March 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 September 9, 2013.

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

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

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

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- Continued semi-annual groundwater sampling
  - On-going
  - Semi-Annual groundwater sampling has been conducted at the site since February 2010
  - Results for the August 2013 Semi-annual Sampling Event discuss 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
  - On-going
- Groundwater transport modeling to show that no human or environmental receptors will be affected by impacts identified for the site
  - Task completed; discussed in this progress report, **Attachment 2**
- Execution of a Uniform Environmental Covenant (UEC) to restrict exposure to impacted groundwater, if needed
  - Future task

CONCEPTUAL SITE MODEL

The full description of the CSM has been previously included in the September 9, 2012 Semiannual Progress Report. This description represents a summary of the CSM including significant revisions.

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. 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 and surface water and ecological receptors remain an incomplete pathway.

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 as of 2004. Groundwater sampling in this area indicates source removal was effective. It is possible that isolated impacted residual soils exist within the footprint of the former waste water ponds in the south-central portion of the site. These will be addressed with a limited soil assessment to be completed concurrently with the March 2014 semi-annual sampling event.. 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 supply source or the Floridan aquifer. Since only shallow groundwater impacts remain for the Site, a construction/utility worker exposure scenario for work extending below the water table will be detailed if needed as part of a future Operations and Maintenance Plan for the Site in conjunction with the planned Environmental Covenant for the Site property parcels.

COMPLETED MILESTONES

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

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

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).

Groundwater Flow and Transport Modeling -- The *groundwater flow and transport modeling* is considered complete. Results of the modeling efforts are presented in **Attachment 2** of this Progress Report and will be further discussed in September 2014 Report in the context of site groundwater standards and certification.

Attachment 3 contains the VIRP Schedule, which also summarizes the completion status of Milestone tasks.

PROGRESS YEAR 2 VIRP TASKS

Groundwater Sampling

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

Groundwater Flow and Fate and Transport Modeling

URS has completed the groundwater flow and fate and transport modeling for the site (**Attachment 2)**. The purpose of the modeling effort is to determine the fate of chemicals of concern (primarily lead) in the groundwater at the facility and to assess the possibility for impacts to potential receptors per the VRP requirements. The primary potential environmental receptor is Okapilco Creek. Potential impact to human receptors is unlikely given that the site is classified as industrial and no water supply wells are located within the upper confining unit. All residential and commercial/industrial property in Moultrie is supplied by a public water system that derives water from the Floridan Aquifer. The Floridan Aquifer is not recharged locally and recharge to the aquifer occur 40 to 80 miles upgradient. The classical surficial aquifer is absent beneath the Site and the sediments underlying the Site are part of the upper confining unit. More than 300 feet of low permeability clays overlie the Floridan Aquifer beneath the Site.

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

Following is a summary of conclusions based on the results observed in the groundwater model:

- The plumes appear to have reached a steady-state condition whereby further plume expansion and/or migration should be limited. **Figures 19** and **20** illustrate the projected lead and arsenic concentrations and distributions after 100 years.
- Under current conditions and based on modeling results, COCs are unlikely to reach Okapilco Creek at concentrations exceeding the regulatory criteria.
- Redox conditions, pH, and presence of significant amounts of clay and iron are likely significant contributors to limiting the COC plume movement field observations and analytical results.
- Given the non-transmissive nature of sediments in the vicinity of the Site, the possibility of supply wells intercepting impacted water from the facility is negligible.

Metals concentrations reported for the August 2013 sampling event did not deviate significantly from predicted concentrations. Fluctuations in COC concentrations and slight spatial variances over time should be expected as a result of variations in rainfall (recharge).

Based on the Site conditions, modeling results provide another line of evidence that the potential risk of impact to the identified receptors by metal impacted groundwater underlying former FFF property is relatively low. The primary potential receptors are human exposure , Okapilco Creek, and groundwater.

The following factors limit the risk to the receptors:

1. The contaminants of concern, metals, are contained within a confining unit and not traditional aquifer system. Transport through the low permeability materials is very limited.
2. The confining unit sediments are hundreds of feet thick beneath the Site.
3. No off-site impacts to groundwater are expected based on modeling results.
4. The water-bearing layers within the confining unit are considered to be thin and not laterally extensive.
5. Transport of the contaminant originating on-site is limited to the Site based on more than 10 years of sampling results.
6. Concentrations are being affected by the retardation processes, which tend to limit COC mobility.
7. Recharge to the Floridan aquifer locally is considered to be extremely low to non-existent in the vicinity of the Site.

Impacts to receptors are ranked as follows:

- **Groundwater within Upper Confining Unit –*Low***. Source removal including excavation and treatment of soils was completed for the former sulfuric acid plant area as of 2004. Groundwater sampling in this area indicates source removal was effective. It is possible that isolated impacted residual soils exist within the footprint of the former waste water ponds in the south-central portion of the site. These will be addressed with the supplemental soil assessment (**Attachment 3**) Current plume conditions otherwise can likely be explained as the residual of 50 + years of source leaching in the shallow groundwater. Simulations show that current conditions projected forward 100 years predict that the plume is stable and does not travel off-site.

- **Groundwater within the Floridan Aquifer – *Extremely Low***. No impact is expected to the Floridan aquifer, the primary drinking water supply, due to the hydrogeologic setting that exhibits a thick confining unit overlying the aquifer and limits the recharge potential from the confining unit to the aquifer in this area.

- **Okapilco Creek – Extremely *Low*.** Although it may be possible for groundwater from the regional confining unit to discharge to the creek, there is an extremely low probability of transport of impacted groundwater reaching the creek at concentrations that would exceed the surface water regulatory criteria.

Aquifer Testing

URS initially attempted to model the site using hydraulic conductivity values derived from slug test data collected by Golder Associates in 1999 and 2003. Those tests were conducted prior to the soil corrective activities, which included excavation and backfill of a large portion of the site in the vicinity of the former sulfuric acid plant. The data proved to be insufficient to define a detailed conceptual site model (CSM) and efforts to calibrate the model were unsuccessful. URS subsequently conducted additional slug and aquifer pumping tests in 2013. Pumping tests were performed in April 2013 on the following wells MWTP5S, FFW3R, TP4S, and MW13SR in an attempt to fill some of the gaps in the Golder data. A second round of tests were conducted in November and December 2013 with emphasis on wells in the area of soil excavation and wells west and northwest of the former sulfuric acid plant to further develop the CSM. Pumping tests were performed on wells: MW-10I, MW-6I, and MW-7I. Slug tests were conducted on wells MW-1SR, MW-38S, MW-2S, MW-39S, MW-48S, MW-29S, MW-35S, MW-40S, MW-49S, MW-31S, MW-41S, and MW-7I. Results from the 2013 tests were analyzed using AQTESOLV software and the groundwater model was updated with the resulting hydraulic conductivity values. Graphs of the pumping and slug tests, as well as the results of the AQTESOLV analyses,

are included in **Appendix A of Attachment 2** related to the groundwater model document. Further discussion of these findings with proposed groundwater standards and certification will be included in the September 2014 progress report.

Limited Soil Assessment

In order to further understand and verify conditions in the south-central area of the Site, work will be undertaken to perform a limited assessment of the area. The purpose of collecting information near the south-central boundary of the former waste water location is to assess if residual soil impacts may be present. It is 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 will be performed using direct-push technology (DPT) sampling to characterize the soils with in the immediate area of MW-TP5S and if necessary the entire area of the former two on-site ponds that were removed from service in 1986. This work will be implemented concurrently with the March 2014 semiannual sampling event. Results of this limited soil assessment will be presented in the September 9, 2014 Progress Report.

SITE SCHEDULE

Attachment 3 shows the target dates for completion of the major tasks outlined in the VIRP. No significant changes to the Schedule are necessary at this time. Work outlined in the VIRP is on schedule.

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

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

The final Remediation Plan which will incorporate the modeling work and the site RRS, will be submitted by September 9, 2014, per the VIRP approval letter. Per the approval letter (March 9, 2012), it is proposed that a meeting be set up with GEPD in advance of the September 9, 2014 report submittal so that proposed RRS can be discussed. URS will be contacting you in the near future to make arrangements for this meeting.

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

Sincerely,

Jeffry R. Wagner
Project Manager

Candace Beauvais
Project Hydrogeologist
Georgia PG License # 2067

JRW/CB/lc

Enclosure: 1 hardcopy and 2 CD copies

Attachment 1 - August 2013 Groundwater Sampling Event
Attachment 2 - Groundwater Model
Attachment 3– Schedule

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

URS

PROFESSIONAL GEOLOGIST CERTIFICATION

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

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

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

Candace Beauvais #2067 — March 7 2014

Printed Name and GA PE/PG Number — Date

Signature and Stamp

CANDACE BEAUVAIS
GEORGIA REGISTERED PROFESSIONAL GEOLOGIST
NO. 2067

PROFESSIONAL GEOLOGIST TIME LOG

Professional Geologist	**Candace Beauvais No. 002067**	
Charges to Client Re: VIRP **FFF, Moultrie, Colquitt County** **HSI #10259**		
Date (Week ending)	**Hours**	**Description**
10/18/13	1.5	Review August Sampling Results
11/29/13	12	Groundwater modeling
12/6/13	3	Groundwater modeling
12/13/13	10	Aquifer Testing
12/20/13	22.5	Aquifer Testing
1/17/14	7	Aquifer Test Evaluation
1/24/14	4.5	Aquifer Test Evaluation
1/31/14	4	Aquifer Test Evaluation
2/7/14	2.5	Groundwater modeling
2/14/14	56.5	Groundwater modeling
2/21/14	4	RRS value calculations Type 5
2/27/14	8	Progress Report preparation and review
3/7/14	4	Progress Report review
Total	**139.5**	

DESCRIPTION OF SERVICES SINCE SEPTEMBER 9, 2013

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

CD/DVD CERTIFICATION PAGE

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

SEMI-ANNUAL PROGRESS REPORT VOLUNTARY REMEDIATION PROGRAM

FORMER FARMERS FAVORITE FERTILIZER SITE

315 4TH AVENUE

MOULTRIE, COLQUITT COUNTY, GEORGIA

HSI NUMBER: 10259

Dated March 9, 2014

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

ATTACHMENT 1

GROUNDWATER SAMPLING REPORT – AUGUST 2013

VOLUNTARY REMEDIATION PROGRAM

FORMER FARMER'S FAVORITE FERTILIZER SITE

315 4TH AVENUE
MOULTRIE, COLQUITT COUNTY, GEORGIA

March 9, 2014

URS Corporation
1625 Summit Lake Drive
Tallahassee, FL, 32317
(850) 574.3197

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Table 4 Modified Groundwater Monitoring Plan- August 2013

Table 5 Analytical Summary- August 2013

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Figure 2 Site Monitoring Well Locations

Figure 3 Potentiometric Surfaces of Upper Confining Unit Water-Bearing Zones – March 2013

Figure 4 Arsenic Concentrations in Water Bearing Zones of the Upper Confining Unit – August 2013

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Figure 10 Selenium Concentrations in Water Bearing Zones of the Upper Confining Unit – August 2013

Figure 11 Zinc Concentrations in Water Bearing Zones of the Upper Confining Unit – August 2013

Appendices

Appendix A Groundwater Logs, Calibration Logs and Field Notes

Appendix B Moulrie Manifest - August 2013 Sampling

Appendix C Laboratory Data

1.1 PURPOSE

One of the components of the Voluntary Investigation and Remediation Plan (VIRP) is semi-annual groundwater sampling. Sampling was performed August 19 through 29, 2013. The results of the March 2013 sampling event are reported in this Semi-Annual Progress Report dated September 9, 2013.

1.2 SITE LOCATION AND BACKGROUND

The former Farmers Favorite Fertilizer Site (FFF) (HSI # 10259) 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 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 to the north, east of 3rd Street N.E. to the west, north of 2nd Avenue N.E. to the south, 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 west 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 creek 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 August 2013 sampling event. Monitoring well locations are shown on **Figure 2.** Monitoring well constructions details are presented in **Table 1**.

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

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

The shallow water-bearing zone wells were purged a minimum of 3 well volumes and the intermediate water-bearing zone wells were purged an equipment volume. When stabilization criteria for three consecutive measurements were achieved the 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. In addition, purge start time, tubing placement and purge rate were also recorded.

