + 0.15 gallons = 0.28 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 47	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 47	PURGING INITIATED AT: 1539	PURGING ENDED AT: 1630	TOTAL VOLUME PURGED (gallons): 5.1

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1620	4.1	4.1	0.10	18.42	5.78	18.27	52	0.41	60.7	40	Cloudy	None
1625	0.5	4.6		18.49	5.78	18.27	52	0.43	61.2	38		
1630	0.5	5.1		18.53	5.75	18.19	51	0.40	64.1	40		

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: J. Fletcher / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1631	SAMPLING ENDED AT: 1637
PUMP OR TUBING DEPTH IN WELL (feet): 47	TUBING MATERIAL CODE: PE	FIELD-FILTERED: (Y) N Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units
Specific Conductance: ± 5%
Dissolved Oxygen: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

CALIBRATION LOG

DATE: 3/4/14 SITE NAME & LOCATION: PC FF Moultire, Georgia JOB #: 12806151

YSI 556 MPS s/n: 11F102275 Turbidity M. r: Hach 2100 Q s/n: 10030C003867

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 (°C)	DO%	SATURATION (mg/L) (from chart)	PASS/FAIL +/- 0.3 mg/L	INITIALS
CAL	3/4/14	0509	0.914415	9.61	17.02	99.9	9.665	Pass	JF
ICV	"	0812		9.42	17.09	97.5	"	Pass	JF
CCV	3/5/14	0830		9.62	18.35	101.7	9.409	Pass	JF

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD (µS/cm)	LOT#	EXP. DATE	SP COND READING (µS/cm)	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL	3/4/14	0816	1409	C049-14	2/20/15	1409	0.961017	4.305085		JF
ICV	"	0820	"	"	"	1406			Pass	JF
CCV	3/5/14	0841	"	"	"	1428			Pass	JF

Conductivity gain range = 0.9 to 1.10; Cell constant = conductivity gain x 5

pH

	DATE	TIME	STANDARD (SU)	LOT#	EXP. DATE	UNCAL (mV)	pH READING (SU)	CAL (mV)	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL	3/4/14	0824	7.00	C077-15	3/19/15	-33.3	7.0	-33.3			JF
CAL	"	0828	4.00	C077-16	3/19/15	126.5	4.0	126.5			JF
CAL	"	0834	10.00	C233-20	3/22/14	-136.7	9.95	-136.5	0.1		JF
ICV	"	0835	7.00	C077-15	3/19/15		7.06			Pass	JF
CCV	3/5/14	0843	"	"	"		7.09			Pass	JF

pH slope is the difference between uncal mV and cal mV (uncal mV is just the mV reading before you press the cal button)
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 (°C)	STANDARD (mV)	LOT#	EXP. DATE	ORP READING (mV)	ORP (mV) OFFSET (glp file)	PASS/FAIL +/- 10 mV	INITIALS
CAL	3/4/14	0842	10.39	250.5	BK100149	10/2015	250.5	23.39760		JF
ICV	"	0845	10.51	"	"	"	250.7		Pass	JF
CCV	3/5/14	0847	7.78	257.0	"	"	255.2		Pass	JF

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD (NTU)	LOT#	EXP. DATE	TURBIDITY READING (NTU)	PASS/FAIL +/- 10%	INITIALS
CAL	3/4/14	0745	20.0	A3136	5/2014	20.6		JF
ICV	"	0752	10.0	A3135	5/2014	10.4	Pass	JF
CCV	3/5/14	0815	"	"	"	10.3	Pass	JF

CALIBRATION LOG

DATE: 3/6/14 LOCATION: PCS Mayfair JOB #: 12806651

YSI 556 MPS s/n: 11F102275 ~~LAMOTTE 2020~~ Hach 2100 Q s/n: 10080C023867

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	3/6/14	0806		9.81	17.54	102.9	9.565	Pass	JF

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	3/6/14	0811	〃	C049-14	2/20/15	1410			Pass	JF

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	3/6/14	0816	〃	C077-15	3/19/15		7.01			Pass	JF

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	3/6/14	0818	11.93	250.5	13K100149	10/2015	247.5		Pass	JF

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL			**1.00 ntu**					
ICV			**1.00 ntu**					
CCV	3/6/14	0742	**10.00 ntu**	A3135	5/2014	10.3	Pass	JF

CALIBRATION LOG

DATE: 3/7/14 LOCATION: PCS Moultrie JOB #: 12806651

YSI 556 MPS s/n: 11F102275 ~~LAMOTTE 2020~~ Hach 2100 a s/n: 10080C003367

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	3/7/14	1845		8.98	18.41	101.7	9.202	Pass	JF

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	3/7/14	1848		C049-14	2/20/15	1415			Pass	JF

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	3/7/14	1850		C077-15	3/19/15		7.03			Pass	JF

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	3/7/14	1853	17.30	244.0	13K100149	10/2015	251.8		Pass	JF

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL			**1.00 ntu**					
ICV			**1.00 ntu**					
CCV	3/7/14	1838	**10.00 ntu**	A3135	5/2014	10.6	Pass	JF

CALIBRATION LOG

DATE: 3/10/14 LOCATION: PCS Moultrie JOB #: 12806651

YSI 556 MPS s/n: 11F102275 ~~LAMOTTE 2020 e~~ /n: 100300003867

Hach 2100 Q

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	3/10/14	0805	0.981248	9.55	17.38	99.6	9.605	Pass	JF
ICV	"	0808		9.56	17.43	99.8	9.585	Pass	JF
CCV	3/11/14	0752		9.50	18.93	104.2	9.295	Pass	JF

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	3/10/14	0812	**1409 µS/cm**	C049-14	2/20/15	1401			pass	JF
CCV	3/11/14	0805	"	"	"	1393			Pass	JF

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	3/10/14	0815	**7.00 su**	C077-15	3/19/15		7.0			Pass	JF
CCV	3/11/14	0809	"	"	"		7.03			Pass	JF

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	3/10/14	0818	14.57	244.0	0131C100149	10/2015	240.6		Pass	JF
CCV	3/11/14	0820	14.12	"	"	"	246.1		Pass	JF

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL	3/10/14	0810	20 ~~1.00~~ **ntu**	A3136	5/2014	20.0		JF
ICV	"	0811	10 ~~100~~ **ntu**	A3135	5/2014	10.1	Pass	JF
CCV	3/11/14	0811	**10.00 ntu**	"	"	10.0	Pass	JF

CALIBRATION LOG

DATE: 3/12/14 LOCATION: PCS Moultrie JOB #: 12806651

YSI 556 MPS s/n: 11F102225 ~~LAMOTTE 2020~~ Hach 2100 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	3/12/14	0816		9.42	17.86	99.2	9.506	Pass	JF

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	3/12/14	0821	1	C049-14	2/20/15	1376			Pass	JF

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	3/12/14	0823	1	C077-15	3/19/15		7.00			Pass	JF

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	3/12/14	0825	17.31	244.0	BK100149	10/2015	240.9		Pass	JF

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL			**1.00 ntu**					
ICV			**1.00 ntu**					
CCV	3/12/14	0828	**10.00 ntu**	A3135	5/2014	10.1	Pass	JF

CALIBRATION LOG

DATE: 3/4/14 SITE NAME & LOCATION: PL EFF Moultrie, Georgia JOB #: 1280651.00000

YSI 556 MPS s/n: 12D101257 Turbidity Meter: HACH 2100Q s/n: 10110C006594

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 (°C)	DO%	SATURATION (mg/L) (from chart)	PASS/FAIL +/- 0.3 mg/L	INITIALS
CAL	3/4/14	0750	0.950814	11.84	8.05	100.0	11.84	Pass	KH
ICV	3/4/14	0831		12.18	6.57	99.0	12.22	Pass	KH
CCV	3/4/14	1720		12.15	~~10.93~~	101.3	12.14	Pass	KH

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD (µS/cm)	LOT#	EXP. DATE	SP COND READING (µS/cm)	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL	3/4/14	815	1409	C158-28	C-11-15	1409	0.412767	4.563836		VC
ICV	3/4/14	0836	1409	"	"	1420			Pass	KH
CCV	~~1320~~ 3/4/14	1728	~~1394~~ 1409 KH	"	"	1394			Pass	KH

Conductivity gain range = 0.9 to 1.10; Cell constant = conductivity gain x 5

pH

	DATE	TIME 0804	STANDARD (SU)	LOT#	EXP. DATE	UNCAL (mV)	pH READING (SU)	CAL (mV)	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL	3/4/14	~~1405~~	7.00	C238-22	8-27-15	-42.7	7.00	-42.6	.1		VC
CAL	3/4/14	809	4.00	C241-20	9-3-15	119.4	4.00	119.5	.1		VC
CAL	3/4/14	811	10.00	C233-20	8-22-14	-198.3	9.98	-199.0	.2		VC
ICV	3/4/14	0840	7.00	C238-22	8-27-15		7.04			Pass	KH
CCV	3/4/14	1732	7.00	"	"		7.20			Pass	KH

pH slope is the difference between uncal mV and cal mV (uncal mV is just the mV reading before you press the cal button)
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 (°C)	STANDARD (mV)	LOT#	EXP. DATE	ORP READING (mV)	ORP (mV) OFFSET (glp file)	PASS/FAIL +/- 10 mV	INITIALS
CAL	3/4/14	0820	6.06	256.0	13K100149	10/2015	256.0	13.04478		VC
ICV	3/4/14	0843	6.36	256.0	"	"	255.7		Pass	KH
CCV	3/4/14	1736	7.39	253.0			251.6		Pass	KH

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD (NTU)	LOT#	EXP. DATE	TURBIDITY READING (NTU)	PASS/FAIL +/- 10%	INITIALS
CAL	3/4/14	0825	20	2684801	4-14	20.0		Pass KH
ICV	3/4/14	0826	100	A3079	3-14	100.0	Pass	ICH
CCV	3/4/14	1740	20	2684801	4-14	21.0	Pass	ICH

CALIBRATION LOG

DATE: 3-6-14 SITE NAME & LOCATION: PC FFF Moultire, Georgia JOB #: 12906651.00200

YSI 556 MPS s/n: 12D101257 Turbidity M. r: HACH 2100Q s/n: 10110C006398

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO (mg/L)	TEMP (°C)	DO%	SATURATION (mg/L) (from chart)	PASS/FAIL +/- 0.3 mg/L	INITIALS
CAL	3-6-14	1000	1.004494	8.86	21.30	96.9	8.863	PASS	RLDM
ICV	3-6-14	1005		8.86	21.34	100.1	8.963	PASS	RLDM
CCV	3-6-14	0815		8.68	20.96	97.3	8.915	PASS	RLDM
	3-7-14	0530		9.16	19.12	99.1	9.258	PASS	RLDM

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD (µS/cm)	LOT#	EXP. DATE	SP COND READING (µS/cm)	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL	3-6-14	0850	**1409**	C158-20	6-11-15	1409	0.977180	4.8859		RLDM
ICV	3-6-14	0900	1409	"	"	1408			PASS	RLDM
CCV										

Conductivity gain range = 0.9 to 1.10; Cell constant = conductivity gain x 5

pH

	DATE	TIME	STANDARD (SU)	LOT#	EXP. DATE	UNCAL (mV)	pH READING (SU)	CAL (mV)	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL	3-6-14	0820	**7.00**	C238-22	8-27-15	-12.9	7.23	-13.0	-0.1		RLDM
CAL	3-6-14	0825	**4.00**	C241-20	9-3-15	143.0	4.24	143.8	0.8		RLDM
CAL	3-6-14	0830	**10.00**	C233-20	8-22-14	-182.1	10.24	-181.4	-0.7		RLDM
ICV	3-6-14	0840	**7.00**	C238-22	8-27-15		7.05			PASS	RLDM
CCV	3-7-14	0534	7.00	"	"		6.78			FAIL	RLDM

pH slope is the difference between uncal mV and cal mV (uncal mV is just the mV reading before you press the cal button)
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 (°C)	STANDARD (mV)	LOT#	EXP. DATE	ORP READING (mV)	ORP (mV) OFFSET (glp file)	PASS/FAIL +/- 10 mV	INITIALS
CAL	3-6-14	0905	16.20	242.7	13K100149	10/2015	242.7	16.38934		RLDM
ICV	3-6-14	0910	16.55	242.7	"	"	242.2		PASS	RLDM
CCV										

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD (NTU)	LOT#	EXP. DATE	TURBIDITY READING (NTU)	PASS/FAIL +/- 10%	INITIALS
CAL	3-6-14	0800	20	2684801	4-14	20.1		RLDM
ICV	3-6-14	0807	100	A3079	3-14	101	PASS	RLDM
CCV								

CALIBRATION LOG

DATE: 3-7-14 SITE NAME & LOCATION: P[illegible]FF Moultire, Georgia JOB #: 1280665/.00000

YSI 556 MPS s/n: 12D101257 Turbidity Meter: HACH 2100Q s/n: 10110C006398

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO (mg/L)	TEMP (°C)	DO%	SATURATION (mg/L) (from chart)	PASS/FAIL +/- 0.3 mg/L	INITIALS
CAL									
ICV									
CCV	3-7-14	0530		9.16	19.12	99.1	9.258	PASS	RLOTT
	3-7-14	1630		9.19	DO gain range = 0.7 to 1.40 16.63	94.7	9.746	FAIL	RLOTT

Specific Conductivity

	DATE	TIME	STANDARD (µS/cm)	LOT#	EXP. DATE	SP COND READING (µS/cm)	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5% 70.45 µS/cm	INITIALS
CAL		~~0604~~	**1409**		~~1399~~	~~1399~~				
ICV										
CCV	3-7-14	0604	1409	C158-28	6-11-15	1399			PASS	RLOTT
	3-7-14	1613	1409	Conductivity gain range = 0.9 to 1.10; Cell constant = conductivity gain x 5 C158-28	6-11-15	1401			PASS	RLOTT

pH

	DATE	TIME	STANDARD (SU)	LOT#	EXP. DATE	UNCAL (mV)	pH READING (SU)	CAL (mV)	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL	3-7-14	0539	**7.00**	C238-22	8-27-15	-5.3	7.10	-5.6	-0.3		RLOTT
CAL	↓	0544	**4.00**	C241-20	9-3-15	161	4.09	161.5	0.5		RLOTT
CAL		0552	**10.00**	C233-20	8-22-14	-177.6	10.10	-177.7	-0.1		RLOTT
ICV	↓	0556	**7.00**	C238-22	8-27-15		7.03			PASS	RLOTT
CCV	3-7-14	1610	7.00	"	"		7.17			PASS	RLOTT

pH slope is the difference between uncal mV and cal mV (uncal mV is just the mV reading before you press the cal button)
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 (°C)	STANDARD (mV)	LOT#	EXP. DATE	ORP READING (mV)	ORP (mV) OFFSET (glp file)	PASS/FAIL +/- 10 mV	INITIALS
CAL										
ICV										
CCV	3-7-14	0608	16.68	241.4	13K100149	10/2015	242.8		PASS	RLOTT
	3-7-14	1615	11.87	247.9	ORP mV offset range = 0 +/- 100 13K100149	10/2015	249.0		PASS	RLOTT

TURBIDITY

	DATE	TIME	STANDARD (NTU)	LOT#	EXP. DATE	TURBIDITY READING (NTU)	PASS/FAIL +/- 10%	INITIALS
CAL	3-7-14	0610	20	2684801	4-14	19.8		RLOTT
ICV	3-7-14	0618	100	A3079	3-14	104	PASS	RLOTT
CCV	3-7-14	1604	20	2684801	4-14	20.6	PASS	RLOTT

CALIBRATION LOG

DATE: 3-10-14 SITE NAME & LOCATION: PC FF Moultire, Georgia JOB #: 1280651.00000

YSI 556 MPS s/n: 12D10257 Turbidity M: HACH 2100Q s/n: 10110C006398

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO (mg/L)	TEMP (°C)	DO%	SATURATION (mg/L) (from chart)	PASS/FAIL +/- 0.3 mg/L	INITIALS
CAL	3-10-14	0611	1.00 4494	9.15	20.78	102.1	8.950	8.950 PASS	RLDIII
ICV	"	0616		8.95	20.81	101.1	8.950	PASS	RLDIII
CCV	3-11-14	0755		10.1	15.50	101.3	9.976	PASS	RLDIII

DO gain range = 0.7 to 1.40 24.62

Specific Conductivity

	DATE	TIME	STANDARD (µS/cm)	LOT#	EXP. DATE	SP COND READING (µS/cm)	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL	3-10-14	0541	**1409**			1419	0.992927	4.964635		RLDIII
ICV	"	0548	1409	C158-28	6-11-16	1401			PASS	RLDIII
CCV	3-11-14	0807	1409	C158-28	6-11-16	1414			PASS	RLDIII
	3-11-14	1920	1409	C158-28	6-11-16	1420			PASS	RLDIII

Conductivity gain range = 0.9 to 1.10; Cell constant = conductivity gain x 5

pH

	DATE	TIME	STANDARD (SU)	LOT#	EXP. DATE	UNCAL (mV)	pH READING (SU)	CAL (mV)	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL	3-10-14	0528	**7.00**	C238-22	8-27-15	-8.8	7.15	-8.7	-0.1		RLDIII
CAL	↓	0537	**4.00**	C241-20	9-3-15	162.6	4.04	162.8	0.2		RLDIII
CAL		0537	**10.00**	C233-20	8-22-14	-181.4	10.02	-181.5	-0.1		RLDIII
ICV		0539	~~7.00~~ 10.00	~~C238-22~~	~~8-27-15~~		10.01			PASS	RLDIII
CCV	3-11-14	0804	7.00	C238-22	8-27-15		7.12			PASS	RLDIII
	3-11-14	1917	7.00	C238-22	8-27-15		7.04			PASS	RLDIII

pH slope is the difference between uncal mV and cal mV (uncal mV is just the mV reading before you press the cal button)
pH mV range: 7 SU = 0mV +/- 50mV 4 SU = 165 to 180 + 7 SU mV reading 10 SU = -165 to -180 + 7 SU mV reading

ORP

	DATE	TIME	TEMP (°C)	STANDARD (mV)	LOT#	EXP. DATE	ORP READING (mV)	ORP (mV) OFFSET (glp file)	PASS/FAIL +/- 10 mV	INITIALS
CAL	3-10-14	0618	19.78	237.5	13K100149	10/2015	237.5	17.855960		RLDIII
ICV	"	0621	20.06	237.5	13K100149	"	237.5		PASS	RLDIII
CCV	3-11-14	0811	14.27	245.3	13K100149	"	247.4		PASS	RLDIII
	3-11-14	1923	22.03	234.5	13K100149	10/2015	234.2		PASS	RLDIII

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD (NTU)	LOT#	EXP. DATE	TURBIDITY READING (NTU)	PASS/FAIL +/- 10%	INITIALS
CAL	3-10-14	0557	20	2684801	4-14	20.1		RLDIII
ICV	"	0858	100	A3079	3-14	99.5	PASS	RLDIII
CCV	3-11-14	0753	20	2684801	4-14	21	PASS	RLDIII
	3-11-14	1928	20	2684801	4-14	20.2	PASS	RLDIII

CALIBR ATION LOG

DATE: 3-11-14 SITE NAME & LOCATION: PC.. FFF Moultire, Georgia JOB #: 128066S1.00000

YSI 556 MPS s/n: 12D101257 Turbidity Meter: HACH 2100Q s/n: 10110C006398

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO (mg/L)	TEMP (°C)	DO% (100.2)	SATURATION (mg/L) (from chart)	PASS/FAIL +/- 0.3 mg/L	INITIALS
CAL	3-11-14	1941	1.004494	8.31	22.08	~~95.0~~	8.727	PASS	RLOTT
ICV		1949		8.71	22.29	100.1	8.693	PASS	RLOTT
CCV	3-11-14	1940		8.28	22.03	94.9	8.744	FAIL	RLOTT

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD (µS/cm)	LOT#	EXP. DATE	SP COND READING (µS/cm)	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL			**1409**							
ICV										
CCV	3-11-14	1920	1409	C158-28	6-11-16	1420			PASS	RLOTT

Conductivity gain range = 0.9 to 1.10; Cell constant = conductivity gain x 5

pH

	DATE	TIME	STANDARD (SU)	LOT#	EXP. DATE	UNCAL (mV)	pH READING (SU)	CAL (mV)	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL			**7.00**								
CAL			**4.00**								
CAL			**10.00**								
~~ICV~~ CCV	~~3-12-14~~		**7.00**								
CCV	3-11-14	1917	7.00	C238-22	8-27-15		7.04			PASS	RLOTT

pH slope is the difference between uncal mV and cal mV (uncal mV is just the mV reading before you press the cal button)
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 (°C)	STANDARD (mV)	LOT#	EXP. DATE	ORP READING (mV)	ORP (mV) OFFSET (glp file)	PASS/FAIL +/- 10 mV	INITIALS
CAL										
ICV										
CCV	3-11-14	1923	22.03	234.9	13K100149	10/2015	234.2		PASS	RLOTT

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD (NTU)	LOT#	EXP. DATE	TURBIDITY READING (NTU)	PASS/FAIL +/- 10%	INITIALS
CAL								
ICV								
CCV	3-11-14	1928	20	26948O1	4-14	20.2	PASS	RLOTT

CALIBRATION LOG

DATE: 3-12-14 SITE NAME & LOCATION: P. FFF Moultire, Georgia JOB #: 1280665/.00000

YSI 556 MPS s/n: 12D101257 Turbidity Meter: HACH 2100Q s/n: 10110C006399

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 (°C)	DO%	SATURATION (mg/L) (from chart)	PASS/FAIL +/- 0.3 mg/L	INITIALS
CAL									
ICV									
CCV	3-12-14	1821		7.90	21.05	88.0	8.95	FAIL	RLOTT

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD (µS/cm)	LOT#	EXP. DATE	SP COND READING (µS/cm)	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL			1409							
ICV										
CCV	3-12-14	1811	1409	C158-28	6-11-16	1525			FAIL	RLOTT

Conductivity gain range = 0.9 to 1.10; Cell constant = conductivity gain x 5

pH

	DATE	TIME	STANDARD (SU)	LOT#	EXP. DATE	UNCAL (mV)	pH READING (SU)	CAL (mV)	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL			7.00								
CAL			4.00								
CAL			10.00								
ICV			7.00								
CCV	3-12-14	1806	7.00	C238-22	9-27-15		7.00			PASS	RLOTT

pH slope is the difference between uncal mV and cal mV (uncal mV is just the mV reading before you press the cal button)
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 (°C)	STANDARD (mV)	LOT#	EXP. DATE	ORP READING (mV)	ORP (mV) OFFSET (glp file)	PASS/FAIL +/- 10 mV	INITIALS
CAL										
ICV										
CCV	3-12-14	1815	19.57	238.8	13K1001149	10/2015	238.6		~~238.6~~ PASS	RLOTT

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD (NTU)	LOT#	EXP. DATE	TURBIDITY READING (NTU)	PASS/FAIL +/- 10%	INITIALS
CAL								
ICV								
CCV	3-12-14	1818	20	2684901	4-14	20.3	PASS	RLOTT

APPENDIX B

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	CESQG	1	800-535-5053	17704

5. Generator's Name and Mailing Address
PCS Joint Venture, Ltd.
315 4th Avenue, N. E.
Moultrie, GA 31768
Generator's Phone:

Generator's Site Address (if different than mailing address)
Contact: Deb Hilton (URS Corporation)
Cell: (850) 528-8995

6. Transporter 1 Company Name: Robbie D. Wood, Inc.
U.S. EPA ID Number: ALD067138891

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Perma-Fix of Florida, Inc.
1940 N. W. 67th Place
Gainesville, FL 32653
Facility's Phone: (352) 373-6066
U.S. EPA ID Number: FLD980711071

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Regulated Material (Soil) PF #53907	002	DM	0110	G	
2.	Non-Regulated Material (Purge Water) PF #51759	007	DM	0385	G	
3.						
4.						

13. Special Handling Instructions and Additional Information
Mail invoice to:
Caller must I. D. Perma-Fix of Florida, Inc. Austin, TX 78720, Project #12806651.00000, PCS Joint Venture, Ltd., Moultrie, GA, Work Auth. #305008.US. Mail manifest to: URS Corporation, 1625 Summit Lake Drive, Suite 200, Tallahassee, FL 32317, Attn: Deb Hilton. Invoice separately. Project Manager: Sid O'Neal; sid.oneal@urs.com
PLEASE SEND CERTIFICATE OF DISPOSAL. 1,2,) D80 W000 H14 (PF)

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Trevor Campbell as an agent for PCS Joint Venture, Ltd.
Signature:
Month: 3 Day: 21 Year: 14

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Thomas Cox
Signature:
Month: 03 Day: 21 Year: 14

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Tom McGarff
Signature: Tom McGarff
Month: 3 Day: 24 Year: 14

169-BLC-O 6 10498 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

APR 03 2014

31-Mar-14

PCS JOINT VENTURE
URS CORPORATION
ENVIRONMENTAL SAFETY
1625 SUMMIT LAKE DR STE 200
TALLAHASSEE FL 32317

REF: MANIFEST NUMBER: 17704
SHIPMENT NUMBER: PFG-116N
SHIPMENT DATE: 03/24/2014

ON THE ABOVE DATE, YOUR WASTE MATERIAL WAS RECEIVED AT OUR FACILITY.
PERMA-FIX OF FLORIDA EPA ID NUMBER FLD980711071

APPENDIX C

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Tel: (850)878-3994

TestAmerica Job ID: 640-47167-1
Client Project/Site: PCS FFF Moultrie
Revision: 1

For:
URS Corporation
1625 Summit Lake Drive
Suite 200
Tallahassee, Florida 32317

Attn: Mr. Jeff Wagner

Authorized for release by:
4/11/2014 4:39:23 PM

Amy Marks, Project Manager II
(850)878-3994
amy.marks@testamericainc.com

Table of Contents

Qualifiers

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 640-47167-1

Laboratory: TestAmerica Tallahassee

Narrative

Job Narrative
640-47167-1

Comments
One or more metals result has been revised in the attached report for the following samples due to an apparent sequencing error in the original batch (320590): MW-TP5S (640-47167-72), DUP-1 (640-47167-74), DUP-2 (640-47167-75), DUP-3 (640-47167-76), DUP-4 (640-47167-77), DUP-5 (640-47167-78), DUP-6 (640-47167-79), DUP-7 (640-47167-80), EQ Blank-1 (640-47167-81), EQ Blank-2 (640-47167-82), EQ Blank-3 (640-47167-83). All affected results have been re-analyzed and reported from analytical batches 323412 and 324017.

Receipt
The samples were received on 3/13/2014 3:55 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.6º C and 5.2º C.

Except:

The following liquid sample was received in two 8oz soil containers: MW-48S (640-47167-60). This sample was transferred to a 250mL Plastic Nitric container per client request.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-1S-R — Lab Sample ID: 640-47167-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.00086	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-1S-R-F — Lab Sample ID: 640-47167-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead, Dissolved	0.00055	J	0.0015	0.00020	mg/L	1		6020A	Dissolved

Client Sample ID: MW-1I-R — Lab Sample ID: 640-47167-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.0018		0.0015	0.00020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-2S — Lab Sample ID: 640-47167-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0021	J	0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Barium	0.042		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Lead	0.0031		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0083		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-2I — Lab Sample ID: 640-47167-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.0020		0.0015	0.00020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-3S — Lab Sample ID: 640-47167-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.049		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Barium	0.023		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0074		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Cadmium	0.0012		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Copper	0.23		0.0050	0.0011	mg/L	1		6020A	Total Recoverable
Lead	0.033		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.088		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Selenium	0.0073		0.0025	0.0010	mg/L	1		6020A	Total Recoverable
Zinc	0.43		0.020	0.0083	mg/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-3I — Lab Sample ID: 640-47167-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.11		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.00050		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Lead	0.0020		0.0015	0.00020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-4S — Lab Sample ID: 640-47167-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.21		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Cadmium	0.0034		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Copper	0.065		0.0050	0.0011	mg/L	1		6020A	Total Recoverable
Lead	0.00096	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.10		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-5S-R — Lab Sample ID: 640-47167-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0019	J	0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Lead	0.00041	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-6S-R — Lab Sample ID: 640-47167-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0049		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0052		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Cadmium	0.0059		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Lead	0.0018		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.11		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	0.91		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-6I — Lab Sample ID: 640-47167-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.0035		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0036	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-7S-R — Lab Sample ID: 640-47167-12

This Detection Summary does not include radiochemical test results.

TestAmerica Tallahassee

Client Sample ID: MW-7S-R (Continued) — Lab Sample ID: 640-47167-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0043		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0051		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Lead	0.0021		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.12		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-7S-R-F — Lab Sample ID: 640-47167-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic, Dissolved	0.0042		0.0025	0.0013	mg/L	1		6020A	Dissolved
Beryllium, Dissolved	0.0052		0.00050	0.00025	mg/L	1		6020A	Dissolved
Lead, Dissolved	0.0016		0.0015	0.00020	mg/L	1		6020A	Dissolved
Nickel, Dissolved	0.12		0.0050	0.0020	mg/L	1		6020A	Dissolved

Client Sample ID: MW-7I — Lab Sample ID: 640-47167-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0079		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Barium	2.7		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0057		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Lead	0.052		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.015		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-7I-F — Lab Sample ID: 640-47167-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic, Dissolved	0.0081		0.0025	0.0013	mg/L	1		6020A	Dissolved
Barium, Dissolved	2.8		0.0050	0.0013	mg/L	1		6020A	Dissolved
Beryllium, Dissolved	0.0058		0.00050	0.00025	mg/L	1		6020A	Dissolved
Lead, Dissolved	0.053		0.0015	0.00020	mg/L	1		6020A	Dissolved
Nickel, Dissolved	0.016		0.0050	0.0020	mg/L	1		6020A	Dissolved

Client Sample ID: MW-8I — Lab Sample ID: 640-47167-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0013	J	0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Lead	0.010		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0033	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-9S-R — Lab Sample ID: 640-47167-17

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-9S-R (Continued) — Lab Sample ID: 640-47167-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.043		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Lead	0.029		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.011		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-10S-R — Lab Sample ID: 640-47167-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0016	J	0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Lead	0.00043	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0023	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-10I — Lab Sample ID: 640-47167-19

No Detections.

Client Sample ID: MW-11S — Lab Sample ID: 640-47167-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0030		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Lead	0.00084	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0035	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-12S — Lab Sample ID: 640-47167-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.24		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Barium	1.3		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.044		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Cadmium	0.0023		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Copper	0.30		0.010	0.0022	mg/L	2		6020A	Total Recoverable
Lead	0.050		0.0030	0.00040	mg/L	2		6020A	Total Recoverable
Nickel	0.21		0.010	0.0040	mg/L	2		6020A	Total Recoverable
Selenium	0.038		0.0025	0.0010	mg/L	1		6020A	Total Recoverable
Thallium	0.0019	J	0.0020	0.0010	mg/L	2		6020A	Total Recoverable
Zinc	1.3		0.020	0.0083	mg/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-12I — Lab Sample ID: 640-47167-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.53		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0020		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Lead	0.0069		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0090		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-13S-R — Lab Sample ID: 640-47167-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	0.0035	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-13I — Lab Sample ID: 640-47167-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.00047	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0022	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-15S — Lab Sample ID: 640-47167-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.054		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0053		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Lead	0.029		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.043		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-18S — Lab Sample ID: 640-47167-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.31		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0014		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Cadmium	0.00050		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Copper	0.0016	J	0.0050	0.0011	mg/L	1		6020A	Total Recoverable
Nickel	0.014		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	0.13		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-19S — Lab Sample ID: 640-47167-27

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-19S (Continued) — Lab Sample ID: 640-47167-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.013		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Cadmium	0.0054		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Lead	0.0010	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.042		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	3.6		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-20S — Lab Sample ID: 640-47167-28

No Detections.

Client Sample ID: MW-21S — Lab Sample ID: 640-47167-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0050		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Lead	0.00051	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.014		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-22S — Lab Sample ID: 640-47167-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0016	J	0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Nickel	0.0023	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-23S — Lab Sample ID: 640-47167-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.28		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0016		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Lead	0.0042		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0049	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	0.022		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-24S — Lab Sample ID: 640-47167-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.0052		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0055		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-25S — Lab Sample ID: 640-47167-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.0011	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0044	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-26S — Lab Sample ID: 640-47167-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.0034		0.0015	0.00020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-27S-R — Lab Sample ID: 640-47167-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0023	J	0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Lead	0.0012	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.016		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-28S — Lab Sample ID: 640-47167-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0026		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Barium	2.9		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0078		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Lead	0.0024		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.030		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-28S-F — Lab Sample ID: 640-47167-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic, Dissolved	0.0020	J	0.0025	0.0013	mg/L	1		6020A	Dissolved
Barium, Dissolved	2.5		0.0050	0.0013	mg/L	1		6020A	Dissolved
Beryllium, Dissolved	0.0068		0.00050	0.00025	mg/L	1		6020A	Dissolved
Lead, Dissolved	0.0017		0.0015	0.00020	mg/L	1		6020A	Dissolved
Nickel, Dissolved	0.026		0.0050	0.0020	mg/L	1		6020A	Dissolved

Client Sample ID: MW-29S — Lab Sample ID: 640-47167-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0027		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Barium	1.1		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0026		0.00050	0.00025	mg/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-29S (Continued) — Lab Sample ID: 640-47167-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	0.012		0.0050	0.0011	mg/L	1		6020A	Total Recoverable
Lead	0.040		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0080		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Mercury	0.0013		0.00020	0.000091	mg/L	1		7470A	Total/NA

Client Sample ID: MW-30S — Lab Sample ID: 640-47167-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	2.0		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0027		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Copper	0.0056		0.0050	0.0011	mg/L	1		6020A	Total Recoverable
Lead	0.0099		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0093		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-31S — Lab Sample ID: 640-47167-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.083		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.00035	J	0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Lead	0.00098	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-31S-F — Lab Sample ID: 640-47167-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium, Dissolved	0.085		0.0050	0.0013	mg/L	1		6020A	Dissolved
Beryllium, Dissolved	0.00038	J	0.00050	0.00025	mg/L	1		6020A	Dissolved
Lead, Dissolved	0.00089	J	0.0015	0.00020	mg/L	1		6020A	Dissolved

Client Sample ID: MW-32S-R — Lab Sample ID: 640-47167-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0023	J	0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Lead	0.00039	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.019		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-32I — Lab Sample ID: 640-47167-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.083		0.0025	0.0013	mg/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-32I (Continued) — Lab Sample ID: 640-47167-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.37		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.023		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Cadmium	0.0055		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Lead	0.11		0.0030	0.00040	mg/L	2		6020A	Total Recoverable
Nickel	0.13		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Thallium	0.0014	J	0.0020	0.0010	mg/L	2		6020A	Total Recoverable

Client Sample ID: MW-33S — Lab Sample ID: 640-47167-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.0018		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0029	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	0.089		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-34S — Lab Sample ID: 640-47167-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0088		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Cadmium	0.0074		0.0010	0.00019	mg/L	2		6020A	Total Recoverable
Lead	0.00041	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.058		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	1.5		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-34I — Lab Sample ID: 640-47167-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0013	J	0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Lead	0.0042		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0054		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	0.019	J	0.020	0.0083	mg/L	1		6020A	Total Recoverable
Lead, Dissolved	0.0010	J	0.0015	0.00020	mg/L	1		6020A	Dissolved

Client Sample ID: MW-35S — Lab Sample ID: 640-47167-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	2.1		0.0050	0.0013	mg/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-35S (Continued) — Lab Sample ID: 640-47167-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.015		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.010		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Mercury	0.00025		0.00020	0.000091	mg/L	1		7470A	Total/NA

Client Sample ID: MW-36S — Lab Sample ID: 640-47167-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.0016		0.0015	0.00020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-37S — Lab Sample ID: 640-47167-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0024	J	0.0025	0.0013	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-38S — Lab Sample ID: 640-47167-50

No Detections.