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

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

2.4 SAMPLING PROCEDURES

Groundwater sampling activities were performed August 19 through 29, 2013. Groundwater samples were collected from 68 monitoring wells. Groundwater sample collection was performed in accordance with the United States Environmental Protection Agency (USEPA) Region 4 Standard Operating Procedures (SOPs) SESD-PROC-301-R2, effective October 28, 2011. Prior to collecting groundwater samples, water levels were measured to determine the volume of water to be removed from the monitoring well during purging. The monitoring wells were purged using a peristaltic pump in accordance with USEPA Region 4 SOPs. Samples were analyzed in the field for 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 August 2013 sampling event is presented in **Table 3**. **Figure 2** shows the approximate locations of the monitoring wells. Field-filtered aliquots of groundwater samples were collected at 7 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 drums and temporarily staged at a secure, on-site location. On October 1, 2013, Perma-Fix of Florida, Inc. transported the purge water to a waste water treatment facility. A copy of the non-hazardous waste manifest documentation is provided as **Appendix B**.

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 6020 A
- 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

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 0.01 mg/L in groundwater samples collected from the following shallow zone monitoring wells:

- MW-4S (0.012 mg/L)
- MW-11S (0.013 mg/L)
- MW-12S (0.21 mg/L)
- MW-15S (0.037 mg/L)
- MW-19S (0.014 mg/L)
- MW-32I (0.040 mg/L).
- MW-42S (0.036 mg/L)
- MW-43S (0.016 mg/L)
- MW-45S (0.026 mg/L)
- FFFW-2-R (0.033 mg/L)
- FFFW-3-R (0.016 mg/L)
- MW-TP5S (0.160 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-7S-R, MW-34I, MW-42S, MW-49S, FFFW-4-R, MW-TP2S, and MW-TP5I were analyzed for arsenic. Concentrations of dissolved arsenic were below the Type 1 RRS in all field-filtered aliquots except MW-42S (0.034 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-30S (2.1 mg/L)
- MW-35S (2.5 mg/L)
- MW-48S (3.9 mg/L)

- FFFW-2-R (4.6 mg/L)
- MW-TP5S (43 mg/L)

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

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

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

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

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-7S-R (0.0057 mg/L)
- MW-12S (0.037 mg/L)
- MW-15S (0.0049 mg/L)
- MW-32I (0.017 mg/L)
- MW-41S (0.0046 mg/L)
- MW-48S (0.0082 mg/L)
- FFFW-2-R (0.068 mg/L)
- MW-TP5S (0.33 mg/L)

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

It should be noted that MW-48S is an upgradient location. This location, as well as other monitoring locations in the northwest portion of the Site, 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 0.0049 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-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 which had a concentration of 0.0057 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-19S (0.011 mg/L)
- MW-32I (0.0060 mg/L)
- MW-34S (0.0056 mg/L)
- MW-TP5S (0.015 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 (0.73 mg/L),
- MW-12S (0.065 mg/L),
- MW-15S (0.031 mg/L),
- MW-29S (0.046 mg/L),
- MW-32I (0.12 mg/L),
- MW-35S (0.022 mg/L),
- MW-41S (0.037 mg/L),
- MW-48S (0.034 mg/L),
- FFFW-2-R (0.55 mg/L),

- MW-TP5S (2.7 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 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 (0.057 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-7S-R, MW-34I, MW-42S, MW-49S, FFFW-4-R, MW-TP2S, and MW-TP5I were analyzed for lead. Concentrations of dissolved lead were below the RRS in all field-filtered aliquots.

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 (0.046 mg/L)
- MW-12S (0.25 mg/L)
- MW-32I (0.11 mg/L)
- FFFW-2-R (0.16 mg/L)
- MW-TP5S (0.90 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-7S-R, MW-34I, MW-42S, MW-49S, FFFW-4-R, MW-TP2S, and MW-TP5I were analyzed for nickel. Concentrations of dissolved nickel were below the Type 1 RRS in all field-filtered aliquots.

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 (0.36 mg/L), which is associated with the former wastewater pond location.

Selenium was also detected at a concentration that exceeded the Type 1 RRS of 0.05 mg/L in the groundwater sample collected from shallow zone monitoring well MW-12S (0.57 mg/L). Total 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 wells MW-12S (0.024 mg/L) and monitoring well MW-TP5S (0.0068 mg/L). Monitoring well MW-TP5S is associated with the former wastewater pond location.

Thallium is not a COC in the intermediate zone.

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

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 (4.9 mg/L)
- MW-42S (2.3 mg/L)

Zinc concentrations in the shallow zone groundwater are depicted on **Figure 11.** 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 2.1 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.

The matrix spike/matrix spike duplicate (MS/MSD) for method 6020A, batch 291998, contained barium greater than 4 times the matrix spike concentrations; therefore, control limits are not applicable. The results have been reported and qualified with a “4”qualifier.

Three equipment blanks (EQ-1, EQ-2 and EQ- 3) were collected during the August 2013 groundwater sampling event. Each equipment blanks was analyzed for the 10 metals of concern. None of the 10 metals were detected in any of the equipment blanks.

Seven duplicate samples [DUP-1 (MW-6S-R); DUP-2 (MW-29S); DUP-3 (MW-3S); DUP-4 (MW-TP5S); DUP-5 (MW-36S); DUP-6 (MW-12S); and DUP-7 (MW-32I)] were collected during the August 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 79 percent and lead had a high RPD of 73 percent when comparing the groundwater results from MW-12S and DUP-6.
- Arsenic, barium, beryllium, cadmium, copper, lead, nickel, and zinc had a high RPD percent, of 53,49,115,60,159,132,99, and 39, respectively, when comparing the groundwater results from MW-3S and DUP-3. The results were confirmed by TestAmerica. The high RPD numbers are believed to be caused by the higher sediment content in MW-3S than in DUP-3.

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

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

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

5.2 RECOMMENDATIONS

URS recommends eliminating the analysis of the following metals from the listed wells based on no detections in the previous 6 sampling events with the exception of monitoring wells MW-23S and MW-47S. Both monitoring wells serve as downgradient off-site sentry wells.

- 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-13I
- Thallium – MW-40S

In addition, URS recommends continued groundwater monitoring. The next sampling event is scheduled March 2014.

TABLES

TABLE 1
SUMMARY OF MONITORING WELL CONSTRUCTION FOR SITE MONITORING NETWORK
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)	Constructed Well Depth (ft btoc)	Measured Well Depth (ft btoc)*	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	14.68	14.56	12	2 - 12	290.86 - 280.86	Shallow
MW-1I-R	10/26/2006	NA	2-INCH	292.76	295.48	2.72	38.22	37.03	35.5	30 - 34.5	265.48 - 260.98	Intermediate
MW-2S	1/6/1999	NA	2-INCH	293.14	292.81	NA	14	14.41	14	4 -14	289.14 - 279.14	Shallow
MW-2I	12/9/1998	6-INCH	2-INCH	289.72	292.97	NA	35.5	35.22	35.5	30 - 35	259.72 - 254.72	Intermediate
MW-3S	1/6/1999	NA	2-INCH	293.49	293.05	NA	14	13.47	14	4 - 14	289.49 - 279.49	Shallow
MW-3I	12/9/1998	6-INCH	2-INCH	293.87	293.71	NA	40	39.73	40	35 - 40	258.87 - 253.87	Intermediate
MW-4S	1/5/1999	NA	2-INCH	287.28	287.26	NA	12	11.78	12	2 - 12	285.28 - 275.28	Shallow
MW-5S-R	10/24/2006	NA	2-INCH	290.53	293.27	2.74	16.74	16.49	14	4 - 14	286.53 - 276.53	Shallow
MW-6S-R	10/24/2006	NA	2-INCH	297.44	300.34	2.9	16.9	16.75	14	4 - 14	293.44 - 283.44	Shallow
MW-6I	4/19/2000	6-INCH	2-INCH	293.66	293.41	2.75	35.75	33.44	33	28 - 33	265.66 - 260.66	Intermediate
MW-7S-R	10/24/2006	NA	2-INCH	293.40	296.45	3.05	17.05	14.09	14	4 - 14	289.40 - 279.40	Shallow
MW-7I	4/19/2000	6-INCH	2-INCH	295.41	295.13	NA	49.5	49.77	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	37.92	37.82	35	30 - 35	267.02 - 262.02	Intermediate
MW-9S-R	10/24/2006	NA	2-INCH	290.69	293.57	2.88	16.88	16.72	14	4 - 14	286.69 - 276.69	Shallow
MW-10S-R	10/26/2006	NA	2-INCH	287.30	290.14	2.84	16.84	16.52	14	4 - 14	283.30 - 273.30	Shallow
MW-10I	10/26/2006	NA	2-INCH	286.94	289.67	2.73	42.73	41.96	40	35 - 40	256.94 - 251.94	Intermediate
MW-11S	3/3/1999	NA	2-INCH	288.97	290.97	2.7	14.7	13.12	12	2 - 12	286.97 - 276.97	Shallow
MW-12S	4/18/2000	NA	2-INCH	295.94	295.61	NA	25	24.96	25	15 - 25	280.94 - 270.94	Shallow
MW-12I	3/4/1999	6-INCH	2-INCH	295.85	295.68	NA	38	38.59	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	17.06	16.87	14	4 - 14	285.43 - 275.43	Shallow
MW-13I	6/18/2003	6-INCH	2-INCH	---	299.29	NA	54.1	53.87	54.1	44 - 54	255.29 - 245.29	Intermediate
MW-15S	4/18/2000	NA	2-INCH	295.86	295.38	NA	20	19.80	20	10 - 20	285.86 - 275.86	Shallow
MW-18S	8/2/2000	NA	2-INCH	285.64	285.48	NA	13	12.83	13	3 - 13	282.64 - 272.64	Shallow
MW-19S	8/2/2000	NA	2-INCH	284.71	287.75	3.04	16.04	16.71	13	3 - 13	281.71 - 271.71	Shallow
MW-20S	8/2/2000	NA	2-INCH	284.57	284.58	NA	15	14.86	15	5 - 15	279.57 - 269.57	Shallow
MW-21S	12/18/2002	NA	2-INCH	---	288.67	NA	20	19.43	20	5 - 20	283.67 - 268.67	Shallow
MW-22S	12/19/2002	NA	2-INCH	---	283.99	NA	16.5	15.31	16.5	6.5 - 16.5	277.49 - 267.49	Shallow
MW-23S	12/19/2002	NA	2-INCH	---	289.45	NA	32.25	31.37	32.25	22.25 - 32.25	267.20 - 257.20	Shallow
MW-24S	12/19/2002	NA	2-INCH	---	286.00	NA	30.75	29.64	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	14.35	15.25	5.25 - 15.25	275.47 - 265.47	Shallow
MW-26S	12/18/2002	NA	2-INCH	---	286.60	NA	20	19.55	20	5 - 20	281.60 - 266.60	Shallow
MW-27S-R	10/25/2006	NA	2-INCH	289.18	292.13	2.95	16.95	16.95	14	4 - 14	285.18 - 275.18	Shallow
MW-28S	12/18/2002	NA	2-INCH	---	301.26	NA	26	23.56	26	16 - 26	285.26 - 275.26	Shallow
MW-29S	6/16/2003	NA	2-INCH	---	299.96	NA	29.5	29.31	29.5	19 - 29	280.96 - 270.96	Shallow
MW-30S	6/18/2003	NA	2-INCH	---	302.44	NA	38.5	38.92	38.5	18.5 - 38.5	283.94 - 263.94	Shallow
MW-31S	6/17/2003	NA	2-INCH	---	297.52	NA	39.5	39.75	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	15.91	15.77	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	29.79	30.20	27	22 - 27	271.60 - 266.60	Shallow
MW-33S	6/16/2003	NA	2-INCH	---	280.45	NA	27.5	27.27	27.5	17 - 27	263.45 - 253.45	Shallow
MW-34S	6/16/2003	NA	2-INCH	---	284.66	NA	14.5	14.80	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	45.95	45.65	43	38 - 43	246.54 - 241.54	Intermediate
MW-35S	10/23/2006	NA	2-INCH	302.62	302.41	NA	25	25.61	25	15 - 25	287.62 - 277.62	Shallow
MW-36S	10/24/2006	NA	2-INCH	290.76	293.18	2.58	16.58	16.57	14	4 - 14	286.76 - 276.76	Shallow
MW-37S	10/25/2006	NA	2-INCH	289.99	292.56	2.57	18.57	18.81	16	6 - 16	283.99 - 273.99	Shallow
MW-38S	10/25/2006	NA	2-INCH	289.81	292.92	3.11	19.11	19.07	16	6 - 16	283.81 - 273.81	Shallow
MW-39S	10/27/2006	NA	2-INCH	293.65	293.35	2.7	18.7	15.47	16	6 - 16	287.65 - 277.65	Shallow
MW-40S	2/9/2010	NA	2-INCH	298.59	298.42	NA	35	34.55	35	25 - 35	273.59 - 263.59	Shallow

TABLE 1
SUMMARY OF MONITORING WELL CONSTRUCTION FOR SITE MONITORING NETWORK
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)	Constructed Well Depth (ft btoc)	Measured Well Depth (ft btoc)*	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	29.83	30	20 - 30	270.61 - 260.61	Shallow
MW-42S	2/9/2010	NA	2-INCH	290.06	289.97	NA	15	14.75	15	5 - 15	285.06 - 275.06	Shallow
MW-43S	2/9/2010	NA	2-INCH	285.25	288.34	3.09	18.09	17.70	15	5 - 15	280.25 - 270.25	Shallow
MW-44S	2/8/2010	NA	2-INCH	287.35	290.44	3.09	23.09	22.40	20	10 - 20	277.35 - 267.35	Shallow
MW-45S	8/23/2011	NA	2-INCH	284.71	287.47	2.76	22.76	22.58	20	10 - 20	264.71 - 254.71	Shallow
MW-46S	2/10/2010	NA	2-INCH	282.70	282.48	NA	15	22.41	15	5 - 15	277.70 - 267.70	Shallow
MW-47S	2/10/2010	NA	2-INCH	293.37	293.11	NA	32	31.64	32	22 - 32	271.37 - 261.37	Shallow
MW-48S	3/23/2012	NA	2-INCH	302.38	302.44	NA	30	29.83	30	20 - 30	282.44 - 272.44	Shallow
MW-49S	3/23/2012	NA	2-INCH	293.19	293.19	NA	34	35.18	34	24 - 34	269.19 - 259.19	Shallow
FFFW-1-R	8/23/2011	NA	2-INCH	283.50	286.36	2.86	14.86	16.29	12	2 - 12	281.50 - 271.50	Shallow
FFFW-2-R	10/24/2006	NA	2-INCH	289.50	292.05	2.38	29.38	29.32	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	53.25	52.72	50	45 - 50	244.72 - 239.72	Intermediate
FFFW-3-R	8/23/2011	NA	2-INCH	285.06	288.06	3.00	17	17.15	14	4 - 14	281.06 - 271.06	Shallow
FFFW-4-R	8/22/2011	NA	2-INCH	283.58	286.39	2.81	16.81	17.66	14	4 - 14	279.58 - 269.58	Shallow
MW-TP1S	8/1/2000	NA	2-INCH	284.53	284.24	NA	20	20.18	20	10 - 20	274.53 - 264.53	Shallow
MW-TP1I	8/2/2000	6-INCH	2-INCH	284.57	284.49	NA	48	48.09	48	43 - 48	241.57 - 236.57	Intermediate
MW-TP2S	7/31/2000	NA	2-INCH	278.31	278.29	NA	20	19.97	20	10 - 20	268.31 - 258.31	Shallow
MW-TP3S	7/31/2000	NA	2-INCH	278.79	278.71	NA	20	19.38	20	10 - 20	268.79 - 258.79	Shallow
MW-TP4S	7/31/2000	NA	2-INCH	287.67	287.38	NA	25	24.60	25	15 - 25	272.67 - 262.67	Shallow
MW-TP5S	8/2/2000	NA	2-INCH	288.64	288.33	NA	25	24.97	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	53.06	52.71	50	45 - 50	243.46 - 238.46	Intermediate
Wells Not Sampled												
OW-3S-1	8/24/2011	NA	2-INCH	293.58	296.67	3.09	17.09	NM	14	4 - 14	289.58 - 279.58	Shallow
OW-3S-2	8/23/2011	NA	2-INCH	293.68	295.93	2.25	16.25	NM	14	4 - 14	289.68 - 279.68	Shallow
OW-TP5S-1	8/23/2011	NA	2-INCH	288.54	291.19	2.65	27.65	NM	25	15 - 25	273.54 - 263.54	Shallow
OW-TP5S-2	8/23/2011	NA	2-INCH	289.63	292.46	2.83	22.83	NM	20	10 - 20	279.63 - 269.63	Shallow
RW-3S	8/24/2011	NA	4-INCH	294.12	297.12	3.00	27	NM	24	4 - 24	290.12 - 270.12	Shallow
RW-TP5S	8/24/2011	NA	4-INCH	288.56	291.48	2.92	27.92	NM	25	5 - 25	283.56 - 263.56	Shallow

Notes:
MSL = Mean Sea Level
ft als = Feet above land surface
ft bls = Feet below land surface
ft btoc = Feet below top of casing
NM = Not measured
* Measured August 2013

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

Well No.	MW-1S-R		MW-1I-R		MW-2S		MW-2I		MW-3S		MW-3I		MW-4S		MW-5S-R		MW-6S-R		MW-6I	
Diameter (in)	2		2		2		2		2		2		2		2		2		2	
Well Depth	12		34.5		14		35		14		40		12		14		14		33	
Screen Interval	2 - 12		30 - 34.5		4 - 14		30 - 35		4 - 14		35 - 40		2 - 12		4 - 14		4 - 14		28 - 33	
Well Head Stick-up	2.68		2.72		Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade		2.74		2.90		Flush to Grade	
T.O.C. Elevation	295.54		295.48		292.81		293.15		293.05		293.71		287.26		293.27		300.34		293.41	
Date	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**
11/7/2006	288.35	7.19	287.59	7.89	289.45	3.36	286.36	6.79	284.89	8.16	285.55	8.16	284.80	2.46	286.47	6.80	293.92	6.42	287.20	6.21
8/24/2009	288.64	6.90	287.53	7.95	288.79	4.02	286.26	6.89	287.06	5.99	285.52	8.19	284.86	2.40	286.99	6.28	293.90	6.44	287.23	6.18
2/22/2010	292.11	3.43	288.75	6.73	291.37	1.44	287.54	5.61	288.26	4.79	286.70	7.01	285.44	1.82	289.13	4.14	295.35	4.99	288.49	4.92
8/23/2010	289.27	6.27	287.85	7.63	289.70	3.11	286.73	6.42	287.36	5.69	285.84	7.87	285.33	1.93	287.37	5.90	293.81	6.53	287.67	5.74
2/21/2011	290.06	5.48	287.95	7.53	289.54	3.27	286.68	6.47	288.27	4.78	285.91	7.80	285.13	2.13	287.96	5.31	294.06	6.28	287.71	5.70
8/22/2011	288.24	7.30	286.92	8.56	287.90	4.91	285.63	7.52	287.83	5.22	284.98	8.73	285.57	1.69	286.39	6.88	293.43	6.91	286.79	6.62
3/12/2012	290.13	5.41	288.14	7.34	290.40	2.41	286.85	6.30	289.05	4.00	286.11	7.60	285.04	2.22	288.17	5.10	294.31	6.03	287.91	5.50
5/9/2012	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM
8/20/2012	290.04	5.50	288.29	7.19	290.39	2.42	287.03	6.12	288.81	4.24	286.28	7.43	285.42	1.84	288.03	5.24	294.15	6.19	288.08	5.33
3/11/2013	289.86	5.68	288.34	7.14	289.74	3.07	287.12	6.03	289.31	3.74	286.30	7.41	285.04	2.22	288.09	5.18	294.07	6.27	288.12	5.29
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	296.76	3.58	289.07	4.34

Notes:

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

Well No.	MW-7S-R		MW-7I		MW-8I		MW-9S-R		MW-10S-R		MW-10I		MW-11S		MW-12S		MW-12I		MW-13S-R	
Diameter (in)	2		2		2		2		2		2		2		2		2		2	
Well Depth	14		49.5		35		14		14		40		12		25		38		14	
Screen Interval	4 - 14		39.5 - 49.5		30 - 35		4 - 14		4 - 14		35 - 40		2 - 12		15 - 25		33.5 - 38		4 - 14	
Well Head Stick-up	3.05		Flush to Grade		2.92		2.88		2.84		2.73		2.70		Flush to Grade		Flush to Grade		3.06	
T.O.C. Elevation	296.45		295.13		299.94		293.57		290.14		289.67		290.97		295.61		295.68		292.49	
Date	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**
11/7/2006	288.40	8.05	285.61	9.52	NI		287.42	6.15	282.68	7.46	282.63	7.04	283.94	7.03	285.08	10.53	285.22	10.46	NM	6.33
8/24/2009	288.75	7.70	285.61	9.52	NI		287.35	6.22	283.00	7.14	282.59	7.08	283.67	7.30	285.24	10.37	285.26	10.42	NM	5.72
2/22/2010	291.90	4.55	287.46	7.67	288.92	11.02	288.37	5.20	284.35	5.79	284.25	5.42	287.35	3.62	286.71	8.90	286.24	9.44	288.69	3.80
8/23/2010	289.40	7.05	285.92	9.21	287.99	11.95	287.51	6.06	283.42	6.72	283.03	6.64	284.87	6.10	285.50	10.11	285.55	10.13	287.09	5.40
2/21/2011	289.74	6.71	285.96	9.17	288.11	11.83	287.74	5.83	283.60	6.54	283.34	6.33	285.82	5.15	285.40	10.21	285.59	10.09	287.60	4.89
8/22/2011	288.40	8.05	285.02	10.11	287.11	12.83	286.88	6.69	282.31	7.83	281.65	8.02	282.40	8.57	284.69	10.92	284.69	10.99	286.29	6.20
3/12/2012	289.93	6.52	286.14	8.99	288.28	11.66	287.94	5.63	283.79	6.35	283.60	6.07	286.00	4.97	285.59	10.02	285.77	9.91	287.87	4.62
5/9/2012	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM
8/20/2012	289.76	6.69	286.07	9.06	288.43	11.51	287.94	5.63	283.66	6.48	283.44	6.23	285.41	5.56	285.83	9.78	285.96	9.72	287.75	4.74
3/11/2013	289.58	6.87	286.41	8.72	288.51	11.43	287.98	5.59	283.80	6.34	283.95	5.72	286.47	4.50	285.88	9.73	286.02	9.66	288.14	4.35
8/19/2013	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	286.87	8.74	286.90	8.78	289.15	3.34

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

Well No.	MW-13I		MW-15S		MW-18S		MW-19S		MW-20S		MW-21S		MW-22S		MW-23S		MW-24S		MW-25S	
Diameter (in)	2		2		2		2		2		2		2		2		2		2	
Well Depth	54		20		13		13		15		20		16.5		32.25		30.75		15.25	
Screen Interval	44 - 54		10 - 20		3 - 13		3 - 13		5 - 15		5 - 20		6.5 - 16.5		22.25 - 32.25		20.75 - 30.75		5.25 - 15.25	
Well Head Stick-up	Flush to Grade		Flush to Grade		Flush to Grade		3.04		Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade	
T.O.C. Elevation	299.29		295.38		285.48		287.75		284.58		288.67		283.99		289.45		286.00		280.47	
Date	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**
11/7/2006	284.77	14.52	285.92	9.46	283.82	1.66	NM	0.68	280.80	3.78	284.86	3.81	280.69	3.30	273.87	15.58	272.80	13.20	271.48	8.99
8/24/2009	284.89	14.40	285.97	9.41	284.06	1.42	NM	1.24	282.02	2.56	285.36	3.31	280.82	3.17	273.66	15.79	272.52	13.48	271.19	9.28
2/22/2010	285.94	13.35	287.15	8.23	284.98	0.50	284.61	3.14	283.88	0.70	285.72	2.95	281.87	2.12	277.55	11.90	273.74	12.26	275.84	4.63
8/23/2010	285.15	14.14	286.26	9.12	284.58	0.90	284.03	3.72	282.98	1.60	285.38	3.29	280.69	3.30	274.20	15.25	272.79	13.21	271.62	8.85
2/21/2011	284.69	14.60	286.23	9.15	284.23	1.25	283.13	4.62	283.70	0.88	285.27	3.40	280.76	3.23	275.20	14.25	273.04	12.96	274.15	6.32
8/22/2011	284.27	15.02	-	NM	283.62	1.86	282.65	5.10	281.08	3.50	284.54	4.13	280.35	3.64	271.01	18.44	272.56	13.44	268.49	11.98
3/12/2012	285.36	13.93	286.48	8.90	284.28	1.20	283.31	4.44	283.54	1.04	285.49	3.18	280.78	3.21	275.59	13.86	273.20	12.80	275.13	5.34
5/9/2012	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM
8/20/2012	285.51	13.78	286.47	8.91	284.67	0.81	283.87	3.88	283.11	1.47	285.80	2.87	280.39	3.60	274.59	14.86	273.00	13.00	273.62	6.85
3/11/2013	285.73	13.56	286.75	8.63	284.46	1.02	283.48	4.27	283.48	1.10	285.67	3.00	280.61	3.38	276.47	12.98	273.28	12.72	275.80	4.67
8/19/2013	286.44	12.85	287.68	7.70	285.51	-0.03	284.76	2.99	284.33	0.25	287.51	1.16	282.36	1.63	276.50	12.95	273.59	12.41	276.97	3.50