Client Sample ID: MW-39S — Lab Sample ID: 640-47167-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0031		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Barium	0.060		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0013		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Lead	0.0058		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.012		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	0.052		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-40S — Lab Sample ID: 640-47167-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.00057	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-41S — Lab Sample ID: 640-47167-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.013		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0046		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Cadmium	0.0023		0.00050	0.000095	mg/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-41S (Continued) — Lab Sample ID: 640-47167-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.033		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.032		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Thallium	0.0012		0.0010	0.00050	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-42S — Lab Sample ID: 640-47167-54

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.031		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Barium	0.0032	J	0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.00064		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Cadmium	0.0025		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Nickel	0.054		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	3.0		0.020	0.0083	mg/L	1		6020A	Total Recoverable
Arsenic, Dissolved	0.034		0.0025	0.0013	mg/L	1		6020A	Dissolved
Beryllium, Dissolved	0.00045	J	0.00050	0.00025	mg/L	1		6020A	Dissolved
Cadmium, Dissolved	0.0024		0.00050	0.000095	mg/L	1		6020A	Dissolved
Nickel, Dissolved	0.059		0.0050	0.0020	mg/L	1		6020A	Dissolved
Zinc, Dissolved	2.8		0.020	0.0083	mg/L	1		6020A	Dissolved

Client Sample ID: MW-43S — Lab Sample ID: 640-47167-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.010		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Cadmium	0.0016		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Nickel	0.030		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	0.16		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-44S — Lab Sample ID: 640-47167-56

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	0.0036	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-45S — Lab Sample ID: 640-47167-57

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.015		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Nickel	0.0062		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-46S — Lab Sample ID: 640-47167-58

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.00031	J	0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Lead	0.0031		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0080		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	0.052		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-47S — Lab Sample ID: 640-47167-59

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.052		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.00036	J	0.00050	0.00025	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-48S — Lab Sample ID: 640-47167-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0014	J	0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Barium	4.3		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0079		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Cadmium	0.00065		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Copper	0.023		0.0050	0.0011	mg/L	1		6020A	Total Recoverable
Lead	0.031		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.026		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Thallium	0.00067	J	0.0010	0.00050	mg/L	1		6020A	Total Recoverable
Zinc	0.11		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-49S — Lab Sample ID: 640-47167-61

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.054		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.00030	J	0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Copper	0.0051		0.0050	0.0011	mg/L	1		6020A	Total Recoverable
Lead	0.0019		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0020	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	0.021		0.020	0.0083	mg/L	1		6020A	Total Recoverable
Barium, Dissolved	0.037		0.0050	0.0013	mg/L	1		6020A	Dissolved
Copper, Dissolved	0.0035	J	0.0050	0.0011	mg/L	1		6020A	Dissolved

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-49S (Continued) — Lab Sample ID: 640-47167-61

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead, Dissolved	0.0014	J	0.0015	0.00020	mg/L	1		6020A	Dissolved
Zinc, Dissolved	0.016	J	0.020	0.0083	mg/L	1		6020A	Dissolved

Client Sample ID: FFFW-1-R — Lab Sample ID: 640-47167-62

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0023	J	0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Lead	0.0011	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable

Client Sample ID: FFFW-2-R — Lab Sample ID: 640-47167-63

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.022		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Barium	4.1		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.074		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Cadmium	0.0042		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Lead	0.39		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.12		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Thallium	0.0015		0.0010	0.00050	mg/L	1		6020A	Total Recoverable
Zinc	0.26		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: FFFW-2I — Lab Sample ID: 640-47167-64

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	0.0060		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: FFFW-3-R — Lab Sample ID: 640-47167-65

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.012		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Nickel	0.057		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: FFFW-4-R — Lab Sample ID: 640-47167-66

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0042		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.00040	J	0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Lead	0.011		0.0015	0.00020	mg/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: FFFW-4-R (Continued) — Lab Sample ID: 640-47167-66

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	0.011		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Arsenic, Dissolved	0.0045		0.0025	0.0013	mg/L	1		6020A	Dissolved
Beryllium, Dissolved	0.00036	J	0.00050	0.00025	mg/L	1		6020A	Dissolved
Lead, Dissolved	0.010		0.0015	0.00020	mg/L	1		6020A	Dissolved
Nickel, Dissolved	0.011		0.0050	0.0020	mg/L	1		6020A	Dissolved

Client Sample ID: MW-TP1S — Lab Sample ID: 640-47167-67

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.0096		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.013		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-TP1I — Lab Sample ID: 640-47167-68

No Detections.

Client Sample ID: MW-TP2S — Lab Sample ID: 640-47167-69

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0015	J	0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Lead	0.0023		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0033	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-TP3S — Lab Sample ID: 640-47167-70

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.0015		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0044	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-TP4S — Lab Sample ID: 640-47167-71

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.19		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.00065		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Lead	0.0042		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0041	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-TP5S — Lab Sample ID: 640-47167-72

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.14		0.0025	0.0013	mg/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-TP5S (Continued) — Lab Sample ID: 640-47167-72

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	51		0.10	0.026	mg/L	20		6020A	Total Recoverable
Beryllium	0.32		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Cadmium	0.016		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Lead	1.7		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.63		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Selenium	0.062		0.0025	0.0010	mg/L	1		6020A	Total Recoverable
Thallium	0.0039		0.0010	0.00050	mg/L	1		6020A	Total Recoverable
Zinc	1.9		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-TP5I — Lab Sample ID: 640-47167-73

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0017	J	0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Lead	0.0025		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0034	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	0.011	J	0.020	0.0083	mg/L	1		6020A	Total Recoverable
Arsenic, Dissolved	0.0013	J	0.0025	0.0013	mg/L	1		6020A	Dissolved
Lead, Dissolved	0.0011	J	0.0015	0.00020	mg/L	1		6020A	Dissolved

Client Sample ID: DUP-1 — Lab Sample ID: 640-47167-74

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0050		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0041		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Cadmium	0.0060		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Lead	0.0017		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.12		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	0.88		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: DUP-2 — Lab Sample ID: 640-47167-75

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0034		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Barium	1.5		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0029		0.00050	0.00025	mg/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: DUP-2 (Continued) — Lab Sample ID: 640-47167-75

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	0.014		0.0050	0.0011	mg/L	1		6020A	Total Recoverable
Lead	0.046		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0098		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Mercury	0.0013		0.00020	0.000091	mg/L	1		7470A	Total/NA

Client Sample ID: DUP-3 — Lab Sample ID: 640-47167-76

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.041		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Barium	0.021		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0053		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Cadmium	0.0014		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Copper	0.21		0.0050	0.0011	mg/L	1		6020A	Total Recoverable
Lead	0.029		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.081		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Selenium	0.016		0.0025	0.0010	mg/L	1		6020A	Total Recoverable
Zinc	0.38		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: DUP-4 — Lab Sample ID: 640-47167-77

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.15		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Barium	48		0.10	0.026	mg/L	20		6020A	Total Recoverable
Beryllium	0.34		0.010	0.0050	mg/L	20		6020A	Total Recoverable
Cadmium	0.016		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Lead	1.7		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.63		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Selenium	0.068		0.0025	0.0010	mg/L	1		6020A	Total Recoverable
Thallium	0.0038		0.0010	0.00050	mg/L	1		6020A	Total Recoverable

Client Sample ID: DUP-5 — Lab Sample ID: 640-47167-78

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.00044	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: DUP-5 (Continued) — Lab Sample ID: 640-47167-78

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	0.0033	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: DUP-6 — Lab Sample ID: 640-47167-79

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.19		0.0050	0.0026	mg/L	2		6020A	Total Recoverable
Barium	1.3		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.039		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Cadmium	0.0064		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Copper	0.38		0.025	0.0055	mg/L	5		6020A	Total Recoverable
Lead	0.080		0.015	0.0020	mg/L	10		6020A	Total Recoverable
Nickel	0.27		0.025	0.010	mg/L	5		6020A	Total Recoverable
Selenium	0.096		0.0050	0.0020	mg/L	2		6020A	Total Recoverable
Zinc	1.3		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: DUP-7 — Lab Sample ID: 640-47167-80

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.078		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Barium	0.16		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.023		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Cadmium	0.0077		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Lead	0.10		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.13		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Thallium	0.0012		0.0010	0.00050	mg/L	1		6020A	Total Recoverable

Client Sample ID: EQ-1 — Lab Sample ID: 640-47167-81

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0015	J	0.0050	0.0013	mg/L	1		6020A	Total Recoverable

Client Sample ID: EQ-2 — Lab Sample ID: 640-47167-82

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: EQ-3 **Lab Sample ID: 640-47167-83**

No Detections.

This Detection Summary does not include radiochemical test results.

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-1S-R
Date Collected: 03/10/14 17:50
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-1
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 09:49	03/20/14 20:37	1
Lead	**0.00086**	**J**	0.0015	0.00020	mg/L		03/17/14 09:49	03/20/14 20:37	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		03/17/14 09:49	03/20/14 20:37	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-1S-R-F
Date Collected: 03/10/14 17:50
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-2
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0013	U	0.0025	0.0013	mg/L		03/17/14 09:49	03/20/14 20:44	1
Lead, Dissolved	**0.00055**	**J**	0.0015	0.00020	mg/L		03/17/14 09:49	03/20/14 20:44	1
Nickel, Dissolved	0.0020	U	0.0050	0.0020	mg/L		03/17/14 09:49	03/20/14 20:44	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-1I-R
Date Collected: 03/10/14 17:17
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-3
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 09:49	03/20/14 20:51	1
Lead	**0.0018**		0.0015	0.00020	mg/L		03/17/14 09:49	03/20/14 20:51	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		03/17/14 09:49	03/20/14 20:51	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-2S
Date Collected: 03/04/14 16:32
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-4
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0021	J	0.0025	0.0013	mg/L		03/17/14 09:49	03/20/14 20:58	1
Barium	0.042		0.0050	0.0013	mg/L		03/17/14 09:49	03/20/14 20:58	1
Lead	0.0031		0.0015	0.00020	mg/L		03/17/14 09:49	03/20/14 20:58	1
Nickel	0.0083		0.0050	0.0020	mg/L		03/17/14 09:49	03/20/14 20:58	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-2I
Date Collected: 03/04/14 16:08
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-5
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 09:49	03/20/14 21:05	1
Lead	**0.0020**		0.0015	0.00020	mg/L		03/17/14 09:49	03/20/14 21:05	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		03/17/14 09:49	03/20/14 21:05	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-3S
Date Collected: 03/05/14 11:35
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-6
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.049		0.0025	0.0013	mg/L		03/17/14 09:49	03/20/14 21:12	1
Barium	0.023		0.0050	0.0013	mg/L		03/17/14 09:49	03/20/14 21:12	1
Beryllium	0.0074		0.00050	0.00025	mg/L		03/17/14 09:49	03/20/14 21:12	1
Cadmium	0.0012		0.00050	0.000095	mg/L		03/17/14 09:49	03/20/14 21:12	1
Copper	0.23		0.0050	0.0011	mg/L		03/17/14 09:49	03/20/14 21:12	1
Lead	0.033		0.0015	0.00020	mg/L		03/17/14 09:49	03/20/14 21:12	1
Nickel	0.088		0.0050	0.0020	mg/L		03/17/14 09:49	03/20/14 21:12	1
Selenium	0.0073		0.0025	0.0010	mg/L		03/17/14 09:49	03/20/14 21:12	1
Zinc	0.43		0.020	0.0083	mg/L		03/17/14 09:49	03/20/14 21:12	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-3I
Date Collected: 03/04/14 10:48
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-7
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 09:49	03/20/14 21:18	1
Barium	**0.11**		0.0050	0.0013	mg/L		03/17/14 09:49	03/20/14 21:18	1
Beryllium	**0.00050**		0.00050	0.00025	mg/L		03/17/14 09:49	03/20/14 21:18	1
Lead	**0.0020**		0.0015	0.00020	mg/L		03/17/14 09:49	03/20/14 21:18	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		03/17/14 09:49	03/20/14 21:18	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-4S
Date Collected: 03/05/14 14:23
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-8
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.21**		0.0025	0.0013	mg/L		03/17/14 09:49	03/20/14 21:25	1
Beryllium	0.00025	U	0.00050	0.00025	mg/L		03/17/14 09:49	03/20/14 21:25	1
Cadmium	**0.0034**		0.00050	0.000095	mg/L		03/17/14 09:49	03/20/14 21:25	1
Copper	**0.065**		0.0050	0.0011	mg/L		03/17/14 09:49	03/20/14 21:25	1
Lead	**0.00096**	**J**	0.0015	0.00020	mg/L		03/17/14 09:49	03/20/14 21:25	1
Nickel	**0.10**		0.0050	0.0020	mg/L		03/17/14 09:49	03/20/14 21:25	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-5S-R
Date Collected: 03/10/14 11:10
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-9
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0019**	**J**	0.0025	0.0013	mg/L		03/17/14 09:49	03/20/14 21:46	1
Beryllium	0.00025	U	0.00050	0.00025	mg/L		03/17/14 09:49	03/20/14 21:46	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		03/17/14 09:49	03/20/14 21:46	1
Lead	**0.00041**	**J**	0.0015	0.00020	mg/L		03/17/14 09:49	03/20/14 21:46	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		03/17/14 09:49	03/20/14 21:46	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-6S-R
Date Collected: 03/04/14 16:00
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-10
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0049		0.0025	0.0013	mg/L		03/17/14 09:49	03/20/14 21:52	1
Beryllium	0.0052		0.00050	0.00025	mg/L		03/17/14 09:49	03/20/14 21:52	1
Cadmium	0.0059		0.00050	0.000095	mg/L		03/17/14 09:49	03/20/14 21:52	1
Lead	0.0018		0.0015	0.00020	mg/L		03/17/14 09:49	03/20/14 21:52	1
Nickel	0.11		0.0050	0.0020	mg/L		03/17/14 09:49	03/20/14 21:52	1
Zinc	0.91		0.020	0.0083	mg/L		03/17/14 09:49	03/20/14 21:52	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-6I
Date Collected: 03/11/14 10:26
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-11
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 09:49	03/20/14 21:59	1
Lead	**0.0035**		0.0015	0.00020	mg/L		03/17/14 09:49	03/20/14 21:59	1
Nickel	**0.0036**	**J**	0.0050	0.0020	mg/L		03/17/14 09:49	03/20/14 21:59	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-7S-R
Date Collected: 03/05/14 15:47
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-12
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0043		0.0025	0.0013	mg/L		03/17/14 09:49	03/20/14 22:06	1
Beryllium	0.0051		0.00050	0.00025	mg/L		03/17/14 09:49	03/20/14 22:06	1
Lead	0.0021		0.0015	0.00020	mg/L		03/17/14 09:49	03/20/14 22:06	1
Nickel	0.12		0.0050	0.0020	mg/L		03/17/14 09:49	03/20/14 22:06	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-7S-R-F
Date Collected: 03/05/14 15:47
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-13
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0042		0.0025	0.0013	mg/L		03/17/14 09:49	03/20/14 22:13	1
Beryllium, Dissolved	0.0052		0.00050	0.00025	mg/L		03/17/14 09:49	03/20/14 22:13	1
Lead, Dissolved	0.0016		0.0015	0.00020	mg/L		03/17/14 09:49	03/20/14 22:13	1
Nickel, Dissolved	0.12		0.0050	0.0020	mg/L		03/17/14 09:49	03/20/14 22:13	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-7I
Date Collected: 03/11/14 14:00
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-14
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0079		0.0025	0.0013	mg/L		03/17/14 09:49	03/20/14 22:20	1
Barium	2.7		0.0050	0.0013	mg/L		03/17/14 09:49	03/20/14 22:20	1
Beryllium	0.0057		0.00050	0.00025	mg/L		03/17/14 09:49	03/20/14 22:20	1
Lead	0.052		0.0015	0.00020	mg/L		03/17/14 09:49	03/20/14 22:20	1
Nickel	0.015		0.0050	0.0020	mg/L		03/17/14 09:49	03/20/14 22:20	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-7I-F
Date Collected: 03/11/14 14:00
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-15
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0081		0.0025	0.0013	mg/L		03/17/14 10:19	03/21/14 04:02	1
Barium, Dissolved	2.8		0.0050	0.0013	mg/L		03/17/14 10:19	03/21/14 04:02	1
Beryllium, Dissolved	0.0058		0.00050	0.00025	mg/L		03/17/14 10:19	03/21/14 04:02	1
Lead, Dissolved	0.053		0.0015	0.00020	mg/L		03/17/14 10:19	03/21/14 04:02	1
Nickel, Dissolved	0.016		0.0050	0.0020	mg/L		03/17/14 10:19	03/21/14 04:02	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-8I
Date Collected: 03/04/14 14:03
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-16
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	J	0.0025	0.0013	mg/L		03/17/14 10:19	03/21/14 04:36	1
Lead	0.010		0.0015	0.00020	mg/L		03/17/14 10:19	03/21/14 04:36	1
Nickel	0.0033	J	0.0050	0.0020	mg/L		03/17/14 10:19	03/21/14 04:36	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-9S-R
Date Collected: 03/05/14 13:39
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-17
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.043		0.0025	0.0013	mg/L		03/17/14 10:19	03/21/14 04:42	1
Lead	0.029		0.0015	0.00020	mg/L		03/17/14 10:19	03/21/14 04:42	1
Nickel	0.011		0.0050	0.0020	mg/L		03/17/14 10:19	03/21/14 04:42	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-10S-R
Date Collected: 03/10/14 14:14
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-18
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0016**	**J**	0.0025	0.0013	mg/L		03/17/14 10:19	03/21/14 04:49	1
Beryllium	0.00025	U	0.00050	0.00025	mg/L		03/17/14 10:19	03/21/14 04:49	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		03/17/14 10:19	03/21/14 04:49	1
Lead	**0.00043**	**J**	0.0015	0.00020	mg/L		03/17/14 10:19	03/21/14 04:49	1
Nickel	**0.0023**	**J**	0.0050	0.0020	mg/L		03/17/14 10:19	03/21/14 04:49	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-10I
Date Collected: 03/10/14 15:02
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-19
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:19	03/21/14 05:10	1
Lead	0.00020	U	0.0015	0.00020	mg/L		03/17/14 10:19	03/21/14 05:10	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		03/17/14 10:19	03/21/14 05:10	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-11S
Date Collected: 03/07/14 14:28
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-20
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0030		0.0025	0.0013	mg/L		03/17/14 10:19	03/21/14 05:17	1
Lead	0.00084	J	0.0015	0.00020	mg/L		03/17/14 10:19	03/21/14 05:17	1
Nickel	0.0035	J	0.0050	0.0020	mg/L		03/17/14 10:19	03/21/14 05:17	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-12S
Date Collected: 03/11/14 13:39
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-21
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.24		0.0025	0.0013	mg/L		03/17/14 10:19	03/21/14 05:23	1
Barium	1.3		0.0050	0.0013	mg/L		03/17/14 10:19	03/21/14 05:23	1
Beryllium	0.044		0.00050	0.00025	mg/L		03/17/14 10:19	03/21/14 05:23	1
Cadmium	0.0023		0.00050	0.000095	mg/L		03/17/14 10:19	03/21/14 05:23	1
Copper	0.30		0.010	0.0022	mg/L		03/17/14 10:19	03/21/14 11:33	2
Lead	0.050		0.0030	0.00040	mg/L		03/17/14 10:19	03/21/14 11:33	2
Nickel	0.21		0.010	0.0040	mg/L		03/17/14 10:19	03/21/14 11:33	2
Selenium	0.038		0.0025	0.0010	mg/L		03/17/14 10:19	03/21/14 05:23	1
Thallium	0.0019	J	0.0020	0.0010	mg/L		03/17/14 10:19	03/21/14 11:33	2
Zinc	1.3		0.020	0.0083	mg/L		03/17/14 10:19	03/21/14 05:23	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-12I
Date Collected: 03/11/14 13:17
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-22
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:19	03/21/14 05:30	1
Barium	**0.53**		0.0050	0.0013	mg/L		03/17/14 10:19	03/21/14 05:30	1
Beryllium	**0.0020**		0.00050	0.00025	mg/L		03/17/14 10:19	03/21/14 05:30	1
Lead	**0.0069**		0.0015	0.00020	mg/L		03/17/14 10:19	03/21/14 05:30	1
Nickel	**0.0090**		0.0050	0.0020	mg/L		03/17/14 10:19	03/21/14 05:30	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-13S-R
Date Collected: 03/07/14 11:15
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-23
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:19	03/21/14 05:37	1
Lead	0.00020	U	0.0015	0.00020	mg/L		03/17/14 10:19	03/21/14 05:37	1
Nickel	**0.0035**	**J**	0.0050	0.0020	mg/L		03/17/14 10:19	03/21/14 05:37	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-13I
Date Collected: 03/10/14 17:40
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-24
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:19	03/21/14 05:44	1
Lead	**0.00047**	**J**	0.0015	0.00020	mg/L		03/17/14 10:19	03/21/14 05:44	1
Nickel	**0.0022**	**J**	0.0050	0.0020	mg/L		03/17/14 10:19	03/21/14 05:44	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-15S
Date Collected: 03/11/14 13:02
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-25
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.054		0.0025	0.0013	mg/L		03/17/14 10:19	03/21/14 05:51	1
Beryllium	0.0053		0.00050	0.00025	mg/L		03/17/14 10:19	03/21/14 05:51	1
Lead	0.029		0.0015	0.00020	mg/L		03/17/14 10:19	03/21/14 05:51	1
Nickel	0.043		0.0050	0.0020	mg/L		03/17/14 10:19	03/21/14 05:51	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-18S
Date Collected: 03/07/14 09:29
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-26
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:19	03/21/14 05:57	1
Barium	**0.31**		0.0050	0.0013	mg/L		03/17/14 10:19	03/21/14 05:57	1
Beryllium	**0.0014**		0.00050	0.00025	mg/L		03/17/14 10:19	03/21/14 05:57	1
Cadmium	**0.00050**		0.00050	0.000095	mg/L		03/17/14 10:19	03/21/14 05:57	1
Copper	**0.0016**	**J**	0.0050	0.0011	mg/L		03/17/14 10:19	03/21/14 05:57	1
Lead	0.00020	U	0.0015	0.00020	mg/L		03/17/14 10:19	03/21/14 05:57	1
Nickel	**0.014**		0.0050	0.0020	mg/L		03/17/14 10:19	03/21/14 05:57	1
Thallium	0.00050	U	0.0010	0.00050	mg/L		03/17/14 10:19	03/21/14 05:57	1
Zinc	**0.13**		0.020	0.0083	mg/L		03/17/14 10:19	03/21/14 05:57	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-19S
Date Collected: 03/05/14 14:45
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-27
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.013		0.0025	0.0013	mg/L		03/17/14 10:19	03/21/14 06:04	1
Cadmium	0.0054		0.00050	0.000095	mg/L		03/17/14 10:19	03/21/14 06:04	1
Lead	0.0010	J	0.0015	0.00020	mg/L		03/17/14 10:19	03/21/14 06:04	1
Nickel	0.042		0.0050	0.0020	mg/L		03/17/14 10:19	03/21/14 06:04	1
Zinc	3.6		0.020	0.0083	mg/L		03/17/14 10:19	03/21/14 06:04	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-20S
Date Collected: 03/05/14 10:11
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-28
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:19	03/21/14 06:11	1
Lead	0.00020	U	0.0015	0.00020	mg/L		03/17/14 10:19	03/21/14 06:11	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		03/17/14 10:19	03/21/14 06:11	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-21S
Date Collected: 03/11/14 16:18
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-29
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0050**		0.0025	0.0013	mg/L		03/17/14 10:19	03/21/14 06:31	1
Beryllium	0.00025	U	0.00050	0.00025	mg/L		03/17/14 10:19	03/21/14 06:31	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		03/17/14 10:19	03/21/14 06:31	1
Lead	**0.00051**	**J**	0.0015	0.00020	mg/L		03/17/14 10:19	03/21/14 06:31	1
Nickel	**0.014**		0.0050	0.0020	mg/L		03/17/14 10:19	03/21/14 06:31	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-22S
Date Collected: 03/07/14 13:47
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-30
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0016**	**J**	0.0025	0.0013	mg/L		03/17/14 10:19	03/21/14 06:38	1
Lead	0.00020	U	0.0015	0.00020	mg/L		03/17/14 10:19	03/21/14 06:38	1
Nickel	**0.0023**	**J**	0.0050	0.0020	mg/L		03/17/14 10:19	03/21/14 06:38	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-23S
Date Collected: 03/04/14 15:24
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-31
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:19	03/21/14 06:45	1
Barium	**0.28**		0.0050	0.0013	mg/L		03/17/14 10:19	03/21/14 06:45	1
Beryllium	**0.0016**		0.00050	0.00025	mg/L		03/17/14 10:19	03/21/14 06:45	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		03/17/14 10:19	03/21/14 06:45	1
Lead	**0.0042**		0.0015	0.00020	mg/L		03/17/14 10:19	03/21/14 06:45	1
Nickel	**0.0049**	**J**	0.0050	0.0020	mg/L		03/17/14 10:19	03/21/14 06:45	1
Thallium	0.00050	U	0.0010	0.00050	mg/L		03/17/14 10:19	03/21/14 06:45	1
Zinc	**0.022**		0.020	0.0083	mg/L		03/17/14 10:19	03/21/14 06:45	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-24S
Date Collected: 03/05/14 17:57
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-32
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:19	03/21/14 06:52	1
Lead	**0.0052**		0.0015	0.00020	mg/L		03/17/14 10:19	03/21/14 06:52	1
Nickel	**0.0055**		0.0050	0.0020	mg/L		03/17/14 10:19	03/21/14 06:52	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-25S
Date Collected: 03/04/14 11:54
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-33
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:19	03/21/14 06:59	1
Lead	**0.0011**	**J**	0.0015	0.00020	mg/L		03/17/14 10:19	03/21/14 06:59	1
Nickel	**0.0044**	**J**	0.0050	0.0020	mg/L		03/17/14 10:19	03/21/14 06:59	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-26S
Date Collected: 03/05/14 10:32
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-34
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:19	03/21/14 07:06	1
Lead	**0.0034**		0.0015	0.00020	mg/L		03/17/14 10:19	03/21/14 07:06	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		03/17/14 10:19	03/21/14 07:06	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-27S-R
Date Collected: 03/07/14 12:46
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-35
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0023	J	0.0025	0.0013	mg/L		03/17/14 10:33	03/21/14 07:47	1
Lead	0.0012	J	0.0015	0.00020	mg/L		03/17/14 10:33	03/21/14 07:47	1
Nickel	0.016		0.0050	0.0020	mg/L		03/17/14 10:33	03/21/14 07:47	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-28S
Date Collected: 03/11/14 18:45
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-36
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0026		0.0025	0.0013	mg/L		03/17/14 10:33	03/21/14 08:21	1
Barium	2.9		0.0050	0.0013	mg/L		03/17/14 10:33	03/21/14 08:21	1
Beryllium	0.0078		0.00050	0.00025	mg/L		03/17/14 10:33	03/21/14 08:21	1
Lead	0.0024		0.0015	0.00020	mg/L		03/17/14 10:33	03/21/14 08:21	1
Nickel	0.030		0.0050	0.0020	mg/L		03/17/14 10:33	03/21/14 08:21	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-28S-F
Date Collected: 03/11/14 18:45
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-37
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0020	J	0.0025	0.0013	mg/L		03/17/14 10:33	03/21/14 08:27	1
Barium, Dissolved	2.5		0.0050	0.0013	mg/L		03/17/14 10:33	03/21/14 08:27	1
Beryllium, Dissolved	0.0068		0.00050	0.00025	mg/L		03/17/14 10:33	03/21/14 08:27	1
Lead, Dissolved	0.0017		0.0015	0.00020	mg/L		03/17/14 10:33	03/21/14 08:27	1
Nickel, Dissolved	0.026		0.0050	0.0020	mg/L		03/17/14 10:33	03/21/14 08:27	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-29S
Date Collected: 03/12/14 14:39
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-38
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0027		0.0025	0.0013	mg/L		03/17/14 10:33	03/21/14 08:34	1
Barium	1.1		0.0050	0.0013	mg/L		03/17/14 10:33	03/21/14 08:34	1
Beryllium	0.0026		0.00050	0.00025	mg/L		03/17/14 10:33	03/21/14 08:34	1
Copper	0.012		0.0050	0.0011	mg/L		03/17/14 10:33	03/21/14 08:34	1
Lead	0.040		0.0015	0.00020	mg/L		03/17/14 10:33	03/21/14 08:34	1
Nickel	0.0080		0.0050	0.0020	mg/L		03/17/14 10:33	03/21/14 08:34	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0013		0.00020	0.000091	mg/L		03/17/14 12:56	03/18/14 13:44	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-30S
Date Collected: 03/12/14 14:50
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-39
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:33	03/21/14 08:55	1
Barium	**2.0**		0.0050	0.0013	mg/L		03/17/14 10:33	03/21/14 08:55	1
Beryllium	**0.0027**		0.00050	0.00025	mg/L		03/17/14 10:33	03/21/14 08:55	1
Copper	**0.0056**		0.0050	0.0011	mg/L		03/17/14 10:33	03/21/14 08:55	1
Lead	**0.0099**		0.0015	0.00020	mg/L		03/17/14 10:33	03/21/14 08:55	1
Nickel	**0.0093**		0.0050	0.0020	mg/L		03/17/14 10:33	03/21/14 08:55	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-31S
Date Collected: 03/12/14 12:30
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-40
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:33	03/21/14 09:02	1
Barium	**0.083**		0.0050	0.0013	mg/L		03/17/14 10:33	03/21/14 09:02	1
Beryllium	**0.00035**	**J**	0.00050	0.00025	mg/L		03/17/14 10:33	03/21/14 09:02	1
Lead	**0.00098**	**J**	0.0015	0.00020	mg/L		03/17/14 10:33	03/21/14 09:02	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		03/17/14 10:33	03/21/14 09:02	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-31S-F
Date Collected: 03/12/14 12:30
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-41
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:33	03/21/14 09:08	1
Barium, Dissolved	**0.085**		0.0050	0.0013	mg/L		03/17/14 10:33	03/21/14 09:08	1
Beryllium, Dissolved	**0.00038**	**J**	0.00050	0.00025	mg/L		03/17/14 10:33	03/21/14 09:08	1
Lead, Dissolved	**0.00089**	**J**	0.0015	0.00020	mg/L		03/17/14 10:33	03/21/14 09:08	1
Nickel, Dissolved	0.0020	U	0.0050	0.0020	mg/L		03/17/14 10:33	03/21/14 09:08	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-32S-R
Date Collected: 03/11/14 11:02
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-42
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0023	J	0.0025	0.0013	mg/L		03/17/14 10:33	03/21/14 09:15	1
Lead	0.00039	J	0.0015	0.00020	mg/L		03/17/14 10:33	03/21/14 09:15	1
Nickel	0.019		0.0050	0.0020	mg/L		03/17/14 10:33	03/21/14 09:15	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-32I
Date Collected: 03/11/14 11:17
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-43
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.083		0.0025	0.0013	mg/L		03/17/14 10:33	03/21/14 09:22	1
Barium	0.37		0.0050	0.0013	mg/L		03/17/14 10:33	03/21/14 09:22	1
Beryllium	0.023		0.00050	0.00025	mg/L		03/17/14 10:33	03/21/14 09:22	1
Cadmium	0.0055		0.00050	0.000095	mg/L		03/17/14 10:33	03/21/14 09:22	1
Lead	0.11		0.0030	0.00040	mg/L		03/17/14 10:33	03/21/14 12:00	2
Nickel	0.13		0.0050	0.0020	mg/L		03/17/14 10:33	03/21/14 09:22	1
Thallium	0.0014	J	0.0020	0.0010	mg/L		03/17/14 10:33	03/21/14 12:00	2

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-33S
Date Collected: 03/05/14 12:46
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-44
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:33	03/21/14 09:29	1
Lead	**0.0018**		0.0015	0.00020	mg/L		03/17/14 10:33	03/21/14 09:29	1
Nickel	**0.0029**	**J**	0.0050	0.0020	mg/L		03/17/14 10:33	03/21/14 09:29	1
Zinc	**0.089**		0.020	0.0083	mg/L		03/17/14 10:33	03/21/14 09:29	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-34S
Date Collected: 03/05/14 16:11
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-45
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0088		0.0025	0.0013	mg/L		03/17/14 10:33	03/21/14 09:36	1
Cadmium	0.0074		0.0010	0.00019	mg/L		03/17/14 10:33	03/21/14 12:07	2
Lead	0.00041	J	0.0015	0.00020	mg/L		03/17/14 10:33	03/21/14 09:36	1
Nickel	0.058		0.0050	0.0020	mg/L		03/17/14 10:33	03/21/14 09:36	1
Zinc	1.5		0.020	0.0083	mg/L		03/17/14 10:33	03/21/14 09:36	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-34I
Date Collected: 03/05/14 15:52
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-46
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0013**	**J**	0.0025	0.0013	mg/L		03/17/14 10:33	03/21/14 09:49	1
Lead	**0.0042**		0.0015	0.00020	mg/L		03/17/14 10:33	03/21/14 09:49	1
Nickel	**0.0054**		0.0050	0.0020	mg/L		03/17/14 10:33	03/21/14 09:49	1
Zinc	**0.019**	**J**	0.020	0.0083	mg/L		03/17/14 10:33	03/21/14 09:49	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:33	03/21/14 09:43	1
Lead, Dissolved	**0.0010**	**J**	0.0015	0.00020	mg/L		03/17/14 10:33	03/21/14 09:43	1
Nickel, Dissolved	0.0020	U	0.0050	0.0020	mg/L		03/17/14 10:33	03/21/14 09:43	1
Zinc, Dissolved	0.0083	U	0.020	0.0083	mg/L		03/17/14 10:33	03/21/14 09:43	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-35S
Date Collected: 03/11/14 16:30
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-47
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:33	03/21/14 09:56	1
Barium	**2.1**		0.0050	0.0013	mg/L		03/17/14 10:33	03/21/14 09:56	1
Lead	**0.015**		0.0015	0.00020	mg/L		03/17/14 10:33	03/21/14 09:56	1
Nickel	**0.010**		0.0050	0.0020	mg/L		03/17/14 10:33	03/21/14 09:56	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00025**		0.00020	0.000091	mg/L		03/17/14 12:56	03/18/14 13:38	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-36S
Date Collected: 03/07/14 09:48
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-48
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:33	03/21/14 10:17	1
Beryllium	0.00025	U	0.00050	0.00025	mg/L		03/17/14 10:33	03/21/14 10:17	1
Lead	**0.0016**		0.0015	0.00020	mg/L		03/17/14 10:33	03/21/14 10:17	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		03/17/14 10:33	03/21/14 10:17	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-37S
Date Collected: 03/05/14 17:36
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-49
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0024**	**J**	0.0025	0.0013	mg/L		03/17/14 10:33	03/21/14 10:31	1
Lead	0.00020	U	0.0015	0.00020	mg/L		03/17/14 10:33	03/21/14 10:31	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		03/17/14 10:33	03/21/14 10:31	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-38S
Date Collected: 03/07/14 15:58
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-50
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:33	03/21/14 10:37	1
Lead	0.00020	U	0.0015	0.00020	mg/L		03/17/14 10:33	03/21/14 10:37	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		03/17/14 10:33	03/21/14 10:37	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-39S
Date Collected: 03/11/14 10:46
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-51
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0031		0.0025	0.0013	mg/L		03/17/14 10:33	03/21/14 10:44	1
Barium	0.060		0.0050	0.0013	mg/L		03/17/14 10:33	03/21/14 10:44	1
Beryllium	0.0013		0.00050	0.00025	mg/L		03/17/14 10:33	03/21/14 10:44	1
Lead	0.0058		0.0015	0.00020	mg/L		03/17/14 10:33	03/21/14 10:44	1
Nickel	0.012		0.0050	0.0020	mg/L		03/17/14 10:33	03/21/14 10:44	1
Zinc	0.052		0.020	0.0083	mg/L		03/17/14 10:33	03/21/14 10:44	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-40S
Date Collected: 03/11/14 18:51
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-52
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:33	03/21/14 10:51	1
Beryllium	0.00025	U	0.00050	0.00025	mg/L		03/17/14 10:33	03/21/14 10:51	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		03/17/14 10:33	03/21/14 10:51	1
Lead	**0.00057**	**J**	0.0015	0.00020	mg/L		03/17/14 10:33	03/21/14 10:51	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		03/17/14 10:33	03/21/14 10:51	1
Thallium	0.00050	U	0.0010	0.00050	mg/L		03/17/14 10:33	03/21/14 10:51	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-41S
Date Collected: 03/11/14 15:34
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-53
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.013		0.0025	0.0013	mg/L		03/17/14 10:33	03/21/14 10:58	1
Beryllium	0.0046		0.00050	0.00025	mg/L		03/17/14 10:33	03/21/14 10:58	1
Cadmium	0.0023		0.00050	0.000095	mg/L		03/17/14 10:33	03/21/14 10:58	1
Lead	0.033		0.0015	0.00020	mg/L		03/17/14 10:33	03/21/14 10:58	1
Nickel	0.032		0.0050	0.0020	mg/L		03/17/14 10:33	03/21/14 10:58	1
Thallium	0.0012		0.0010	0.00050	mg/L		03/17/14 10:33	03/21/14 10:58	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-42S
Date Collected: 03/04/14 17:07
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-54
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.031**		0.0025	0.0013	mg/L		03/17/14 10:48	03/21/14 08:13	1
Barium	**0.0032**	**J**	0.0050	0.0013	mg/L		03/17/14 10:48	03/21/14 08:13	1
Beryllium	**0.00064**		0.00050	0.00025	mg/L		03/17/14 10:48	03/21/14 21:51	1
Cadmium	**0.0025**		0.00050	0.000095	mg/L		03/17/14 10:48	03/21/14 08:13	1
Lead	0.00020	U	0.0015	0.00020	mg/L		03/17/14 10:48	03/21/14 08:13	1
Nickel	**0.054**		0.0050	0.0020	mg/L		03/17/14 10:48	03/21/14 08:13	1
Zinc	**3.0**		0.020	0.0083	mg/L		03/17/14 10:48	03/21/14 08:13	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.034**		0.0025	0.0013	mg/L		03/17/14 10:48	03/21/14 08:06	1
Barium, Dissolved	0.0013	U	0.0050	0.0013	mg/L		03/17/14 10:48	03/21/14 08:06	1
Beryllium, Dissolved	**0.00045**	**J**	0.00050	0.00025	mg/L		03/17/14 10:48	03/21/14 21:44	1
Cadmium, Dissolved	**0.0024**		0.00050	0.000095	mg/L		03/17/14 10:48	03/21/14 08:06	1
Lead, Dissolved	0.00020	U	0.0015	0.00020	mg/L		03/17/14 10:48	03/21/14 08:06	1
Nickel, Dissolved	**0.059**		0.0050	0.0020	mg/L		03/17/14 10:48	03/21/14 08:06	1
Zinc, Dissolved	**2.8**		0.020	0.0083	mg/L		03/17/14 10:48	03/21/14 08:06	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-43S
Date Collected: 03/07/14 10:05
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-55
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.010**		0.0025	0.0013	mg/L		03/17/14 10:48	03/21/14 08:21	1
Cadmium	**0.0016**		0.00050	0.000095	mg/L		03/17/14 10:48	03/21/14 08:21	1
Lead	0.00020	U	0.0015	0.00020	mg/L		03/17/14 10:48	03/21/14 08:21	1
Nickel	**0.030**		0.0050	0.0020	mg/L		03/17/14 10:48	03/21/14 08:21	1
Zinc	**0.16**		0.020	0.0083	mg/L		03/17/14 10:48	03/21/14 08:21	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-44S
Date Collected: 03/07/14 15:15
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-56
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:48	03/21/14 08:58	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		03/17/14 10:48	03/21/14 08:58	1
Lead	0.00020	U	0.0015	0.00020	mg/L		03/17/14 10:48	03/21/14 08:58	1
Nickel	**0.0036**	**J**	0.0050	0.0020	mg/L		03/17/14 10:48	03/21/14 08:58	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-45S
Date Collected: 03/10/14 11:42
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-57
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.015**		0.0025	0.0013	mg/L		03/17/14 10:48	03/21/14 09:20	1
Lead	0.00020	U	0.0015	0.00020	mg/L		03/17/14 10:48	03/21/14 09:20	1
Nickel	**0.0062**		0.0050	0.0020	mg/L		03/17/14 10:48	03/21/14 09:20	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-46S
Date Collected: 03/04/14 10:32
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-58
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:48	03/21/14 09:27	1
Cadmium	**0.00031**	**J**	0.00050	0.000095	mg/L		03/17/14 10:48	03/21/14 09:27	1
Lead	**0.0031**		0.0015	0.00020	mg/L		03/17/14 10:48	03/21/14 09:27	1
Nickel	**0.0080**		0.0050	0.0020	mg/L		03/17/14 10:48	03/21/14 09:27	1
Zinc	**0.052**		0.020	0.0083	mg/L		03/17/14 10:48	03/21/14 09:27	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-47S
Date Collected: 03/04/14 15:41
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-59
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:48	03/21/14 09:34	1
Barium	**0.052**		0.0050	0.0013	mg/L		03/17/14 10:48	03/21/14 09:34	1
Beryllium	**0.00036**	**J**	0.00050	0.00025	mg/L		03/17/14 10:48	03/21/14 23:05	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		03/17/14 10:48	03/21/14 09:34	1
Lead	0.00020	U	0.0015	0.00020	mg/L		03/17/14 10:48	03/21/14 09:34	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		03/17/14 10:48	03/21/14 09:34	1
Thallium	0.00050	U	0.0010	0.00050	mg/L		03/17/14 10:48	03/21/14 09:34	1
Zinc	0.0083	U	0.020	0.0083	mg/L		03/17/14 10:48	03/21/14 09:34	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-48S
Date Collected: 03/12/14 16:44
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-60
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0014	J	0.0025	0.0013	mg/L		03/17/14 10:48	03/21/14 09:42	1
Barium	4.3		0.0050	0.0013	mg/L		03/17/14 10:48	03/21/14 09:42	1
Beryllium	0.0079		0.00050	0.00025	mg/L		03/17/14 10:48	03/21/14 23:12	1
Cadmium	0.00065		0.00050	0.000095	mg/L		03/17/14 10:48	03/21/14 09:42	1
Copper	0.023		0.0050	0.0011	mg/L		03/17/14 10:48	03/21/14 09:42	1
Lead	0.031		0.0015	0.00020	mg/L		03/17/14 10:48	03/21/14 09:42	1
Nickel	0.026		0.0050	0.0020	mg/L		03/17/14 10:48	03/21/14 09:42	1
Selenium	0.0010	U	0.0025	0.0010	mg/L		03/17/14 10:48	03/21/14 09:42	1
Thallium	0.00067	J	0.0010	0.00050	mg/L		03/17/14 10:48	03/21/14 09:42	1
Zinc	0.11		0.020	0.0083	mg/L		03/17/14 10:48	03/21/14 09:42	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-49S
Date Collected: 03/11/14 19:58
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-61
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:48	03/21/14 09:49	1
Barium	**0.054**		0.0050	0.0013	mg/L		03/17/14 10:48	03/21/14 09:49	1
Beryllium	**0.00030**	**J**	0.00050	0.00025	mg/L		03/17/14 10:48	03/21/14 23:19	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		03/17/14 10:48	03/21/14 09:49	1
Copper	**0.0051**		0.0050	0.0011	mg/L		03/17/14 10:48	03/21/14 09:49	1
Lead	**0.0019**		0.0015	0.00020	mg/L		03/17/14 10:48	03/21/14 09:49	1
Nickel	**0.0020**	**J**	0.0050	0.0020	mg/L		03/17/14 10:48	03/21/14 09:49	1
Selenium	0.0010	U	0.0025	0.0010	mg/L		03/17/14 10:48	03/21/14 09:49	1
Thallium	0.00050	U	0.0010	0.00050	mg/L		03/17/14 10:48	03/21/14 09:49	1
Zinc	**0.021**		0.020	0.0083	mg/L		03/17/14 10:48	03/21/14 09:49	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:48	03/21/14 09:56	1
Barium, Dissolved	**0.037**		0.0050	0.0013	mg/L		03/17/14 10:48	03/21/14 09:56	1
Beryllium, Dissolved	0.00025	U	0.00050	0.00025	mg/L		03/17/14 10:48	03/21/14 23:26	1
Cadmium, Dissolved	0.000095	U	0.00050	0.000095	mg/L		03/17/14 10:48	03/21/14 09:56	1
Copper, Dissolved	**0.0035**	**J**	0.0050	0.0011	mg/L		03/17/14 10:48	03/21/14 09:56	1
Lead, Dissolved	**0.0014**	**J**	0.0015	0.00020	mg/L		03/17/14 10:48	03/21/14 09:56	1
Nickel, Dissolved	0.0020	U	0.0050	0.0020	mg/L		03/17/14 10:48	03/21/14 09:56	1
Selenium, Dissolved	0.0010	U	0.0025	0.0010	mg/L		03/17/14 10:48	03/21/14 09:56	1
Thallium, Dissolved	0.00050	U	0.0010	0.00050	mg/L		03/17/14 10:48	03/21/14 09:56	1
Zinc, Dissolved	**0.016**	**J**	0.020	0.0083	mg/L		03/17/14 10:48	03/21/14 09:56	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: FFFW-1-R
Date Collected: 03/07/14 15:00
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-62
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0023**	**J**	0.0025	0.0013	mg/L		03/17/14 10:48	03/21/14 10:04	1
Lead	**0.0011**	**J**	0.0015	0.00020	mg/L		03/17/14 10:48	03/21/14 10:04	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		03/17/14 10:48	03/21/14 10:04	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: FFFW-2-R
Date Collected: 03/10/14 16:03
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-63
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.022		0.0025	0.0013	mg/L		03/17/14 10:48	03/21/14 10:11	1
Barium	4.1		0.0050	0.0013	mg/L		03/17/14 10:48	03/21/14 10:11	1
Beryllium	0.074		0.00050	0.00025	mg/L		03/17/14 10:48	03/21/14 23:39	1
Cadmium	0.0042		0.00050	0.000095	mg/L		03/17/14 10:48	03/21/14 10:11	1
Lead	0.39		0.0015	0.00020	mg/L		03/17/14 10:48	03/21/14 10:11	1
Nickel	0.12		0.0050	0.0020	mg/L		03/17/14 10:48	03/21/14 10:11	1
Thallium	0.0015		0.0010	0.00050	mg/L		03/17/14 10:48	03/21/14 10:11	1
Zinc	0.26		0.020	0.0083	mg/L		03/17/14 10:48	03/21/14 10:11	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: FFFW-2I
Date Collected: 03/10/14 15:24
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-64
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:48	03/21/14 10:19	1
Lead	0.00020	U	0.0015	0.00020	mg/L		03/17/14 10:48	03/21/14 10:19	1
Nickel	**0.0060**		0.0050	0.0020	mg/L		03/17/14 10:48	03/21/14 10:19	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: FFFW-3-R
Date Collected: 03/07/14 11:19
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-65
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.012**		0.0025	0.0013	mg/L		03/17/14 10:48	03/21/14 10:26	1
Lead	0.00020	U	0.0015	0.00020	mg/L		03/17/14 10:48	03/21/14 10:26	1
Nickel	**0.057**		0.0050	0.0020	mg/L		03/17/14 10:48	03/21/14 10:26	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: FFFW-4-R
Date Collected: 03/10/14 14:13
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-66
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0042		0.0025	0.0013	mg/L		03/17/14 10:48	03/21/14 10:48	1
Beryllium	0.00040	J	0.00050	0.00025	mg/L		03/17/14 10:48	03/22/14 00:13	1
Lead	0.011		0.0015	0.00020	mg/L		03/17/14 10:48	03/21/14 10:48	1
Nickel	0.011		0.0050	0.0020	mg/L		03/17/14 10:48	03/21/14 10:48	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0045		0.0025	0.0013	mg/L		03/17/14 10:48	03/21/14 10:55	1
Beryllium, Dissolved	0.00036	J	0.00050	0.00025	mg/L		03/17/14 10:48	03/22/14 00:20	1
Lead, Dissolved	0.010		0.0015	0.00020	mg/L		03/17/14 10:48	03/21/14 10:55	1
Nickel, Dissolved	0.011		0.0050	0.0020	mg/L		03/17/14 10:48	03/21/14 10:55	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-TP1S
Date Collected: 03/11/14 09:49
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-67
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:48	03/21/14 11:03	1
Lead	**0.0096**		0.0015	0.00020	mg/L		03/17/14 10:48	03/21/14 11:03	1
Nickel	**0.013**		0.0050	0.0020	mg/L		03/17/14 10:48	03/21/14 11:03	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-TP1I
Date Collected: 03/11/14 09:27
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-68
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:48	03/21/14 11:10	1
Lead	0.00020	U	0.0015	0.00020	mg/L		03/17/14 10:48	03/21/14 11:10	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		03/17/14 10:48	03/21/14 11:10	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-TP2S
Date Collected: 03/05/14 12:23
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-69
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0015	J	0.0025	0.0013	mg/L		03/17/14 10:48	03/21/14 11:18	1
Lead	0.0023		0.0015	0.00020	mg/L		03/17/14 10:48	03/21/14 11:18	1
Nickel	0.0033	J	0.0050	0.0020	mg/L		03/17/14 10:48	03/21/14 11:18	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-TP3S
Date Collected: 03/04/14 13:57
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-70
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:48	03/21/14 11:25	1
Lead	**0.0015**		0.0015	0.00020	mg/L		03/17/14 10:48	03/21/14 11:25	1
Nickel	**0.0044**	**J**	0.0050	0.0020	mg/L		03/17/14 10:48	03/21/14 11:25	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-TP4S
Date Collected: 03/05/14 17:21
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-71
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 11:12	03/18/14 15:54	1
Barium	**0.19**		0.0050	0.0013	mg/L		03/17/14 11:12	03/18/14 15:54	1
Beryllium	**0.00065**		0.00050	0.00025	mg/L		03/17/14 11:12	03/18/14 15:54	1
Lead	**0.0042**		0.0015	0.00020	mg/L		03/17/14 11:12	03/18/14 15:54	1
Nickel	**0.0041**	**J**	0.0050	0.0020	mg/L		03/17/14 11:12	03/18/14 15:54	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-TP5S
Date Collected: 03/07/14 17:00
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-72
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.14		0.0025	0.0013	mg/L		03/17/14 11:12	03/18/14 16:30	1
Barium	51		0.10	0.026	mg/L		03/17/14 11:12	04/07/14 16:34	20
Beryllium	0.32		0.00050	0.00025	mg/L		03/17/14 11:12	03/18/14 16:30	1
Cadmium	0.016		0.00050	0.000095	mg/L		03/17/14 11:12	03/18/14 16:30	1
Lead	1.7		0.0015	0.00020	mg/L		03/17/14 11:12	03/21/14 13:37	1
Nickel	0.63		0.0050	0.0020	mg/L		03/17/14 11:12	03/18/14 16:30	1
Selenium	0.062		0.0025	0.0010	mg/L		03/17/14 11:12	03/18/14 16:30	1
Thallium	0.0039		0.0010	0.00050	mg/L		03/17/14 11:12	03/21/14 13:37	1
Zinc	1.9		0.020	0.0083	mg/L		03/17/14 11:12	03/18/14 16:30	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-TP5I
Date Collected: 03/07/14 16:37
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-73
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0017	J	0.0025	0.0013	mg/L		03/17/14 11:12	03/18/14 16:38	1
Lead	0.0025		0.0015	0.00020	mg/L		03/17/14 11:12	03/18/14 16:38	1
Nickel	0.0034	J	0.0050	0.0020	mg/L		03/17/14 11:12	03/18/14 16:38	1
Zinc	0.011	J	0.020	0.0083	mg/L		03/17/14 11:12	03/18/14 16:38	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0013	J	0.0025	0.0013	mg/L		03/17/14 11:12	03/18/14 16:45	1
Lead, Dissolved	0.0011	J	0.0015	0.00020	mg/L		03/17/14 11:12	03/18/14 16:45	1
Nickel, Dissolved	0.0020	U	0.0050	0.0020	mg/L		03/17/14 11:12	03/18/14 16:45	1
Zinc, Dissolved	0.0083	U	0.020	0.0083	mg/L		03/17/14 11:12	03/18/14 16:45	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: DUP-1
Date Collected: 03/04/14 00:00
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-74
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0050		0.0025	0.0013	mg/L		03/17/14 11:12	03/18/14 17:07	1
Beryllium	0.0041		0.00050	0.00025	mg/L		03/17/14 11:12	04/07/14 16:56	1
Cadmium	0.0060		0.00050	0.000095	mg/L		03/17/14 11:12	03/18/14 17:07	1
Lead	0.0017		0.0015	0.00020	mg/L		03/17/14 11:12	03/18/14 17:07	1
Nickel	0.12		0.0050	0.0020	mg/L		03/17/14 11:12	03/18/14 17:07	1
Zinc	0.88		0.020	0.0083	mg/L		03/17/14 11:12	03/18/14 17:07	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: DUP-2
Date Collected: 03/12/14 00:00
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-75
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0034		0.0025	0.0013	mg/L		03/17/14 11:12	03/18/14 17:15	1
Barium	1.5		0.0050	0.0013	mg/L		03/17/14 11:12	03/18/14 17:15	1
Beryllium	0.0029		0.00050	0.00025	mg/L		03/17/14 11:12	04/07/14 17:03	1
Copper	0.014		0.0050	0.0011	mg/L		03/17/14 11:12	03/18/14 17:15	1
Lead	0.046		0.0015	0.00020	mg/L		03/17/14 11:12	03/18/14 17:15	1
Nickel	0.0098		0.0050	0.0020	mg/L		03/17/14 11:12	03/18/14 17:15	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0013		0.00020	0.000091	mg/L		03/17/14 12:56	03/18/14 13:41	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: DUP-3
Date Collected: 03/05/14 00:00
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-76
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.041		0.0025	0.0013	mg/L		03/17/14 11:12	03/18/14 17:22	1
Barium	0.021		0.0050	0.0013	mg/L		03/17/14 11:12	03/18/14 17:22	1
Beryllium	0.0053		0.00050	0.00025	mg/L		03/17/14 11:12	04/07/14 17:11	1
Cadmium	0.0014		0.00050	0.000095	mg/L		03/17/14 11:12	03/18/14 17:22	1
Copper	0.21		0.0050	0.0011	mg/L		03/17/14 11:12	03/18/14 17:22	1
Lead	0.029		0.0015	0.00020	mg/L		03/17/14 11:12	03/18/14 17:22	1
Nickel	0.081		0.0050	0.0020	mg/L		03/17/14 11:12	03/18/14 17:22	1
Selenium	0.016		0.0025	0.0010	mg/L		03/17/14 11:12	03/18/14 17:22	1
Zinc	0.38		0.020	0.0083	mg/L		03/17/14 11:12	03/18/14 17:22	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: DUP-4
Date Collected: 03/07/14 00:00
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-77
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.15		0.0025	0.0013	mg/L		03/17/14 11:12	03/18/14 17:29	1
Barium	48		0.10	0.026	mg/L		03/17/14 11:12	04/07/14 17:18	20
Beryllium	0.34		0.010	0.0050	mg/L		03/17/14 11:12	04/07/14 17:18	20
Cadmium	0.016		0.00050	0.000095	mg/L		03/17/14 11:12	03/18/14 17:29	1
Lead	1.7		0.0015	0.00020	mg/L		03/17/14 11:12	03/21/14 13:44	1
Nickel	0.63		0.0050	0.0020	mg/L		03/17/14 11:12	03/18/14 17:29	1
Selenium	0.068		0.0025	0.0010	mg/L		03/17/14 11:12	03/18/14 17:29	1
Thallium	0.0038		0.0010	0.00050	mg/L		03/17/14 11:12	03/21/14 13:44	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: DUP-5
Date Collected: 03/07/14 00:00
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-78
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 11:12	03/18/14 17:37	1
Beryllium	0.00025	U	0.00050	0.00025	mg/L		03/17/14 11:12	04/07/14 17:25	1
Lead	**0.00044**	**J**	0.0015	0.00020	mg/L		03/17/14 11:12	03/18/14 17:37	1
Nickel	**0.0033**	**J**	0.0050	0.0020	mg/L		03/17/14 11:12	03/18/14 17:37	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: DUP-6
Date Collected: 03/11/14 00:00
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-79
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.19**		0.0050	0.0026	mg/L		03/17/14 11:12	03/22/14 23:05	2
Barium	**1.3**		0.0050	0.0013	mg/L		03/17/14 11:12	03/18/14 17:44	1
Beryllium	**0.039**		0.00050	0.00025	mg/L		03/17/14 11:12	04/07/14 17:32	1
Cadmium	**0.0064**		0.00050	0.000095	mg/L		03/17/14 11:12	03/18/14 17:44	1
Copper	**0.38**		0.025	0.0055	mg/L		03/17/14 11:12	04/10/14 14:59	5
Lead	**0.080**		0.015	0.0020	mg/L		03/17/14 11:12	04/10/14 15:05	10
Nickel	**0.27**		0.025	0.010	mg/L		03/17/14 11:12	04/10/14 14:59	5
Selenium	**0.096**		0.0050	0.0020	mg/L		03/17/14 11:12	03/22/14 23:05	2
Thallium	0.0050	U	0.010	0.0050	mg/L		03/17/14 11:12	04/10/14 15:05	10
Zinc	**1.3**		0.020	0.0083	mg/L		03/17/14 11:12	04/07/14 17:32	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: DUP-7
Date Collected: 03/11/14 00:00
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-80
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.078		0.0025	0.0013	mg/L		03/17/14 11:12	03/18/14 17:51	1
Barium	0.16		0.0050	0.0013	mg/L		03/17/14 11:12	03/18/14 17:51	1
Beryllium	0.023		0.00050	0.00025	mg/L		03/17/14 11:12	04/07/14 17:40	1
Cadmium	0.0077		0.00050	0.000095	mg/L		03/17/14 11:12	03/18/14 17:51	1
Lead	0.10		0.0015	0.00020	mg/L		03/17/14 11:12	03/18/14 17:51	1
Nickel	0.13		0.0050	0.0020	mg/L		03/17/14 11:12	03/18/14 17:51	1
Thallium	0.0012		0.0010	0.00050	mg/L		03/17/14 11:12	03/18/14 17:51	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: EQ-1
Date Collected: 03/10/14 11:31
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-81
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 11:12	03/18/14 17:58	1
Barium	**0.0015**	**J**	0.0050	0.0013	mg/L		03/17/14 11:12	03/18/14 17:58	1
Beryllium	0.00025	U	0.00050	0.00025	mg/L		03/17/14 11:12	04/07/14 18:02	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		03/17/14 11:12	03/18/14 17:58	1
Copper	0.0011	U	0.0050	0.0011	mg/L		03/17/14 11:12	03/18/14 17:58	1
Lead	0.00020	U	0.0015	0.00020	mg/L		03/17/14 11:12	03/18/14 17:58	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		03/17/14 11:12	03/18/14 17:58	1
Selenium	0.0010	U	0.0025	0.0010	mg/L		03/17/14 11:12	03/18/14 17:58	1
Thallium	0.00050	U	0.0010	0.00050	mg/L		03/17/14 11:12	03/18/14 17:58	1
Zinc	0.0083	U	0.020	0.0083	mg/L		03/17/14 11:12	03/18/14 17:58	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: EQ-2
Date Collected: 03/10/14 09:40
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-82
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 11:12	03/18/14 18:06	1
Barium	0.0013	U	0.0050	0.0013	mg/L		03/17/14 11:12	03/18/14 18:06	1
Beryllium	0.00025	U	0.00050	0.00025	mg/L		03/17/14 11:12	04/07/14 18:09	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		03/17/14 11:12	03/18/14 18:06	1
Copper	0.0011	U	0.0050	0.0011	mg/L		03/17/14 11:12	03/18/14 18:06	1
Lead	0.00020	U	0.0015	0.00020	mg/L		03/17/14 11:12	03/18/14 18:06	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		03/17/14 11:12	03/18/14 18:06	1
Selenium	0.0010	U	0.0025	0.0010	mg/L		03/17/14 11:12	03/18/14 18:06	1
Thallium	0.00050	U	0.0010	0.00050	mg/L		03/17/14 11:12	03/18/14 18:06	1
Zinc	0.0083	U	0.020	0.0083	mg/L		03/17/14 11:12	03/18/14 18:06	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: EQ-3
Date Collected: 03/11/14 14:30
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-83
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 11:12	03/18/14 18:13	1
Barium	0.0013	U	0.0050	0.0013	mg/L		03/17/14 11:12	03/18/14 18:13	1
Beryllium	0.00025	U	0.00050	0.00025	mg/L		03/17/14 11:12	04/07/14 18:17	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		03/17/14 11:12	03/18/14 18:13	1
Copper	0.0011	U	0.0050	0.0011	mg/L		03/17/14 11:12	03/18/14 18:13	1
Lead	0.00020	U	0.0015	0.00020	mg/L		03/17/14 11:12	03/18/14 18:13	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		03/17/14 11:12	03/18/14 18:13	1
Selenium	0.0010	U	0.0025	0.0010	mg/L		03/17/14 11:12	03/18/14 18:13	1
Thallium	0.00050	U	0.0010	0.00050	mg/L		03/17/14 11:12	03/18/14 18:13	1
Zinc	0.0083	U	0.020	0.0083	mg/L		03/17/14 11:12	03/18/14 18:13	1

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 680-319910/1-A
Matrix: Water
Analysis Batch: 320743

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 319910

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 09:49	03/20/14 19:02	1
Arsenic, Dissolved	0.0013	U	0.0025	0.0013	mg/L		03/17/14 09:49	03/20/14 19:02	1
Barium	0.0013	U	0.0050	0.0013	mg/L		03/17/14 09:49	03/20/14 19:02	1
Barium, Dissolved	0.0013	U	0.0050	0.0013	mg/L		03/17/14 09:49	03/20/14 19:02	1
Beryllium	0.00025	U	0.00050	0.00025	mg/L		03/17/14 09:49	03/20/14 19:02	1
Beryllium, Dissolved	0.00025	U	0.00050	0.00025	mg/L		03/17/14 09:49	03/20/14 19:02	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		03/17/14 09:49	03/20/14 19:02	1
Cadmium, Dissolved	0.000095	U	0.00050	0.000095	mg/L		03/17/14 09:49	03/20/14 19:02	1
Copper	0.0011	U	0.0050	0.0011	mg/L		03/17/14 09:49	03/20/14 19:02	1
Copper, Dissolved	0.0011	U	0.0050	0.0011	mg/L		03/17/14 09:49	03/20/14 19:02	1
Lead	0.00020	U	0.0015	0.00020	mg/L		03/17/14 09:49	03/20/14 19:02	1
Lead, Dissolved	0.00020	U	0.0015	0.00020	mg/L		03/17/14 09:49	03/20/14 19:02	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		03/17/14 09:49	03/20/14 19:02	1
Nickel, Dissolved	0.0020	U	0.0050	0.0020	mg/L		03/17/14 09:49	03/20/14 19:02	1
Selenium	0.0010	U	0.0025	0.0010	mg/L		03/17/14 09:49	03/20/14 19:02	1
Selenium, Dissolved	0.0010	U	0.0025	0.0010	mg/L		03/17/14 09:49	03/20/14 19:02	1
Thallium	0.00050	U	0.0010	0.00050	mg/L		03/17/14 09:49	03/20/14 19:02	1
Thallium, Dissolved	0.00050	U	0.0010	0.00050	mg/L		03/17/14 09:49	03/20/14 19:02	1
Zinc	0.0083	U	0.020	0.0083	mg/L		03/17/14 09:49	03/20/14 19:02	1
Zinc, Dissolved	0.0083	U	0.020	0.0083	mg/L		03/17/14 09:49	03/20/14 19:02	1

Lab Sample ID: LCS 680-319910/2-A
Matrix: Water
Analysis Batch: 320743

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 319910

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.200	0.251		mg/L		125	75 - 125
Arsenic, Dissolved	0.200	0.251		mg/L		125	75 - 125
Barium	0.200	0.242		mg/L		121	75 - 125
Barium, Dissolved	0.200	0.242		mg/L		121	75 - 125
Beryllium	0.100	0.119		mg/L		119	75 - 125
Beryllium, Dissolved	0.100	0.119		mg/L		119	75 - 125
Cadmium	0.100	0.116		mg/L		116	75 - 125
Cadmium, Dissolved	0.100	0.116		mg/L		116	75 - 125
Copper	0.200	0.247		mg/L		124	75 - 125
Copper, Dissolved	0.200	0.247		mg/L		124	75 - 125
Lead	0.100	0.121		mg/L		121	75 - 125
Lead, Dissolved	0.100	0.121		mg/L		121	75 - 125
Nickel	0.200	0.246		mg/L		123	75 - 125
Nickel, Dissolved	0.200	0.246		mg/L		123	75 - 125
Thallium	0.0800	0.0963		mg/L		120	75 - 125
Thallium, Dissolved	0.0800	0.0963		mg/L		120	75 - 125
Zinc	0.200	0.242		mg/L		121	75 - 125
Zinc, Dissolved	0.200	0.242		mg/L		121	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-319910/2-A
Matrix: Water
Analysis Batch: 320907

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 319910

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	0.200	0.226		mg/L		113	75 - 125
Selenium, Dissolved	0.200	0.226		mg/L		113	75 - 125

Lab Sample ID: MB 680-319928/1-A
Matrix: Water
Analysis Batch: 320743

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 319928

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:19	03/21/14 03:48	1
Arsenic, Dissolved	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:19	03/21/14 03:48	1
Barium	0.0013	U	0.0050	0.0013	mg/L		03/17/14 10:19	03/21/14 03:48	1
Barium, Dissolved	0.0013	U	0.0050	0.0013	mg/L		03/17/14 10:19	03/21/14 03:48	1
Beryllium	0.00025	U	0.00050	0.00025	mg/L		03/17/14 10:19	03/21/14 03:48	1
Beryllium, Dissolved	0.00025	U	0.00050	0.00025	mg/L		03/17/14 10:19	03/21/14 03:48	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		03/17/14 10:19	03/21/14 03:48	1
Cadmium, Dissolved	0.000095	U	0.00050	0.000095	mg/L		03/17/14 10:19	03/21/14 03:48	1
Copper	0.0011	U	0.0050	0.0011	mg/L		03/17/14 10:19	03/21/14 03:48	1
Copper, Dissolved	0.0011	U	0.0050	0.0011	mg/L		03/17/14 10:19	03/21/14 03:48	1
Lead	0.00020	U	0.0015	0.00020	mg/L		03/17/14 10:19	03/21/14 03:48	1
Lead, Dissolved	0.00020	U	0.0015	0.00020	mg/L		03/17/14 10:19	03/21/14 03:48	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		03/17/14 10:19	03/21/14 03:48	1
Nickel, Dissolved	0.0020	U	0.0050	0.0020	mg/L		03/17/14 10:19	03/21/14 03:48	1
Selenium	0.0010	U	0.0025	0.0010	mg/L		03/17/14 10:19	03/21/14 03:48	1
Selenium, Dissolved	0.0010	U	0.0025	0.0010	mg/L		03/17/14 10:19	03/21/14 03:48	1
Thallium	0.00050	U	0.0010	0.00050	mg/L		03/17/14 10:19	03/21/14 03:48	1
Thallium, Dissolved	0.00050	U	0.0010	0.00050	mg/L		03/17/14 10:19	03/21/14 03:48	1
Zinc	0.0083	U	0.020	0.0083	mg/L		03/17/14 10:19	03/21/14 03:48	1
Zinc, Dissolved	0.0083	U	0.020	0.0083	mg/L		03/17/14 10:19	03/21/14 03:48	1

Lab Sample ID: LCS 680-319928/2-A
Matrix: Water
Analysis Batch: 320743

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 319928

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.100	0.123		mg/L		123	75 - 125
Arsenic, Dissolved	0.100	0.123		mg/L		123	75 - 125
Barium	0.100	0.115		mg/L		115	75 - 125
Barium, Dissolved	0.100	0.115		mg/L		115	75 - 125
Beryllium	0.0500	0.0569		mg/L		114	75 - 125
Beryllium, Dissolved	0.0500	0.0569		mg/L		114	75 - 125
Cadmium	0.0500	0.0558		mg/L		112	75 - 125
Cadmium, Dissolved	0.0500	0.0558		mg/L		112	75 - 125
Copper	0.100	0.124		mg/L		124	75 - 125
Copper, Dissolved	0.100	0.124		mg/L		124	75 - 125
Lead	0.0500	0.0575		mg/L		115	75 - 125
Lead, Dissolved	0.0500	0.0575		mg/L		115	75 - 125
Nickel	0.100	0.123		mg/L		123	75 - 125
Nickel, Dissolved	0.100	0.123		mg/L		123	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-319928/2-A
Matrix: Water
Analysis Batch: 320743

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 319928

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	0.100	0.124		mg/L		124	75 - 125
Selenium, Dissolved	0.100	0.124		mg/L		124	75 - 125
Thallium	0.0400	0.0454		mg/L		114	75 - 125
Thallium, Dissolved	0.0400	0.0454		mg/L		114	75 - 125
Zinc	0.100	0.117		mg/L		117	75 - 125
Zinc, Dissolved	0.100	0.117		mg/L		117	75 - 125

Lab Sample ID: MB 680-319929/1-A
Matrix: Water
Analysis Batch: 320907

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 319929

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:33	03/21/14 07:33	1
Arsenic, Dissolved	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:33	03/21/14 07:33	1
Barium	0.0013	U	0.0050	0.0013	mg/L		03/17/14 10:33	03/21/14 07:33	1
Barium, Dissolved	0.0013	U	0.0050	0.0013	mg/L		03/17/14 10:33	03/21/14 07:33	1
Beryllium	0.00025	U	0.00050	0.00025	mg/L		03/17/14 10:33	03/21/14 07:33	1
Beryllium, Dissolved	0.00025	U	0.00050	0.00025	mg/L		03/17/14 10:33	03/21/14 07:33	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		03/17/14 10:33	03/21/14 07:33	1
Cadmium, Dissolved	0.000095	U	0.00050	0.000095	mg/L		03/17/14 10:33	03/21/14 07:33	1
Copper	0.0011	U	0.0050	0.0011	mg/L		03/17/14 10:33	03/21/14 07:33	1
Copper, Dissolved	0.0011	U	0.0050	0.0011	mg/L		03/17/14 10:33	03/21/14 07:33	1
Lead	0.00020	U	0.0015	0.00020	mg/L		03/17/14 10:33	03/21/14 07:33	1
Lead, Dissolved	0.00020	U	0.0015	0.00020	mg/L		03/17/14 10:33	03/21/14 07:33	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		03/17/14 10:33	03/21/14 07:33	1
Nickel, Dissolved	0.0020	U	0.0050	0.0020	mg/L		03/17/14 10:33	03/21/14 07:33	1
Selenium	0.0010	U	0.0025	0.0010	mg/L		03/17/14 10:33	03/21/14 07:33	1
Selenium, Dissolved	0.0010	U	0.0025	0.0010	mg/L		03/17/14 10:33	03/21/14 07:33	1
Thallium	0.00050	U	0.0010	0.00050	mg/L		03/17/14 10:33	03/21/14 07:33	1
Thallium, Dissolved	0.00050	U	0.0010	0.00050	mg/L		03/17/14 10:33	03/21/14 07:33	1
Zinc	0.0083	U	0.020	0.0083	mg/L		03/17/14 10:33	03/21/14 07:33	1
Zinc, Dissolved	0.0083	U	0.020	0.0083	mg/L		03/17/14 10:33	03/21/14 07:33	1

Lab Sample ID: LCS 680-319929/2-A
Matrix: Water
Analysis Batch: 320907

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 319929

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.100	0.103		mg/L		103	75 - 125
Arsenic, Dissolved	0.100	0.103		mg/L		103	75 - 125
Barium	0.100	0.0983		mg/L		98	75 - 125
Barium, Dissolved	0.100	0.0983		mg/L		98	75 - 125
Beryllium	0.0500	0.0494		mg/L		99	75 - 125
Beryllium, Dissolved	0.0500	0.0494		mg/L		99	75 - 125
Cadmium	0.0500	0.0491		mg/L		98	75 - 125
Cadmium, Dissolved	0.0500	0.0491		mg/L		98	75 - 125
Copper	0.100	0.105		mg/L		105	75 - 125
Copper, Dissolved	0.100	0.105		mg/L		105	75 - 125
Lead	0.0500	0.0494		mg/L		99	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-319929/2-A
Matrix: Water
Analysis Batch: 320907

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 319929

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead, Dissolved	0.0500	0.0494		mg/L		99	75 - 125
Nickel	0.100	0.104		mg/L		104	75 - 125
Nickel, Dissolved	0.100	0.104		mg/L		104	75 - 125
Selenium	0.100	0.104		mg/L		104	75 - 125
Selenium, Dissolved	0.100	0.104		mg/L		104	75 - 125
Thallium	0.0400	0.0390		mg/L		97	75 - 125
Thallium, Dissolved	0.0400	0.0390		mg/L		97	75 - 125
Zinc	0.100	0.101		mg/L		101	75 - 125
Zinc, Dissolved	0.100	0.101		mg/L		101	75 - 125

Lab Sample ID: 640-47167-35 MS
Matrix: Water
Analysis Batch: 320907

Client Sample ID: MW-27S-R
Prep Type: Total Recoverable
Prep Batch: 319929

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0023	J	0.100	0.117		mg/L		115	75 - 125
Arsenic, Dissolved	0.0023		0.100	0.117		mg/L		115	75 - 125
Barium	0.062		0.100	0.173		mg/L		111	75 - 125
Barium, Dissolved	0.062		0.100	0.173		mg/L		111	75 - 125
Beryllium	0.00025		0.0500	0.0553		mg/L		111	75 - 125
Beryllium, Dissolved	0.00025		0.0500	0.0553		mg/L		111	75 - 125
Cadmium	0.000095		0.0500	0.0550		mg/L		110	75 - 125
Cadmium, Dissolved	0.000095		0.0500	0.0550		mg/L		110	75 - 125
Copper	0.0040		0.100	0.118		mg/L		113	75 - 125
Copper, Dissolved	0.0040		0.100	0.118		mg/L		113	75 - 125
Lead	0.0012	J	0.0500	0.0553		mg/L		108	75 - 125
Lead, Dissolved	0.0012		0.0500	0.0553		mg/L		108	75 - 125
Nickel	0.016		0.100	0.128		mg/L		112	75 - 125
Nickel, Dissolved	0.016		0.100	0.128		mg/L		112	75 - 125
Selenium	0.0010		0.100	0.115		mg/L		115	75 - 125
Selenium, Dissolved	0.0010		0.100	0.115		mg/L		115	75 - 125
Thallium	0.00050		0.0400	0.0435		mg/L		109	75 - 125
Thallium, Dissolved	0.00050		0.0400	0.0435		mg/L		109	75 - 125
Zinc	0.0083		0.100	0.114		mg/L		114	75 - 125
Zinc, Dissolved	0.0083		0.100	0.114		mg/L		114	75 - 125