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

Well No.	MW-26S		MW-27S-R		MW-28S		MW-29S		MW-30S		MW-31S		MW-32S-R		MW-32I		MW-33S		MW-34S	
Diameter (in)	2		2		2		2		2		2		2		2		2		2	
Well Depth	20		14		26		29		39		39.5		13		27		27		14.5	
Screen Interval	5 - 20		4 - 14		16 - 26		19 - 29		18.5 - 38.5		19.5 - 39.5		3 - 13		22 - 27		17 - 27		4.5 - 14.5	
Well Head Stick-up	Flush to Grade		2.95		Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade		2.91		2.79		Flush to Grade		Flush to Grade	
T.O.C. Elevation	286.60		292.13		301.26		299.96		302.44		297.52		296.56		296.39		280.45		284.66	
Date	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**
11/7/2006	275.95	10.65	285.45	6.68	-	NM	288.15	11.81	289.16	13.28	286.06	11.46	NI		NI		-	NM	280.84	3.82
8/24/2009	276.19	10.41	285.72	6.41	289.18	12.08	288.36	11.60	289.61	12.83	286.43	11.09	NI		NI		272.00	8.45	281.65	3.01
2/22/2010	278.34	8.26	288.98	3.15	-	NM	290.65	9.31	291.91	10.53	287.21	10.31	291.24	5.32	287.48	8.91	272.89	7.56	281.99	2.67
8/23/2010	276.79	9.81	286.29	5.84	289.73	11.53	288.88	11.08	290.19	12.25	286.44	11.08	291.39	5.17	286.80	9.59	272.18	8.27	281.85	2.81
2/21/2011	277.28	9.32	287.36	4.77	290.33	10.93	289.52	10.44	290.75	11.69	286.55	10.97	290.72	5.84	286.80	9.59	272.34	8.11	281.72	2.94
8/22/2011	275.50	11.10	284.85	7.28	288.45	12.81	287.62	12.34	288.88	13.56	285.66	11.86	290.41	6.15	286.01	10.38	Not Found		281.01	3.65
3/12/2012	277.57	9.03	287.74	4.39	291.15	10.11	290.26	9.70	291.63	10.81	286.52	11.00	291.13	5.43	286.96	9.43	272.50	7.95	281.85	2.81
5/9/2012	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM
8/20/2012	277.17	9.43	287.27	4.86	291.24	10.02	290.20	9.76	291.63	10.81	286.64	10.88	291.72	4.84	287.13	9.26	272.38	8.07	281.93	2.73
3/11/2013	278.05	8.55	288.05	4.08	291.23	10.03	290.35	9.61	291.71	10.73	286.88	10.64	291.36	5.20	287.21	9.18	272.52	7.93	281.87	2.79
8/19/2013	283.58	3.02	289.10	3.03	292.96	8.30	292.06	7.90	293.48	8.96	287.91	9.61	292.93	3.63	288.08	8.31	272.75	7.70	282.52	2.14

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

Well No.	MW-34I		MW-35S		MW-36S		MW-37S		MW-38S		MW-39S		MW-40S		MW-41S		MW-42S		MW-43S	
Diameter (in)	2		2		2		2		2		2		2		2		2		2	
Well Depth	43		25		14		16		16		16		35		30		15		15	
Screen Interval	38 - 43		15 - 25		4 - 14		6 - 16		6 - 16		6 - 16		25 - 35		20 - 30		5 - 15		5 - 15	
Well Head Stick-up	2.95		Flush to Grade		2.58		2.57		3.11		2.70		Flush to Grade		Flush to Grade		Flush to Grade		3.09	
T.O.C. Elevation	287.49		300.51 (1)		293.18		292.56		292.92		293.35		298.42		290.39		289.97		288.34	
Date	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**
11/7/2006	NI		288.68	11.83	287.09	6.09	286.36	6.20	284.70	8.22	287.28	6.07	NI		NI		NI		NI	
8/24/2009	NI		288.86	11.65	287.18	6.00	286.69	5.87	285.22	7.70	287.29	6.06	NI		NI		NI		NI	
2/22/2010	283.65	3.84	291.12	9.39	288.75	4.43	289.24	3.32	289.62	3.30	288.15	5.20	290.21	8.21	287.28	3.11	287.56	2.41	284.50	3.84
8/23/2010	282.44	5.05	289.41	11.10	287.41	5.77	287.03	5.53	286.23	6.69	287.49	5.86	289.80	8.62	286.67	3.72	287.08	2.89	284.58	3.76
2/21/2011	282.73	4.76	290.00	10.51	287.78	5.40	287.75	4.81	287.37	5.55	287.46	5.89	289.57	8.85	286.63	3.76	286.57	3.40	284.03	4.31
8/22/2011	281.15	6.34	288.12	12.39	286.68	6.50	285.48	7.08	281.22	11.70	286.65	6.70	289.13	9.29	285.89	4.50	286.45	3.52	283.09	5.25
3/12/2012	282.98	4.51	291.07	9.44	287.97	5.21	288.27	4.29	288.26	4.66	287.65	5.70	290.05	8.37	286.59	3.80	287.37	2.60	283.67	4.67
5/9/2012	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM
8/20/2012	282.86	4.63	290.75	9.76	288.04	5.14	287.91	4.65	287.21	5.71	287.87	5.48	290.22	8.20	286.97	3.42	287.30	2.67	283.92	4.42
3/11/2013	283.34	4.15	290.86	9.65	288.13	5.05	288.64	3.92	288.88	4.04	287.85	5.50	290.20	8.22	287.06	3.33	287.46	2.51	283.65	4.69
8/19/2013	283.73	3.76	292.63	7.88	289.55	3.63	289.69	2.87	289.64	3.28	288.86	4.49	291.08	7.34	287.88	2.51	289.14	0.83	285.04	3.30

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

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

Well No.	MW-44S		MW-45S		MW-46S		MW-47S		MW-48S		MW-49S		FFFW-1		FFFW-1-R		FFFW-2		FFFW-2-R	
Diameter (in)	2		2		2		2		2		2		2		2		2		2	
Well Depth	20		20		15		32		30		34		18		12		27		27	
Screen Interval	10 - 20		10 - 20		5 - 15		22 - 32		20 - 30		24 - 34				2 - 12				17 - 27	
Well Head Stick-up	3.09		2.76		Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade		2.86		Flush to Grade		2.38	
T.O.C. Elevation	290.44		287.47		282.48		293.11		302.38		293.19		284.96		286.36		288.59		292.05	
Date	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**
11/7/2006	NI				NI		NI						279.84	5.12			-	NM	274.69	17.36
8/24/2009	NI				NI		NI						280.02	4.94			-	NM	274.78	17.27
2/22/2010	282.94	7.50			278.73	3.75	275.67	17.44					-	NM			-	NM	275.63	16.42
8/23/2010	282.99	7.45			277.83	4.65	274.73	18.38					-	NM			-	NM	274.68	17.37
2/21/2011	282.78	7.66			278.15	4.33	274.97	18.14					-	NM			-	NM	274.92	17.13
8/22/2011	282.50	7.94	Installed 8/23/11		276.72	5.76	274.44	18.67					Abandoned		Installed 8/23/11		Abandoned		274.50	17.55
3/12/2012	283.08	7.36	278.10	9.37	278.49	3.99	275.12	17.99	Installed 03/23/12		Installed 03/23/12		Abandoned		280.39	5.97	Abandoned		275.05	17.00
5/9/2012	-	NM	-	NM	-	NM	-	NM	289.36	13.02	288.34	4.85	Abandoned		-	NM	Abandoned		-	NM
8/20/2012	283.32	7.12	278.02	9.45	278.07	4.41	274.91	18.20	291.73	10.65	289.29	3.90	Abandoned		280.01	6.35	Abandoned		274.88	17.17
3/11/2013	282.75	7.69	278.27	9.20	278.48	4.00	275.20	17.91	291.95	10.43	289.29	3.90	Abandoned		280.30	6.06	Abandoned		275.14	16.91
8/19/2013	284.66	5.78	278.84	8.63	279.31	3.17	275.52	17.59	293.92	8.46	289.51	3.68	Abandoned		281.53	4.83	Abandoned		275.51	16.54

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

Well No.	FFFW-2I		FFFW-3		FFFW-3-R		FFFW-4		FFFW-4-R		MW-TP1S		MW-TP1I		MW-TP2S		MW-TP3S		MW-TP4S	
Diameter (in)	2		2		2		2		2		2		2		2		2		2	
Well Depth	50		11.3		14		32.1		14		20		48		20		20		25	
Screen Interval	45 - 50				4 - 14				4 - 14		10 - 20		43 - 48		10 - 20		10 - 20		15 - 25	
Well Head Stick-up	3.25		Flush to Grade		3.00		Flush to Grade		2.81		Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade	
T.O.C. Elevation	292.97		285.90		288.06		284.03		286.39		284.24		284.49		278.29		278.71		287.38	
Date	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**
11/7/2006	NI		278.87	7.03			275.22	8.81			272.50	11.74	273.15	11.34	270.72	7.57	270.67	8.04	272.76	14.62
8/24/2009	NI		277.67	8.23			275.50	8.53			272.26	11.98	272.94	11.55	270.21	8.08	270.06	8.65	272.49	14.89
2/22/2010	276.12	16.85	-	NM			-	NM			273.27	10.97	274.26	10.23	273.39	4.90	275.71	3.00	273.67	13.71
8/23/2010	275.09	17.88	-	NM			-	NM			272.46	11.78	273.24	11.25	271.14	7.15	271.04	7.67	272.74	14.64
2/21/2011	275.37	17.60	-	NM			-	NM			272.66	11.58	273.49	11.00	272.63	5.66	273.80	4.91	272.98	14.40
8/22/2011	274.65	18.32	Abandoned		Installed 8/23/11		Abandoned		Installed 8/22/11		272.35	11.89	272.76	11.73	269.36	8.93	268.15	10.56	272.53	14.85
3/12/2012	275.53	17.44	Abandoned		281.65	6.41	Abandoned		277.09	9.30	272.78	11.46	273.65	10.84	273.56	4.73	274.94	3.77	273.23	14.15
5/9/2012	-	NM	Abandoned		-	NM	Abandoned		-	NM	-	NM	-	NM	-	NM	-	NM	-	NM
8/20/2012	275.34	17.63	Abandoned		281.70	6.36	Abandoned		277.04	9.35	272.63	11.61	273.48	11.01	272.58	5.71	272.82	5.89	272.95	14.43
3/11/2013	275.67	17.30	Abandoned		281.57	6.49	Abandoned		277.43	8.96	272.82	11.42	273.80	10.69	273.52	4.77	275.66	3.05	273.21	14.17
8/19/2013	276.02	16.95	Abandoned		283.99	4.07	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

Notes:

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

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

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

Well No.	MW-TP5S		MW-TP5I	
Diameter (in)	2		2	
Well Depth	25		50	
Screen Interval	15 - 25		45 - 50	
Well Head Stick-up	Flush to Grade		3.06	
T.O.C. Elevation	288.33		291.52	
Date	**Elev.**	**DTW**	**Elev.**	**DTW**
11/7/2006	276.63	11.70	NI	
8/24/2009	276.76	11.57	NI	
2/22/2010	279.31	9.02	276.34	15.18
8/23/2010	277.03	11.30	275.41	16.11
2/21/2011	277.81	10.52	275.72	15.80
8/22/2011	276.58	11.75	274.92	16.60
3/12/2012	278.09	10.24	275.90	15.62
5/9/2012	-	NM	-	NM
8/20/2012	278.10	10.23	275.69	15.83
3/11/2013	278.63	9.70	276.03	15.49
8/19/2013	279.11	9.22	276.41	15.11

Notes:

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

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

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

Location	Date	pH (SUs)	Temperature (°C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (ORP) (mV)	Turbidity (NTUs)
MW-1S-R	1/26/1999	4.53	NM	2620	NM	NM	26
	5/9/2000	3.58	NM	2330	NM	NM	4.87
	11/13/2001	3.44	NM	1579	NM	NM	81.3
	12/22/2002	3.98	NM	1099	NM	NM	198
	6/18/2003	4.27	NM	1673	NM	NM	550
	8/27/2009	5.92	25.78	803	0.43	64	57
	8/31/2010	6.17	28.48	550	0.99	80	5.1
	3/2/2011	6.58	14.81	455	4.26	89	16.3
	8/25/2011	6.70	34.50	830	0.70	-14.5	1.40
	3/14/2012	6.57	19.07	476	4.30	28.5	18.1
	8/23/2012	6.28	26.88	526	0.40	26.8	10.7
	3/12/2013	6.41	16.18	356	4.22	101.0	13.3
	8/21/2013	6.96	28.49	203	3.58	-38.2	9.3
MW-1I-R	1/26/1999	5.31	NM	277	NM	NM	19.3
	5/9/2000	5.38	NM	144.5	NM	NM	2.27
	11/13/2001	4.87	NM	148	NM	NM	1.81
	12/23/2002	4.74	NM	127.3	NM	NM	0.47
	6/18/2003	5.28	NM	199.9	NM	NM	1.2
	8/27/2009	4.21	22.35	154	0.08	90	1
	8/31/2010	4.96	26.08	143	0.62	169	0.3
	3/2/2011	4.64	17.77	162	0.79	306	1.4
	8/25/2011	4.84	25.38	148	3.54	87.0	0.22
	3/13/2012	4.49	21.54	155	0.28	71.0	0.34
	8/23/2012	4.45	23.00	151	0.12	309.9	0.18
	3/12/2013	4.55	20.67	147	0.50	180.7	0.26
	8/22/2013	4.64	23.25	140	0.56	-65.9	0.62
MW-2S	1/26/1999	3.82	NM	1150	NM	NM	15
	5/8/2000	3.76	NM	879	NM	NM	3.9
	11/12/2001	3.5	NM	892	NM	NM	310
	12/23/2002	3.9	NM	865	NM	NM	0.02
	6/18/2003	3.74	NM	884	NM	NM	2.9
	8/28/2009	3.49	22.85	784	2.98	251	1.9
	8/31/2010	3.77	24.13	615	3.22	278	1.3
	3/1/2011	3.91	15.73	722	7.02	466	1.1
	8/25/2011	4.19	26.29	524	3.04	162.1	8.20
	3/13/2012	3.86	17.94	750	3.88	426.7	0.78
	8/23/2012	3.64	23.36	632	2.18	451.2	0.23
	3/12/2013	3.90	16.08	644	5.86	136.1	0.58
	8/20/2013	3.96	24.58	563	1.80	200.4	0.41
MW-2I	1/26/1999	5.28	NM	166	NM	NM	5.7
	5/8/2000	4.75	NM	125.8	NM	NM	2.46
	11/12/2001	4.48	NM	177.4	NM	NM	1.55
	12/23/2002	4.85	NM	108	NM	NM	1.19
	6/18/2003	3.74	NM	884	NM	NM	2.9
	8/28/2009	4.05	21.08	142	0.61	141	1
	8/31/2010	4.63	32.32	130	0.55	201	0.2
	3/1/2011	4.71	18.98	139	1.02	377	1.6
	8/25/2011	4.89	20.83	124	0.83	110.2	4.75
	3/13/2012	4.52	19.90	121	0.22	297.5	1.00
	8/23/2012	4.29	20.27	137	0.30	154.8	0.99
	3/12/2013	4.56	19.56	131	0.50	80.9	1.81
	8/23/2013	4.17	21.81	131	0.53	-1.0	0.88
MW-3S	1/26/1999	3.61	NM	4100	NM	NM	3.3
	5/8/2000	3.21	NM	5140	NM	NM	1.49
	11/13/2001	3.11	NM	6470	NM	NM	9.9
	12/23/2002	3.15	NM	5784	NM	NM	17
	6/18/2003	3.19	NM	5040	NM	NM	4
	8/28/2009	3.16	23.39	5447	0.18	454	1.0
	8/31/2010	3.55	25.55	5340	1.59	464	3.3
	3/2/2011	3.35	19.81	5413	0.93	432	3.3
	8/25/2011	3.23	25.47	3809	0.53	459.1	0.53
	3/14/2012	3.37	21.81	4514	0.66	443.7	2.86
	8/22/2012	2.98	24.98	5124	0.95	437.0	3.25
	3/15/2013	3.15	19.32	5046	0.28	308.7	0.91
	8/22/2013	3.99	26.06	1061	7.85	176.1	2.82

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

Location	Date	pH (SUs)	Temperature (°C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (ORP) (mV)	Turbidity (NTUs)
MW-3I	1/26/1999	4.99	NM	261	NM	NM	177
	5/8/2000	4.85	NM	160.9	NM	NM	3.87
	11/13/2001	4.36	NM	176	NM	NM	1.06
	12/23/2002	4.72	NM	139.1	NM	NM	0.23
	6/18/2003	4.65	NM	187	NM	NM	3.2
	8/28/2009	4.37	22.85	180	0.22	86	24.7
	8/31/2010	4.98	24.07	160	0.50	174	0.8
	3/2/2011	4.77	18.43	168	1.03	283	32.1
	8/25/2011	4.74	22.66	167	0.51	285.0	1.12
	3/14/2012	4.55	22.54	232	0.15	186.9	1.27
	8/22/2012	4.54	23.03	190	0.08	247.2	3.77
	3/15/2013	4.71	21.12	219	0.17	87.7	1.12
	8/28/2013	5.24	23.89	317	0.43	-96.1	1.36
MW-4S	1/26/1999	6.43	NM	7700	NM	NM	14.9
	5/9/2000	4.38	NM	817	NM	NM	4.62
	11/14/2001	4.14	NM	675	NM	NM	1.42
	12/22/2002	5.29	NM	859	NM	NM	12
	6/19/2003	4.69	NM	2720	NM	NM	1
	8/28/2009	4.59	27.98	7891	0.88	161	21.8
	8/25/2010	5.27	29.83	3603	2.18	201	8.5
	2/23/2011	6.04	18.29	4489	2.26	188	2.9
	8/30/2011	5.88	31.33	8186	0.49	147.6	1.62
	3/15/2012	5.40	22.22	4483	0.15	86.9	2.13
	8/25/2012	6.00	29.98	15669	0.20	242.4	1.75
	3/14/2013	6.30	19.04	10880	0.44	208.7	4.39
	8/28/2013	5.87	30.73	2337	0.34	172.8	2.22
MW-5S-R	1/26/1999	5.78	NM	283	NM	NM	28
	5/9/2000	5.95	NM	561	NM	NM	0.81
	11/13/2001	4.98	NM	186	NM	NM	33
	12/22/2002	5.57	NM	587	NM	NM	1.32
	6/18/2003	5.19	NM	511	NM	NM	3.8
	8/27/2009	4.01	26.05	2367	0.12	198	15.7
	8/31/2010	5.82	27.49	1368	0.99	-60	94.6
	3/1/2011	6.11	15.49	968	2.00	23	113.0
	8/29/2011	4.09	29.65	2497	0.14	277.9	2.91
	3/14/2012	5.52	19.69	1018	0.78	-1.6	121
	8/22/2012	6.20	26.35	990	0.44	5.5	48.4
	3/13/2013	6.34	17.14	874	0.90	17.2	31.6
	8/21/2013	7.02	27.38	445	0.30	-53.4	0.85
MW-6S-R	1/26/1999	2.83	NM	4800	NM	NM	4
	5/8/2000	3.06	NM	5000	NM	NM	1.16
	11/13/2001	3.28	NM	7360	NM	NM	1.62
	12/22/2002	3.22	NM	6899	NM	NM	10
	6/18/2003	3.82	NM	5950	NM	NM	1
	8/26/2009	3.30	25.95	7905	0.12	273	8.7
	8/31/2010	3.45	26.26	7586	1.12	285	0.6
	3/1/2011	3.38	16.54	4577	0.78	329	1.9
	8/25/2011	3.48	30.20	6452	1.15	298.1	0.58
	3/13/2012	3.22	18.69	4306	0.17	357.0	0.49
	8/22/2012	3.12	26.43	7204	0.64	246.1	1.39
	3/12/2013	3.51	16.42	2845	0.62	318.1	0.87
	8/22/2013	3.81	27.26	1410	0.24	270.2	0.48
MW-6I	5/9/2000	5.22	NM	363	NM	NM	1.34
	11/13/2001	4.46	NM	244	NM	NM	0.78
	6/18/2003	4.4	NM	336	NM	NM	3.8
	8/27/2009	4.30	22.88	245	0.09	115	6.0
	8/31/2010	5.14	24.01	194	0.47	169	0.9
	3/2/2011	4.91	21.05	203	0.28	220	4.7
	8/25/2011	5.00	23.69	201	4.91	119.9	2.53
	3/14/2012	4.76	22.49	225	0.09	267.7	0.86
	8/23/2012	4.47	23.61	217	0.12	299.9	1.40
	3/13/2013	4.75	21.89	207	0.20	156.6	0.83
	8/23/2013	6.32	23.74	1029	1.90	-47.1	2.84

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

Location	Date	pH (SUs)	Temperature (°C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (ORP) (mV)	Turbidity (NTUs)
MW-7S-R	1/26/1999	3.97	NM	5040	NM	NM	27
	5/9/2000	4	NM	3570	NM	NM	4.62
	11/12/2001	4.11	NM	3100	NM	NM	4.14
	12/23/2002	5.32	NM	1721	NM	NM	2.13
	6/18/2003	5.01	NM	3000	NM	NM	2.9
	9/1/2009	2.98	26.10	3124	0.58	448	3.0
	9/1/2010	3.01	26.08	2708	1.65	411	130.0
	3/1/2011	3.87	16.07	2259	2.87	368	19.8
	8/29/2011	3.04	27.00	3592	1.34	368.3	51.2
	3/13/2012	3.82	20.82	2177	0.78	296.6	18.2
	8/22/2012	3.19	26.47	2396	0.29	388.5	38.5
	3/12/2013	3.20	16.45	2618	0.81	366.4	26.8
	8/20/2013	3.24	26.34	2437	0.21	366.8	17.0
MW-7I	5/8/2000	10	NM	596	NM	NM	2.46
	11/13/2001	4.72	NM	475	NM	NM	4.8
	12/22/2002	4.63	NM	735	NM	NM	2.6
	6/19/2003	4.48	NM	798	NM	NM	2.1
	8/26/2009	4.00	21.65	1041	0.10	114	1.8
	8/25/2010	10.70	23.75	442	2.70	109	1.3
	2/23/2011	4.04	20.74	1051	0.47	202	8.5
	8/23/2011	4.35	22.60	871	0.49	146.2	1.25
	3/14/2012	3.97	20.86	901	0.18	366.0	0.65
	8/23/2012	3.94	21.67	769	0.47	245.5	1.89
	3/12/2013	3.92	20.56	978	0.41	234.6	2.22
	8/27/2013	5.26	22.16	744	1.02	39.2	3.95
MW-8S	1/26/1999	3.58	NM	1510	NM	NM	90
	5/9/2000	3.61	NM	1219	NM	NM	4.64
	11/13/2001	3.49	NM	1232	NM	NM	115
	12/23/2002	3.47	NM	1572	NM	NM	208
	6/18/2003	3.49	NM	1715	NM	NM	4.89
MW-8I	8/31/2010	4.46	23.65	248	1.48	135	0.4
	3/1/2011	4.46	19.89	203	0.49	361	7.8
	8/25/2011	4.51	22.91	169	0.74	141.3	0.64
	3/13/2012	4.26	21.02	184	0.28	324.2	1.51
	8/22/2012	4.17	23.34	301	0.21	103.5	1.02
	3/12/2013	4.15	20.02	275	0.62	89.3	0.68
	8/22/2013	4.62	22.44	271	0.39	-36.1	0.59
MW-9S-R	1/26/1999	5.61	NM	3280	NM	NM	4.2
	5/9/2000	5.71	NM	266	NM	NM	4.86
	11/12/2001	4.33	NM	231	NM	NM	4.75
	12/23/2002	4.93	NM	186.6	NM	NM	1.02
	6/18/2003	5.07	NM	247	NM	NM	2.1
	8/26/2009	4.35	22.81	1331	0.13	124	1.2
	9/1/2010	4.32	22.51	1233	0.93	366	1.5
	3/1/2011	4.45	17.92	1274	0.38	246	1.6
	8/29/2011	4.53	25.37	1337	0.19	256.5	0.10
	3/13/2012	4.53	18.83	1089	0.17	252.7	0.55
	8/22/2012	4.14	21.84	1177	0.23	157.3	1.71
	3/12/2013	4.52	18.40	1165	0.32	162.1	1.23
	8/20/2013	5.60	25.56	610	0.18	-17.7	0.70
MW-10S-R	1/26/1999	4.97	NM	1290	NM	NM	7.8
	5/9/2000	5.29	NM	171.4	NM	NM	3.92
	11/13/2001	5.58	NM	192	NM	NM	5.5
	12/22/2002	6.11	NM	640	NM	NM	1.26
	6/18/2003	5.95	NM	583	NM	NM	0.2
	8/27/2009	5.02	23.99	213	0.38	73	2.0
	8/31/2010	5.63	25.13	214	1.00	-16	2.6
	3/1/2011	6.04	14.94	214	0.89	100	1.7
	8/25/2011	4.91	26.31	164	0.34	181.2	0.51
	3/14/2012	6.00	18.72	293	0.18	64.2	7.46
	8/22/2012	5.29	24.82	195	0.10	180.7	3.51
	3/13/2013	5.33	16.76	180	0.51	105.2	4.57
	8/21/2013	6.61	24.75	322	0.25	-35.5	1.80