Lab Sample ID: 640-47167-35 MSD
Matrix: Water
Analysis Batch: 320907

Client Sample ID: MW-27S-R
Prep Type: Total Recoverable
Prep Batch: 319929

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.0023	J	0.100	0.122		mg/L		119	75 - 125	4	20
Arsenic, Dissolved	0.0023		0.100	0.122		mg/L		119	75 - 125	4	20
Barium	0.062		0.100	0.177		mg/L		115	75 - 125	2	20
Barium, Dissolved	0.062		0.100	0.177		mg/L		115	75 - 125	2	20
Beryllium	0.00025		0.0500	0.0579		mg/L		116	75 - 125	5	20
Beryllium, Dissolved	0.00025		0.0500	0.0579		mg/L		116	75 - 125	5	20
Cadmium	0.000095		0.0500	0.0562		mg/L		112	75 - 125	2	20
Cadmium, Dissolved	0.000095		0.0500	0.0562		mg/L		112	75 - 125	2	20

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 640-47167-35 MSD | **Client Sample ID: MW-27S-R**
Matrix: Water | **Prep Type: Total Recoverable**
Analysis Batch: 320907 | **Prep Batch: 319929**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Copper	0.0040		0.100	0.123		mg/L		119	75 - 125	4	20
Copper, Dissolved	0.0040		0.100	0.123		mg/L		119	75 - 125	4	20
Lead	0.0012	J	0.0500	0.0570		mg/L		112	75 - 125	3	20
Lead, Dissolved	0.0012		0.0500	0.0570		mg/L		112	75 - 125	3	20
Nickel	0.016		0.100	0.134		mg/L		118	75 - 125	4	20
Nickel, Dissolved	0.016		0.100	0.134		mg/L		118	75 - 125	4	20
Selenium	0.0010		0.100	0.119		mg/L		119	75 - 125	3	20
Selenium, Dissolved	0.0010		0.100	0.119		mg/L		119	75 - 125	3	20
Thallium	0.00050		0.0400	0.0446		mg/L		112	75 - 125	3	20
Thallium, Dissolved	0.00050		0.0400	0.0446		mg/L		112	75 - 125	3	20
Zinc	0.0083		0.100	0.117		mg/L		117	75 - 125	3	20
Zinc, Dissolved	0.0083		0.100	0.117		mg/L		117	75 - 125	3	20

Lab Sample ID: MB 680-319937/1-A | **Client Sample ID: Method Blank**
Matrix: Water | **Prep Type: Total Recoverable**
Analysis Batch: 320795 | **Prep Batch: 319937**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:48	03/21/14 07:51	1
Arsenic, Dissolved	0.0013	U	0.0025	0.0013	mg/L		03/17/14 10:48	03/21/14 07:51	1
Barium	0.0013	U	0.0050	0.0013	mg/L		03/17/14 10:48	03/21/14 07:51	1
Barium, Dissolved	0.0013	U	0.0050	0.0013	mg/L		03/17/14 10:48	03/21/14 07:51	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		03/17/14 10:48	03/21/14 07:51	1
Cadmium, Dissolved	0.000095	U	0.00050	0.000095	mg/L		03/17/14 10:48	03/21/14 07:51	1
Copper	0.0011	U	0.0050	0.0011	mg/L		03/17/14 10:48	03/21/14 07:51	1
Copper, Dissolved	0.0011	U	0.0050	0.0011	mg/L		03/17/14 10:48	03/21/14 07:51	1
Lead	0.00020	U	0.0015	0.00020	mg/L		03/17/14 10:48	03/21/14 07:51	1
Lead, Dissolved	0.00020	U	0.0015	0.00020	mg/L		03/17/14 10:48	03/21/14 07:51	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		03/17/14 10:48	03/21/14 07:51	1
Nickel, Dissolved	0.0020	U	0.0050	0.0020	mg/L		03/17/14 10:48	03/21/14 07:51	1
Selenium	0.0010	U	0.0025	0.0010	mg/L		03/17/14 10:48	03/21/14 07:51	1
Selenium, Dissolved	0.0010	U	0.0025	0.0010	mg/L		03/17/14 10:48	03/21/14 07:51	1
Thallium	0.00050	U	0.0010	0.00050	mg/L		03/17/14 10:48	03/21/14 07:51	1
Thallium, Dissolved	0.00050	U	0.0010	0.00050	mg/L		03/17/14 10:48	03/21/14 07:51	1
Zinc	0.0083	U	0.020	0.0083	mg/L		03/17/14 10:48	03/21/14 07:51	1
Zinc, Dissolved	0.0083	U	0.020	0.0083	mg/L		03/17/14 10:48	03/21/14 07:51	1

Lab Sample ID: MB 680-319937/1-A | **Client Sample ID: Method Blank**
Matrix: Water | **Prep Type: Total Recoverable**
Analysis Batch: 320963 | **Prep Batch: 319937**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.00025	U	0.00050	0.00025	mg/L		03/17/14 10:48	03/21/14 21:30	1
Beryllium, Dissolved	0.00025	U	0.00050	0.00025	mg/L		03/17/14 10:48	03/21/14 21:30	1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-319937/2-A
Matrix: Water
Analysis Batch: 320795

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 319937

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.100	0.101		mg/L		101	75 - 125
Arsenic, Dissolved	0.100	0.101		mg/L		101	75 - 125
Barium	0.100	0.100		mg/L		100	75 - 125
Barium, Dissolved	0.100	0.100		mg/L		100	75 - 125
Cadmium	0.0500	0.0498		mg/L		100	75 - 125
Cadmium, Dissolved	0.0500	0.0498		mg/L		100	75 - 125
Copper	0.100	0.106		mg/L		106	75 - 125
Copper, Dissolved	0.100	0.106		mg/L		106	75 - 125
Lead	0.0500	0.0500		mg/L		100	75 - 125
Lead, Dissolved	0.0500	0.0500		mg/L		100	75 - 125
Nickel	0.100	0.104		mg/L		104	75 - 125
Nickel, Dissolved	0.100	0.104		mg/L		104	75 - 125
Selenium	0.100	0.105		mg/L		105	75 - 125
Selenium, Dissolved	0.100	0.105		mg/L		105	75 - 125
Thallium	0.0400	0.0389		mg/L		97	75 - 125
Thallium, Dissolved	0.0400	0.0389		mg/L		97	75 - 125
Zinc	0.100	0.109		mg/L		109	75 - 125
Zinc, Dissolved	0.100	0.109		mg/L		109	75 - 125

Lab Sample ID: LCS 680-319937/2-A
Matrix: Water
Analysis Batch: 320963

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 319937

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Beryllium	0.0500	0.0540		mg/L		108	75 - 125
Beryllium, Dissolved	0.0500	0.0540		mg/L		108	75 - 125

Lab Sample ID: 640-47167-55 MS
Matrix: Water
Analysis Batch: 320795

Client Sample ID: MW-43S
Prep Type: Total Recoverable
Prep Batch: 319937

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.010		0.100	0.116		mg/L		106	75 - 125
Arsenic, Dissolved	0.010		0.100	0.116		mg/L		106	75 - 125
Barium	0.0013		0.100	0.102		mg/L		102	75 - 125
Barium, Dissolved	0.0013		0.100	0.102		mg/L		102	75 - 125
Cadmium	0.0016		0.0500	0.0509		mg/L		99	75 - 125
Cadmium, Dissolved	0.0016		0.0500	0.0509		mg/L		99	75 - 125
Copper	0.011		0.100	0.118		mg/L		107	75 - 125
Copper, Dissolved	0.011		0.100	0.118		mg/L		107	75 - 125
Lead	0.00020	U	0.0500	0.0500		mg/L		100	75 - 125
Lead, Dissolved	0.00020		0.0500	0.0500		mg/L		100	75 - 125
Nickel	0.030		0.100	0.135		mg/L		105	75 - 125
Nickel, Dissolved	0.030		0.100	0.135		mg/L		105	75 - 125
Selenium	0.0010		0.100	0.108		mg/L		108	75 - 125
Selenium, Dissolved	0.0010		0.100	0.108		mg/L		108	75 - 125
Thallium	0.00050		0.0400	0.0396		mg/L		99	75 - 125
Thallium, Dissolved	0.00050		0.0400	0.0396		mg/L		99	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 640-47167-55 MS
Matrix: Water
Analysis Batch: 320795

Client Sample ID: MW-43S
Prep Type: Total Recoverable
Prep Batch: 319937

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	0.16		0.100	0.251		mg/L		91	75 - 125
Zinc, Dissolved	0.16		0.100	0.251		mg/L		91	75 - 125

Lab Sample ID: 640-47167-55 MS
Matrix: Water
Analysis Batch: 320963

Client Sample ID: MW-43S
Prep Type: Total Recoverable
Prep Batch: 319937

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Beryllium	0.00025		0.0500	0.0535		mg/L		107	75 - 125

Lab Sample ID: 640-47167-55 MSD
Matrix: Water
Analysis Batch: 320795

Client Sample ID: MW-43S
Prep Type: Total Recoverable
Prep Batch: 319937

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.010		0.100	0.119		mg/L		109	75 - 125	3	20
Arsenic, Dissolved	0.010		0.100	0.119		mg/L		109	75 - 125	3	20
Barium	0.0013		0.100	0.107		mg/L		107	75 - 125	5	20
Barium, Dissolved	0.0013		0.100	0.107		mg/L		107	75 - 125	5	20
Cadmium	0.0016		0.0500	0.0535		mg/L		104	75 - 125	5	20
Cadmium, Dissolved	0.0016		0.0500	0.0535		mg/L		104	75 - 125	5	20
Copper	0.011		0.100	0.121		mg/L		110	75 - 125	3	20
Copper, Dissolved	0.011		0.100	0.121		mg/L		110	75 - 125	3	20
Lead	0.00020	U	0.0500	0.0512		mg/L		102	75 - 125	2	20
Lead, Dissolved	0.00020		0.0500	0.0512		mg/L		102	75 - 125	2	20
Nickel	0.030		0.100	0.139		mg/L		109	75 - 125	3	20
Nickel, Dissolved	0.030		0.100	0.139		mg/L		109	75 - 125	3	20
Selenium	0.0010		0.100	0.108		mg/L		108	75 - 125	0	20
Selenium, Dissolved	0.0010		0.100	0.108		mg/L		108	75 - 125	0	20
Thallium	0.00050		0.0400	0.0410		mg/L		102	75 - 125	3	20
Thallium, Dissolved	0.00050		0.0400	0.0410		mg/L		102	75 - 125	3	20
Zinc	0.16		0.100	0.261		mg/L		100	75 - 125	4	20
Zinc, Dissolved	0.16		0.100	0.261		mg/L		100	75 - 125	4	20

Lab Sample ID: 640-47167-55 MSD
Matrix: Water
Analysis Batch: 320963

Client Sample ID: MW-43S
Prep Type: Total Recoverable
Prep Batch: 319937

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Beryllium	0.00025		0.0500	0.0516		mg/L		103	75 - 125	4	20

Lab Sample ID: MB 680-319944/1-A
Matrix: Water
Analysis Batch: 320386

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 319944

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		03/17/14 11:12	03/18/14 15:39	1
Arsenic, Dissolved	0.0013	U	0.0025	0.0013	mg/L		03/17/14 11:12	03/18/14 15:39	1
Barium	0.0013	U	0.0050	0.0013	mg/L		03/17/14 11:12	03/18/14 15:39	1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-319944/1-A
Matrix: Water
Analysis Batch: 320386

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 319944

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.0013	U	0.0050	0.0013	mg/L		03/17/14 11:12	03/18/14 15:39	1
Beryllium	0.00025	U	0.00050	0.00025	mg/L		03/17/14 11:12	03/18/14 15:39	1
Beryllium, Dissolved	0.00025	U	0.00050	0.00025	mg/L		03/17/14 11:12	03/18/14 15:39	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		03/17/14 11:12	03/18/14 15:39	1
Cadmium, Dissolved	0.000095	U	0.00050	0.000095	mg/L		03/17/14 11:12	03/18/14 15:39	1
Copper	0.0011	U	0.0050	0.0011	mg/L		03/17/14 11:12	03/18/14 15:39	1
Copper, Dissolved	0.0011	U	0.0050	0.0011	mg/L		03/17/14 11:12	03/18/14 15:39	1
Lead	0.00020	U	0.0015	0.00020	mg/L		03/17/14 11:12	03/18/14 15:39	1
Lead, Dissolved	0.00020	U	0.0015	0.00020	mg/L		03/17/14 11:12	03/18/14 15:39	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		03/17/14 11:12	03/18/14 15:39	1
Nickel, Dissolved	0.0020	U	0.0050	0.0020	mg/L		03/17/14 11:12	03/18/14 15:39	1
Selenium	0.0010	U	0.0025	0.0010	mg/L		03/17/14 11:12	03/18/14 15:39	1
Selenium, Dissolved	0.0010	U	0.0025	0.0010	mg/L		03/17/14 11:12	03/18/14 15:39	1
Thallium	0.00050	U	0.0010	0.00050	mg/L		03/17/14 11:12	03/18/14 15:39	1
Thallium, Dissolved	0.00050	U	0.0010	0.00050	mg/L		03/17/14 11:12	03/18/14 15:39	1
Zinc	0.0083	U	0.020	0.0083	mg/L		03/17/14 11:12	03/18/14 15:39	1
Zinc, Dissolved	0.0083	U	0.020	0.0083	mg/L		03/17/14 11:12	03/18/14 15:39	1

Lab Sample ID: LCS 680-319944/2-A
Matrix: Water
Analysis Batch: 320386

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 319944

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.100	0.115		mg/L		115	75 - 125
Arsenic, Dissolved	0.100	0.115		mg/L		115	75 - 125
Barium	0.100	0.107		mg/L		107	75 - 125
Barium, Dissolved	0.100	0.107		mg/L		107	75 - 125
Beryllium	0.0500	0.0540		mg/L		108	75 - 125
Beryllium, Dissolved	0.0500	0.0540		mg/L		108	75 - 125
Cadmium	0.0500	0.0526		mg/L		105	75 - 125
Cadmium, Dissolved	0.0500	0.0526		mg/L		105	75 - 125
Copper	0.100	0.115		mg/L		115	75 - 125
Copper, Dissolved	0.100	0.115		mg/L		115	75 - 125
Lead	0.0500	0.0543		mg/L		109	75 - 125
Lead, Dissolved	0.0500	0.0543		mg/L		109	75 - 125
Nickel	0.100	0.115		mg/L		115	75 - 125
Nickel, Dissolved	0.100	0.115		mg/L		115	75 - 125
Selenium	0.100	0.120		mg/L		120	75 - 125
Selenium, Dissolved	0.100	0.120		mg/L		120	75 - 125
Thallium	0.0400	0.0434		mg/L		108	75 - 125
Thallium, Dissolved	0.0400	0.0434		mg/L		108	75 - 125
Zinc	0.100	0.110		mg/L		110	75 - 125
Zinc, Dissolved	0.100	0.110		mg/L		110	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 640-47167-71 MS
Matrix: Water
Analysis Batch: 320386

Client Sample ID: MW-TP4S
Prep Type: Total Recoverable
Prep Batch: 319944

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0013	U	0.100	0.111		mg/L		111	75 - 125
Arsenic, Dissolved	0.0013		0.100	0.111		mg/L		111	75 - 125
Barium	0.19		0.100	0.293		mg/L		102	75 - 125
Barium, Dissolved	0.19		0.100	0.293		mg/L		102	75 - 125
Beryllium	0.00065		0.0500	0.0538		mg/L		106	75 - 125
Beryllium, Dissolved	0.00065		0.0500	0.0538		mg/L		106	75 - 125
Cadmium	0.000095		0.0500	0.0529		mg/L		106	75 - 125
Cadmium, Dissolved	0.000095		0.0500	0.0529		mg/L		106	75 - 125
Copper	0.0035		0.100	0.115		mg/L		112	75 - 125
Copper, Dissolved	0.0035		0.100	0.115		mg/L		112	75 - 125
Lead	0.0042		0.0500	0.0571		mg/L		106	75 - 125
Lead, Dissolved	0.0042		0.0500	0.0571		mg/L		106	75 - 125
Nickel	0.0041	J	0.100	0.114		mg/L		110	75 - 125
Nickel, Dissolved	0.0041		0.100	0.114		mg/L		110	75 - 125
Selenium	0.0010		0.100	0.113		mg/L		113	75 - 125
Selenium, Dissolved	0.0010		0.100	0.113		mg/L		113	75 - 125
Thallium	0.00050		0.0400	0.0425		mg/L		106	75 - 125
Thallium, Dissolved	0.00050		0.0400	0.0425		mg/L		106	75 - 125
Zinc	0.016		0.100	0.121		mg/L		105	75 - 125
Zinc, Dissolved	0.016		0.100	0.121		mg/L		105	75 - 125

Lab Sample ID: 640-47167-71 MSD
Matrix: Water
Analysis Batch: 320386

Client Sample ID: MW-TP4S
Prep Type: Total Recoverable
Prep Batch: 319944

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.0013	U	0.100	0.114		mg/L		114	75 - 125	3	20
Arsenic, Dissolved	0.0013		0.100	0.114		mg/L		114	75 - 125	3	20
Barium	0.19		0.100	0.311		mg/L		120	75 - 125	6	20
Barium, Dissolved	0.19		0.100	0.311		mg/L		120	75 - 125	6	20
Beryllium	0.00065		0.0500	0.0554		mg/L		110	75 - 125	3	20
Beryllium, Dissolved	0.00065		0.0500	0.0554		mg/L		110	75 - 125	3	20
Cadmium	0.000095		0.0500	0.0544		mg/L		109	75 - 125	3	20
Cadmium, Dissolved	0.000095		0.0500	0.0544		mg/L		109	75 - 125	3	20
Copper	0.0035		0.100	0.119		mg/L		115	75 - 125	3	20
Copper, Dissolved	0.0035		0.100	0.119		mg/L		115	75 - 125	3	20
Lead	0.0042		0.0500	0.0601		mg/L		112	75 - 125	5	20
Lead, Dissolved	0.0042		0.0500	0.0601		mg/L		112	75 - 125	5	20
Nickel	0.0041	J	0.100	0.119		mg/L		115	75 - 125	4	20
Nickel, Dissolved	0.0041		0.100	0.119		mg/L		115	75 - 125	4	20
Selenium	0.0010		0.100	0.118		mg/L		118	75 - 125	4	20
Selenium, Dissolved	0.0010		0.100	0.118		mg/L		118	75 - 125	4	20
Thallium	0.00050		0.0400	0.0452		mg/L		113	75 - 125	6	20
Thallium, Dissolved	0.00050		0.0400	0.0452		mg/L		113	75 - 125	6	20
Zinc	0.016		0.100	0.126		mg/L		110	75 - 125	4	20
Zinc, Dissolved	0.016		0.100	0.126		mg/L		110	75 - 125	4	20

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 640-47167-15 MS
Matrix: Water
Analysis Batch: 320743

Client Sample ID: MW-7I-F
Prep Type: Dissolved
Prep Batch: 319928

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0081		0.100	0.124		mg/L		116	75 - 125
Arsenic, Dissolved	0.0081		0.100	0.124		mg/L		116	75 - 125
Barium	2.8		0.100	2.89	4	mg/L		77	75 - 125
Barium, Dissolved	2.8		0.100	2.89	4	mg/L		77	75 - 125
Beryllium	0.0058		0.0500	0.0619		mg/L		112	75 - 125
Beryllium, Dissolved	0.0058		0.0500	0.0619		mg/L		112	75 - 125
Cadmium	0.00075		0.0500	0.0544		mg/L		107	75 - 125
Cadmium, Dissolved	0.00075		0.0500	0.0544		mg/L		107	75 - 125
Copper	0.019		0.100	0.132		mg/L		113	75 - 125
Copper, Dissolved	0.019		0.100	0.132		mg/L		113	75 - 125
Lead	0.053		0.0500	0.105		mg/L		103	75 - 125
Lead, Dissolved	0.053		0.0500	0.105		mg/L		103	75 - 125
Nickel	0.016		0.100	0.128		mg/L		112	75 - 125
Nickel, Dissolved	0.016		0.100	0.128		mg/L		112	75 - 125
Selenium	0.0010		0.100	0.120		mg/L		120	75 - 125
Selenium, Dissolved	0.0010		0.100	0.120		mg/L		120	75 - 125
Thallium	0.00052		0.0400	0.0446		mg/L		110	75 - 125
Thallium, Dissolved	0.00052		0.0400	0.0446		mg/L		110	75 - 125
Zinc	0.13		0.100	0.237		mg/L		108	75 - 125
Zinc, Dissolved	0.13		0.100	0.237		mg/L		108	75 - 125

Lab Sample ID: 640-47167-15 MSD
Matrix: Water
Analysis Batch: 320743

Client Sample ID: MW-7I-F
Prep Type: Dissolved
Prep Batch: 319928

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.0081		0.100	0.124		mg/L		116	75 - 125	0	20
Arsenic, Dissolved	0.0081		0.100	0.124		mg/L		116	75 - 125	0	20
Barium	2.8		0.100	2.96	4	mg/L		147	75 - 125	2	20
Barium, Dissolved	2.8		0.100	2.96	4	mg/L		147	75 - 125	2	20
Beryllium	0.0058		0.0500	0.0629		mg/L		114	75 - 125	2	20
Beryllium, Dissolved	0.0058		0.0500	0.0629		mg/L		114	75 - 125	2	20
Cadmium	0.00075		0.0500	0.0548		mg/L		108	75 - 125	1	20
Cadmium, Dissolved	0.00075		0.0500	0.0548		mg/L		108	75 - 125	1	20
Copper	0.019		0.100	0.132		mg/L		113	75 - 125	0	20
Copper, Dissolved	0.019		0.100	0.132		mg/L		113	75 - 125	0	20
Lead	0.053		0.0500	0.107		mg/L		108	75 - 125	2	20
Lead, Dissolved	0.053		0.0500	0.107		mg/L		108	75 - 125	2	20
Nickel	0.016		0.100	0.128		mg/L		113	75 - 125	0	20
Nickel, Dissolved	0.016		0.100	0.128		mg/L		113	75 - 125	0	20
Selenium	0.0010		0.100	0.119		mg/L		119	75 - 125	1	20
Selenium, Dissolved	0.0010		0.100	0.119		mg/L		119	75 - 125	1	20
Thallium	0.00052		0.0400	0.0445		mg/L		110	75 - 125	0	20
Thallium, Dissolved	0.00052		0.0400	0.0445		mg/L		110	75 - 125	0	20
Zinc	0.13		0.100	0.240		mg/L		111	75 - 125	1	20
Zinc, Dissolved	0.13		0.100	0.240		mg/L		111	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-319974/13-A
Matrix: Water
Analysis Batch: 320333

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 319974

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000091	U	0.00020	0.000091	mg/L		03/17/14 12:56	03/18/14 12:52	1

Lab Sample ID: LCS 680-319974/14-A
Matrix: Water
Analysis Batch: 320333

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 319974

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00250	0.00239		mg/L		95	80 - 120

Metals

Prep Batch: 319910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47167-1	MW-1S-R	Total Recoverable	Water	3005A	
640-47167-2	MW-1S-R-F	Dissolved	Water	3005A	
640-47167-3	MW-1I-R	Total Recoverable	Water	3005A	
640-47167-4	MW-2S	Total Recoverable	Water	3005A	
640-47167-5	MW-2I	Total Recoverable	Water	3005A	
640-47167-6	MW-3S	Total Recoverable	Water	3005A	
640-47167-7	MW-3I	Total Recoverable	Water	3005A	
640-47167-8	MW-4S	Total Recoverable	Water	3005A	
640-47167-9	MW-5S-R	Total Recoverable	Water	3005A	
640-47167-10	MW-6S-R	Total Recoverable	Water	3005A	
640-47167-11	MW-6I	Total Recoverable	Water	3005A	
640-47167-12	MW-7S-R	Total Recoverable	Water	3005A	
640-47167-13	MW-7S-R-F	Dissolved	Water	3005A	
640-47167-14	MW-7I	Total Recoverable	Water	3005A	
LCS 680-319910/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 680-319910/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 319928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47167-15	MW-7I-F	Dissolved	Water	3005A	
640-47167-15 MS	MW-7I-F	Dissolved	Water	3005A	
640-47167-15 MSD	MW-7I-F	Dissolved	Water	3005A	
640-47167-16	MW-8I	Total Recoverable	Water	3005A	
640-47167-17	MW-9S-R	Total Recoverable	Water	3005A	
640-47167-18	MW-10S-R	Total Recoverable	Water	3005A	
640-47167-19	MW-10I	Total Recoverable	Water	3005A	
640-47167-20	MW-11S	Total Recoverable	Water	3005A	
640-47167-21	MW-12S	Total Recoverable	Water	3005A	
640-47167-22	MW-12I	Total Recoverable	Water	3005A	
640-47167-23	MW-13S-R	Total Recoverable	Water	3005A	
640-47167-24	MW-13I	Total Recoverable	Water	3005A	
640-47167-25	MW-15S	Total Recoverable	Water	3005A	
640-47167-26	MW-18S	Total Recoverable	Water	3005A	
640-47167-27	MW-19S	Total Recoverable	Water	3005A	
640-47167-28	MW-20S	Total Recoverable	Water	3005A	
640-47167-29	MW-21S	Total Recoverable	Water	3005A	
640-47167-30	MW-22S	Total Recoverable	Water	3005A	
640-47167-31	MW-23S	Total Recoverable	Water	3005A	
640-47167-32	MW-24S	Total Recoverable	Water	3005A	
640-47167-33	MW-25S	Total Recoverable	Water	3005A	
640-47167-34	MW-26S	Total Recoverable	Water	3005A	
LCS 680-319928/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 680-319928/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 319929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47167-35	MW-27S-R	Total Recoverable	Water	3005A	
640-47167-35 MS	MW-27S-R	Total Recoverable	Water	3005A	
640-47167-35 MSD	MW-27S-R	Total Recoverable	Water	3005A	
640-47167-36	MW-28S	Total Recoverable	Water	3005A	
640-47167-37	MW-28S-F	Dissolved	Water	3005A	

Metals (Continued)

Prep Batch: 319929 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47167-38	MW-29S	Total Recoverable	Water	3005A	
640-47167-39	MW-30S	Total Recoverable	Water	3005A	
640-47167-40	MW-31S	Total Recoverable	Water	3005A	
640-47167-41	MW-31S-F	Dissolved	Water	3005A	
640-47167-42	MW-32S-R	Total Recoverable	Water	3005A	
640-47167-43	MW-32I	Total Recoverable	Water	3005A	
640-47167-44	MW-33S	Total Recoverable	Water	3005A	
640-47167-45	MW-34S	Total Recoverable	Water	3005A	
640-47167-46	MW-34I	Dissolved	Water	3005A	
640-47167-46	MW-34I	Total Recoverable	Water	3005A	
640-47167-47	MW-35S	Total Recoverable	Water	3005A	
640-47167-48	MW-36S	Total Recoverable	Water	3005A	
640-47167-49	MW-37S	Total Recoverable	Water	3005A	
640-47167-50	MW-38S	Total Recoverable	Water	3005A	
640-47167-51	MW-39S	Total Recoverable	Water	3005A	
640-47167-52	MW-40S	Total Recoverable	Water	3005A	
640-47167-53	MW-41S	Total Recoverable	Water	3005A	
LCS 680-319929/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 680-319929/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 319937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47167-54	MW-42S	Dissolved	Water	3005A	
640-47167-54	MW-42S	Total Recoverable	Water	3005A	
640-47167-55	MW-43S	Total Recoverable	Water	3005A	
640-47167-55 MS	MW-43S	Total Recoverable	Water	3005A	
640-47167-55 MSD	MW-43S	Total Recoverable	Water	3005A	
640-47167-56	MW-44S	Total Recoverable	Water	3005A	
640-47167-57	MW-45S	Total Recoverable	Water	3005A	
640-47167-58	MW-46S	Total Recoverable	Water	3005A	
640-47167-59	MW-47S	Total Recoverable	Water	3005A	
640-47167-60	MW-48S	Total Recoverable	Water	3005A	
640-47167-61	MW-49S	Dissolved	Water	3005A	
640-47167-61	MW-49S	Total Recoverable	Water	3005A	
640-47167-62	FFFW-1-R	Total Recoverable	Water	3005A	
640-47167-63	FFFW-2-R	Total Recoverable	Water	3005A	
640-47167-64	FFFW-2I	Total Recoverable	Water	3005A	
640-47167-65	FFFW-3-R	Total Recoverable	Water	3005A	
640-47167-66	FFFW-4-R	Dissolved	Water	3005A	
640-47167-66	FFFW-4-R	Total Recoverable	Water	3005A	
640-47167-67	MW-TP1S	Total Recoverable	Water	3005A	
640-47167-68	MW-TP1I	Total Recoverable	Water	3005A	
640-47167-69	MW-TP2S	Total Recoverable	Water	3005A	
640-47167-70	MW-TP3S	Total Recoverable	Water	3005A	
LCS 680-319937/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 680-319937/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 319944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47167-71	MW-TP4S	Total Recoverable	Water	3005A	
640-47167-71 MS	MW-TP4S	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 319944 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47167-71 MSD	MW-TP4S	Total Recoverable	Water	3005A	
640-47167-72	MW-TP5S	Total Recoverable	Water	3005A	
640-47167-73	MW-TP5I	Dissolved	Water	3005A	
640-47167-73	MW-TP5I	Total Recoverable	Water	3005A	
640-47167-74	DUP-1	Total Recoverable	Water	3005A	
640-47167-75	DUP-2	Total Recoverable	Water	3005A	
640-47167-76	DUP-3	Total Recoverable	Water	3005A	
640-47167-77	DUP-4	Total Recoverable	Water	3005A	
640-47167-78	DUP-5	Total Recoverable	Water	3005A	
640-47167-79	DUP-6	Total Recoverable	Water	3005A	
640-47167-80	DUP-7	Total Recoverable	Water	3005A	
640-47167-81	EQ-1	Total Recoverable	Water	3005A	
640-47167-82	EQ-2	Total Recoverable	Water	3005A	
640-47167-83	EQ-3	Total Recoverable	Water	3005A	
LCS 680-319944/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 680-319944/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 319974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47167-38	MW-29S	Total/NA	Water	7470A	
640-47167-47	MW-35S	Total/NA	Water	7470A	
640-47167-75	DUP-2	Total/NA	Water	7470A	
LCS 680-319974/14-A	Lab Control Sample	Total/NA	Water	7470A	
MB 680-319974/13-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 320333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47167-38	MW-29S	Total/NA	Water	7470A	319974
640-47167-47	MW-35S	Total/NA	Water	7470A	319974
640-47167-75	DUP-2	Total/NA	Water	7470A	319974
LCS 680-319974/14-A	Lab Control Sample	Total/NA	Water	7470A	319974
MB 680-319974/13-A	Method Blank	Total/NA	Water	7470A	319974

Analysis Batch: 320386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47167-71	MW-TP4S	Total Recoverable	Water	6020A	319944
640-47167-71 MS	MW-TP4S	Total Recoverable	Water	6020A	319944
640-47167-71 MSD	MW-TP4S	Total Recoverable	Water	6020A	319944
640-47167-72	MW-TP5S	Total Recoverable	Water	6020A	319944
640-47167-73	MW-TP5I	Dissolved	Water	6020A	319944
640-47167-73	MW-TP5I	Total Recoverable	Water	6020A	319944
640-47167-74	DUP-1	Total Recoverable	Water	6020A	319944
640-47167-75	DUP-2	Total Recoverable	Water	6020A	319944
640-47167-76	DUP-3	Total Recoverable	Water	6020A	319944
640-47167-77	DUP-4	Total Recoverable	Water	6020A	319944
640-47167-78	DUP-5	Total Recoverable	Water	6020A	319944
640-47167-79	DUP-6	Total Recoverable	Water	6020A	319944
640-47167-80	DUP-7	Total Recoverable	Water	6020A	319944
640-47167-81	EQ-1	Total Recoverable	Water	6020A	319944
640-47167-82	EQ-2	Total Recoverable	Water	6020A	319944
640-47167-83	EQ-3	Total Recoverable	Water	6020A	319944

Metals (Continued)

Analysis Batch: 320386 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-319944/2-A	Lab Control Sample	Total Recoverable	Water	6020A	319944
MB 680-319944/1-A	Method Blank	Total Recoverable	Water	6020A	319944

Analysis Batch: 320743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47167-1	MW-1S-R	Total Recoverable	Water	6020A	319910
640-47167-2	MW-1S-R-F	Dissolved	Water	6020A	319910
640-47167-3	MW-1I-R	Total Recoverable	Water	6020A	319910
640-47167-4	MW-2S	Total Recoverable	Water	6020A	319910
640-47167-5	MW-2I	Total Recoverable	Water	6020A	319910
640-47167-6	MW-3S	Total Recoverable	Water	6020A	319910
640-47167-7	MW-3I	Total Recoverable	Water	6020A	319910
640-47167-8	MW-4S	Total Recoverable	Water	6020A	319910
640-47167-9	MW-5S-R	Total Recoverable	Water	6020A	319910
640-47167-10	MW-6S-R	Total Recoverable	Water	6020A	319910
640-47167-11	MW-6I	Total Recoverable	Water	6020A	319910
640-47167-12	MW-7S-R	Total Recoverable	Water	6020A	319910
640-47167-13	MW-7S-R-F	Dissolved	Water	6020A	319910
640-47167-14	MW-7I	Total Recoverable	Water	6020A	319910
640-47167-15	MW-7I-F	Dissolved	Water	6020A	319928
640-47167-15 MS	MW-7I-F	Dissolved	Water	6020A	319928
640-47167-15 MSD	MW-7I-F	Dissolved	Water	6020A	319928
640-47167-16	MW-8I	Total Recoverable	Water	6020A	319928
640-47167-17	MW-9S-R	Total Recoverable	Water	6020A	319928
640-47167-18	MW-10S-R	Total Recoverable	Water	6020A	319928
640-47167-19	MW-10I	Total Recoverable	Water	6020A	319928
640-47167-20	MW-11S	Total Recoverable	Water	6020A	319928
640-47167-21	MW-12S	Total Recoverable	Water	6020A	319928
640-47167-22	MW-12I	Total Recoverable	Water	6020A	319928
640-47167-23	MW-13S-R	Total Recoverable	Water	6020A	319928
640-47167-24	MW-13I	Total Recoverable	Water	6020A	319928
640-47167-25	MW-15S	Total Recoverable	Water	6020A	319928
640-47167-26	MW-18S	Total Recoverable	Water	6020A	319928
640-47167-27	MW-19S	Total Recoverable	Water	6020A	319928
640-47167-28	MW-20S	Total Recoverable	Water	6020A	319928
640-47167-29	MW-21S	Total Recoverable	Water	6020A	319928
640-47167-30	MW-22S	Total Recoverable	Water	6020A	319928
640-47167-31	MW-23S	Total Recoverable	Water	6020A	319928
640-47167-32	MW-24S	Total Recoverable	Water	6020A	319928
640-47167-33	MW-25S	Total Recoverable	Water	6020A	319928
640-47167-34	MW-26S	Total Recoverable	Water	6020A	319928
LCS 680-319910/2-A	Lab Control Sample	Total Recoverable	Water	6020A	319910
LCS 680-319928/2-A	Lab Control Sample	Total Recoverable	Water	6020A	319928
MB 680-319910/1-A	Method Blank	Total Recoverable	Water	6020A	319910
MB 680-319928/1-A	Method Blank	Total Recoverable	Water	6020A	319928

Analysis Batch: 320795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47167-54	MW-42S	Dissolved	Water	6020A	319937
640-47167-54	MW-42S	Total Recoverable	Water	6020A	319937
640-47167-55	MW-43S	Total Recoverable	Water	6020A	319937

Metals (Continued)

Analysis Batch: 320795 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47167-55 MS	MW-43S	Total Recoverable	Water	6020A	319937
640-47167-55 MSD	MW-43S	Total Recoverable	Water	6020A	319937
640-47167-56	MW-44S	Total Recoverable	Water	6020A	319937
640-47167-57	MW-45S	Total Recoverable	Water	6020A	319937
640-47167-58	MW-46S	Total Recoverable	Water	6020A	319937
640-47167-59	MW-47S	Total Recoverable	Water	6020A	319937
640-47167-60	MW-48S	Total Recoverable	Water	6020A	319937
640-47167-61	MW-49S	Dissolved	Water	6020A	319937
640-47167-61	MW-49S	Total Recoverable	Water	6020A	319937
640-47167-62	FFFW-1-R	Total Recoverable	Water	6020A	319937
640-47167-63	FFFW-2-R	Total Recoverable	Water	6020A	319937
640-47167-64	FFFW-2I	Total Recoverable	Water	6020A	319937
640-47167-65	FFFW-3-R	Total Recoverable	Water	6020A	319937
640-47167-66	FFFW-4-R	Dissolved	Water	6020A	319937
640-47167-66	FFFW-4-R	Total Recoverable	Water	6020A	319937
640-47167-67	MW-TP1S	Total Recoverable	Water	6020A	319937
640-47167-68	MW-TP1I	Total Recoverable	Water	6020A	319937
640-47167-69	MW-TP2S	Total Recoverable	Water	6020A	319937
640-47167-70	MW-TP3S	Total Recoverable	Water	6020A	319937
LCS 680-319937/2-A	Lab Control Sample	Total Recoverable	Water	6020A	319937
MB 680-319937/1-A	Method Blank	Total Recoverable	Water	6020A	319937

Analysis Batch: 320907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47167-6	MW-3S	Total Recoverable	Water	6020A	319910
640-47167-21	MW-12S	Total Recoverable	Water	6020A	319928
640-47167-35	MW-27S-R	Total Recoverable	Water	6020A	319929
640-47167-35 MS	MW-27S-R	Total Recoverable	Water	6020A	319929
640-47167-35 MSD	MW-27S-R	Total Recoverable	Water	6020A	319929
640-47167-36	MW-28S	Total Recoverable	Water	6020A	319929
640-47167-37	MW-28S-F	Dissolved	Water	6020A	319929
640-47167-38	MW-29S	Total Recoverable	Water	6020A	319929
640-47167-39	MW-30S	Total Recoverable	Water	6020A	319929
640-47167-40	MW-31S	Total Recoverable	Water	6020A	319929
640-47167-41	MW-31S-F	Dissolved	Water	6020A	319929
640-47167-42	MW-32S-R	Total Recoverable	Water	6020A	319929
640-47167-43	MW-32I	Total Recoverable	Water	6020A	319929
640-47167-43	MW-32I	Total Recoverable	Water	6020A	319929
640-47167-44	MW-33S	Total Recoverable	Water	6020A	319929
640-47167-45	MW-34S	Total Recoverable	Water	6020A	319929
640-47167-45	MW-34S	Total Recoverable	Water	6020A	319929
640-47167-46	MW-34I	Dissolved	Water	6020A	319929
640-47167-46	MW-34I	Total Recoverable	Water	6020A	319929
640-47167-47	MW-35S	Total Recoverable	Water	6020A	319929
640-47167-48	MW-36S	Total Recoverable	Water	6020A	319929
640-47167-49	MW-37S	Total Recoverable	Water	6020A	319929
640-47167-50	MW-38S	Total Recoverable	Water	6020A	319929
640-47167-51	MW-39S	Total Recoverable	Water	6020A	319929
640-47167-52	MW-40S	Total Recoverable	Water	6020A	319929
640-47167-53	MW-41S	Total Recoverable	Water	6020A	319929
640-47167-72	MW-TP5S	Total Recoverable	Water	6020A	319944

Metals (Continued)

Analysis Batch: 320907 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47167-77	DUP-4	Total Recoverable	Water	6020A	319944
LCS 680-319910/2-A	Lab Control Sample	Total Recoverable	Water	6020A	319910
LCS 680-319929/2-A	Lab Control Sample	Total Recoverable	Water	6020A	319929
MB 680-319910/1-A	Method Blank	Total Recoverable	Water	6020A	319910
MB 680-319929/1-A	Method Blank	Total Recoverable	Water	6020A	319929

Analysis Batch: 320950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47167-79	DUP-6	Total Recoverable	Water	6020A	319944

Analysis Batch: 320963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47167-54	MW-42S	Dissolved	Water	6020A	319937
640-47167-54	MW-42S	Total Recoverable	Water	6020A	319937
640-47167-55 MS	MW-43S	Total Recoverable	Water	6020A	319937
640-47167-55 MSD	MW-43S	Total Recoverable	Water	6020A	319937
640-47167-59	MW-47S	Total Recoverable	Water	6020A	319937
640-47167-60	MW-48S	Total Recoverable	Water	6020A	319937
640-47167-61	MW-49S	Dissolved	Water	6020A	319937
640-47167-61	MW-49S	Total Recoverable	Water	6020A	319937
640-47167-63	FFFW-2-R	Total Recoverable	Water	6020A	319937
640-47167-66	FFFW-4-R	Dissolved	Water	6020A	319937
640-47167-66	FFFW-4-R	Total Recoverable	Water	6020A	319937
LCS 680-319937/2-A	Lab Control Sample	Total Recoverable	Water	6020A	319937
MB 680-319937/1-A	Method Blank	Total Recoverable	Water	6020A	319937

Analysis Batch: 323412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47167-72	MW-TP5S	Total Recoverable	Water	6020A	319944
640-47167-74	DUP-1	Total Recoverable	Water	6020A	319944
640-47167-75	DUP-2	Total Recoverable	Water	6020A	319944
640-47167-76	DUP-3	Total Recoverable	Water	6020A	319944
640-47167-77	DUP-4	Total Recoverable	Water	6020A	319944
640-47167-78	DUP-5	Total Recoverable	Water	6020A	319944
640-47167-79	DUP-6	Total Recoverable	Water	6020A	319944
640-47167-80	DUP-7	Total Recoverable	Water	6020A	319944
640-47167-81	EQ-1	Total Recoverable	Water	6020A	319944
640-47167-82	EQ-2	Total Recoverable	Water	6020A	319944
640-47167-83	EQ-3	Total Recoverable	Water	6020A	319944

Analysis Batch: 324017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47167-79	DUP-6	Total Recoverable	Water	6020A	319944
640-47167-79	DUP-6	Total Recoverable	Water	6020A	319944

Client Sample ID: MW-1S-R — Lab Sample ID: 640-47167-1

Date Collected: 03/10/14 17:50 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319910	03/17/14 09:49	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320743	03/20/14 20:37	BWR	TAL SAV

Client Sample ID: MW-1S-R-F — Lab Sample ID: 640-47167-2

Date Collected: 03/10/14 17:50 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			319910	03/17/14 09:49	BJB	TAL SAV
Dissolved	Analysis	6020A		1	320743	03/20/14 20:44	BWR	TAL SAV

Client Sample ID: MW-1I-R — Lab Sample ID: 640-47167-3

Date Collected: 03/10/14 17:17 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319910	03/17/14 09:49	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320743	03/20/14 20:51	BWR	TAL SAV

Client Sample ID: MW-2S — Lab Sample ID: 640-47167-4

Date Collected: 03/04/14 16:32 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319910	03/17/14 09:49	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320743	03/20/14 20:58	BWR	TAL SAV

Client Sample ID: MW-2I — Lab Sample ID: 640-47167-5

Date Collected: 03/04/14 16:08 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319910	03/17/14 09:49	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320743	03/20/14 21:05	BWR	TAL SAV

Client Sample ID: MW-3S — Lab Sample ID: 640-47167-6

Date Collected: 03/05/14 11:35 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319910	03/17/14 09:49	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320743	03/20/14 21:12	BWR	TAL SAV

Client Sample ID: MW-3S — **Lab Sample ID: 640-47167-6**
Date Collected: 03/05/14 11:35 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319910	03/17/14 09:49	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320907	03/20/14 21:12	BWR	TAL SAV

Client Sample ID: MW-3I — **Lab Sample ID: 640-47167-7**
Date Collected: 03/04/14 10:48 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319910	03/17/14 09:49	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320743	03/20/14 21:18	BWR	TAL SAV

Client Sample ID: MW-4S — **Lab Sample ID: 640-47167-8**
Date Collected: 03/05/14 14:23 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319910	03/17/14 09:49	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320743	03/20/14 21:25	BWR	TAL SAV

Client Sample ID: MW-5S-R — **Lab Sample ID: 640-47167-9**
Date Collected: 03/10/14 11:10 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319910	03/17/14 09:49	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320743	03/20/14 21:46	BWR	TAL SAV

Client Sample ID: MW-6S-R — **Lab Sample ID: 640-47167-10**
Date Collected: 03/04/14 16:00 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319910	03/17/14 09:49	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320743	03/20/14 21:52	BWR	TAL SAV

Client Sample ID: MW-6I — **Lab Sample ID: 640-47167-11**
Date Collected: 03/11/14 10:26 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319910	03/17/14 09:49	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320743	03/20/14 21:59	BWR	TAL SAV

Client Sample ID: MW-7S-R — Lab Sample ID: 640-47167-12

Date Collected: 03/05/14 15:47 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319910	03/17/14 09:49	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320743	03/20/14 22:06	BWR	TAL SAV

Client Sample ID: MW-7S-R-F — Lab Sample ID: 640-47167-13

Date Collected: 03/05/14 15:47 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			319910	03/17/14 09:49	BJB	TAL SAV
Dissolved	Analysis	6020A		1	320743	03/20/14 22:13	BWR	TAL SAV

Client Sample ID: MW-7I — Lab Sample ID: 640-47167-14

Date Collected: 03/11/14 14:00 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319910	03/17/14 09:49	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320743	03/20/14 22:20	BWR	TAL SAV

Client Sample ID: MW-7I-F — Lab Sample ID: 640-47167-15

Date Collected: 03/11/14 14:00 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			319928	03/17/14 10:19	BJB	TAL SAV
Dissolved	Analysis	6020A		1	320743	03/21/14 04:02	BWR	TAL SAV

Client Sample ID: MW-8I — Lab Sample ID: 640-47167-16

Date Collected: 03/04/14 14:03 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319928	03/17/14 10:19	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320743	03/21/14 04:36	BWR	TAL SAV

Client Sample ID: MW-9S-R — Lab Sample ID: 640-47167-17

Date Collected: 03/05/14 13:39 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319928	03/17/14 10:19	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320743	03/21/14 04:42	BWR	TAL SAV

Client Sample ID: MW-10S-R

Lab Sample ID: 640-47167-18

Date Collected: 03/10/14 14:14

Matrix: Water

Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319928	03/17/14 10:19	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320743	03/21/14 04:49	BWR	TAL SAV

Client Sample ID: MW-10I

Lab Sample ID: 640-47167-19

Date Collected: 03/10/14 15:02

Matrix: Water

Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319928	03/17/14 10:19	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320743	03/21/14 05:10	BWR	TAL SAV

Client Sample ID: MW-11S

Lab Sample ID: 640-47167-20

Date Collected: 03/07/14 14:28

Matrix: Water

Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319928	03/17/14 10:19	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320743	03/21/14 05:17	BWR	TAL SAV

Client Sample ID: MW-12S

Lab Sample ID: 640-47167-21

Date Collected: 03/11/14 13:39

Matrix: Water

Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319928	03/17/14 10:19	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320743	03/21/14 05:23	BWR	TAL SAV
Total Recoverable	Prep	3005A			319928	03/17/14 10:19	BJB	TAL SAV
Total Recoverable	Analysis	6020A		2	320907	03/21/14 11:33	BWR	TAL SAV

Client Sample ID: MW-12I

Lab Sample ID: 640-47167-22

Date Collected: 03/11/14 13:17

Matrix: Water

Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319928	03/17/14 10:19	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320743	03/21/14 05:30	BWR	TAL SAV

Client Sample ID: MW-13S-R

Lab Sample ID: 640-47167-23

Date Collected: 03/07/14 11:15

Matrix: Water

Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319928	03/17/14 10:19	BJB	TAL SAV

Client Sample ID: MW-13S-R — Lab Sample ID: 640-47167-23

Date Collected: 03/07/14 11:15 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Analysis	6020A		1	320743	03/21/14 05:37	BWR	TAL SAV

Client Sample ID: MW-13I — Lab Sample ID: 640-47167-24

Date Collected: 03/10/14 17:40 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319928	03/17/14 10:19	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320743	03/21/14 05:44	BWR	TAL SAV

Client Sample ID: MW-15S — Lab Sample ID: 640-47167-25

Date Collected: 03/11/14 13:02 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319928	03/17/14 10:19	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320743	03/21/14 05:51	BWR	TAL SAV

Client Sample ID: MW-18S — Lab Sample ID: 640-47167-26

Date Collected: 03/07/14 09:29 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319928	03/17/14 10:19	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320743	03/21/14 05:57	BWR	TAL SAV

Client Sample ID: MW-19S — Lab Sample ID: 640-47167-27

Date Collected: 03/05/14 14:45 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319928	03/17/14 10:19	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320743	03/21/14 06:04	BWR	TAL SAV

Client Sample ID: MW-20S — Lab Sample ID: 640-47167-28

Date Collected: 03/05/14 10:11 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319928	03/17/14 10:19	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320743	03/21/14 06:11	BWR	TAL SAV

Client Sample ID: MW-21S — Lab Sample ID: 640-47167-29

Date Collected: 03/11/14 16:18 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319928	03/17/14 10:19	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320743	03/21/14 06:31	BWR	TAL SAV

Client Sample ID: MW-22S — Lab Sample ID: 640-47167-30

Date Collected: 03/07/14 13:47 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319928	03/17/14 10:19	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320743	03/21/14 06:38	BWR	TAL SAV

Client Sample ID: MW-23S — Lab Sample ID: 640-47167-31

Date Collected: 03/04/14 15:24 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319928	03/17/14 10:19	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320743	03/21/14 06:45	BWR	TAL SAV

Client Sample ID: MW-24S — Lab Sample ID: 640-47167-32

Date Collected: 03/05/14 17:57 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319928	03/17/14 10:19	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320743	03/21/14 06:52	BWR	TAL SAV

Client Sample ID: MW-25S — Lab Sample ID: 640-47167-33

Date Collected: 03/04/14 11:54 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319928	03/17/14 10:19	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320743	03/21/14 06:59	BWR	TAL SAV

Client Sample ID: MW-26S — Lab Sample ID: 640-47167-34

Date Collected: 03/05/14 10:32 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319928	03/17/14 10:19	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320743	03/21/14 07:06	BWR	TAL SAV

Client Sample ID: MW-27S-R

Lab Sample ID: 640-47167-35

Date Collected: 03/07/14 12:46

Matrix: Water

Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319929	03/17/14 10:33	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320907	03/21/14 07:47	BWR	TAL SAV

Client Sample ID: MW-28S

Lab Sample ID: 640-47167-36

Date Collected: 03/11/14 18:45

Matrix: Water

Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319929	03/17/14 10:33	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320907	03/21/14 08:21	BWR	TAL SAV

Client Sample ID: MW-28S-F

Lab Sample ID: 640-47167-37

Date Collected: 03/11/14 18:45

Matrix: Water

Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			319929	03/17/14 10:33	BJB	TAL SAV
Dissolved	Analysis	6020A		1	320907	03/21/14 08:27	BWR	TAL SAV

Client Sample ID: MW-29S

Lab Sample ID: 640-47167-38

Date Collected: 03/12/14 14:39

Matrix: Water

Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319929	03/17/14 10:33	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320907	03/21/14 08:34	BWR	TAL SAV
Total/NA	Prep	7470A			319974	03/17/14 12:56	JKL	TAL SAV
Total/NA	Analysis	7470A		1	320333	03/18/14 13:44	BCB	TAL SAV

Client Sample ID: MW-30S

Lab Sample ID: 640-47167-39

Date Collected: 03/12/14 14:50

Matrix: Water

Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319929	03/17/14 10:33	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320907	03/21/14 08:55	BWR	TAL SAV

Client Sample ID: MW-31S

Lab Sample ID: 640-47167-40

Date Collected: 03/12/14 12:30

Matrix: Water

Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319929	03/17/14 10:33	BJB	TAL SAV

Client Sample ID: MW-31S
Lab Sample ID: 640-47167-40

Date Collected: 03/12/14 12:30
Matrix: Water
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Analysis	6020A		1	320907	03/21/14 09:02	BWR	TAL SAV

Client Sample ID: MW-31S-F
Lab Sample ID: 640-47167-41

Date Collected: 03/12/14 12:30
Matrix: Water
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			319929	03/17/14 10:33	BJB	TAL SAV
Dissolved	Analysis	6020A		1	320907	03/21/14 09:08	BWR	TAL SAV

Client Sample ID: MW-32S-R
Lab Sample ID: 640-47167-42

Date Collected: 03/11/14 11:02
Matrix: Water
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319929	03/17/14 10:33	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320907	03/21/14 09:15	BWR	TAL SAV

Client Sample ID: MW-32I
Lab Sample ID: 640-47167-43

Date Collected: 03/11/14 11:17
Matrix: Water
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319929	03/17/14 10:33	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320907	03/21/14 09:22	BWR	TAL SAV
Total Recoverable	Prep	3005A			319929	03/17/14 10:33	BJB	TAL SAV
Total Recoverable	Analysis	6020A		2	320907	03/21/14 12:00	BWR	TAL SAV

Client Sample ID: MW-33S
Lab Sample ID: 640-47167-44

Date Collected: 03/05/14 12:46
Matrix: Water
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319929	03/17/14 10:33	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320907	03/21/14 09:29	BWR	TAL SAV

Client Sample ID: MW-34S
Lab Sample ID: 640-47167-45

Date Collected: 03/05/14 16:11
Matrix: Water
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319929	03/17/14 10:33	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320907	03/21/14 09:36	BWR	TAL SAV

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: MW-34S
Date Collected: 03/05/14 16:11
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-45
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319929	03/17/14 10:33	BJB	TAL SAV
Total Recoverable	Analysis	6020A		2	320907	03/21/14 12:07	BWR	TAL SAV

Client Sample ID: MW-34I
Date Collected: 03/05/14 15:52
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-46
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			319929	03/17/14 10:33	BJB	TAL SAV
Dissolved	Analysis	6020A		1	320907	03/21/14 09:43	BWR	TAL SAV
Total Recoverable	Prep	3005A			319929	03/17/14 10:33	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320907	03/21/14 09:49	BWR	TAL SAV

Client Sample ID: MW-35S
Date Collected: 03/11/14 16:30
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-47
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319929	03/17/14 10:33	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320907	03/21/14 09:56	BWR	TAL SAV
Total/NA	Prep	7470A			319974	03/17/14 12:56	JKL	TAL SAV
Total/NA	Analysis	7470A		1	320333	03/18/14 13:38	BCB	TAL SAV

Client Sample ID: MW-36S
Date Collected: 03/07/14 09:48
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-48
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319929	03/17/14 10:33	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320907	03/21/14 10:17	BWR	TAL SAV

Client Sample ID: MW-37S
Date Collected: 03/05/14 17:36
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-49
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319929	03/17/14 10:33	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320907	03/21/14 10:31	BWR	TAL SAV

Client Sample ID: MW-38S

Lab Sample ID: 640-47167-50

Date Collected: 03/07/14 15:58

Matrix: Water

Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319929	03/17/14 10:33	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320907	03/21/14 10:37	BWR	TAL SAV

Client Sample ID: MW-39S

Lab Sample ID: 640-47167-51

Date Collected: 03/11/14 10:46

Matrix: Water

Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319929	03/17/14 10:33	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320907	03/21/14 10:44	BWR	TAL SAV

Client Sample ID: MW-40S

Lab Sample ID: 640-47167-52

Date Collected: 03/11/14 18:51

Matrix: Water

Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319929	03/17/14 10:33	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320907	03/21/14 10:51	BWR	TAL SAV

Client Sample ID: MW-41S

Lab Sample ID: 640-47167-53

Date Collected: 03/11/14 15:34

Matrix: Water

Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319929	03/17/14 10:33	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320907	03/21/14 10:58	BWR	TAL SAV

Client Sample ID: MW-42S

Lab Sample ID: 640-47167-54

Date Collected: 03/04/14 17:07

Matrix: Water

Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			319937	03/17/14 10:48	BJB	TAL SAV
Dissolved	Analysis	6020A		1	320795	03/21/14 08:06	BWR	TAL SAV
Dissolved	Prep	3005A			319937	03/17/14 10:48	BJB	TAL SAV
Dissolved	Analysis	6020A		1	320963	03/21/14 21:44	BWR	TAL SAV
Total Recoverable	Prep	3005A			319937	03/17/14 10:48	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320795	03/21/14 08:13	BWR	TAL SAV
Total Recoverable	Prep	3005A			319937	03/17/14 10:48	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320963	03/21/14 21:51	BWR	TAL SAV

Client Sample ID: MW-43S — **Lab Sample ID: 640-47167-55**
Date Collected: 03/07/14 10:05 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319937	03/17/14 10:48	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320795	03/21/14 08:21	BWR	TAL SAV

Client Sample ID: MW-44S — **Lab Sample ID: 640-47167-56**
Date Collected: 03/07/14 15:15 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319937	03/17/14 10:48	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320795	03/21/14 08:58	BWR	TAL SAV

Client Sample ID: MW-45S — **Lab Sample ID: 640-47167-57**
Date Collected: 03/10/14 11:42 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319937	03/17/14 10:48	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320795	03/21/14 09:20	BWR	TAL SAV

Client Sample ID: MW-46S — **Lab Sample ID: 640-47167-58**
Date Collected: 03/04/14 10:32 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319937	03/17/14 10:48	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320795	03/21/14 09:27	BWR	TAL SAV

Client Sample ID: MW-47S — **Lab Sample ID: 640-47167-59**
Date Collected: 03/04/14 15:41 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319937	03/17/14 10:48	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320795	03/21/14 09:34	BWR	TAL SAV
Total Recoverable	Prep	3005A			319937	03/17/14 10:48	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320963	03/21/14 23:05	BWR	TAL SAV

Client Sample ID: MW-48S — **Lab Sample ID: 640-47167-60**
Date Collected: 03/12/14 16:44 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319937	03/17/14 10:48	BJB	TAL SAV

Client Sample ID: MW-48S — Lab Sample ID: 640-47167-60

Date Collected: 03/12/14 16:44
Date Received: 03/13/14 15:55
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Analysis	6020A		1	320795	03/21/14 09:42	BWR	TAL SAV
Total Recoverable	Prep	3005A			319937	03/17/14 10:48	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320963	03/21/14 23:12	BWR	TAL SAV

Client Sample ID: MW-49S — Lab Sample ID: 640-47167-61

Date Collected: 03/11/14 19:58
Date Received: 03/13/14 15:55
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			319937	03/17/14 10:48	BJB	TAL SAV
Dissolved	Analysis	6020A		1	320795	03/21/14 09:56	BWR	TAL SAV
Dissolved	Prep	3005A			319937	03/17/14 10:48	BJB	TAL SAV
Dissolved	Analysis	6020A		1	320963	03/21/14 23:26	BWR	TAL SAV
Total Recoverable	Prep	3005A			319937	03/17/14 10:48	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320795	03/21/14 09:49	BWR	TAL SAV
Total Recoverable	Prep	3005A			319937	03/17/14 10:48	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320963	03/21/14 23:19	BWR	TAL SAV

Client Sample ID: FFFW-1-R — Lab Sample ID: 640-47167-62

Date Collected: 03/07/14 15:00
Date Received: 03/13/14 15:55
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319937	03/17/14 10:48	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320795	03/21/14 10:04	BWR	TAL SAV

Client Sample ID: FFFW-2-R — Lab Sample ID: 640-47167-63

Date Collected: 03/10/14 16:03
Date Received: 03/13/14 15:55
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319937	03/17/14 10:48	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320795	03/21/14 10:11	BWR	TAL SAV
Total Recoverable	Prep	3005A			319937	03/17/14 10:48	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320963	03/21/14 23:39	BWR	TAL SAV

Client Sample ID: FFFW-2I — Lab Sample ID: 640-47167-64

Date Collected: 03/10/14 15:24
Date Received: 03/13/14 15:55
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319937	03/17/14 10:48	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320795	03/21/14 10:19	BWR	TAL SAV

Client Sample ID: FFFW-3-R

Lab Sample ID: 640-47167-65

Date Collected: 03/07/14 11:19

Matrix: Water

Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319937	03/17/14 10:48	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320795	03/21/14 10:26	BWR	TAL SAV

Client Sample ID: FFFW-4-R

Lab Sample ID: 640-47167-66

Date Collected: 03/10/14 14:13

Matrix: Water

Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			319937	03/17/14 10:48	BJB	TAL SAV
Dissolved	Analysis	6020A		1	320795	03/21/14 10:55	BWR	TAL SAV
Dissolved	Prep	3005A			319937	03/17/14 10:48	BJB	TAL SAV
Dissolved	Analysis	6020A		1	320963	03/22/14 00:20	BWR	TAL SAV
Total Recoverable	Prep	3005A			319937	03/17/14 10:48	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320795	03/21/14 10:48	BWR	TAL SAV
Total Recoverable	Prep	3005A			319937	03/17/14 10:48	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320963	03/22/14 00:13	BWR	TAL SAV

Client Sample ID: MW-TP1S

Lab Sample ID: 640-47167-67

Date Collected: 03/11/14 09:49

Matrix: Water

Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319937	03/17/14 10:48	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320795	03/21/14 11:03	BWR	TAL SAV

Client Sample ID: MW-TP1I

Lab Sample ID: 640-47167-68

Date Collected: 03/11/14 09:27

Matrix: Water

Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319937	03/17/14 10:48	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320795	03/21/14 11:10	BWR	TAL SAV

Client Sample ID: MW-TP2S

Lab Sample ID: 640-47167-69

Date Collected: 03/05/14 12:23

Matrix: Water

Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319937	03/17/14 10:48	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320795	03/21/14 11:18	BWR	TAL SAV

Client Sample ID: MW-TP3S — **Lab Sample ID: 640-47167-70**
Date Collected: 03/04/14 13:57 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319937	03/17/14 10:48	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320795	03/21/14 11:25	BWR	TAL SAV

Client Sample ID: MW-TP4S — **Lab Sample ID: 640-47167-71**
Date Collected: 03/05/14 17:21 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319944	03/17/14 11:12	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320386	03/18/14 15:54	BWR	TAL SAV

Client Sample ID: MW-TP5S — **Lab Sample ID: 640-47167-72**
Date Collected: 03/07/14 17:00 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319944	03/17/14 11:12	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320386	03/18/14 16:30	BWR	TAL SAV
Total Recoverable	Prep	3005A			319944	03/17/14 11:12	BJB	TAL SAV
Total Recoverable	Analysis	6020A		20	323412	04/07/14 16:34	BWR	TAL SAV
Total Recoverable	Prep	3005A			319944	03/17/14 11:12	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320907	03/21/14 13:37	BWR	TAL SAV

Client Sample ID: MW-TP5I — **Lab Sample ID: 640-47167-73**
Date Collected: 03/07/14 16:37 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			319944	03/17/14 11:12	BJB	TAL SAV
Dissolved	Analysis	6020A		1	320386	03/18/14 16:45	BWR	TAL SAV
Total Recoverable	Prep	3005A			319944	03/17/14 11:12	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320386	03/18/14 16:38	BWR	TAL SAV

Client Sample ID: DUP-1 — **Lab Sample ID: 640-47167-74**
Date Collected: 03/04/14 00:00 — **Matrix: Water**
Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319944	03/17/14 11:12	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320386	03/18/14 17:07	BWR	TAL SAV
Total Recoverable	Prep	3005A			319944	03/17/14 11:12	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	323412	04/07/14 16:56	BWR	TAL SAV

Client Sample ID: DUP-2

Lab Sample ID: 640-47167-75

Date Collected: 03/12/14 00:00

Matrix: Water

Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319944	03/17/14 11:12	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320386	03/18/14 17:15	BWR	TAL SAV
Total Recoverable	Prep	3005A			319944	03/17/14 11:12	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	323412	04/07/14 17:03	BWR	TAL SAV
Total/NA	Prep	7470A			319974	03/17/14 12:56	JKL	TAL SAV
Total/NA	Analysis	7470A		1	320333	03/18/14 13:41	BCB	TAL SAV

Client Sample ID: DUP-3

Lab Sample ID: 640-47167-76

Date Collected: 03/05/14 00:00

Matrix: Water

Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319944	03/17/14 11:12	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320386	03/18/14 17:22	BWR	TAL SAV
Total Recoverable	Prep	3005A			319944	03/17/14 11:12	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	323412	04/07/14 17:11	BWR	TAL SAV

Client Sample ID: DUP-4

Lab Sample ID: 640-47167-77

Date Collected: 03/07/14 00:00

Matrix: Water

Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319944	03/17/14 11:12	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320386	03/18/14 17:29	BWR	TAL SAV
Total Recoverable	Prep	3005A			319944	03/17/14 11:12	BJB	TAL SAV
Total Recoverable	Analysis	6020A		20	323412	04/07/14 17:18	BWR	TAL SAV
Total Recoverable	Prep	3005A			319944	03/17/14 11:12	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320907	03/21/14 13:44	BWR	TAL SAV

Client Sample ID: DUP-5

Lab Sample ID: 640-47167-78

Date Collected: 03/07/14 00:00

Matrix: Water

Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319944	03/17/14 11:12	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320386	03/18/14 17:37	BWR	TAL SAV
Total Recoverable	Prep	3005A			319944	03/17/14 11:12	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	323412	04/07/14 17:25	BWR	TAL SAV

Client Sample ID: DUP-6

Lab Sample ID: 640-47167-79

Date Collected: 03/11/14 00:00

Matrix: Water

Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319944	03/17/14 11:12	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320386	03/18/14 17:44	BWR	TAL SAV
Total Recoverable	Prep	3005A			319944	03/17/14 11:12	BJB	TAL SAV
Total Recoverable	Analysis	6020A		2	320950	03/22/14 23:05	BWR	TAL SAV
Total Recoverable	Prep	3005A			319944	03/17/14 11:12	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	323412	04/07/14 17:32	BWR	TAL SAV
Total Recoverable	Prep	3005A			319944	03/17/14 11:12	BJB	TAL SAV
Total Recoverable	Analysis	6020A		5	324017	04/10/14 14:59	CME	TAL SAV
Total Recoverable	Prep	3005A			319944	03/17/14 11:12	BJB	TAL SAV
Total Recoverable	Analysis	6020A		10	324017	04/10/14 15:05	CME	TAL SAV

Client Sample ID: DUP-7

Lab Sample ID: 640-47167-80

Date Collected: 03/11/14 00:00

Matrix: Water

Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319944	03/17/14 11:12	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320386	03/18/14 17:51	BWR	TAL SAV
Total Recoverable	Prep	3005A			319944	03/17/14 11:12	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	323412	04/07/14 17:40	BWR	TAL SAV

Client Sample ID: EQ-1

Lab Sample ID: 640-47167-81

Date Collected: 03/10/14 11:31

Matrix: Water

Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319944	03/17/14 11:12	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320386	03/18/14 17:58	BWR	TAL SAV
Total Recoverable	Prep	3005A			319944	03/17/14 11:12	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	323412	04/07/14 18:02	BWR	TAL SAV

Client Sample ID: EQ-2

Lab Sample ID: 640-47167-82

Date Collected: 03/10/14 09:40

Matrix: Water

Date Received: 03/13/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319944	03/17/14 11:12	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320386	03/18/14 18:06	BWR	TAL SAV
Total Recoverable	Prep	3005A			319944	03/17/14 11:12	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	323412	04/07/14 18:09	BWR	TAL SAV

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Client Sample ID: EQ-3
Date Collected: 03/11/14 14:30
Date Received: 03/13/14 15:55

Lab Sample ID: 640-47167-83
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			319944	03/17/14 11:12	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	320386	03/18/14 18:13	BWR	TAL SAV
Total Recoverable	Prep	3005A			319944	03/17/14 11:12	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	323412	04/07/14 18:17	BWR	TAL SAV

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Certification Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-14
Georgia	State Program	4		06-30-14
Louisiana	NELAP	6	30663	06-30-14
New Jersey	NELAP	2	FL012	06-30-14
Texas	NELAP	6	T104704459-11-2	03-31-15
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
	AFCEE		SAVLAB	
A2LA	DoD ELAP		399.01	02-28-15
A2LA	ISO/IEC 17025		399.01	02-28-15
Alabama	State Program	4	41450	06-30-14
Arkansas DEQ	State Program	6	88-0692	01-31-15
California	NELAP	9	3217CA	07-31-14
Colorado	State Program	8	N/A	12-31-14
Connecticut	State Program	1	PH-0161	03-31-15
Florida	NELAP	4	E87052	06-30-14
GA Dept. of Agriculture	State Program	4	N/A	06-30-14
Georgia	State Program	4	N/A	06-30-14
Georgia	State Program	4	803	06-30-14
Guam	State Program	9	09-005r	04-17-14 *
Hawaii	State Program	9	N/A	06-30-14
Illinois	NELAP	5	200022	11-30-14
Indiana	State Program	5	N/A	06-30-14
Iowa	State Program	7	353	07-01-15
Kentucky (DW)	State Program	4	90084	12-31-14
Kentucky (UST)	State Program	4	18	06-30-14
Louisiana	NELAP	6	LA100015	12-31-14
Maine	State Program	1	GA00006	08-16-14
Maryland	State Program	3	250	12-31-14
Massachusetts	State Program	1	M-GA006	06-30-14
Michigan	State Program	5	9925	06-30-14
Mississippi	State Program	4	N/A	06-30-14
Montana	State Program	8	CERT0081	01-01-15
Nebraska	State Program	7	TestAmerica-Savannah	06-30-14
New Jersey	NELAP	2	GA769	06-30-14
New Mexico	State Program	6	N/A	06-30-14
New York	NELAP	2	10842	03-31-15
North Carolina DENR	State Program	4	269	12-31-14
North Carolina DHHS	State Program	4	13701	07-31-14
Oklahoma	State Program	6	9984	08-31-14
Pennsylvania	NELAP	3	68-00474	06-30-14
Puerto Rico	State Program	2	GA00006	12-31-14
South Carolina	State Program	4	98001	06-30-14
Tennessee	State Program	4	TN02961	06-30-14
Texas	NELAP	6	T104704185-08-TX	11-30-14
USDA	Federal		SAV 3-04	04-07-14 *

* Expired certification is currently pending renewal and is considered valid.