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 (ORP) (mV)	Turbidity (NTUs)
MW-10I	8/27/2009	5.69	22.37	114	0.33	-31	4.8
	8/31/2010	6.11	23.57	105	0.27	-121	0.7
	3/1/2011	6.02	17.88	86	0.77	-29	4.0
	8/25/2011	6.00	24.48	91	3.68	79.1	3.00
	3/14/2012	5.72	20.73	82	0.67	55.9	1.64
	8/22/2012	5.66	23.25	96	0.31	67.6	6.88
	3/13/2013	5.68	19.49	80	0.87	79.7	2.17
	8/22/2013	5.88	22.22	85	0.55	-136.9	1.87
MW-11S	3/4/1999	6.82	NM	829	NM	NM	61.1
	5/9/2000	7.29	NM	594	NM	NM	2.79
	11/13/2001	6.66	NM	452	NM	NM	595
	12/23/2002	7.17	NM	520	NM	NM	13.9
	6/18/2003	7.11	NM	557	NM	NM	30
	8/27/2009	6.13	23.30	1338	0.60	-30	75.0
	8/31/2010	6.75	24.11	1135	2.26	-99	197.0
	3/1/2011	6.75	14.51	1206	7.22	-80	34.1
	8/24/2011	6.58	23.55	1133	0.48	78.7	55.1
	3/13/2012	6.61	20.35	1457	0.75	-26.5	1.78
	8/22/2012	6.61	23.65	1774	0.93	-71.5	55.4
	3/13/2013	6.56	16.15	1466	0.34	5.2	1.82
	8/21/2013	7.25	24.16	811	0.25	-72.5	1.71
MW-12S	5/9/2000	3.69	NM	10110	NM	NM	3.69
	11/13/2001	3.34	NM	6550	NM	NM	62.5
	12/22/2002	3.53	NM	4710	NM	NM	10.53
	6/19/2003	3.57	NM	5200	NM	NM	25.1
	8/25/2009	3.40	23.22	8086	0.13	200	15.8
	8/25/2010	3.08	23.07	2478	0.39	496	4.3
	2/23/2011	3.50	22.47	7482	0.69	307	1.2
	8/26/2011	3.54	23.88	8770	0.22	283.0	0.07
	3/15/2012	3.39	23.30	8932	0.09	381.5	1.38
	8/23/2012	3.33	22.80	8684	0.15	383.0	2.67
	3/13/2013	3.27	20.95	7951	0.25	291.7	0.86
	8/20/2013	3.55	23.06	8752	0.13	235.0	9.18
MW-12I	3/4/1999	4.98	NM	359	NM	NM	27.8
	5/9/2000	4.75	NM	312	NM	NM	2.41
	11/13/2001	4.71	NM	207	NM	NM	1.9
	12/22/2002	4.5	NM	302	NM	NM	1.61
	6/19/2003	4.69	NM	289	NM	NM	1.09
	8/25/2009	4.05	24.11	431	0.22	112	1.1
	8/25/2010	4.11	24.27	417	0.90	394	13.6
	2/23/2011	4.38	22.36	396	0.60	165	5.5
	8/26/2011	3.83	22.33	362	1.25	220.3	1.49
	3/15/2012	4.34	22.65	387	0.19	268.9	2.10
	8/23/2012	4.15	22.44	375	0.18	232.2	1.75
	3/13/2013	4.20	21.34	382	0.22	185.5	0.91
	8/20/2013	4.60	22.97	395	0.25	155.5	2.64
MW-13S-R	5/9/2000	7.19	NM	2410	NM	NM	3.88
	11/13/2001	6.74	NM	1053	NM	NM	20.5
	12/22/2002	6.73	NM	774	NM	NM	4.29
	6/18/2003	6.46	NM	624	NM	NM	4
	8/26/2009	5.84	22.09	588	0.12	108	5.4
	9/1/2010	6.03	22.60	484	0.21	48	1.0
	3/1/2011	5.84	18.62	418	0.35	100	2.4
	8/29/2011	5.62	25.14	453	0.10	146.1	0.83
	3/13/2012	5.87	20.37	537	0.13	143.9	0.50
	8/22/2012	5.69	21.78	593	0.08	159.6	14.3
	3/13/2013	5.99	17.30	566	0.34	110.6	0.95
	8/20/2013	5.86	23.18	634	0.21	-59.6	0.47
MW-13I	6/20/2003	11.01	NM	522	NM	NM	4
	8/25/2009	8.38	25.06	109	5.58	58	1.3
	8/24/2010	7.71	29.40	85	6.39	127	0.6
	2/22/2011	8.16	23.64	86	6.28	98	1.3
	8/23/2011	7.91	26.57	85	4.84	39.4	0.47
	3/14/2012	7.46	23.59	91	4.30	23.5	1.53
	8/23/2012	8.16	23.76	87	5.16	158.5	2.18
	3/13/2013	7.41	22.05	89	5.83	13.5	2.06
	8/20/2013	6.57	24.09	133	0.17	104.0	3.40

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

Location	Date	pH (SUs)	Temperature (°C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (ORP) (mV)	Turbidity (NTUs)
MW-14S	5/9/2000	5.25	NM	991	NM	NM	2.19
	11/13/2001	4.27	NM	824	NM	NM	6.8
	12/22/2002	5.32	NM	623	NM	NM	3.15
	6/18/2003	4.88	NM	579	NM	NM	0.6
MW-15S	5/8/2000	4	NM	749	NM	NM	1.34
	11/13/2001	3.69	NM	790	NM	NM	186
	12/22/2002	3.84	NM	1102	NM	NM	6.79
	6/19/2003	3.87	NM	1234	NM	NM	2.9
	8/25/2009	3.64	21.53	1466	0.10	358	1.1
	8/25/2010	3.65	22.74	1331	1.25	355	0.4
	2/23/2011	3.67	19.59	1520	0.26	382	0.5
	8/24/2011	3.89	22.64	1338	0.13	297.8	0.05
	3/14/2012	3.66	20.15	1595	0.06	283.9	0.28
	8/23/2012	3.57	21.87	1608	0.34	322.7	0.73
	3/13/2013	3.55	19.44	1569	0.22	284.0	0.32
	8/27/2013	3.62	22.21	1683	0.26	341.1	0.58
MW-16S	8/7/2000	4.13	NM	1092	NM	NM	1.53
	11/13/2001	3.47	NM	3080	NM	NM	1.3
	12/22/2002	3.88	NM	1374	NM	NM	0.41
	6/20/2003	3.74	NM	2150	NM	NM	0.27
MW-17S	8/8/2000	4.47	NM	OR	NM	NM	4.5
	11/13/2001	5.05	NM	OR	NM	NM	2.66
	12/22/2002	5.07	NM	86373	NM	NM	12.7
	6/19/2003	5.33	NM	OR	NM	NM	2.9
MW-18S	8/8/2000	4.28	NM	285	NM	NM	2.01
	11/14/2001	4.21	NM	300	NM	NM	2.9
	12/22/2002	4.5	NM	273	NM	NM	2.69
	6/19/2003	4.57	NM	400	NM	NM	1.9
	8/31/2009	4.56	23.45	418	0.30	-42	1.5
	8/26/2010	4.59	23.17	537	0.36	203	2.1
	2/24/2011	4.91	16.05	703	0.59	235	1.4
	8/29/2011	5.45	24.42	503	0.12	44.2	0.45
	3/16/2012	4.85	19.19	762	0.08	77.2	0.54
	8/23/2012	5.01	22.98	456	0.30	107.9	1.80
	3/14/2013	4.70	18.38	653	0.20	129.8	0.36
	8/28/2013	5.19	23.39	473	0.17	84.5	4.11
MW-19S	8/8/2000	4.25	NM	13960	NM	NM	4.27
	11/13/2001	3.55	NM	11730	NM	NM	108
	12/22/2002	3.99	NM	9494	NM	NM	2.72
	6/19/2003	4.35	NM	9280	NM	NM	4.6
	8/31/2009	5.56	24.14	4958	0.94	85	0.9
	8/25/2010	4.71	25.22	4942	1.68	213	8.2
	2/23/2011	5.10	16.10	4567	2.11	210	6.3
	8/30/2011	4.92	25.42	4271	0.31	178.7	0.35
	3/15/2012	5.15	18.73	1912	0.30	171.8	0.88
	8/25/2012	4.93	25.28	2839	1.10	198.1	5.46
	3/14/2013	4.97	16.73	2398	0.23	106.1	0.55
	8/29/2013	4.34	25.24	3967	0.24	189.9	3.02
MW-20S	8/8/2000	6.09	NM	205	NM	NM	12
	11/13/2001	5.44	NM	198.2	NM	NM	59.8
	12/21/2002	5.56	NM	174.1	NM	NM	14.6
	6/19/2003	6.28	NM	297	NM	NM	89
	8/28/2009	6.21	26.50	352	0.24	-17.7	0.2
	8/25/2010	6.41	27.66	288	0.89	-52	33.7
	2/23/2011	6.48	15.69	331	3.47	-79	1.9
	8/30/2011	6.40	27.47	345	0.13	-107.2	2.34
	3/15/2012	6.54	18.18	285	0.06	-33.0	1.15
	8/25/2012	6.38	25.43	290	0.15	-67.2	2.65
	3/14/2013	6.29	15.24	347	0.23	2.2	0.70
	8/28/2013	6.31	26.41	356	0.09	-56.9	2.19