Laboratory: TestAmerica Savannah (Continued)

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Virginia	NELAP	3	460161	06-14-14
Washington	State Program	10	C1794	06-10-14
West Virginia DEP	State Program	3	94	06-30-14
West Virginia DHHR	State Program	3	9950C	12-31-14
Wisconsin	State Program	5	999819810	08-31-14
Wyoming	State Program	8	8TMS-L	06-30-14

Method Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

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: 640-47167-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-47167-1	MW-1S-R	Water	03/10/14 17:50	03/13/14 15:55
640-47167-2	MW-1S-R-F	Water	03/10/14 17:50	03/13/14 15:55
640-47167-3	MW-1I-R	Water	03/10/14 17:17	03/13/14 15:55
640-47167-4	MW-2S	Water	03/04/14 16:32	03/13/14 15:55
640-47167-5	MW-2I	Water	03/04/14 16:08	03/13/14 15:55
640-47167-6	MW-3S	Water	03/05/14 11:35	03/13/14 15:55
640-47167-7	MW-3I	Water	03/04/14 10:48	03/13/14 15:55
640-47167-8	MW-4S	Water	03/05/14 14:23	03/13/14 15:55
640-47167-9	MW-5S-R	Water	03/10/14 11:10	03/13/14 15:55
640-47167-10	MW-6S-R	Water	03/04/14 16:00	03/13/14 15:55
640-47167-11	MW-6I	Water	03/11/14 10:26	03/13/14 15:55
640-47167-12	MW-7S-R	Water	03/05/14 15:47	03/13/14 15:55
640-47167-13	MW-7S-R-F	Water	03/05/14 15:47	03/13/14 15:55
640-47167-14	MW-7I	Water	03/11/14 14:00	03/13/14 15:55
640-47167-15	MW-7I-F	Water	03/11/14 14:00	03/13/14 15:55
640-47167-16	MW-8I	Water	03/04/14 14:03	03/13/14 15:55
640-47167-17	MW-9S-R	Water	03/05/14 13:39	03/13/14 15:55
640-47167-18	MW-10S-R	Water	03/10/14 14:14	03/13/14 15:55
640-47167-19	MW-10I	Water	03/10/14 15:02	03/13/14 15:55
640-47167-20	MW-11S	Water	03/07/14 14:28	03/13/14 15:55
640-47167-21	MW-12S	Water	03/11/14 13:39	03/13/14 15:55
640-47167-22	MW-12I	Water	03/11/14 13:17	03/13/14 15:55
640-47167-23	MW-13S-R	Water	03/07/14 11:15	03/13/14 15:55
640-47167-24	MW-13I	Water	03/10/14 17:40	03/13/14 15:55
640-47167-25	MW-15S	Water	03/11/14 13:02	03/13/14 15:55
640-47167-26	MW-18S	Water	03/07/14 09:29	03/13/14 15:55
640-47167-27	MW-19S	Water	03/05/14 14:45	03/13/14 15:55
640-47167-28	MW-20S	Water	03/05/14 10:11	03/13/14 15:55
640-47167-29	MW-21S	Water	03/11/14 16:18	03/13/14 15:55
640-47167-30	MW-22S	Water	03/07/14 13:47	03/13/14 15:55
640-47167-31	MW-23S	Water	03/04/14 15:24	03/13/14 15:55
640-47167-32	MW-24S	Water	03/05/14 17:57	03/13/14 15:55
640-47167-33	MW-25S	Water	03/04/14 11:54	03/13/14 15:55
640-47167-34	MW-26S	Water	03/05/14 10:32	03/13/14 15:55
640-47167-35	MW-27S-R	Water	03/07/14 12:46	03/13/14 15:55
640-47167-36	MW-28S	Water	03/11/14 18:45	03/13/14 15:55
640-47167-37	MW-28S-F	Water	03/11/14 18:45	03/13/14 15:55
640-47167-38	MW-29S	Water	03/12/14 14:39	03/13/14 15:55
640-47167-39	MW-30S	Water	03/12/14 14:50	03/13/14 15:55
640-47167-40	MW-31S	Water	03/12/14 12:30	03/13/14 15:55
640-47167-41	MW-31S-F	Water	03/12/14 12:30	03/13/14 15:55
640-47167-42	MW-32S-R	Water	03/11/14 11:02	03/13/14 15:55
640-47167-43	MW-32I	Water	03/11/14 11:17	03/13/14 15:55
640-47167-44	MW-33S	Water	03/05/14 12:46	03/13/14 15:55
640-47167-45	MW-34S	Water	03/05/14 16:11	03/13/14 15:55
640-47167-46	MW-34I	Water	03/05/14 15:52	03/13/14 15:55
640-47167-47	MW-35S	Water	03/11/14 16:30	03/13/14 15:55
640-47167-48	MW-36S	Water	03/07/14 09:48	03/13/14 15:55
640-47167-49	MW-37S	Water	03/05/14 17:36	03/13/14 15:55
640-47167-50	MW-38S	Water	03/07/14 15:58	03/13/14 15:55
640-47167-51	MW-39S	Water	03/11/14 10:46	03/13/14 15:55
640-47167-52	MW-40S	Water	03/11/14 18:51	03/13/14 15:55
640-47167-53	MW-41S	Water	03/11/14 15:34	03/13/14 15:55

Sample Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47167-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-47167-54	MW-42S	Water	03/04/14 17:07	03/13/14 15:55
640-47167-55	MW-43S	Water	03/07/14 10:05	03/13/14 15:55
640-47167-56	MW-44S	Water	03/07/14 15:15	03/13/14 15:55
640-47167-57	MW-45S	Water	03/10/14 11:42	03/13/14 15:55
640-47167-58	MW-46S	Water	03/04/14 10:32	03/13/14 15:55
640-47167-59	MW-47S	Water	03/04/14 15:41	03/13/14 15:55
640-47167-60	MW-48S	Water	03/12/14 16:44	03/13/14 15:55
640-47167-61	MW-49S	Water	03/11/14 19:58	03/13/14 15:55
640-47167-62	FFFW-1-R	Water	03/07/14 15:00	03/13/14 15:55
640-47167-63	FFFW-2-R	Water	03/10/14 16:03	03/13/14 15:55
640-47167-64	FFFW-2I	Water	03/10/14 15:24	03/13/14 15:55
640-47167-65	FFFW-3-R	Water	03/07/14 11:19	03/13/14 15:55
640-47167-66	FFFW-4-R	Water	03/10/14 14:13	03/13/14 15:55
640-47167-67	MW-TP1S	Water	03/11/14 09:49	03/13/14 15:55
640-47167-68	MW-TP1I	Water	03/11/14 09:27	03/13/14 15:55
640-47167-69	MW-TP2S	Water	03/05/14 12:23	03/13/14 15:55
640-47167-70	MW-TP3S	Water	03/04/14 13:57	03/13/14 15:55
640-47167-71	MW-TP4S	Water	03/05/14 17:21	03/13/14 15:55
640-47167-72	MW-TP5S	Water	03/07/14 17:00	03/13/14 15:55
640-47167-73	MW-TP5I	Water	03/07/14 16:37	03/13/14 15:55
640-47167-74	DUP-1	Water	03/04/14 00:00	03/13/14 15:55
640-47167-75	DUP-2	Water	03/12/14 00:00	03/13/14 15:55
640-47167-76	DUP-3	Water	03/05/14 00:00	03/13/14 15:55
640-47167-77	DUP-4	Water	03/07/14 00:00	03/13/14 15:55
640-47167-78	DUP-5	Water	03/07/14 00:00	03/13/14 15:55
640-47167-79	DUP-6	Water	03/11/14 00:00	03/13/14 15:55
640-47167-80	DUP-7	Water	03/11/14 00:00	03/13/14 15:55
640-47167-81	EQ-1	Water	03/10/14 11:31	03/13/14 15:55
640-47167-82	EQ-2	Water	03/10/14 09:40	03/13/14 15:55
640-47167-83	EQ-3	Water	03/11/14 14:30	03/13/14 15:55

TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

4/11/2014

Client Information	Sampler:	Lab PM: Marks, Amy	Carrier Tracking No(s):	COC No: 640-44346-11647.1
Client Contact: ~~Mr. John Carey~~ DEB HILTON	Phone:	E-Mail: amy.marks@testamericainc.com		Page: Page 1 OF 8
Company: URS Corporation				Job #: 640-47167
Address: 1625 Summit Lake Drive Suite 200	Due Date Requested:			
City: Tallahassee	TAT Requested (days):			
State, Zip: FL, 32317				
Phone: ~~850-402-6400(Tel)~~ 402-6436	PO #: _____.US			
Email: ~~john_carey@urscorp.com~~ DEB.HILTON@URS.COM	WO #: 12806651.00000 Vendor No. 1427536			
Project Name: PCS FFF Moultrie	Project #: 64005633			
Site:	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 - Site Metals	6020A - Dissolved Site Metals	6020A, 7470A - Site metals, Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	D		
MW1SR	3-10-14	1750	G	W			1				
MW1SR-F	"	"			Y			1			
MW1IR	"	1717					1				
MW2S	3-4-14	1632					1				
MW2I	"	1608					1				
MW3S	3-5-14	1135					1				
MW3I	3-4-14	1048					1				
MW4S	3-5-14	1423					1				
MW5SR	3-10-14	1110					1				
MW6SR	3-4-14	1600					1				
MW6I	3-11-14	1026					1				

640-47167 Chain of Custody

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: 2/24/14	Time: 1145	Method of Shipment:		
Relinquished by:	Date/Time: 3-17-14 1555	Company: URS	Received by: Jennie Carpenter	Date/Time: 3/13/14 1555	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: 5.2, 2.6

TestAmerica Tallahassee
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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

4/11/2014

Client Information	Sampler:	Lab PM: Marks, Amy	Carrier Tracking No(s):	COC No: 640-44346-11647.1
Client Contact: ~~Mr. John Carey~~ DEB HILTON	Phone:	E-Mail: amy.marks@testamericainc.com		Page: Page 1 2 OF 8
Company: URS Corporation				Job #: 640-47167
Address: 1625 Summit Lake Drive Suite 200	Due Date Requested:	Analysis Requested		Preservation Codes:
City: Tallahassee	TAT Requested (days):			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:
State, Zip: FL, 32317				
Phone: ~~850-402-6409(Tel)~~ 402-6436	PO #: _____.US			
Email: ~~john_carey@urscorp.com~~ DEB.HILTON@URS.COM	WO #: 12806651.00000 Vendor No. 1427536			
Project Name: PCS FFF Moultrie	Project #: 64005633			
Site:	SSOW#:			

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 - Site Metals	6020A - Dissolved Site Metals	6020A, 7470A - Site metals, Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	D		
MW7SR	3-5-14	1547	G	W			1				
MW7SR-F	"	"			Y			1			
MW7I	3-11-14	1400					1				
MW7I-F	"	"			Y			1			
MW8I	3-4-14	1403					1				
MW9SR	3-5-14	1339					1				
MW10SR	3-10-14	1414					1				
MW10I	3-10-14	1502					1				
MW11S	3-7-14	1428					1				
MW12S	3-11-14	1339					1				
MW12I	3-11-14	1317					1				

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date: 2/24/14	Time: 1145	Method of Shipment:				
Relinquished by:	Date/Time: 3-13-14/1555	Company URS	Received by: Jonnie Campbell	Date/Time: 3/13/14 1555	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: 5.2, 2.6

TestAmerica Tallahassee
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Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

4/11/2014

Client Information	Sampler:	Lab PM: Marks, Amy	Carrier Tracking No(s):	COC No: 640-44346-11647.1
Client Contact: ~~Mr. John Carey~~ DEB HILTON	Phone:	E-Mail: amy.marks@testamericainc.com		Page: Page 1 3 OF 8
Company: URS Corporation				Job #: 640-47167

Address: 1625 Summit Lake Drive Suite 200	Due Date Requested:
City: Tallahassee	TAT Requested (days):
State, Zip: FL, 32317	
Phone: ~~850-402-6400(Tel)~~ 402-6436	PO #: _____.US
Email: ~~john_carey@urscorp.com~~ DEB.HILTON@URS.Com	WO #: 12806651.00000 Vendor No. 1427536
Project Name: PCS FFF Moultrie	Project #: 64005633
Site:	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 - Site Metals	6020A - Dissolved Site Metals	6020A, 7470A - Site metals, Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	D		
MW13SR	3-7-14	1135	G	W			1				
MW13I	3-10-14	1742					1				
MW15S	3-11-14	1302					1				
MW18S	3-7-14	0929					1				
MW19S	3-5-14	1445					1				
MW20S	3-5-14	1011					1				
MW21S	3-11-14	1618					1				
MW22S	3-7-14	1347					1				
MW23S	3-4-14	1524					1				
MW24S	3-5-14	1757					1				
MW25S	3-4-14	1154					1				

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date: 2/24/14	Time: 1145	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		3-13-14/1555	URS	Jonnie Campbell	3/13/14 1555	TAL
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	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: 5.2, 2.6

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

4/11/2014

Client Information	Sampler:	Lab PM: Marks, Amy	Carrier Tracking No(s):	COC No: 640-44346-11647.1
Client Contact: ~~Mr. John Carey~~ DEB HILTON	Phone:	E-Mail: amy.marks@testamericainc.com		Page: Page 1 4 OF 8
Company: URS Corporation				Job #: 640-47167
Address: 1625 Summit Lake Drive Suite 200	Due Date Requested:			
City: Tallahassee	TAT Requested (days):			
State, Zip: FL, 32317				
Phone: ~~850-402-6400(Tel)~~ 402-6436	PO #: _____.US			
Email: ~~john_carey@urscorp.com~~ DEB.HILTON@URS.COM	WO #: 12806651.00000 Vendor No. 1427536			
Project Name: PCS FFF Moultrie	Project #: 64005633			
Site:	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 - Site Metals	6020A - Dissolved Site Metals	6020A, 7470A - Site metals, Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	D		
MW26S	3-5-14	1032	G	W			1				
MW27SR	3-7-14	1246					1				
MW28S	3-11-14	1845					1				
MW28S-F	"	"			Y			1			
MW29S	3-12-14	1439					1		X		MERCURY
MW30S	3-12-14	1450					1				
MW31S	3-12-14	1230					1				
MW31S-F	"	"			Y			1			
MW32SR	3-11-14	1102					1				
MW32I	3-11-14	1117					1				
MW33S	3-5-14	1246					1				

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date: 2/24/14	Time: 1145	Method of Shipment:		
Relinquished by:	Date/Time: 3-13-14 / 1555	Company: URS	Received by: Jonnie Campbell	Date/Time: 3/13/14 1555	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: 5.2, 2.6

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

4/11/2014

Client Information	Sampler:	Lab PM: Marks, Amy	Carrier Tracking No(s):	COC No: 640-44346-11647.1
Client Contact: ~~Mr. John Carey~~ DEB HILTON	Phone:	E-Mail: amy.marks@testamericainc.com		Page: Page 1 5 OF 8
Company: URS Corporation				Job #: 640-47167
Address: 1625 Summit Lake Drive Suite 200	Due Date Requested:			
City: Tallahassee	TAT Requested (days):			
State, Zip: FL, 32317				
Phone: ~~850-402-6409(Tel)~~ 402-6436	PO #: _____.US			
Email: ~~john_carey@urscorp.com~~ DEB.HILTON@URS.COM	WO #: 12806651.00000 Vendor No. 1427536			
Project Name: PCS FFF Moultrie	Project #: 64005633			
Site:	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
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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 - Site Metals	6020A - Dissolved Site Metals	6020A, 7470A - Site metals, Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	D		
MW34S	3-5-14	1611	G	W			1				
MW34I	"	1552					1	1			
MW35S	3-11-14	1630					1		X		MERCURY
MW36S	3-7-14	0948					1				
MW37S	3-5-14	1736					1				
MW38S	3-7-14	1558					1				
MW39S	3-11-14	1046					1				
MW40S	"	1851					1				
MW41S	"	1534					1				
MW42S	3-4-14	1707			Y		1	1			
MW43S	3-7-14	1005					1				

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date: 2/24/14	Time: 1145	Method of Shipment:			
Relinquished by:	Date/Time: 3-13-14/1550	Company: URS	Received by: Donnie Campbell	Date/Time: 3/13/14 1555	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: 5.2, 2.8

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

4/11/2014

Client Information	Sampler:	Lab PM: Marks, Amy	Carrier Tracking No(s):	COC No: 640-44346-11647.1
Client Contact: ~~Mr. John Carey~~ DEB HILTON	Phone:	E-Mail: amy.marks@testamericainc.com		Page: Page 1 6 OF 8
Company: URS Corporation				Job #: 640-47167
Address: 1625 Summit Lake Drive Suite 200	Due Date Requested:			
City: Tallahassee	TAT Requested (days):			
State, Zip: FL, 32317				
Phone: ~~850-402-6409(Tel)~~ 402-6436	PO #: _____.US			
Email: ~~john_carey@urscorp.com~~ DEB.HILTON@URS.COM	WO #: 12806651.00000 Vendor No. 1427536			
Project Name: PCS FFF Moultrie	Project #: 64005633			
Site:	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 - Site Metals	6020A - Dissolved Site Metals	6020A, 7470A - Site metals, Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	D		
MW44S	3-7-14	1515	G	W			1				
MW45S	3-10-14	1142					1				
MW46S	3-4-14	1032					1				
MW47S	3-4-14	1541					1				
MW48S	3-12-14	1644					2				8OZ. SOIL JARS USED
MW49S	3-11-14	1958			Y		1	1			
FFFW-1-R	3-7-14	1500					1				
FFFW-2-R	3-10-14	1603					1				
FFFW-2I	3-10-14	1524					1				
FFFW-3-R	3-7-14	1119					1				
FFFW-4-R	3-10-14	1413			Y		1	1			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date: 2/24/14	Time: 1145	Method of Shipment:		
Relinquished by: RUDE	Date/Time: 3-13-14/1555	Company: URS	Received by: Jonnie Campenella	Date/Time: 3/13/14 1555	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: 5.2, 2.6

TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

4/11/2014

Client Information	Sampler:	Lab PM: Marks, Amy	Carrier Tracking No(s):	COC No: 640-44346-11647.1
Client Contact: ~~Mr. John Carey~~ DEB HILTON	Phone:	E-Mail: amy.marks@testamericainc.com		Page: ~~Page 1~~ 7 of 8
Company: URS Corporation				Job #: 640-47167
Address: 1625 Summit Lake Drive Suite 200	Due Date Requested:			
City: Tallahassee	TAT Requested (days):			
State, Zip: FL, 32317				
Phone: ~~850-402-6409(Tel)~~ 402-6436	PO #: _____.US			
Email: ~~john_carey@urscorp.com~~ DEB.HILTON@URS.COM	WO #: 12806651.00000 Vendor No. 1427536			
Project Name: PCS FFF Moultrie	Project #: 64005633			
Site:	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 - Site Metals	6020A - Dissolved Site Metals	6020A, 7470A - Site metals, Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	D		
MWTP1S	3-11-14	0949	G	W			1				
MW-TP1	3-11-14	0927					1				
MW-TP2S	3-5-14	1223					1				
MW-TP3S	3-4-14	1357					1				
MW-TP4S	3-5-14	1721					1				
MW-TP5S	3-7-14	1700					1				
MW-TP5I	"	1637			Y		1	1			
DUP1	~~3-15-14~~ 3-4-14						1				
DUP2	3-12-14						1				
DUP3	3-5-14						1				
DUP4	3-7-14						1				

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: _____ Date: 2/24/14 Time: 1145 Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	3-13-14/1555	URS	Donnie Campbell	3/13/14 1555	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: 5.2, 2.6

TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

4/11/2014

Client Information	Sampler:	Lab PM: Marks, Amy	Carrier Tracking No(s):	COC No: 640-44346-11647.1
Client Contact: ~~Mr. John Carey~~ DEB HILTON	Phone:	E-Mail: amy.marks@testamericainc.com		Page: Page 8 OF 8
Company: URS Corporation				Job #: 640-47167

Address: 1625 Summit Lake Drive Suite 200	Due Date Requested:
City: Tallahassee	TAT Requested (days):
State, Zip: FL, 32317	
Phone: ~~850-402-6400(Tel)~~ 402-6436	PO #: _____.US
Email: ~~john_carey@urscorp.com~~ DEB.HILTON@URS.COM	WO #: 12806651.00000 Vendor No. 1427536
Project Name: PCS FFF Moultrie	Project #: 64005633
Site:	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 - Site Metals	6020A - Dissolved Site Metals	6020A, 7470A - Site metals, Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	D		
DUP5	3-7-14		G	W			1				
DUP6	3-11-14						1				
DUP7	3-11-14						1				
EQ1	3-10-14	1131					1				
EQ2	3-10-14	0940					1				
EQ3	3-11-14	1430					1				

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date: 2/24/14	Time: 1145	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
RUDY	3-13-14/1555	URS	Jonnie Campbell	3/13/14 1555	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: 5.2, 2.6

ATTACHMENT 2

LIMITED SOIL ASSESSMENT – FORMER WASTEWATER PONDS AREA VOLUNTARY REMEDIATION PROGRAM

FORMER FARMER'S FAVORITE FERTILIZER SITE

315 4TH AVENUE
MOULTRIE, COLQUITT COUNTY, GEORGIA

September 9, 2014

URS Corporation
1625 Summit Lake Drive
Tallahassee, FL, 32317
(850) 574.3197

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1.1 PURPOSE

The purpose of this limited soil assessment (LSA) was to assess if soils in the unsaturated and/or saturated zones in the vicinity of two former acidulation ponds are contributing to the persistent groundwater contamination identified in site monitoring wells located near the southern boundary of the site. It was suspected that residual soils associated with the former wastewater ponds area are the continuing source of persistent groundwater contamination. This LSA investigation addressed (a) if residual impacts were present; (b) if so, then the areal extent of potential residual soil impacts in the unsaturated and/or saturated zones would be characterized; (c) if present then the results would be evaluated and a plan would be developed to remediate the area. The LSA methodology included direct-push technology (DPT) and XRF soil field screening activities.

1.2 BACKGROUND

Two former acidulation ponds were located on the southern portion of the Former Farmer's Favorite Fertilizer Site (**Figure 1**). These ponds were part of the phosphate/superphosphate fertilizer production that occurred at the facility prior to the early 1980s and prior to the purchase of facility by FFF. In 1983, FFF cleaned the smaller of the two acidulation ponds (north pond). During the cleaning appropriate 1,000 tons of sludge were removed and disposed of as non-hazardous sludge at the Colquitt County Landfill. Following sludge removal the north pond was lined with clay. Prior to this, neither pond was lined. The south pond was not cleaned during 1983. In September 1983, superphosphate production resumed and the ponds remained in operation as effluent holding pond until 1986. In 1985, FFF installed process equipment to allow recirculation of superphosphate and granulation plant effluent to maintain a closed system and eliminate discharge to ponds. Discharge to the ponds ceased in 1986 after the closed system become operational. Standing water was drained and sludge was removed in 1986. It is reported that 5,000 tons of sludge was removed from the ponds, tested, and disposed of in the county landfill.

There are 15 metals identified for the Site as Constituents of Concern (COCs). Lead and arsenic have the largest footprint extent within the Site and all other metal exceedances are found within either the lead or arsenic plume extents. Monitoring wells MW-TP5S and FFFW-2R lie immediately downgradient of the former south pond and MW45S and FFFW-4R lie immediately downgradient of the former north pond (**Figure 1**). Groundwater from each of these monitoring wells has shown continuing exceedances for the COCs. Nonetheless the groundwater plume for the Site has not indicated any significant movement and the plume remains on site even on the south boundary. Groundwater results for downgradient off-site monitoring wells, MW-23S and MW-47S show concentrations that are consistently non-detect.

The scope work included continuous soil sampling for onsite soil analysis of arsenic and lead using an x-ray fluorescence (XRF) instrument and soil characterization using an offsite laboratory in the vicinity of the former wastewater ponds located near the southern boundary of the site. The decision to collect field screening samples for arsenic and lead was based on their identified groundwater contaminant plumes that encompass the majority of remaining contaminant plumes. Site cleanup target levels for lead and arsenic are 930 and 41 milligrams/kilogram (mg/kg), respectively.

2.1 FIELD ACTIVITIES

On March 3 through 5, 2014, Huss Drilling, Inc. (Huss) (a bonded contractor in Georgia) under the supervision of URS personnel advanced 26 direct push points (DPT-1 through DPT-26) in the vicinity of the former ponds located near the southern boundary of the site. Each direct push soil boring was advanced to 16 feet below land surface (ft bls) except DPT-8, DPT-9, DPT-12, and DPT-17. These four boring hit refusal at varies depths: DPT-8 hit refusal at 9 ft bls, DPT-9 hit refusal at 7 ft bls, DPT-12 hit refusal at 4 ft bls, and DPT-17 hit refusal at 5 ft bls. Soil samples were collected continuously at 2-foot intervals to 16 ft bls.

2.1.1 Sample Collection and Analysis

The XRF instrument was calibrated by the rental supplier prior to shipping and verified at the beginning and end of each day by URS personnel. Prior to XRF soil screening, each soil sample collected at the interval 0-2 ft was homogenized in a clean zip-lock bag and labeled with depth. After homogenization, each sample was analyzed using the XRF instrument. Samples collected 2-16 feet in 2-ft intervals were analyzed directly on the sample sleeve. Final field screening values for each direct push boring location are presented in **Table 1**. Soil sampling equipment was decontaminated between each borehole with water and Liquinox detergent.

2.1.2 Sample Location

The primary sampling points of focus were in the immediate vicinity of monitoring wells MW-TP5S/FFFW-2R and FFFW-4R/MW45S. Four samples were taken approximately 5 ft northeast, northwest, southeast, and southwest of each of these wells. All other samples were taken within the area of the former ponds. The soil boring locations are depicted on **Figure 1**.

2.1.3 Soil Boring abandonment

Upon completion of soil boring activities, soil borings were properly abandoned with grout using a tremie pipe to the maximum extent possible. The ground surface was restored to match the existing surface cover. Soil boring locations were located using a global positioning system.

2.2 LABORATORY ANALYSIS

Soil samples from nine locations were collected and submitted for laboratory analysis to validate the arsenic/lead concentrations measured in the field by the XRF instrument. Confirmatory samples were collected from the soil samples with the highest XRF readings [DPT-3 (5-7), DPT-9 (0-2), DPT-25 (0-2)], the samples with medium range XRF readings [DPT-4 (9-11), DPT-7 (0-2), DPT-12 (0-2)], and finally the samples with the lowest XRF readings [DPT-5 (15-16), DPT-8 (0-2), DPT-26 (5-7) and sent under chain-of-custody to TestAmerica

Laboratories, Inc. (TestAmerica) for laboratory analysis by the United States Environmental Protection Agency (USEPA) Method 6010C for lead and arsenic. The analytical results for the nine samples are presented in **Table 2.** The laboratory analytical report is presented as **Appendix A**. In general, all XRF field screening results were higher than the laboratory analysis results.

2.3 INVESTIGATIVE DERIVED WASTE

Soil cuttings and decontamination waste generated during the DPT activities were temporarily staged on-site in two 55-gallon drums. The two 55-gallon drums of investigative-derived waste were removed from the site on March 21, 2014, for proper disposal by Perma-Fix of Florida, Inc. in Gainesville, Florida. The non-hazardous waste manifest is provided as **Appendix B**.

3.1 RESULTS

The decision to collect field screening samples for arsenic and lead was based on their identified groundwater contaminant plumes that encompass the majority of remaining contaminant plumes. The action level of arsenic and lead is 41 mg/kg and 930 mg/kg, respectively. Although arsenic was detected in four samples and lead was detected in over half of the samples, no samples exceeded these action levels. The XRF generally reported higher concentrations when compared to the laboratory results. The comparison of the laboratory analytical results and the XRF instrument results are presented in **Table 2**.

3.2 CONCLUSIONS

The XRF field screening results which were verified by laboratory analyses indicate that there is no residual contaminant mass persisting in the unsaturated soils in the area where the former wastewater ponds were located. Additionally, XRF results did not identify a residual mass within the saturated zone.

It can be concluded that there is no apparent residual source of contaminants impacting the groundwater for this area and that groundwater concentrations are reflective of past operational history.

TABLES

Table 1
SOIL INVESTIGATION
X-RAY FLUORESCENCE READINGS
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Sample ID	Date	Depth Interval (ft)	Arsenic		Lead	
			As (ppm)	As LOD (+/-)	Pb (ppm)	Pb LOD (+/-)
DPT-1	3/4/2014	0-2	<9	9	<12	12
		2-4	<11	11	<14	14
		5-7	<8	8	<12	12
		7-9	<8	8	<12	12
		9-11	<8	8	<12	12
		11-13	<11	11	26	5
		13-14	<9	9	<13	13
		14-15	<9	9	<13	13
		15-16	<10	10	<14	14
DPT-2	3/4/2014	0-2	<10	10	20	4
		2-5	<15	15	84	7
		5-7	<9	9	14	4
		7-9	<8	8	<11	11
		11-15	<11	11	<15	15
		13-15	<10	10	<14	14
		15-16	<10	10	<14	14
DPT-3	3/4/2014	0-2	<9	9	<12	12
		2-4	<9	9	<11	11
		5-7	<16	16	127	7
		7-9	14	4	50	5
		9-11	<12	12	<15	15
		11-13	<11	11	19	5
		13-15	<10	10	17	5
		15-16	<9	9	16	5
DPT-4	3/4/2014	0-2	<10	10	21	4
		2-5	<9	9	<12	12
		5-7	<8	8	<11	11
		7-9	<9	9	<12	12
		9-11	<14	14	67	6
		11-13	<9	9	<12	12
		13-15	<10	10	19	5
		15-16	<10	10	<14	14
DPT-5	3/4/2014	0-2	<10	10	22	5
		2-5	<11	11	37	5
		5-7	<9	9	18	4
		7-9	<8	8	<12	12
		9-11	<9	9	<12	12
		11-13	<12	12	<16	16
		13-15	<11	11	<14	14
		15-16	<10	10	27	5
DPT-6	3/4/2014	0-2	<11	11	39	5
		2-5	<11	11	36	5
		5-7	<10	10	26	5
		7-9	<7	7	<11	11
		9-11	<10	10	17	5
		11-13	<11	11	18	5
		13-15	<10	10	16	5
		15-16	<11	11	24	5

Notes:
LOD = Level of Detection
<Numeric Value = Less than LOD
Readings measured in parts per million (ppm)
= XRF reading greater than LOD

Table 1
SOIL INVESTIGATION
X-RAY FLUORESCENCE READINGS
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Sample ID	Date	Depth Interval (ft)	Arsenic		Lead	
			As (ppm)	As LOD (+/-)	Pb (ppm)	Pb LOD (+/-)
DPT-7	3/4/2014	0-2	10	3	<12	12
		2-5	<8	8	<11	11
		5-7	<10	10	23	4
		7-9	<8	8	<11	11
		9-11	<10	10	15	5
		11-13	<9	9	<13	13
		13-15	<9	9	<13	13
		15-16	<9	9	<12	12
DPT-8	3/4/2014	0-2	<9	9	14	4
		2-5	<9	9	21	4
		5-7	<13	13	46	6
		7-9	<10	10	25	5
DPT-9	3/4/2014	0-2	13	4	43	5
		2-5	<11	11	27	5
		5-7	<13	13	61	6
DPT-10	3/4/2014	0-2	<11	11	17	5
		2-5	<12	12	32	5
		5-7	<12	12	41	5
		7-9	<9	9	<13	13
		9-11	<10	10	<14	14
		11-13	<9	9	<13	13
		13-15	<9	9	<14	14
		15-16	<10	10	19	5
DPT-11	3/4/2014	0-2	<11	11	27	5
		2-5	<11	11	18	5
		5-7	<13	13	53	6
		7-9	<8	8	<11	11
		9-11	<10	10	19	5
		11-13	<9	9	<12	12
		13-15	<9	9	14	5
		15-16	<11	11	<16	16
DPT-12	3/4/2014	0-2	<13	13	23	5
		2-4	<12	12	47	5
DPT-13	3/4/2014	0-2	<11	11	32	5
		2-5	<14	14	85	7
		5-7	<11	11	26	5
		7-9	<12	12	26	5
		9-11	<10	10	20	4
		11-13	<9	9	<12	12
		13-15	<10	10	25	5
		15-16	<10	10	17	5
DPT-14	3/4/2014	0-2	<9	9	24	4
		2-5	<11	11	40	5
		5-7	<8	8	<12	12
		7-9	<8	8	<11	11
		10-12	<8	8	<10	10
		12	<9	9	<12	12
		12-13	<10	10	14	5
		13-15	<11	11	20	5
		15-16	<11	11	21	5

Notes:
LOD = Level of Detection
<Numeric Value = Less than LOD
Readings measured in parts per million (ppm)
= XRF reading greater than LOD

Table 1
SOIL INVESTIGATION
X-RAY FLUORESCENCE READINGS
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Sample ID	Date	Depth Interval (ft)	Arsenic		Lead	
			As (ppm)	As LOD (+/-)	Pb (ppm)	Pb LOD (+/-)
DPT-15	3/5/2014	0-2	<11	11	<16	16
		2-5	<9	9	19	4
		5-7	<9	9	<12	12
		7-9	<8	8	<12	12
		9-11	<14	14	34	6
		11-13	<10	10	16	5
		13-15	<10	10	<14	14
		15-16	<12	12	26	6
DPT-16	3/5/2014	0-2	<9	9	<13	13
		2-5	<9	9	<13	13
		5-7	<9	9	13	4
		7-9	<10	10	16	5
		9-11	<10	10	<13	13
		11-13	<11	11	20	5
		13-15	<10	10	19	5
		15-16	<10	10	16	5
DPT-17	3/5/2014	0-2	<14	14	51	6
		2-5	<12	12	27	5
DPT-18	3/5/2014	0-2	<12	12	35	5
		2-5	<11	11	25	5
		5-7	<9	9	<13	13
		7-9	<10	10	27	5
		9-11	<11	11	33	5
		11-13	<9	9	<12	12
		13-15	<10	10	<14	14
		15-16	<8	8	<11	11
DPT-19	3/5/2014	0-2	<10	10	22	4
		2-5	<9	9	<12	12
		5-7	<11	11	40	5
		7-9	<9	9	14	4
		9-11	<10	10	<15	15
		11-13	<11	11	<14	14
		13-15	<10	10	17	5
		15-16	<12	12	36	5
DPT-20	3/5/2014	0-2	<15	15	84	7
		2-5	<11	11	40	5
		5-7	<9	9	13	4
		7-9	<8	8	<12	12
		9-11	<10	10	23	5
		11-13	<10	10	20	5
		13-15	<11	11	26	5
		15-16	<11	11	33	5
DPT-21	3/5/2014	0-2	<18	18	127	8
		2-5	<11	11	20	5
		5-7	<8	8	<12	12
		7-9	<9	9	<12	12
		9-11	<9	9	15	4
		11-13	<10	10	19	5
		13-15	<12	12	37	6
		15-16	<12	12	27	5

Notes:
LOD = Level of Detection
<Numeric Value = Less than LOD
Readings measured in parts per million (ppm)
= XRF reading greater than LOD

Table 1
SOIL INVESTIGATION
X-RAY FLUORESCENCE READINGS
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Sample ID	Date	Depth Interval (ft)	Arsenic		Lead	
			As (ppm)	As LOD (+/-)	Pb (ppm)	Pb LOD (+/-)
DPT-22	3/5/2014	0-2	10	3	<12	12
		2-5	<13	13	43	6
		5-7	<9	9	18	4
		7-9	<7	7	<10	10
		9-11	<9	9	17	4
		11-13	<9	9	<12	12
		13-15	<9	9	20	5
		15-16	<10	10	14	5
DPT-23	3/5/2014	0-2	<12	12	26	6
		2-5	<13	13	49	6
		5-7	<8	8	<11	11
		7-9	<8	8	<11	11
		9-11	<7	7	<10	10
		11-13	<9	9	<12	12
		13-15	<12	12	19	6
		15-16	<10	10	15	5
DPT-24	3/5/2014	0-2	<14	14	67	6
		2-5	<10	10	21	4
		5-7	<9	9	14	4
		7-9	<11	11	<15	15
		9-11	<8	8	<12	12
		11-13	<13	13	20	6
		13-15	<10	10	<14	14
		15-16	<17	17	39	8
DPT-25	3/5/2014	0-2	<19	19	142	8
		2-5	<12	12	53	6
		5-7	<9	9	15	4
		7-9	<10	10	15	5
		9-11	<11	11	15	5
		11-13	<9	9	17	4
		13-15	<18	18	109	8
		15-16	<9	9	17	5
DPT-26	3/5/2014	0-2	<10	10	24	5
		2-5	<11	11	17	5
		5-7	<17	17	64	7
		7-9	<8	8	14	4
		9-11	<8	8	<12	12
		11-13	<8	8	<12	12
		13-15	<9	9	15	4
		15-16	<9	9	<12	12

Notes:
LOD = Level of Detection
<Numeric Value = Less than LOD
Readings measured in parts per million (ppm)
= XRF reading greater than LOD

TABLE 2
SOIL ANALYTICAL SUMMARY
Former Farmers Favorite Fertilizer - Moultrie, Georgia

Sample ID	DPT-3 (5-7) High		DPT-4 (9-11) Med		DPT-5 (15-16) Low		DPT-7 (0-2) Med		DPT-8 (0-2) Low	
Sample Collection Date	3/4/2014		3/4/2014		3/4/2014		3/4/2014		3/4/2014	
Sample Interval (ft)	5-7		9-11		15-16		0-2		0-2	
Parameter	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
XRF Field Screening (ppm)	<16	127	<14	67	<10	27	10	12	<9	14
Metals by 6010C (mg/kg)	7.3	70	6.2	29	0.88 J	6.3	1.8 J	7.2	2.3	24

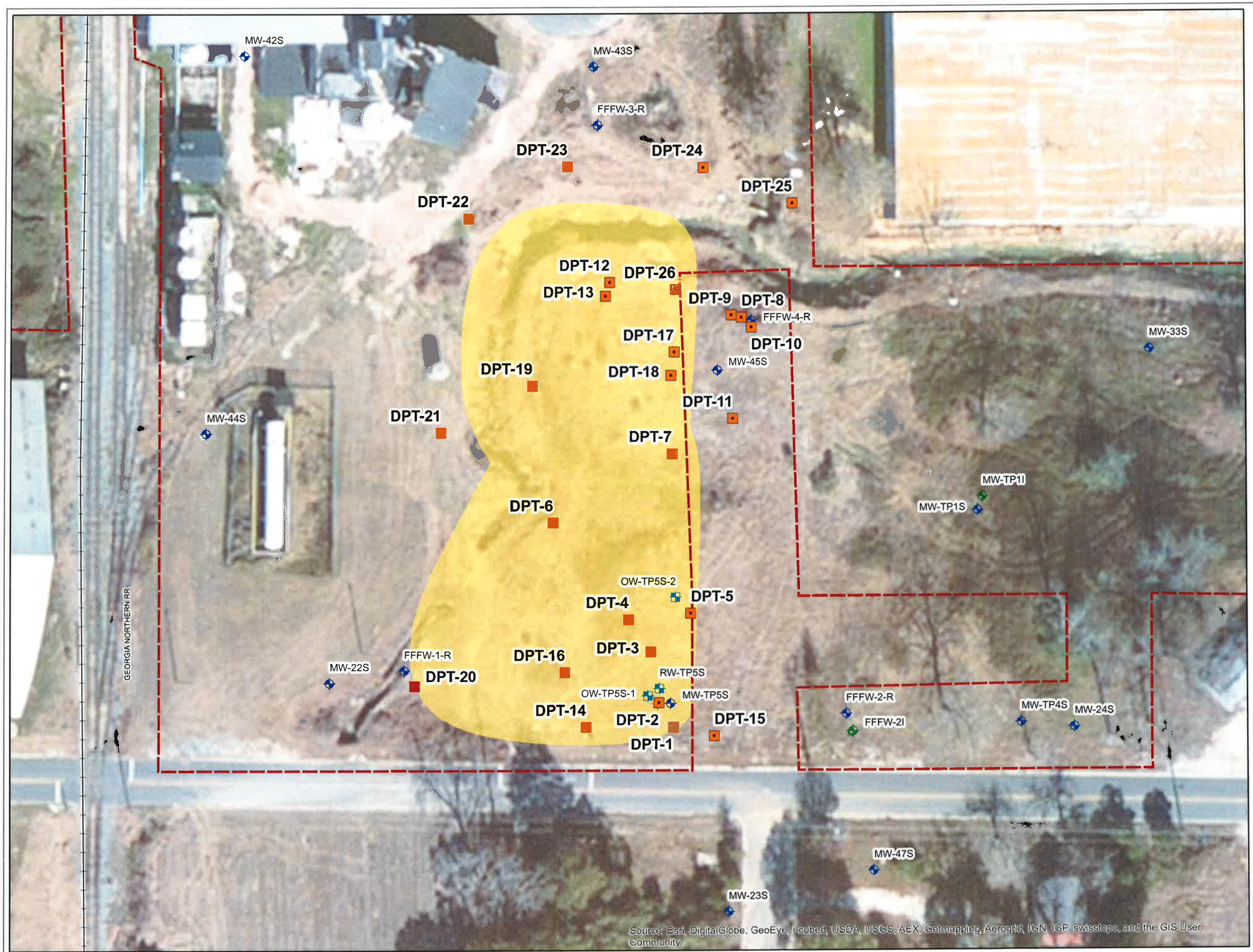
Notes:
ft - feet
ppm - parts per million
mg/kg - milligrams per kilogram
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U - Indicates the analyte was analyzed for but not detected.
* Contaminant is not a health concern for this exposure scenario.
** Direct exposure based on acute toxicity considerations
*** Leachability values may be derived using the SPLP Test to calculate site-specific SCTLs or may be determined using TCLP in the event oily wastes are present
# Site concentrations for carcinogenic polycyclic aromatic hydrocarbons must be converted to Benzo(a)pyrene equivalents before comparison with the appropriate direct exposure SCTL for Benzo(a)pyrene using the approach described in the February 2005 'Final Technical Report: Development of Cleanup Target Levels (CTLs) for Chapter 62-777, F.A.C.

TABLE 2
SOIL ANALYTICAL SUMMARY
Former Farmers Favorite Fertilizer - Moultrie, Georgia

Sample ID	DPT-9 (0-2) High		DPT-12 (0-2) Med		DPT-25 (0-2) High		DPT-26 (5-7) Low	
Sample Collection Date	3/4/2014		3/4/2014		3/5/2014		3/5/2014	
Sample Interval (ft)	0-2		0-2		0-2		5-7	
Parameter	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
XRF Field Screening (ppm)	13	43	<13	23	<19	142	<17	64
Metals by 6010C (mg/kg)	5.4	43	2.1 J	32	3.0	95	0.60 U	3.1

Notes:
ft - feet
ppm - parts per million
mg/kg - milligrams per kilogram
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U - Indicates the analyte was analyzed for but not detected.
* Contaminant is not a health concern for this exposure scenario.
** Direct exposure based on acute toxicity considerations
*** Leachability values may be derived using the SPLP Test to calculate site-specific SCTLs or may be determined using TCLP in the event oily wastes are present
# Site concentrations for carcinogenic polycyclic aromatic hydrocarbons must be converted to Benzo(a)pyrene equivalents before comparison with the appropriate direct exposure SCTL for Benzo(a)pyrene using the approach described in the February 2005 'Final Technical Report: Development of Cleanup Target Levels (CTLs) for Chapter 62-777, F.A.C.

FIGURES



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

- Soil Boring
- Shallow Monitoring Well
- Intermediate Monitoring Well
- Test Well
- Approximate Site Boundary
- Railroad
- Approximate Location of Historical Ponds

Coordinate System:
NAD 1983 Stateplane Georgia West, Feet

N

30 15 0 30
Feet

8 4 0 8
Meters

Figure
1

Direct Push Sample Locations
March 2014

URS
Tallahassee, Florida

Document Path: G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\Groundwater_Reports\2014_09\Fig1_DPT_samp_locs.mxd

APPENDIX A

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: 640-47079-1
Client Project/Site: PCS FFF Moultrie

For:
URS Corporation
1625 Summit Lake Drive
Suite 200
Tallahassee, Florida 32317

Attn: Mr. Jeff Wagner

Authorized for release by:
3/18/2014 4:53:55 PM

Amy Marks, Project Manager II
(850)878-3994
amy.marks@testamericainc.com

Table of Contents

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47079-1

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 640-47079-1

Laboratory: TestAmerica Tallahassee

Narrative

Job Narrative
640-47079-1

Comments
No additional comments.

Receipt
The samples were received on 3/6/2014 at 12:44 PM. The samples arrived in good condition, properly preserved, and on ice. The temperature of the cooler at receipt was 1.2º C.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47079-1

Client Sample ID: DPT-3 (5-7) High — Lab Sample ID: 640-47079-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.3		2.4	0.70	mg/Kg	1	☼	6010C	Total/NA
Lead	70		1.2	0.63	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: DPT-4 (9-11) Med — Lab Sample ID: 640-47079-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.2		2.2	0.66	mg/Kg	1	☼	6010C	Total/NA
Lead	29		1.1	0.59	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: DPT-5 (15-16) Low — Lab Sample ID: 640-47079-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.88	J	2.1	0.63	mg/Kg	1	☼	6010C	Total/NA
Lead	6.3		1.1	0.57	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: DPT-7 (0-2) Med — Lab Sample ID: 640-47079-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.8	J	2.0	0.60	mg/Kg	1	☼	6010C	Total/NA
Lead	7.2		1.0	0.54	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: DPT-8 (0-2) Low — Lab Sample ID: 640-47079-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.3		2.3	0.69	mg/Kg	1	☼	6010C	Total/NA
Lead	24		1.2	0.62	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: DPT-9 (0-2) High — Lab Sample ID: 640-47079-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.4		2.3	0.67	mg/Kg	1	☼	6010C	Total/NA
Lead	43		1.1	0.60	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: DPT-12 (0-2) Med — Lab Sample ID: 640-47079-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.1	J	2.2	0.64	mg/Kg	1	☼	6010C	Total/NA
Lead	32		1.1	0.57	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: DPT-25 (0-2) High — Lab Sample ID: 640-47079-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.0		2.3	0.67	mg/Kg	1	☼	6010C	Total/NA
Lead	95		1.1	0.60	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: DPT-26 (5-7) Low — Lab Sample ID: 640-47079-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.1		1.0	0.54	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Method: 6010C - Metals (ICP)

Client Sample ID: DPT-3 (5-7) High — **Lab Sample ID: 640-47079-1**
Date Collected: 03/04/14 11:20 — **Matrix: Solid**
Date Received: 03/06/14 12:44 — **Percent Solids: 82.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.3		2.4	0.70	mg/Kg	☼	03/10/14 09:20	03/11/14 22:49	1
Lead	70		1.2	0.63	mg/Kg	☼	03/10/14 09:20	03/11/14 22:49	1

Client Sample ID: DPT-4 (9-11) Med — **Lab Sample ID: 640-47079-2**
Date Collected: 03/04/14 11:44 — **Matrix: Solid**
Date Received: 03/06/14 12:44 — **Percent Solids: 82.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.2		2.2	0.66	mg/Kg	☼	03/10/14 09:20	03/11/14 22:54	1
Lead	29		1.1	0.59	mg/Kg	☼	03/10/14 09:20	03/11/14 22:54	1

Client Sample ID: DPT-5 (15-16) Low — **Lab Sample ID: 640-47079-3**
Date Collected: 03/04/14 12:12 — **Matrix: Solid**
Date Received: 03/06/14 12:44 — **Percent Solids: 82.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.88	J	2.1	0.63	mg/Kg	☼	03/10/14 09:20	03/11/14 22:59	1
Lead	6.3		1.1	0.57	mg/Kg	☼	03/10/14 09:20	03/11/14 22:59	1

Client Sample ID: DPT-7 (0-2) Med — **Lab Sample ID: 640-47079-4**
Date Collected: 03/04/14 13:57 — **Matrix: Solid**
Date Received: 03/06/14 12:44 — **Percent Solids: 89.1**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.8	J	2.0	0.60	mg/Kg	☼	03/10/14 09:20	03/11/14 23:04	1
Lead	7.2		1.0	0.54	mg/Kg	☼	03/10/14 09:20	03/11/14 23:04	1

Client Sample ID: DPT-8 (0-2) Low — **Lab Sample ID: 640-47079-5**
Date Collected: 03/04/14 14:13 — **Matrix: Solid**
Date Received: 03/06/14 12:44 — **Percent Solids: 85.0**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.3		2.3	0.69	mg/Kg	☼	03/10/14 09:20	03/11/14 23:09	1
Lead	24		1.2	0.62	mg/Kg	☼	03/10/14 09:20	03/11/14 23:09	1

Client Sample ID: DPT-9 (0-2) High — **Lab Sample ID: 640-47079-6**
Date Collected: 03/04/14 14:34 — **Matrix: Solid**
Date Received: 03/06/14 12:44 — **Percent Solids: 84.1**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.4		2.3	0.67	mg/Kg	☼	03/10/14 09:20	03/11/14 23:14	1
Lead	43		1.1	0.60	mg/Kg	☼	03/10/14 09:20	03/11/14 23:14	1

Client Sample ID: DPT-12 (0-2) Med — **Lab Sample ID: 640-47079-7**
Date Collected: 03/04/14 15:40 — **Matrix: Solid**
Date Received: 03/06/14 12:44 — **Percent Solids: 83.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.1	J	2.2	0.64	mg/Kg	☼	03/10/14 09:20	03/11/14 23:19	1
Lead	32		1.1	0.57	mg/Kg	☼	03/10/14 09:20	03/11/14 23:19	1

Client Sample ID: DPT-25 (0-2) High — **Lab Sample ID: 640-47079-8**
Date Collected: 03/05/14 14:30 — **Matrix: Solid**
Date Received: 03/06/14 12:44 — **Percent Solids: 86.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.0		2.3	0.67	mg/Kg	☼	03/10/14 09:20	03/11/14 23:34	1
Lead	95		1.1	0.60	mg/Kg	☼	03/10/14 09:20	03/11/14 23:34	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47079-1

Method: 6010C - Metals (ICP)

Client Sample ID: DPT-26 (5-7) Low
Date Collected: 03/05/14 15:46
Date Received: 03/06/14 12:44

Lab Sample ID: 640-47079-9
Matrix: Solid
Percent Solids: 87.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.60	U	2.0	0.60	mg/Kg	☼	03/10/14 09:20	03/11/14 23:39	1
Lead	**3.1**		1.0	0.54	mg/Kg	☼	03/10/14 09:20	03/11/14 23:39	1

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 680-318852/1-A
Matrix: Solid
Analysis Batch: 319281

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 318852

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.59	U	2.0	0.59	mg/Kg		03/10/14 09:20	03/11/14 22:00	1
Lead	0.53	U	1.0	0.53	mg/Kg		03/10/14 09:20	03/11/14 22:00	1

Lab Sample ID: LCS 680-318852/2-A
Matrix: Solid
Analysis Batch: 319281

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 318852

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	8.93	7.64		mg/Kg		86	75 - 125
Lead	4.46	3.78		mg/Kg		85	75 - 125

QC Association Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47079-1

Metals

Prep Batch: 318852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47079-1	DPT-3 (5-7) High	Total/NA	Solid	3050B	
640-47079-2	DPT-4 (9-11) Med	Total/NA	Solid	3050B	
640-47079-3	DPT-5 (15-16) Low	Total/NA	Solid	3050B	
640-47079-4	DPT-7 (0-2) Med	Total/NA	Solid	3050B	
640-47079-5	DPT-8 (0-2) Low	Total/NA	Solid	3050B	
640-47079-6	DPT-9 (0-2) High	Total/NA	Solid	3050B	
640-47079-7	DPT-12 (0-2) Med	Total/NA	Solid	3050B	
640-47079-8	DPT-25 (0-2) High	Total/NA	Solid	3050B	
640-47079-9	DPT-26 (5-7) Low	Total/NA	Solid	3050B	
LCS 680-318852/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 680-318852/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 319281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47079-1	DPT-3 (5-7) High	Total/NA	Solid	6010C	318852
640-47079-2	DPT-4 (9-11) Med	Total/NA	Solid	6010C	318852
640-47079-3	DPT-5 (15-16) Low	Total/NA	Solid	6010C	318852
640-47079-4	DPT-7 (0-2) Med	Total/NA	Solid	6010C	318852
640-47079-5	DPT-8 (0-2) Low	Total/NA	Solid	6010C	318852
640-47079-6	DPT-9 (0-2) High	Total/NA	Solid	6010C	318852
640-47079-7	DPT-12 (0-2) Med	Total/NA	Solid	6010C	318852
640-47079-8	DPT-25 (0-2) High	Total/NA	Solid	6010C	318852
640-47079-9	DPT-26 (5-7) Low	Total/NA	Solid	6010C	318852
LCS 680-318852/2-A	Lab Control Sample	Total/NA	Solid	6010C	318852
MB 680-318852/1-A	Method Blank	Total/NA	Solid	6010C	318852

General Chemistry

Analysis Batch: 318884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47079-1	DPT-3 (5-7) High	Total/NA	Solid	Moisture	
640-47079-2	DPT-4 (9-11) Med	Total/NA	Solid	Moisture	
640-47079-3	DPT-5 (15-16) Low	Total/NA	Solid	Moisture	
640-47079-4	DPT-7 (0-2) Med	Total/NA	Solid	Moisture	
640-47079-5	DPT-8 (0-2) Low	Total/NA	Solid	Moisture	
640-47079-6	DPT-9 (0-2) High	Total/NA	Solid	Moisture	
640-47079-7	DPT-12 (0-2) Med	Total/NA	Solid	Moisture	
640-47079-8	DPT-25 (0-2) High	Total/NA	Solid	Moisture	
640-47079-9	DPT-26 (5-7) Low	Total/NA	Solid	Moisture	

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47079-1

Client Sample ID: DPT-3 (5-7) High — Lab Sample ID: 640-47079-1

Date Collected: 03/04/14 11:20 — **Matrix: Solid**
Date Received: 03/06/14 12:44 — **Percent Solids: 82.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			318852	03/10/14 09:20	JKL	TAL SAV
Total/NA	Analysis	6010C		1	319281	03/11/14 22:49	BCB	TAL SAV
Total/NA	Analysis	Moisture		1	318884	03/10/14 10:36	WJE	TAL SAV

Client Sample ID: DPT-4 (9-11) Med — Lab Sample ID: 640-47079-2

Date Collected: 03/04/14 11:44 — **Matrix: Solid**
Date Received: 03/06/14 12:44 — **Percent Solids: 82.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			318852	03/10/14 09:20	JKL	TAL SAV
Total/NA	Analysis	6010C		1	319281	03/11/14 22:54	BCB	TAL SAV
Total/NA	Analysis	Moisture		1	318884	03/10/14 10:36	WJE	TAL SAV

Client Sample ID: DPT-5 (15-16) Low — Lab Sample ID: 640-47079-3

Date Collected: 03/04/14 12:12 — **Matrix: Solid**
Date Received: 03/06/14 12:44 — **Percent Solids: 82.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			318852	03/10/14 09:20	JKL	TAL SAV
Total/NA	Analysis	6010C		1	319281	03/11/14 22:59	BCB	TAL SAV
Total/NA	Analysis	Moisture		1	318884	03/10/14 10:36	WJE	TAL SAV

Client Sample ID: DPT-7 (0-2) Med — Lab Sample ID: 640-47079-4

Date Collected: 03/04/14 13:57 — **Matrix: Solid**
Date Received: 03/06/14 12:44 — **Percent Solids: 89.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			318852	03/10/14 09:20	JKL	TAL SAV
Total/NA	Analysis	6010C		1	319281	03/11/14 23:04	BCB	TAL SAV
Total/NA	Analysis	Moisture		1	318884	03/10/14 10:36	WJE	TAL SAV

Client Sample ID: DPT-8 (0-2) Low — Lab Sample ID: 640-47079-5

Date Collected: 03/04/14 14:13 — **Matrix: Solid**
Date Received: 03/06/14 12:44 — **Percent Solids: 85.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			318852	03/10/14 09:20	JKL	TAL SAV
Total/NA	Analysis	6010C		1	319281	03/11/14 23:09	BCB	TAL SAV
Total/NA	Analysis	Moisture		1	318884	03/10/14 10:36	WJE	TAL SAV

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47079-1

Client Sample ID: DPT-9 (0-2) High

Lab Sample ID: 640-47079-6

Date Collected: 03/04/14 14:34
Matrix: Solid
Date Received: 03/06/14 12:44
Percent Solids: 84.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			318852	03/10/14 09:20	JKL	TAL SAV
Total/NA	Analysis	6010C		1	319281	03/11/14 23:14	BCB	TAL SAV
Total/NA	Analysis	Moisture		1	318884	03/10/14 10:36	WJE	TAL SAV

Client Sample ID: DPT-12 (0-2) Med

Lab Sample ID: 640-47079-7

Date Collected: 03/04/14 15:40
Matrix: Solid
Date Received: 03/06/14 12:44
Percent Solids: 83.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			318852	03/10/14 09:20	JKL	TAL SAV
Total/NA	Analysis	6010C		1	319281	03/11/14 23:19	BCB	TAL SAV
Total/NA	Analysis	Moisture		1	318884	03/10/14 10:36	WJE	TAL SAV

Client Sample ID: DPT-25 (0-2) High

Lab Sample ID: 640-47079-8

Date Collected: 03/05/14 14:30
Matrix: Solid
Date Received: 03/06/14 12:44
Percent Solids: 86.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			318852	03/10/14 09:20	JKL	TAL SAV
Total/NA	Analysis	6010C		1	319281	03/11/14 23:34	BCB	TAL SAV
Total/NA	Analysis	Moisture		1	318884	03/10/14 10:36	WJE	TAL SAV

Client Sample ID: DPT-26 (5-7) Low

Lab Sample ID: 640-47079-9

Date Collected: 03/05/14 15:46
Matrix: Solid
Date Received: 03/06/14 12:44
Percent Solids: 87.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			318852	03/10/14 09:20	JKL	TAL SAV
Total/NA	Analysis	6010C		1	319281	03/11/14 23:39	BCB	TAL SAV
Total/NA	Analysis	Moisture		1	318884	03/10/14 10:36	WJE	TAL SAV

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Certification Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47079-1

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-14
Georgia	State Program	4		06-30-14
Louisiana	NELAP	6	30663	06-30-14
New Jersey	NELAP	2	FL012	06-30-14
Texas	NELAP	6	T104704459-11-2	03-31-14 *
USDA	Federal		P330-08-00158	08-05-14

Laboratory: TestAmerica Savannah

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
	AFCEE		SAVLAB	
A2LA	DoD ELAP		399.01	02-28-15
A2LA	ISO/IEC 17025		399.01	02-28-15
Alabama	State Program	4	41450	06-30-14
Arkansas DEQ	State Program	6	88-0692	01-31-15
California	NELAP	9	3217CA	07-31-14
Colorado	State Program	8	N/A	12-31-14
Connecticut	State Program	1	PH-0161	03-31-15
Florida	NELAP	4	E87052	06-30-14
GA Dept. of Agriculture	State Program	4	N/A	06-30-14
Georgia	State Program	4	N/A	06-30-14
Georgia	State Program	4	803	06-30-14
Guam	State Program	9	09-005r	04-17-14 *
Hawaii	State Program	9	N/A	06-30-14
Illinois	NELAP	5	200022	11-30-14
Indiana	State Program	5	N/A	06-30-14
Iowa	State Program	7	353	07-01-15
Kentucky (DW)	State Program	4	90084	12-31-14
Kentucky (UST)	State Program	4	18	06-30-14
Louisiana	NELAP	6	LA100015	12-31-14
Maine	State Program	1	GA00006	08-16-14
Maryland	State Program	3	250	12-31-14
Massachusetts	State Program	1	M-GA006	06-30-14
Michigan	State Program	5	9925	06-30-14
Mississippi	State Program	4	N/A	06-30-14
Montana	State Program	8	CERT0081	01-01-15
Nebraska	State Program	7	TestAmerica-Savannah	06-30-14
New Jersey	NELAP	2	GA769	06-30-14
New Mexico	State Program	6	N/A	06-30-14
New York	NELAP	2	10842	03-31-14 *
North Carolina DENR	State Program	4	269	12-31-14
North Carolina DHHS	State Program	4	13701	07-31-14
Oklahoma	State Program	6	9984	08-31-14
Pennsylvania	NELAP	3	68-00474	06-30-14
Puerto Rico	State Program	2	GA00006	12-31-14
South Carolina	State Program	4	98001	06-30-14
Tennessee	State Program	4	TN02961	06-30-14
Texas	NELAP	6	T104704185-08-TX	11-30-14
USDA	Federal		SAV 3-04	04-07-14 *

* Expired certification is currently pending renewal and is considered valid.

Certification Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47079-1

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
Virginia	NELAP	3	460161	06-14-14
Washington	State Program	10	C1794	06-10-14
West Virginia DEP	State Program	3	94	06-30-14
West Virginia DHHR	State Program	3	9950C	12-31-14
Wisconsin	State Program	5	999819810	08-31-14
Wyoming	State Program	8	8TMS-L	06-30-14

Method Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-47079-1

Method	Method Description	Protocol	Laboratory
6010C	Metals (ICP)	SW846	TAL SAV
Moisture	Percent Moisture	EPA	TAL SAV

Protocol References:

EPA = US Environmental Protection Agency

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: 640-47079-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-47079-1	DPT-3 (5-7) High	Solid	03/04/14 11:20	03/06/14 12:44
640-47079-2	DPT-4 (9-11) Med	Solid	03/04/14 11:44	03/06/14 12:44
640-47079-3	DPT-5 (15-16) Low	Solid	03/04/14 12:12	03/06/14 12:44
640-47079-4	DPT-7 (0-2) Med	Solid	03/04/14 13:57	03/06/14 12:44
640-47079-5	DPT-8 (0-2) Low	Solid	03/04/14 14:13	03/06/14 12:44
640-47079-6	DPT-9 (0-2) High	Solid	03/04/14 14:34	03/06/14 12:44
640-47079-7	DPT-12 (0-2) Med	Solid	03/04/14 15:40	03/06/14 12:44
640-47079-8	DPT-25 (0-2) High	Solid	03/05/14 14:30	03/06/14 12:44
640-47079-9	DPT-26 (5-7) Low	Solid	03/05/14 15:46	03/06/14 12:44

TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

3/18/2014

Client Information	Sampler: Deb Hilton	Lab PM: Marks, Amy	Carrier Tracking No(s):	COC No: 640-44347-11648.1
Client Contact: Mr. Jeff Wagner	Phone: 850-528-8995	E-Mail: amy.marks@testamericainc.com		Page: Page 1 of 6
Company: URS Corporation				Job #: 640-47079
Address: 1625 Summit Lake Drive Suite 200	Due Date Requested:			
City: Tallahassee	TAT Requested (days):			
State, Zip: FL, 32317				
Phone: 850-402-6409(Tel)	PO #: _____.US			
Email: jeffry_wagner@urscorp.com	WO #: 12806651.00000 Vendor No. 1427536			
Project Name: PCS FFF Moultrie	Project #: 64005633			
Site:	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)	6010C - Arsenic, Lead	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
DPT-3 (5-7) High	030414	1120	G	S			1		
DPT-4 (9-11) Med	030414	1144	G	S			1		
DPT-5 (15-16) low	030414	1212	G	S			1		
DPT-7 (0-2) Med	030414	1357	G	S			1		
DPT-8 (0-2) low	030414	1413	G	S			1		
DPT-9 (0-2) High	030414	1434	G	S			1		
DPT-12 (0-2) Med	030414	1540	G	S			1		
DPT-25 (0-2) High	030514	1430	G	S			1		
DPT-26 (5-7) low	030514	1546	G	S			1		

640-47079 Chain of Custody

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:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Deb Hilton	03.06.14 1244	URS		3-6-14 1244	TAT
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.2°C

APPENDIX B

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	CESQG	1	800-535-5053	17704

5. Generator's Name and Mailing Address
PCS Joint Venture, Ltd.
315 4th Avenue, N. E.
Moultrie, GA 31768
Generator's Phone:

Generator's Site Address (if different than mailing address)
Contact: Deb Hilton (URS Corporation)
Cell: (850) 528-8995

6. Transporter 1 Company Name: Robbie D. Wood, Inc.
U.S. EPA ID Number: ALD067138891

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Perma-Fix of Florida, Inc.
1940 N. W. 67th Place
Gainesville, FL 32653
Facility's Phone: (352) 373-6066
U.S. EPA ID Number: FLD980711071

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Regulated Material (Soil) PF #53907	002	DM	0110	G	
2.	Non-Regulated Material (Purge Water) PF #51759	007	DM	0385	G	
3.						
4.						

13. Special Handling Instructions and Additional Information
Mail invoice to:
Caller must I. D. Perma-Fix of Florida, Inc. Austin, TX 78720, Project #12806651.00000, PCS Joint Venture, Ltd., Moultrie, GA, Work Auth. #305008.US. Mail manifest to: URS Corporation, 1625 Summit Lake Drive, Suite 200, Tallahassee, FL 32317, Attn: Deb Hilton. Invoice separately. Project Manager: Sid O'Neal; sid.oneal@urs.com
PLEASE SEND CERTIFICATE OF DISPOSAL. 1,2,) D80 W000 H14 (PF)

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Trevor Campbell as an agent for PCS Joint Venture, Ltd.
Signature:
Month: 3 Day: 21 Year: 14

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Thomas Cox
Signature:
Month: 03 Day: 21 Year: 14

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Tom McGarff
Signature: Tom McGarff
Month: 3 Day: 24 Year: 14

169-BLC-O 6 10498 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

APR 03 2014

31-Mar-14

PCS JOINT VENTURE
URS CORPORATION
ENVIRONMENTAL SAFETY
1625 SUMMIT LAKE DR STE 200
TALLAHASSEE FL 32317

REF: MANIFEST NUMBER: 17704
SHIPMENT NUMBER: PFG-116N
SHIPMENT DATE: 03/24/2014

ON THE ABOVE DATE, YOUR WASTE MATERIAL WAS RECEIVED AT OUR FACILITY.
PERMA-FIX OF FLORIDA EPA ID NUMBER FLD980711071

After Recording Return to:

Georgia Environmental Protection Division
Response and Remediation Program
2 Martin Luther King, Jr. Drive, SE
Suite 1462 East
Atlanta, Georgia 30334

Environmental Covenant

This instrument is an Environmental Covenant executed pursuant to the Georgia Uniform Environmental Covenants Act, OCGA § 44-16-1, *et seq*. This Environmental Covenant subjects the Property identified below to the activity and/or use limitations specified in this document. The effective date of this Environmental Covenant shall be the date upon which the fully executed Environmental Covenant has been recorded in accordance with OCGA § 44-16-8(a).

Fee Owner of Property/Grantor:
PCS Joint Venture, Ltd.
c/o Judith George, Esq.
PCS Administration (USA), Inc.
Legal Department
1101 Skokie Blvd, Suite 400
Northbrook, IL 60062

Grantee/Holder:
PCS Joint Venture, Ltd.
c/o Judith George, Esq.
PCS Administration (USA), Inc.
Legal Department
1101 Skokie Blvd, Suite 400
Northbrook, IL 60062

Grantee/Entity with express power to enforce:
State of Georgia
Department of Natural Resources
Environmental Protection Division
2 Martin Luther King Jr. Drive, SE
Suite 1152 East Tower

Atlanta, GA 30334

Property:

The property subject to this Environmental Covenant is part of the Farmers Favorite Fertilizer Site, HSI Site No. 10259 (hereinafter "Property"), located at 4th Street and 6th Street, Moultrie, Colquitt County, Georgia. The parcel identified as M033-032 was conveyed on February 23, 1999 from the Matthews to PCS Joint Venture, Ltd, recorded in Deed Book 642, Pages 218 and 220, Colquitt County Records. The parcel identified as M033-033 was conveyed on January 15, 1992 from Florida Favorite Fertilizer, Inc. to PCS Joint Venture, Ltd, recorded in Deed Book 458, Page 576, Colquitt County Records. The parcel identified as M033-034 was conveyed on July 14, 1992 from Dan Gay to PCS Joint Venture, Ltd, recorded in Deed Book 656, Page 412, Colquitt County Records. The area is located in Land Lot 262 of the 8th District of Colquitt County, Georgia. The combined acreage of the parcels is approximately 4 acres. A complete legal description of the area is attached as Exhibit A and a map of the area is attached as Exhibit B.

Tax Parcel Number(s):

Tax Parcel IDs (Colquitt County, Georgia): M033-032, M033-033, and M033-034

Name and Location of Administrative Records:

The corrective action at the Property that is the subject of this Environmental Covenant is described in the following documents:

- Voluntary Investigation and Remediation Plan and Voluntary Remediation Program Application, HSI #10259 (dated December 15, 2011) and revisions thereto
- Final Compliance Status Report

These documents are available at the following locations:

Georgia Environmental Protection Division
Response and Remediation Program
2 MLK Jr. Drive, SE, Suite 1462 East Tower
Atlanta, GA 30334
M-F 8:00 AM to 4:30 PM excluding state holidays

Description of Contamination and Corrective Action:

This Property has been listed on the state's hazardous site inventory and has been designated as needing corrective action due to the presence of hazardous wastes, hazardous constituents, or hazardous substances regulated under state law. Contact the Grantee or the Georgia Environmental Protection Division for further information concerning this Property. This notice is provided in compliance with the Georgia Hazardous Site Response Act.

This Declaration of Covenant is made pursuant to the Georgia Uniform Environmental Covenants Act, O.C.G.A. § 44-16-1 *et seq*. by PCS Joint Venture, Ltd, its successors and assigns, and the State of Georgia, Department of Natural Resources, Environmental Protection Division (hereinafter "EPD"), its successors and assigns. This Environmental Covenant is required because a release of the following "regulated substances", as defined under the Georgia Hazardous Site Response Act, O.C.G.A. § 12-8-90 *et seq.*, and the rules promulgated thereunder (hereinafter "HSRA" and "Rules", respectively), occurred on the Property: antimony, arsenic, barium, beryllium, cadmium, cobalt, copper, lead, mercury, nickel, selenium, silver, thallium and zinc. The Corrective Action consists of institutional controls that will limit use to non-residential activities and will limit use of groundwater for drinking water purposes to protect human health and the environment.

Grantor, PCS Joint Venture, Ltd (hereinafter "PCS JV" or "Grantor"), hereby binds Grantor, its successors and assigns to the activity and use restriction(s) for the Property identified herein and grants such other rights under this Environmental Covenant in favor of EPD. EPD shall have full right of enforcement of the rights conveyed under this Environmental Covenant pursuant to HSRA, O.C.G.A. § 12-8-90 *et seq*., and the rules promulgated thereunder. Failure to timely enforce compliance with this Environmental Covenant or the use or activity limitations contained herein by any person shall not bar subsequent enforcement by such person and shall not be deemed a waiver of the person's right to take action to enforce any non-compliance. Nothing in this Environmental Covenant shall restrict EPD from excising any authority under applicable law.

Grantor makes the following declaration as to limitations, restrictions, and uses to which the Property may be put and specifies that such declarations shall constitute covenants to run with the land, pursuant to O.C.G.A. § 44-16-5(a); is perpetual, unless modified or terminated pursuant to the terms of this Covenant pursuant to O.C.G.A. § 44-16-9; and shall be binding on all parties and all persons claiming under them, including all current and future owners of any portion of or interest in the Property (hereinafter "Owner"). Should a transfer or sale of the Property occur before such time as this Environmental Covenant has been amended or revoked then said Environmental Covenant shall be binding on the transferee(s) or purchaser(s).

The Environmental Covenant shall inure to the benefit of PCS JV and EPD, and their respective successors and assigns and shall be enforceable by the Director or his agents or assigns, PCS JV or its successors and assigns, and other party(ies) as provided for in O.C.G.A. § 44-16-11 in a court of competent jurisdiction.

Activity and/or Use Limitation(s)

1. Registry. Pursuant to O.C.G.A. § 44-16-12, this Environmental Covenant and any amendment or termination thereof, may be contained in EPD's registry for environmental covenants.

2. Notice. The Owner of the Property must give thirty (30) day advance written notice to EPD of the Owner's intent to convey any interest in the Property. No conveyance of title, easement, lease, or other interest in the Property shall be consummated by the Owner without adequate and complete provision for continued compliance with this Covenant. The Owner

of the Property must also give thirty (30) day advance written notice to EPD of the Owner's intent to perform any site work that would affect the groundwater at the Property.

3. Notice of Limitation in Future Conveyances. Each instrument hereafter conveying an interest in the Property subject to this Environmental Covenant shall contain a notice of the activity and use limitations set forth in this Environmental Covenant and shall provide the recorded location of the Environmental Covenant.

4. Activity and Use Limitation(s). The Property shall be used only for non-residential uses, as defined in Section 391-3-19-.02 of the Rules and defined in and allowed under the Colquitt County's zoning regulations as of the date of this Environmental Covenant. Any residential use on the Property shall be prohibited. Any activity on the Property that may result in the release or exposure to the regulated substances that were contained as part of the Corrective Action, or create a new exposure pathway, is prohibited.

5. Groundwater Limitation. The use or extraction of groundwater beneath the Property for drinking water or for any other non-remedial purposes shall be prohibited.

6. Right of Access. In addition to any rights already possessed by EPD and/or PCS JV, the Owner shall allow authorized representatives of EPD the right to enter the Property at reasonable times for the purpose of evaluating compliance with this Environmental Covenant, and to inspect records that are related to the Environmental Covenant.

7. Recording of Environmental Covenant and Proof of Notification. Within thirty (30) days after the date of the Director's signature, the Owner shall file this Environmental Covenant with the Recorders of Deeds for each County in which the Property is located, and send a file stamped copy of this Environmental Covenant to EPD within thirty (30) days of recording. Within that time period, the Owner shall also send a file-stamped copy to each of the following: (1) each person holding a recorded interest in the Property subject to the covenant, (2) each person in possession of the real property subject to the covenant, (3) each municipality, county, consolidated government, or other unit of local government in which real property subject to the covenant is located, and (4) each owner in fee simple whose property abuts the property subject to the Environmental Covenant.

8. Termination or Modification. The Environmental Covenant shall remain in full force and effect in accordance with O.C.G.A. § 44-5-60, unless and until the Director determines that the Property is in compliance with the Type 1, 2, 3, or 4 Risk Reduction Standards, as defined in Georgia Rules of Hazardous Site Response (Rules) Section 391-3-19-.07 and removes the Property from the Hazardous Site Inventory, whereupon the Environmental Covenant may be amended or revoked in accordance with Section 391-3-19-08(7) of the Rules and O.C.G.A. § 44-16-1 *et seq*.

9. Severability. If any provision of this Environmental Covenant is found to be unenforceable in any respect, the validity, legality, and enforceability of the remaining provisions shall not in any way be affected or impaired.

10. No Property Interest Created in EPD. This Environmental Covenant does not in any way create any interest by EPD in the Property that is subject to the Environmental Covenant. Furthermore, the act of approving this Environmental Covenant does not in any way create any interest by EPD in the Property in accordance with O.C.G.A. § 44-16-3(b).

Representations and Warranties.