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

Location	Date	pH (SUs)	Temperature (°C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (ORP) (mV)	Turbidity (NTUs)
MW-21S	12/23/2002	6.16	NM	4937	NM	NM	68.4
	6/20/2003	5.86	NM	5410	NM	NM	600
	8/28/2009	5.89	22.49	6055	0.26	134	60.4
	8/24/2010	5.46	24.04	4892	1.31	175	8.4
	2/23/2011	6.39	19.52	4748	0.40	195	4.8
	8/26/2011	6.65	29.07	4228	0.29	145.6	1.05
	3/16/2012	6.46	22.36	4448	2.65	109.2	1.31
	8/21/2012	6.38	22.18	4309	0.48	206.2	2.67
	3/18/2013	6.33	20.07	3965	0.51	159.3	6.31
	8/27/2013	6.51	22.29	4266	1.04	31.2	6.11
MW-22S	12/22/2002	5.23	NM	693	NM	NM	1.53
	6/20/2003	5.09	NM	182	NM	NM	0
	8/31/2009	5.06	22.71	289	0.19	-58	9.5
	8/26/2010	5.71	24.84	376	0.32	34	1.7
	2/24/2011	6.47	16.81	750	0.47	-2	4.5
	8/30/2011	6.18	28.34	678	0.39	34.7	1.15
	3/16/2012	6.55	19.80	856	0.80	121.6	2.44
	8/24/2012	5.53	25.77	292	0.28	72.9	2.77
	3/19/2013	6.27	18.01	475	0.40	41.4	1.42
	8/28/2013	6.45	26.31	294	0.51	10.1	5.32
MW-23S	12/23/2002	4.8	NM	194	NM	NM	4.7
	6/20/2003	4.98	NM	130	NM	NM	4
	8/31/2009	4.49	22.50	175	2.22	188	1.2
	8/26/2010	4.51	25.91	150	2.10	305	0.8
	2/24/2011	4.89	22.01	180	6.45	272	1.5
	8/31/2011	4.59	23.76	153	2.29	160.2	0.40
	3/16/2012	5.27	23.87	179	2.79	143.0	3.42
	8/26/2012	4.75	22.82	197	3.15	264.0	0.45
	3/19/2013	4.77	21.42	152	2.51	204.4	0.48
	8/23/2013	5.00	22.12	131	1.63	224.5	4.15
MW-24S	12/21/2002	4.82	NM	94	NM	NM	4.07
	6/19/2003	4.73	NM	98.2	NM	NM	0.68
	9/1/2009	4.09	22.51	83	4.70	224	0.7
	8/27/2010	4.49	23.40	78	4.84	361	3.2
	2/28/2011	4.74	22.78	84	5.61	57	1.9
	8/26/2011	4.87	28.00	86	3.66	135.7	0.13
	3/19/2012	4.66	23.42	85	4.06	259.7	0.75
	8/25/2012	4.15	22.51	88	4.20	147.8	0.92
	3/19/2013	4.76	22.27	93	4.43	209.5	1.85
	8/21/2013	5.61	23.77	93	4.35	146.6	3.87
MW-25S	12/21/2002	4.69	NM	691	NM	NM	2.32
	6/19/2003	4.93	NM	175	NM	NM	3.4
	9/1/2009	4.92	25.28	156	0.92	-27	11.2
	8/25/2010	4.62	25.42	128	2.94	186	7.0
	2/28/2011	5.76	19.92	174	1.78	-29	5.5
	8/31/2011	5.97	27.52	245	0.15	-3.9	2.92
	3/16/2012	5.37	21.83	440	0.23	60.8	2.00
	8/24/2012	5.35	25.75	205	1.03	81.3	1.91
	3/20/2013	4.81	18.58	861	2.51	116.6	0.83
	8/27/2013	4.88	26.25	211	0.57	154.1	5.87
MW-26S	12/21/2002	4.82	NM	123.4	NM	NM	4.63
	6/19/2003	4.69	NM	124	NM	NM	3.1
	8/28/2009	3.88	25.12	99	1.69	124	7.7
	8/25/2010	4.12	24.54	92	3.25	321	6.3
	2/28/2011	4.63	21.83	101	3.43	113	1.5
	8/30/2011	4.42	24.80	87	0.71	104.1	0.31
	3/15/2012	5.14	22.56	120	2.12	79.1	0.12
	8/25/2012	4.27	24.35	113	1.52	198.1	0.29
	3/14/2013	5.11	21.40	145	2.68	85.7	0.39
	8/28/2013	6.26	23.91	173	2.79	179.7	5.79
MW-27S-R	12/22/2002	6.37	NM	133.4	NM	NM	4.7
	6/18/2003	5.27	NM	133.6	NM	NM	4.5
	8/26/2009	5.99	23.70	518	0.25	-15	3.6
	9/1/2010	6.43	25.94	749	0.25	-97.5	5.2
	3/1/2011	6.26	17.11	1214	1.62	-45	5.1
	8/29/2011	6.19	27.01	749	0.21	-25.2	1.24
	3/13/2012	6.08	18.18	996	0.12	-13.3	3.87
	8/22/2012	6.11	25.18	1155	0.19	-50.3	3.92
	3/13/2013	6.37	15.98	735	0.34	-71.8	2.39
	8/20/2013	6.50	26.33	843	0.13	-114.6	2.08

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

Location	Date	pH (SUs)	Temperature (°C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (ORP) (mV)	Turbidity (NTUs)
MW-28S	12/22/2002	4.32	NM	1588	NM	NM	2.45
	6/20/2003	4.06	NM	2400	NM	NM	0.92
	8/25/2009	5.77	26.85	1076	0.28	98	5.6
	8/24/2010	4.18	26.21	1647	0.50	246	2.1
	2/22/2011	4.43	22.72	1762	0.40	194	2.1
	8/23/2011	5.00	28.74	1630	0.50	72.4	4.45
	3/14/2012	4.69	25.58	1606	0.06	65.8	3.95
	8/21/2012	4.64	27.45	1721	0.07	109.3	3.69
	3/14/2013	5.16	24.04	1293	0.15	90.7	38.7
	8/27/2013	5.25	26.90	1594	0.62	5.0	3.64
MW-29S	6/20/2003	4.06	NM	2550	NM	NM	0
	8/25/2009	3.63	25.65	2366	0.43	158	0.4
	8/24/2010	3.30	26.53	2264	0.45	357	0.6
	2/22/2011	3.65	21.30	2470	0.45	378	0.2
	8/24/2011	3.75	23.08	2155	5.06	164.4	0.18
	3/14/2012	3.71	22.16	2309	0.18	382.0	0.47
	8/21/2012	3.54	22.71	2109	0.29	164.9	0.29
	3/14/2013	3.64	20.86	1723	0.18	137.5	0.45
	8/28/2013	4.64	29.17	1302	0.20	39.2	3.07
MW-30S	6/20/2003	5.46	NM	550	NM	NM	14.5
	8/25/2009	3.90	23.29	662	1.13	112	2.4
	8/24/2010	3.70	23.88	613	1.50	268	1.1
	2/22/2011	4.23	22.63	614	1.80	199	0.2
	8/23/2011	4.36	25.87	457	1.17	107.7	0.18
	3/14/2012	4.08	22.03	570	1.20	216.4	0.14
	8/21/2012	4.02	23.59	527	1.19	124.0	2.80
	3/15/2013	4.14	22.05	535	1.43	254.0	0.33
	8/22/2013	4.43	25.22	645	3.46	115.9	0.58
MW-31S	6/20/2003	5.38	NM	150	NM	NM	>1000
	8/25/2009	4.63	29.01	151	3.16	121	116.0
	8/24/2010	5.21	28.87	79	7.09	170	>1000
	2/22/2011	5.13	24.58	85	6.50	224	577
	8/24/2011	4.83	26.68	74	5.52	133.8	95.5
	3/15/2012	4.82	25.00	108	4.49	246.4	21.0
	8/24/2012	4.71	26.16	112	5.85	251.0	7.92
	3/20/2013	4.74	21.70	73	5.81	195.6	89.4
	8/28/2013	4.77	27.46	151	3.56	13.6	5.56
MW-32S-R	6/20/2003	3.75	NM	8370	NM	NM	0.66
	8/24/2010	4.34	29.93	6539	1.40	189	1.2
	2/23/2011	5.37	19.10	9306	0.29	231	1.3
	8/26/2011	5.23	31.47	9700	0.21	227.0	1.52
	3/20/2012	4.12	21.59	7867	0.37	237.4	2.97
	8/21/2012	4.84	26.62	7377	0.28	202.7	9.8
	3/18/2013	5.39	19.96	6297	0.59	189.5	2.61
	8/20/2013	6.08	26.86	2101	0.20	161.4	4.84
MW-32-I	8/24/2010	4.06	28.92	3238	0.96	211	95.4
	2/22/2011	4.39	23.79	3581	0.68	259	8.3
	8/26/2011	4.38	27.79	3466	0.30	203.9	4.72
	3/20/2012	3.81	23.51	2810	0.28	404.4	0.62
	8/21/2012	3.63	23.87	2979	0.07	198.5	2.28
	3/18/2013	3.65	22.93	2905	0.17	162.6	1.26
	8/20/2013	3.92	23.47	2963	0.18	231.8	2.47
MW-33S	6/19/2003	6.38	NM	200	NM	NM	3
	9/1/2009	5.10	21.54	50	5.88	164	9.8
	8/30/2010	5.06	22.62	55	4.42	171	3.9
	2/28/2011	5.28	20.61	95	6.66	62	8.8
	3/16/2012	4.57	19.98	258	4.31	134.8	0.98
	8/24/2012	4.70	21.35	70	6.13	109.6	1.25
	3/20/2013	5.07	19.47	125	5.07	111.4	1.25
	8/27/2013	5.02	21.27	113	4.21	159.4	4.45
MW-34S	6/19/2003	6.01	NM	>9000	NM	NM	0
	8/31/2009	5.82	26.35	44634	2.36	176	4.8
	8/25/2010	6.51	27.37	36335	7.69	201	1.4
	2/23/2011	5.60	16.33	26898	0.62	226	3.6
	8/31/2011	4.21	25.97	33619	0.45	205.9	3.63
	3/15/2012	3.63	18.78	19762	0.34	256.8	0.92
	8/25/2012	5.08	27.12	32944	0.12	224	2.36
	3/14/2013	5.82	16.80	24572	0.31	222.7	0.58
	8/21/2013	6.01	25.71	15079	0.14	182.2	3.75

TABLE 3
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Former Farmers Favorite Fertilizer Facility
Moultrie, Georgia

Location	Date	pH (SUs)	Temperature (°C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (ORP) (mV)	Turbidity (NTUs)
MW-34I	8/25/2010	6.26	28.50	91	4.24	105	27.4
	2/23/2011	6.14	20.41	107	4.49	196	106
	8/30/2011	6.04	25.22	99	1.06	75.1	34.0
	3/15/2012	6.25	21.58	91	2.38	85.2	130
	8/25/2012	5.97	23.89	84	3.86	99.7	280
	3/14/2013	5.93	20.05	83	3.60	62.1	360
	8/21/2013	5.95	22.65	81	3.46	98.1	336
MW-35S	8/25/2009	3.91	26.47	779	0.53	102	6.6
	8/24/2010	3.68	27.21	666	0.62	278	2.3
	2/22/2011	4.06	25.07	701	0.71	186	0.9
	8/23/2011	4.16	28.99	587	0.28	104.1	0.33
	3/14/2012	4.01	25.79	611	0.23	404.9	1.10
	8/21/2012	3.84	27.41	577	0.13	128.6	0.44
	3/13/2013	3.91	23.89	651	0.39	278.6	0.53
	8/27/2013	4.04	27.34	660	0.25	90.4	0.54
MW-36S	8/26/2009	3.66	23.44	1239	0.16	311	2.9
	9/1/2010	3.78	24.21	1287	0.20	438	5.6
	3/1/2011	4.55	17.60	824	1.91	155	2.4
	8/29/2011	3.80	26.77	1470	0.15	384.1	0.11
	3/13/2012	6.35	19.47	345	2.51	54.3	0.65
	8/22/2012	4.02	23.41	880	0.21	-149	5.04
	3/12/2013	5.68	17.73	441	0.50	114.7	9.28
	8/20/2013	5.85	25.49	255	0.25	-48.6	9.3
MW-37S	8/26/2009	6.70	22.14	959	0.08	-103	3.6
	9/1/2010	6.76	22.64	922	0.44	-126	3.3
	3/1/2011	6.82	18.33	963	0.31	-120	8.0
	8/29/2011	6.74	26.68	1033	0.08	-112.6	0.90
	3/13/2012	6.82	19.52	868	0.06	-113.3	1.09
	8/22/2012	6.75	23.30	964	0.05	-110.9	6.36
	3/13/2013	6.81	18.08	862	0.31	-115.9	1.82
	8/20/2013	6.63	23.50	962	0.26	-122.7	0.67
MW-38S	8/26/2009	5.37	23.35	164	0.41	82	1.7
	9/1/2010	5.73	24.23	178	1.49	105	0.4
	3/1/2011	5.92	15.06	165	2.13	36	3.6
	8/24/2011	4.86	25.79	106	0.75	103.8	0.05
	3/14/2012	6.11	18.90	320	0.07	-94.9	0.75
	8/22/2012	5.85	24.03	215	0.31	5.8	3.07
	3/13/2013	6.26	16.34	274	0.16	20.8	2.82
	8/21/2013	6.12	23.91	283	0.21	-86.4	0.95
MW-39S	8/27/2009	4.41	23.90	302	0.09	116	2.5
	8/31/2010	4.54	24.55	3	0.50	208	0.4
	3/2/2011	4.55	19.67	368	0.25	261	2.0
	8/25/2011	4.25	29.32	408	0.16	234.0	0.09
	3/14/2012	4.32	21.34	592	0.10	220.8	0.68
	8/23/2012	4.28	24.56	573	0.30	263.5	2.67
	3/13/2013	4.32	20.46	503	0.33	184.0	0.82
	8/21/2013	4.21	24.38	442	0.32	53.2	2.37
MW-40S	8/24/2010	5.30	28.21	102	3.27	134	10.3
	2/22/2011	5.60	25.31	84	2.96	192	9.1
	8/29/2011	5.22	28.89	78	0.77	161.2	19.9
	3/15/2012	5.39	26.41	67	1.90	136.0	8.9
	8/23/2012	5.23	25.51	58	2.08	222.6	8.82
	3/15/2013	5.27	24.14	48	2.57	222.7	9.89
	8/20/2013	5.56	25.85	79	1.43	99.9	6.40
MW-41S	8/24/2010	3.51	24.88	2833	0.28	347	0.9
	2/23/2011	3.71	21.41	3148	0.90	260	0.5
	8/29/2011	3.61	27.53	2578	0.07	268.8	0.21
	3/15/2012	3.70	23.73	2835	0.04	331.7	0.58
	8/23/2012	3.72	24.91	2413	0.06	301.7	0.26
	3/18/2013	3.60	23.85	2625	0.21	172.5	0.38
	8/27/2013	4.28	24.35	2391	0.12	180.6	3.97
MW-42S	8/26/2010	5.62	23.50	5380	0.39	43	29.6
	2/24/2011	5.94	15.81	6602	0.24	221	18.1
	8/30/2011	5.91	24.46	4764	0.09	166.4	109.8
	3/16/2012	5.58	19.43	7649	0.23	171.4	42.0
	8/24/2012	5.36	23.84	8609	0.09	172.6	120
	3/14/2013	5.69	17.35	6918	0.19	220.3	8.16
	8/29/2013	5.02	23.15	5937	0.40	195.1	21.7