Grantor hereby represents and warrants to the other signatories hereto:

a) That the Grantor has the power and authority to enter into this Environmental Covenant, to grant the rights and interests herein provided and to carry out all obligations hereunder;
b) That the Grantor is the sole owner of the Property and holds fee simple title which is free, clear and unencumbered, subject to any and all matters of record;
c) That the Grantor has identified all other parties that hold any interest (e.g., encumbrance) in the Property and notified such parties of the Grantor's intention to enter into this Environmental Covenant;
d) That this Environmental Covenant will not materially violate, contravene, or constitute a material default under any other agreement, document or instrument to which Grantor is a party, by which Grantor may be bound or affected;
e) That the Grantor has served each of the people or entities referenced in Activity 7 above with an identical copy of this Environmental Covenant in accordance with O.C.G.A. § 44-16-4(d).
f) That this Environmental Covenant will not materially violate or contravene any zoning law or other law regulating use of the Property; and
g) That this Environmental Covenant does not authorize a use of the Property that is otherwise prohibited by a recorded instrument that has priority over the Environmental Covenant.

Notices.

Any document or communication required to be sent pursuant to the terms of this Environmental Covenant shall be sent to the following persons:

Georgia Environmental Protection Division
Branch Chief
Land Protection Branch
2 Martin Luther King Jr. Drive SE
Suite 1154 East Tower
Atlanta, GA 30334

PCS Joint Venture, Ltd.
c/o Judith George, Esq.
PCS Administration (USA), Inc.
Legal Department
101 Skokie Blvd, Suite 400
Northbrook, IL 60062

Miscellaneous.

This Environmental Covenant may be executed in several counterparts, which shall constitute one and the same instrument.

[Signatures Follow on Next Page]

Grantor, Holder and EPD have caused this Environmental Covenant to be executed pursuant to The Georgia Uniform Environmental Covenants Act, on the _____ day of _____, 2014.

Signed, sealed and delivered in the presence of:

_____
Unofficial Witness

_____
Notary Public

My Commission Expires:

_____

(NOTARIAL SEAL)

GRANTOR/HOLDER

PCS JOINT VENTURE, LTD., a Florida limited partnership

_____
Name: Paul E. DeKok
Title: President, Potash Corporation of Saskatchewan (Florida) Inc. (on behalf of and as General Partner of PCS Joint Venture, Ltd.)

[Signatures Continue on Next Page]

Signed, sealed and delivered in
the presence of:

_____
Unofficial Witness

_____
Notary Public

My Commission Expires:

_____

(NOTARIAL SEAL)

EPD

**STATE OF GEORGIA,
DEPARTMENT OF NATURAL
RESOURCES,
ENVIRONMENTAL PROTECTION
DIVISION**

_____
Name: _____
Title: _____

Exhibit A

Legal Description

Exhibit B

Map of the Area

After Recording Return to:

Georgia Environmental Protection Division
Response and Remediation Program
2 Martin Luther King, Jr. Drive, SE
Suite 1462 East
Atlanta, Georgia 30334

Environmental Covenant

This instrument is an Environmental Covenant executed pursuant to the Georgia Uniform Environmental Covenants Act, OCGA § 44-16-1, *et seq.* This Environmental Covenant subjects the Property identified below to the activity and/or use limitations specified in this document. The effective date of this Environmental Covenant shall be the date upon which the fully executed Environmental Covenant has been recorded in accordance with OCGA § 44-16-8(a).

Fee Owner of Property/Grantor:
R.W. Griffin Terminal Services, LLC
P.O. Box 1350
Douglas, GA 31534

Grantee/Holder:
PCS Joint Venture, Ltd.
c/o Judith George, Esq.
PCS Administration (USA), Inc.
Legal Department
1101 Skokie Blvd, Suite 400
Northbrook, IL 60062

Grantee/Entity with express power to enforce:
State of Georgia
Department of Natural Resources
Environmental Protection Division
2 Martin Luther King Jr. Drive, SE
Suite 1152 East Tower
Atlanta, GA 30334

Property:

The property subject to this Environmental Covenant is part of the Farmers Favorite Fertilizer Site, HSI Site No. 10259 (hereinafter "Property"), located at 315 4th Street, Moultrie, Colquitt County, Georgia. This tract of land was conveyed on April 27, 2007 from PCS Joint Venture, Ltd to R.W. Griffin Terminal Services, LLC recorded in Deed Book 0960, Page 0450, Colquitt County Records. The area is located in Land Lot 262 of the 8th District of Colquitt County, Georgia. The combined acreage of the parcels is approximately 15.8 acres. A complete legal description of the area is attached as Exhibit A and a map of the area is attached as Exhibit B.

Tax Parcel Number(s):

Tax Parcel IDs (Colquitt County, Georgia): M034-001, M023-199, M024-215, M024-214

Name and Location of Administrative Records:

The corrective action at the Property that is the subject of this Environmental Covenant is described in the following documents:

- Voluntary Investigation and Remediation Plan and Voluntary Remediation Program Application, HSI #10259 (dated December 15, 2011) and revisions thereto
- Final Compliance Status Report

These documents are available at the following locations:

Georgia Environmental Protection Division
Response and Remediation Program
2 MLK Jr. Drive, SE, Suite 1462 East Tower
Atlanta, GA 30334
M-F 8:00 AM to 4:30 PM excluding state holidays

Description of Contamination and Corrective Action:

This Property has been listed on the state's hazardous site inventory and has been designated as needing corrective action due to the presence of hazardous wastes, hazardous constituents, or hazardous substances regulated under state law. Contact the Grantee or the Georgia Environmental Protection Division for further information concerning this Property. This notice is provided in compliance with the Georgia Hazardous Site Response Act.

This Declaration of Covenant is made pursuant to the Georgia Uniform Environmental Covenants Act, O.C.G.A. § 44-16-1 *et seq*. by R.W. Griffin Terminal Services, LLC, its successors and assigns, PCS Joint Venture, Ltd, its successors and assigns, and the State of Georgia, Department of Natural Resources, Environmental Protection Division (hereinafter "EPD"), its successors and assigns. This Environmental Covenant is required because a release of the following "regulated substances", as defined under the Georgia Hazardous Site Response Act, O.C.G.A. § 12-8-90 *et seq.*, and the rules promulgated thereunder (hereinafter "HSRA" and "Rules", respectively), occurred on the Property: antimony, arsenic, barium, beryllium,

cadmium, cobalt, copper, lead, mercury, nickel, selenium, silver, thallium and zinc. The Corrective Action consists of institutional controls that will limit use to non-residential activities and will limit use of groundwater for drinking water purposes to protect human health and the environment.

Grantor, R.W. Griffin Terminal Services, LLC (hereinafter "Griffin" or "Grantor"), hereby binds Grantor, its successors and assigns to the activity and use restriction(s) for the Property identified herein and grants such other rights under this Environmental Covenant in favor of the PCS Joint Venture, Ltd ("PCS JV" or "Holder") and EPD. EPD shall have full right of enforcement of the rights conveyed under this Environmental Covenant pursuant to HSRA, O.C.G.A. § 12-8-90 *et seq*., and the rules promulgated thereunder. Failure to timely enforce compliance with this Environmental Covenant or the use or activity limitations contained herein by any person shall not bar subsequent enforcement by such person and shall not be deemed a waiver of the person's right to take action to enforce any non-compliance. Nothing in this Environmental Covenant shall restrict EPD from excising any authority under applicable law.

Griffin makes the following declaration as to limitations, restrictions, and uses to which the Property may be put and specifies that such declarations shall constitute covenants to run with the land, pursuant to O.C.G.A. § 44-16-5(a); is perpetual, unless modified or terminated pursuant to the terms of this Covenant pursuant to O.C.G.A. § 44-16-9; and shall be binding on all parties and all persons claiming under them, including all current and future owners of any portion of or interest in the Property (hereinafter "Owner"). Should a transfer or sale of the Property occur before such time as this Environmental Covenant has been amended or revoked then said Environmental Covenant shall be binding on the transferee(s) or purchaser(s).

The Environmental Covenant shall inure to the benefit of PCS JV, EPD, and Griffin and their respective successors and assigns and shall be enforceable by the Director or his agents or assigns, PCS JV or its successors and assigns, Griffin or its successors and assigns, and other party(ies) as provided for in O.C.G.A. § 44-16-11 in a court of competent jurisdiction.

Activity and/or Use Limitation(s)

1. Registry. Pursuant to O.C.G.A. § 44-16-12, this Environmental Covenant and any amendment or termination thereof, may be contained in EPD's registry for environmental covenants.

2. Notice. The Owner of the Property must give thirty (30) day advance written notice to EPD of the Owner's intent to convey any interest in the Property. No conveyance of title, easement, lease, or other interest in the Property shall be consummated by the Owner without adequate and complete provision for continued compliance with this Covenant. The Owner of the Property must also give thirty (30) day advance written notice to EPD of the Owner's intent to perform any site work that would affect the groundwater at the Property.

3. Notice of Limitation in Future Conveyances. Each instrument hereafter conveying an interest in the Property subject to this Environmental Covenant shall contain a notice of the activity and use limitations set forth in this Environmental Covenant and shall provide the recorded location of the Environmental Covenant.

4. Activity and Use Limitation(s). The Property shall be used only for non-residential uses, as defined in Section 391-3-19-.02 of the Rules and defined in and allowed under the Colquitt County's zoning regulations as of the date of this Environmental Covenant. Any residential use on the Property shall be prohibited. Any activity on the Property that may result in the release or exposure to the regulated substances that were contained as part of the Corrective Action, or create a new exposure pathway, is prohibited.

5. Groundwater Limitation. The use or extraction of groundwater beneath the Property for drinking water or for any other non-remedial purposes shall be prohibited.

6. Right of Access. In addition to any rights already possessed by EPD and/or PCS JV, the Owner shall allow authorized representatives of EPD and/or PCS JV the right to enter the Property at reasonable times for the purpose of evaluating compliance with this Environmental Covenant, and to inspect records that are related to the Environmental Covenant.

7. Recording of Environmental Covenant and Proof of Notification. Within thirty (30) days after the date of the Director's signature, the Owner shall file this Environmental Covenant with the Recorders of Deeds for each County in which the Property is located, and send a file stamped copy of this Environmental Covenant to EPD within thirty (30) days of recording. Within that time period, the Owner shall also send a file-stamped copy to each of the following: (1) PCS JV, (2) each person holding a recorded interest in the Property subject to the covenant, (3) each person in possession of the real property subject to the covenant, (4) each municipality, county, consolidated government, or other unit of local government in which real property subject to the covenant is located, and (5) each owner in fee simple whose property abuts the property subject to the Environmental Covenant.

8. Termination or Modification. The Environmental Covenant shall remain in full force and effect in accordance with O.C.G.A. § 44-5-60, unless and until the Director determines that the Property is in compliance with the Type 1, 2, 3, or 4 Risk Reduction Standards, as defined in Georgia Rules of Hazardous Site Response (Rules) Section 391-3-19-.07 and removes the Property from the Hazardous Site Inventory, whereupon the Environmental Covenant may be amended or revoked in accordance with Section 391-3-19-08(7) of the Rules and O.C.G.A. § 44-16-1 *et seq*.

9. Severability. If any provision of this Environmental Covenant is found to be unenforceable in any respect, the validity, legality, and enforceability of the remaining provisions shall not in any way be affected or impaired.

10. No Property Interest Created in EPD. This Environmental Covenant does not in any way create any interest by EPD in the Property that is subject to the Environmental Covenant. Furthermore, the act of approving this Environmental Covenant does not in any way create any interest by EPD in the Property in accordance with O.C.G.A. § 44-16-3(b).

Representations and Warranties.

Grantor hereby represents and warrants to the other signatories hereto:

a) That the Grantor has the power and authority to enter into this Environmental Covenant, to grant the rights and interests herein provided and to carry out all obligations hereunder;

b) That the Grantor is the sole owner of the Property and holds fee simple title which is free, clear and unencumbered, subject to any and all matters of record;
c) That the Grantor has identified all other parties that hold any interest (e.g., encumbrance) in the Property and notified such parties of the Grantor's intention to enter into this Environmental Covenant;
d) That this Environmental Covenant will not materially violate, contravene, or constitute a material default under any other agreement, document or instrument to which Grantor is a party, by which Grantor may be bound or affected;
e) That the Grantor has served each of the people or entities referenced in Activity 7 above with an identical copy of this Environmental Covenant in accordance with O.C.G.A. § 44-16-4(d).
f) That this Environmental Covenant will not materially violate or contravene any zoning law or other law regulating use of the Property; and
g) That this Environmental Covenant does not authorize a use of the Property that is otherwise prohibited by a recorded instrument that has priority over the Environmental Covenant.

Notices.

Any document or communication required to be sent pursuant to the terms of this Environmental Covenant shall be sent to the following persons:

Georgia Environmental Protection Division
Branch Chief
Land Protection Branch
2 Martin Luther King Jr. Drive SE
Suite 1154 East Tower
Atlanta, GA 30334

PCS Joint Venture, Ltd.
c/o Judith George, Esq.
PCS Administration (USA), Inc.
Legal Department
101 Skokie Blvd, Suite 400
Northbrook, IL 60062

Miscellaneous.

This Environmental Covenant may be executed in several counterparts, which shall constitute one and the same instrument.

[Signatures Follow on Next Page]

Grantor, Holder and EPD have caused this Environmental Covenant to be executed pursuant to The Georgia Uniform Environmental Covenants Act, on the _____ day of _____, 2014.

Signed, sealed and delivered in the presence of:

_____
Unofficial Witness

_____
Notary Public

My Commission Expires:

_____

(NOTARIAL SEAL)

GRANTOR

R.W. GRIFFIN TERMINAL SERVICES, LLC, a Georgia limited liability company

_____
Name: _____
Title: _____

[Signatures Continue on Next Page]

Signed, sealed and delivered in the presence of:

_____
Unofficial Witness

_____
Notary Public

My Commission Expires:

_____

(NOTARIAL SEAL)

HOLDER

PCS JOINT VENTURE, LTD., a Florida limited partnership

_____
Name: Paul E. DeKok
Title: President, Potash Corporation of Saskatchewan (Florida) Inc. (on behalf of and as General Partner of PCS Joint Venture, Ltd.)

[Signatures Continue on Next Page]

Signed, sealed and delivered in
the presence of:

_____
Unofficial Witness

_____
Notary Public

My Commission Expires:

_____

(NOTARIAL SEAL)

EPD

**STATE OF GEORGIA,
DEPARTMENT OF NATURAL
RESOURCES,
ENVIRONMENTAL PROTECTION
DIVISION**

_____
Name: _____
Title: _____

Exhibit A

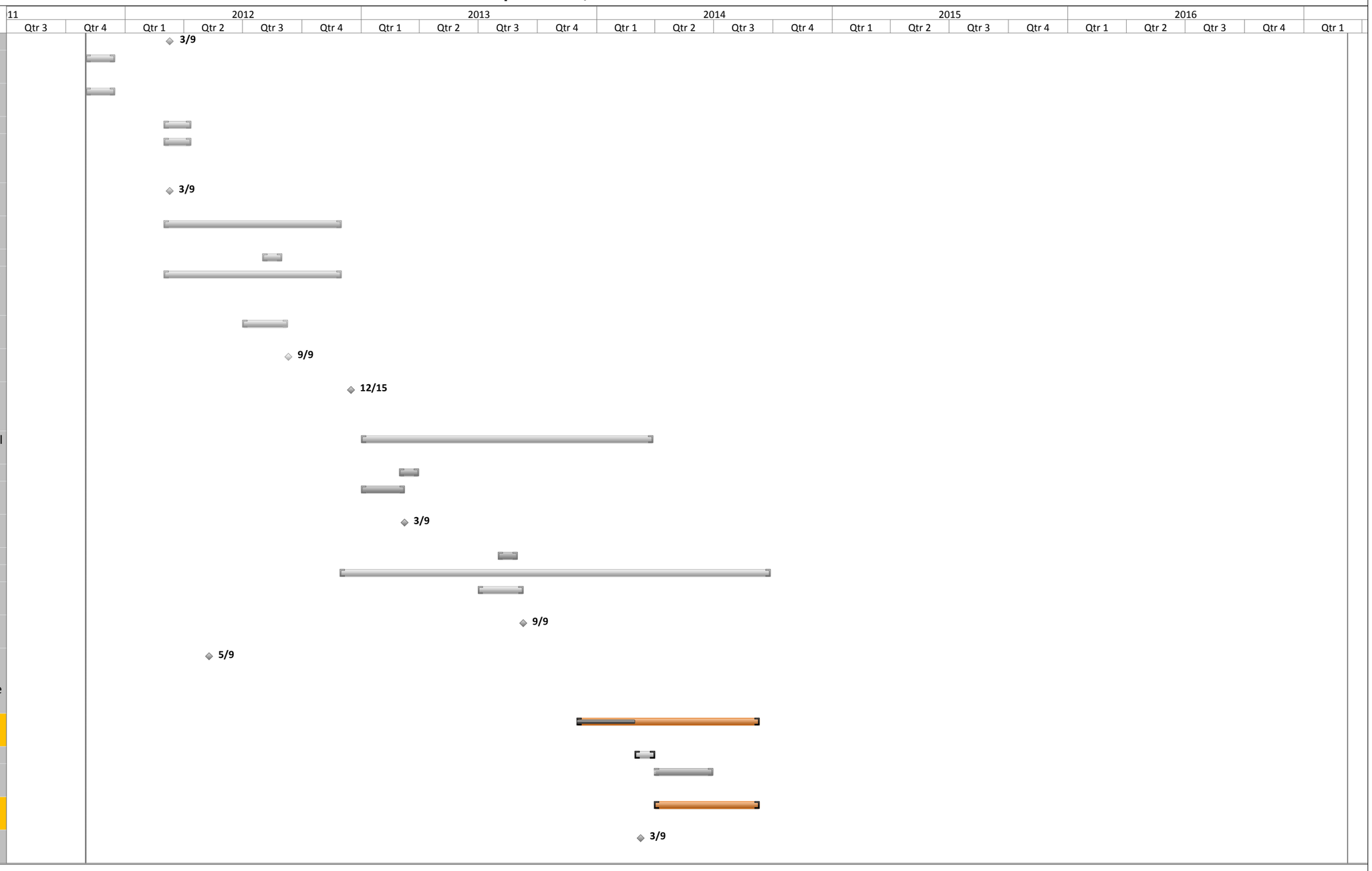
Legal Description

Exhibit B

Map of the Area

Attachment 4
Voluntary Investigation & Remediation Plan (VIRP) Schedule
September 9, 2014

ID	Task Name
1	Enrollment in VRP (3-9-12)
2	On-Site Horizontal Delineation deemed completed
3	Vertical Delineation deemed completed
4	Conduct Groundwater Sampling
5	Install Monitoring Wells to complete offsite delineation upgradient, NW & West
6	GEPD Approval for PCS' Participation in VRP
7	Demonstrate Horizontal Delineation Upgradient offsite Complete
8	Conduct Groundwater Sampling
9	Complete Well Inventory and Document Status of Monitoring Wells
10	Preparation of Status Report & Update CSM
11	Submit Semi-annual Status Report to GEPD
12	MILESTONE 1: Within 12 months of enrollment complete horizontal delineation on-site
13	Develop and Finalize RRS for all RS in Soil and Groundwater
14	Conduct Groundwater Sampling
15	Preparation of Status Report & Update CSM
16	Submit Semi-annual Status Report to GEPD
17	Conduct Groundwater Sampling
18	Perform Groundwater Modeling
19	Preparation of Status Report & Update CSM
20	Submit Semi-annual Status Report to GEPD
21	MILESTONE 2: Within 24 months of enrollment complete horizontal and vertical (milestone 3) delineation off-site (5-9-12)
22	Preparation of Final Remediation Plan
23	Conduct Groundwater Sampling
24	Preparation of Status Report & Update CSM
25	Preparation of Remediation Cost Estimate
26	Submit Semi-annual Status Report to GEPD

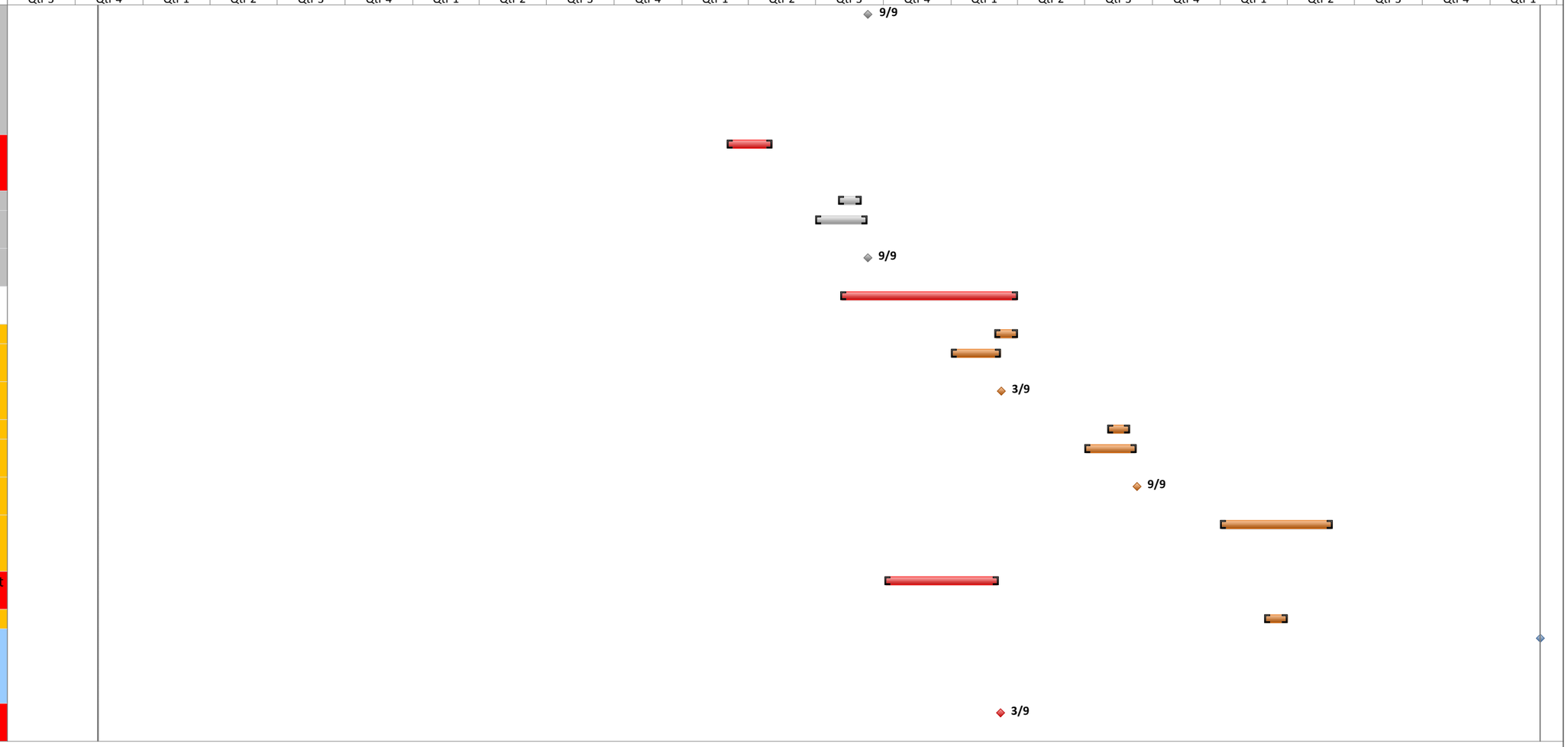


Attachment 4 VIRP Schedule.mpp
Date: Mon 8/11/14

Task	Summary	External Milestone	Inactive Summary	Manual Summary Rollup	Finish-only	Removed Task
Split	Project Summary	Inactive Task	Manual Task	Manual Summary	Deadline	Changed Task
Milestone	Completed Tasks	Inactive Milestone	Duration-only	Start-only	Progress	

Attachment 4
Voluntary Investigation & Remediation Plan (VIRP) Schedule
September 9, 2014

ID	Task Name
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	Implemented Limited Soil Assessment (Former Wastewater Ponds area)
29	Conduct Groundwater Sampling
30	Preparation of Status Report & Update CSM
31	Submit Semi-annual Status Report to GEPD
32	Preparation of Draft Environmental Covenant
33	Conduct Groundwater Sampling
34	Preparation of Status Report & Update CSM
35	Submit Semi-annual Status Report to GEPD
36	Conduct Groundwater Sampling
37	Preparation of Status Report & Update CSM
38	Submit Semi-annual Status Report to GEPD
39	Update Groundwater Model with additional semi-annual groundwater sampling event results
40	Preparation of Compliance Status Report
41	Conduct Groundwater Sampling
42	MILESTONE 4: Within 60 months of enrollment submit Compliance Status Report including required certifications
43	Submit Compliance Status Report to GEPD



Attachment 4 VIRP Schedule.mpp
Date: Mon 8/11/14

Task	Summary	External Milestone	Inactive Summary	Manual Summary Rollup	Finish-only	Removed Task
Split	Project Summary	Inactive Task	Manual Task	Manual Summary	Deadline	Changed Task
Milestone	Completed Tasks	Inactive Milestone	Duration-only	Start-only	Progress	

September 9, 2014

Transmitted via email to david.reuland@dnr.state.ga.us
With copy to bill.williams@dnr.state.ga.us

Mr. David Reuland
Georgia Environmental Protection Division
2 Martin Luther King, Jr. Dr. SE, Suite 1054 East
Atlanta, GA 30337

Subject: **Response to June 13, 2014 GEPD Comment Letter**
(Semi-Annual Progress Reports – September 9, 2012, March 9, 2013, September 9, 2013, March 9, 2014 and Fifth Semi-Annual Groundwater Monitoring Report – November 2011)
Voluntary Remediation Program
Farmers Favorite Fertilizer Site
Moultrie, Colquitt County, Georgia
HSI Site No. 10259

Dear Mr. Reuland:

We appreciate you giving us the time to meet on July 15, 2014. It was a very productive meeting. We look forward to working with you and Bill Williams to delist this site.
As you are aware, we previously submitted responses to your June 13, 2014 comment letter as part of our meeting topics discussion package. This submittal is intended to be the formal response that reflects the discussions during the meeting. Each of your original comments has been repeated here and is accompanied by a response. URS will implement the relative EPD comments during the upcoming sampling event in August and the subsequent Progress Report due September 9, 2014.

COMMENT 1. Please note that the groundwater sampling procedures of Region 4 EPA SESDPROC-R2 effective October 28, 2011, have been replaced by SESDPROC-R3 effective March 6, 2013.

RESPONSE 1. Comment is noted and will reference the newest version of the SOPs in all future Progress Reports.

COMMENT 2. In many cases groundwater samples were collected with final turbidity readings above 10 NTUs and without removing three to five well volumes. Purging of wells should continue until turbidity readings are below 10 NTUs, especially when less than three to five well volumes are removed during purging.

URS Corporation
1625 Summit Lake Drive,
Suite 200
Tallahassee, Florida 32317
Tel: 850.574.3197
Fax: 850.576.3676

EPD recommends using the multiple purge volume method for shallow wells rather than the low flow/low volume method when turbidity of samples is an issue. Purging should continue until the turbidity is 10 NTUs or less or until at least 5 well volumes have been removed from the well before taking the sample, as outlined in EPA Region 4's Science and Ecosystem Support Division Operating Procedures, SESDPROC-301-R3, March 6, 2013. In addition, the field filtering of samples should be done as a last resort provided purging of the wells has continued for three to five well volumes.

RESPONSE 2. Comment is noted. It should be pointed out that 69 monitoring wells are sampled semi-annually and only 4 of these wells have turbidity issues. Several of these wells dry up during purging and additional purging occurs in an attempt to lower turbidity.

COMMENT 3. Groundwater contamination has not been delineated to the approved delineation standards up gradient of monitoring wells MW-29S and MW-48S, or down gradient of MW-41S.

RESPONSE 3. On August 28, 2014, a conference call was held with David Reuland and Bill Williams (EPD)**.** The main topic of discussion was the upgradient, off-site monitoring well, MW-48S. The issues discussed are included in Attachment 1. It was URS' recommendation on behalf of PCS, that no further upgradient assessment be conducted by PCS as part of the Voluntary Remediation Program. EPD agreed with this recommendation and asked that any research regarding the upgradient properties be submitted to EPD. URS plans on submitting this information as part of the Final Compliance Status Report.

COMMENT 4. EPD agrees with the proposed limited soil assessment to verify soil conditions in the area of the former wastewater pond in the south-central area of the Site.

RESPONSE 4. URS has completed this limited soil assessment and has verified there are no residual impacts to soils in the unsaturated or saturated zones beneath the former ponds area. Results will be presented in the September 2014 Progress Report. These results were also discussed during the July 15, 2014 meeting.

COMMENT 5. Monitoring wells installed in August 2011 were not installed in accordance with the procedures outlined in the Region 4 EPA Science and Ecosystem Support Division Operating Procedures, SESDGUID-101-RO, February 2008. None of these wells includes a bentonite well seal. Use the well construction parameters presented in SESDGUID-101-RO for future well installations. This installation guidance indicates that a well seal 2 feet thick consisting of bentonite pellets should be placed between the filter pack and the grout. Fine sand is not considered a suitable material for the seal.

RESPONSE 5. Comment noted.

COMMENT 6. Some wells have been purged dry. When a well is purged dry, it is not necessary to purge it further. The sample can be taken as soon as the well has recovered sufficient volume to do so (see SESDPROC-301-R2).

RESPONSE 6. Comment noted. See response to Comment 2.

COMMENT 7. Table 1 of the November 11, Fifth Semi-Annual Ground Water Monitoring Report indicates that MW-30S and MW-31S are screened in the intermediate aquifer. These appear to be the only wells with the "S" designation that are screened in that zone. EPD recommends using the same purging technique for these two wells as is used for other wells screened in the intermediate aquifer.

RESPONSE 7. Comment noted.

As discussed in the July 15th meeting, the path forward is to collect another round of groundwater samples in August 2014; recon and evaluate access feasibility offsite, upgradient (northwest) of the site during the August 2014 sampling event; submit the September 9, 2014 Progress Report that will contain the March 2014 sampling results; the results of the limited soil assessment within the former wastewater ponds area; and a draft of the draft of the Uniform Environmental Covenant to restrict exposure to site soil and groundwater in accordance with the VRP. On March 9, 2015, the Final Compliance Status Report will be submitted with the final version of the restrictive covenant without future groundwater monitoring. This report will also contain the final groundwater sampling event results from August 2014.

Please feel free to contact me at 850-402-6409 if you have any questions or require additional information.

Sincerely,

Jeffry R. Wagner,
Project Director

JRW/jrw

cc: Michael Brom – PCS Joint Ventures, Ltd.
Bill Williams – GEPD

Attachment 1
Upgradient, Off-Site MW-48S
Former Farmers Favorite Fertilizer Site
Moultrie, Georgia
Voluntary Remediation Program
HSI Number 10259

August 11, 2014

1. In 2012, GEPD requested that an upgradient, off-site monitoring well to be installed. Subsequently, monitoring well, MW-48S was installed on the Gay Tire Services property northwest of the Site.
2. Land use north/northwest/west of the MW-48S location is predominantly commercial/industrial. Based on review of City Directory information back to 1954, this land use for this part of Moultrie has remained similar for at least the past 60 years.
3. MW-48S lies within the former CSX railroad corridor. The railroad was active to about the early 1990s and sometime after the tracks were removed and CSX sold the property.
4. Former and current property owners adjacent to the above mentioned former railroad corridor which bordered the northern former FFF property boundary had active operations on their properties up to the former railroad track corridor according to historical aerial photography.
5. There are no known records of FFF operating off-site. Furthermore, with the active railroad corridor and no road crossing the tracks, it would have been difficult for operations to extend to the north.
6. URS conducted visual reconnaissance and a preliminary records search of Colquitt County Library records in the area northwest of the MW-48S location. No obvious potential point source(s) were identified for the area.
7. The groundwater of interest lies within minor water-bearing zones of the upper confining unit. This unit is primarily composed of clays and silts and is not a reliable water-bearing unit. Through groundwater modeling performed for the FFF site, the groundwater system has been characterized as extremely stagnant and demonstrates very limited mobility.
8. Groundwater results for off-site monitoring well MW-48S indicate limited exceedances of Type 1 Risk Reduction Standards for Barium, Beryllium, and Lead. All on-site

downgradient monitoring wells for the FFF site show concentrations for these 3 constituents at lower concentrations than the results from MW-48S.

9. Given the "confining unit" characteristics of the groundwater for this area, it is likely that the impacts reflected in MW-48S are anthropogenic and reflective of decades of accumulation from many upgradient non-point commercial/industrial land uses.
10. This anthropogenic source was added as input to the site flow and transport model and this input did not change the downgradient risk potential results. Groundwater modeling predicts no significant movement of the site plume and no off-site movement for a scenario where current conditions were projected for the next 100 years. Additionally, this anthropogenic, off-site source does not increase the risk for the FFF plume and there remains is no risk to the Moultrie municipal water supply.
11. Given that downgradient on-site groundwater concentrations for site metal COCs are less than those found in the off-site, upgradient monitoring well, it can be concluded that the former FFF site has met the site delineation concentration criteria and has shown satisfactory evidence of the definition of the horizontal and vertical delineation for the site groundwater impacts.
12. Indications are that the impacts for MW-48S did not originate on FFF property and therefore as part of the Voluntary Remediation Program, PCS is not responsible for delineating and remediating an off-site, anthropogenic source(s) on properties not owned by PCS.
13. These offsite, upgradient, anthropogenic concentrations have been accounted for in the groundwater model completed for the FFF site. As demonstrated by the model, further site delineation or remediation is not required since these upgradient impacts do not pose an imminent or substantial danger to human health or the environment (O.C.G.A 12-8-108(9)).

Georgia Department of Natural Resources
Environmental Protection Division – Land Protection Branch
2 Martin Luther King, Jr. Dr. S.E., Suite 1054 East, Atlanta, Georgia 30334
Office 404-657-8600/Fax 404-657-0807
Judson H. Turner, Director

June 13, 2014

VIA E-MAIL AND REGULAR MAIL

Michael Brom, Director Environment
PCS Joint Venture, Ltd.
1101 Skokie Blvd, Suite 400
Northbrook, IL 60062

Subject: Voluntary Remediation Program
Semi-Annual Progress Reports September 9, 2012, March 9, 2013, September 9, 2013, and March 9, 2014; and
Fifth Semi-Annual Groundwater Monitoring Report, November 2011
Farmer's Favorite Fertilizer, HSI Site No. 10259
315 4th Avenue
Moultrie, Colquitt County, Georgia

Dear Mr. Brom:

The Georgia Environmental Protection Division (EPD) has reviewed the subject Semi-Annual Progress Reports that have been submitted pursuant to the Georgia Voluntary Remediation Program Act (Act) O.C.G.A. §12-8-100 et seq. EPD has the following comments:

1. Please note that the groundwater sampling procedures of Region 4 EPA SESDPROC-R2 effective October 28, 2011, have been replaced by SESDPROC-R3 effective March 6, 2013.
2. In many cases groundwater samples were collected with final turbidity readings above 10 NTUs and without removing three to five well volumes. Purging of wells should continue until turbidity readings are below 10 NTUs, especially when less than three to five well volumes are removed during purging. EPD recommends using the multiple purge volume method for shallow wells rather than the low flow/low volume method when turbidity of samples is an issue. Purging should continue until the turbidity is 10 NTUs or less or until at least 5 well volumes have been removed from the well before taking the sample, as outlined in EPA Region 4's Science and Ecosystem Support Division Operating Procedures, SESDPROC-301-R3, March 6, 2013. In addition, the field filtering of samples should be done as a last resort provided purging of the wells has continued for three to five well volumes.
3. Groundwater contamination has not been delineated to the approved delineation standards up gradient of monitoring wells MW-29S and MW-48S, or down gradient of MW-41S.
4. EPD agrees with the proposed limited soil assessment to verify soil conditions in the area of the former waste water pond in the south-central area of the Site.
5. Monitoring wells installed in August 2011 were not installed in accordance with the procedures outlined in the Region 4 EPA Science and Ecosystem Support Division Operating Procedures, SESDGUID-101-RO, February 2008. None of these wells includes a bentonite well seal. Use the well construction parameters presented in SESDGUID-101-RO for future well installations. This installation guidance indicates that

a well seal 2 feet thick consisting of bentonite pellets should be placed between the filter pack and the grout. Fine sand is not considered a suitable material for the seal.

6. Some wells have been purged dry. When a well is purged dry, it is not necessary to purge it further. The sample can be taken as soon as the well has recovered sufficient volume to do so (see SESDPROC-301-R2).
7. Table 1 of the November 11, Fifth Semi-Annual Ground Water Monitoring Report indicates that MW-30S and MW-31S are screened in the intermediate aquifer. These appear to be the only wells with the "S" designation that are screened in that zone. EPD recommends using the same purging technique for these two wells as is used for other wells screened in the intermediate aquifer.

Should you have any question or concerns regarding this matter, please contact Mr. Bill Williams of the Response and Remediation Program at (404) 657-8664.

Sincerely,

David Reuland
Unit Coordinator
Response and Remediation Program

c: Jeffry R. Wagner, URS

File: HSI 10259

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