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

Location	Date	pH (SUs)	Temperature (°C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (ORP) (mV)	Turbidity (NTUs)
MW-43S	8/26/2010	5.30	26.24	1818	0.40	191	1.4
	2/24/2011	5.61	15.07	1870	0.56	183	0.7
	8/30/2011	5.24	26.21	1705	0.13	146.3	0.40
	3/15/2012	5.53	18.26	1632	0.15	128.0	0.88
	8/24/2012	5.75	26.43	1992	0.22	154.2	0.53
	3/14/2013	5.41	15.74	1815	0.33	148.8	0.61
	8/22/2013	5.64	27.07	1585	0.10	68.8	3.55
MW-44S	8/26/2010	5.98	24.87	581	0.24	14	44.0
	2/24/2011	6.20	18.42	830	0.20	33	25.7
	8/30/2011	6.04	26.81	809	0.11	11.5	1.41
	3/16/2012	6.42	21.25	1056	0.26	-15.0	9.63
	8/24/2012	5.98	25.38	990	0.53	35.5	8.5
	3/19/2013	6.30	18.85	996	0.45	68.2	3.47
	8/28/2013	6.49	27.14	574	0.97	83.8	9.11
MW-45S	8/31/2011	6.70	26.45	9158	2.77	95.2	8.10
	3/19/2012	6.99	18.19	9454	0.27	-142.9	1.71
	8/25/2012	7.07	23.53	9945	0.02	-108.5	6.00
	3/20/2013	7.00	17.00	9904	0.23	-85.6	2.80
	8/22/2013	7.31	24.32	9325	0.06	-161.3	6.69
MW-46S	8/25/2010	3.87	28.88	432	0.76	306.1	2.6
	2/25/2011	4.04	18.45	496	0.70	261.4	2.2
	8/31/2011	4.30	30.10	413	0.13	115.7	1.23
	3/16/2012	3.84	21.09	543	0.77	152.8	0.31
	8/25/2012	3.99	26.43	446	0.25	198.2	0.36
	3/20/2013	3.91	20.08	460	0.27	224.0	1.92
	8/28/2013	4.84	26.32	297	0.95	282.3	5.28
MW-47S	9/1/2010	5.32	24.67	44	4.89	222	2.7
	2/24/2011	5.60	21.59	47	5.37	234	2.5
	8/31/2011	5.31	23.41	45	3.85	129.1	1.45
	3/16/2012	5.17	21.30	51	4.30	206.1	1.54
	8/25/2012	5.01	22.01	61	4.38	124.8	1.53
	3/19/2013	5.34	20.95	53	4.63	157.6	1.67
	8/22/2013	5.43	21.49	49	4.51	62.9	7.16
MW-48S	5/10/2012	4.85	22.20	301.5	0.45	218.9	0.42
	8/21/2012	3.96	21.23	851	0.13	107.7	0.61
	3/15/2013	3.89	20.64	1161	0.41	257.5	0.45
	8/29/2013	3.96	21.27	1110	0.18	44.6	0.37
MW-49S	5/10/2012	5.91	27.70	117.9	2.37	151.3	119
	8/24/2012	5.25	26.32	71	3.48	125.5	144
	3/20/2013	5.27	21.95	41	3.51	176.6	296
	8/20/2013	5.57	27.72	51	3.64	130.8	99.9
FFFW-1-R	1/6-7/87	6.3	NM	NA	NM	NM	NA
	5/10/2000	6.64	NM	535	NM	NM	362
	11/14/2001	6.35	NM	448	NM	NM	58
	12/21/2002	6.83	NM	294	NM	NM	57.3
	6/20/2003	5.81	NM	539	NM	NM	210
	9/1/2009	6.43	22.04	452	5.92	6	49.6
	8/30/2011	6.19	27.64	546	0.61	35.3	1.07
	3/19/2012	6.23	18.47	534	0.42	5.2	1.64
	8/24/2012	6.32	25.96	532	0.11	35.8	0.75
	3/19/2013	6.46	16.42	476	1.83	75.2	0.88
	8/29/2013	6.37	25.47	490	0.17	61.6	2.07
FFFW-2-R	1/6-7/87	4.1	NM	NA	NM	NM	NA
	5/10/2000	3.75	NM	14210	NM	NM	36.2
	11/14/2001	3.98	NM	5600	NM	NM	66.8
	12/22/2002	3.53	NM	26284	NM	NM	>1000
	6/20/2003	3.62	NM	OR	NM	NM	600
	9/1/2009	4.36	22.05	2041	0.15	199	19.0
	8/27/2010	3.95	21.44	3640	0.57	448	2.0
	2/28/2011	4.08	23.07	4462	0.72	235	0.7
	8/31/2011	4.13	22.22	1464	0.50	178.0	0.47
	3/19/2012	4.05	21.54	3995	0.57	228.4	1.24
	8/26/2012	3.78	22.44	4520	0.35	358.4	1.32
	3/19/2013	3.92	21.56	4944	0.40	247.0	0.98
	8/23/2013	3.96	21.36	4971	0.34	475.1	4.56

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

Location	Date	pH (SUs)	Temperature (°C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (ORP) (mV)	Turbidity (NTUs)
FFFW-2I	8/27/2010	6.58	22.39	283	2.16	362	1.1
	2/28/2011	6.45	23.29	245	5.34	128	5.1
	8/31/2011	5.94	22.23	214	3.43	113.8	1.87
	3/19/2012	5.55	22.02	330	1.38	109.0	0.78
	8/26/2012	5.43	22.18	313	1.37	170.9	1.38
	3/19/2013	5.43	21.60	352	1.43	111.0	1.65
	8/23/2013	5.42	21.52	363	1.47	97.1	4.59
FFFW-3-R	1/6-7/87	6	NM	NA	NM	NM	NA
	5/10/2000	4.73	NM	2730	NM	NM	12.9
	11/14/2001	4.69	NM	4200	NM	NM	2.67
	12/22/2002	4.53	NM	3320	NM	NM	>1000
	6/19/2003	4.4	NM	2880	NM	NM	54
	8/31/2009	4.65	25.12	2207	0.60	92	12.9
	8/29/2011	5.69	27.81	2431	0.56	218.4	24.2
	3/15/2012	5.81	19.47	2009	0.34	86.5	46.2
	8/24/2012	5.43	25.63	2069	0.44	141.8	4.26
	3/14/2013	5.24	15.16	2148	2.25	168.1	0.71
	8/22/2013	5.62	26.80	1932	0.08	71.5	3.47
FFFW-4-R	1/6-7/87	5.8	NM	NA	NM	NM	NA
	5/10/2000	5.59	NM	244	NM	NM	18.4
	11/14/2001	6.22	NM	52.4	NM	NM	479
	12/23/2002	6.27	NM	37	NM	NM	>1000
	6/20/2003	7.26	NM	30	NM	NM	350
	9/1/2009	4.98	21.05	56	2.54	178	>1000
	8/30/2011	5.77	23.80	10249	3.40	147.9	50.6
	3/19/2012	5.86	20.69	2553	0.31	65.7	62.9
	8/25/2012	5.67	25.86	2323	0.19	163.4	182
	3/20/2013	5.63	17.25	1729	0.34	223.3	77.0
	8/22/2013	6.32	26.15	459	0.63	19.2	223
MW-TP1S	8/7/2000	4.45	NM	310	NM	NM	3.26
	11/14/2001	4.68	NM	215	NM	NM	1.59
	12/20/2002	4.26	NM	349	NM	NM	1.92
	6/19/2003	4.97	NM	381	NM	NM	3.7
	9/1/2009	4.20	21.54	254	3.06	176	1.8
	8/30/2010	4.55	25.22	225	4.38	181	0.3
	2/28/2011	4.60	20.41	203	3.56	130	0.8
	8/26/2011	4.68	21.74	183	3.59	155.7	4.70
	3/19/2012	4.56	19.66	188	3.65	171.3	0.25
	8/25/2012	4.31	21.60	194	3.39	157.6	0.43
	3/19/2013	4.43	19.25	241	3.03	173.4	0.74
	8/21/2013	5.58	22.06	253	2.47	131.1	4.80
MW-TP1I	8/8/2000	6.95	NM	159.2	NM	NM	148
	11/14/2001	6.06	NM	46.5	NM	NM	19.3
	12/20/2002	6.32	NM	57	NM	NM	18.8
	6/19/2003	4.47	NM	11.6	NM	NM	120
	9/1/2009	5.68	21.51	50	5.94	128	19.7
	8/30/2010	6.04	24.18	48	4.12	128	1.1
	2/28/2011	6.23	20.89	50	6.90	102	7.3
	8/26/2011	5.41	23.19	48	5.04	135.7	3.01
	3/19/2012	6.06	20.66	50	5.44	149.9	9.79
	8/25/2012	5.93	21.00	56	5.77	82.5	9.4
	3/19/2013	5.94	20.14	50	6.25	113.5	6.45
	8/21/2013	6.15	22.05	49	5.31	108.2	6.11
MW-TP2S	8/7/2000	4.35	NM	555	NM	NM	4.81
	11/14/2001	4.54	NM	420	NM	NM	180
	12/21/2002	4.55	NM	543	NM	NM	14.9
	6/19/2003	4.9	NM	437	NM	NM	85
	9/1/2009	4.81	23.27	369	0.33	81.5	11.7
	8/26/2010	4.81	24.69	398	1.82	287	6.6
	2/28/2011	5.42	17.30	480	0.83	79	5.0
	8/31/2011	5.10	25.02	414	0.19	88.4	3.05
	3/16/2012	5.56	18.46	431	0.65	-688.8	4.16
	8/24/2012	5.02	24.34	484	0.26	115.1	8.66
	3/20/2013	5.42	17.00	252	0.50	121.1	13.8
	8/27/2013	5.94	24.69	169	0.07	34.3	19.2

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

Location	Date	pH (SUs)	Temperature (°C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (ORP) (mV)	Turbidity (NTUs)
MW-TP3S	8/7/2000	4.29	NM	339	NM	NM	2.41
	11/14/2001	4.77	NM	221	NM	NM	2.45
	12/20/2002	4.81	NM	243	NM	NM	1.45
	6/19/2003	5	NM	293	NM	NM	4.5
	9/1/2009	4.43	22.08	212	1.18	296	5.6
	8/26/2010	4.48	22.42	186	1.42	328	1.4
	2/28/2011	5.03	19.35	214	0.87	33	2.9
	8/31/2011	5.06	22.79	167	1.52	80.1	0.66
	3/16/2012	4.80	19.78	215	1.31	-665.7	0.80
	8/25/2012	4.69	21.99	215	1.32	219.3	0.66
	3/20/2013	4.66	18.69	210	1.28	90.6	0.78
	8/27/2013	5.26	21.53	199	0.47	123.7	4.83
MW-TP4S	8/7/2000	4.7	NM	128.9	NM	NM	4.88
	11/14/2001	4.92	NM	86.5	NM	NM	2.9
	12/20/2002	4.94	NM	131.2	NM	NM	18.3
	6/20/2003	4.78	NM	116	NM	NM	0.93
	9/1/2009	4.18	22.00	107	3.78	194	7.9
	8/27/2010	4.28	22.08	101	4.45	357	5.4
	2/28/2011	4.80	22.33	110	4.64	100	1.6
	8/26/2011	4.49	24.98	110	3.38	164.3	0.24
	3/19/2012	4.75	23.08	114	3.73	128.4	0.59
	8/25/2012	4.63	22.17	109	3.93	218.0	1.66
	3/19/2013	4.66	21.59	142	4.35	209.7	0.74
	8/21/2013	5.11	23.30	115	3.37	163.2	3.17
MW-TP5S	8/7/2000	3.9	NM	8380	NM	NM	3.02
	11/14/2001	3.21	NM	15490	NM	NM	2.3
	12/20/2002	3.19	NM	10080	NM	NM	3.11
	6/20/2003	5.65	NM	740	NM	NM	4.5
	8/31/2009	3.31	21.72	15532	0.20	381	2.2
	8/30/2010	3.85	23.10	16735	2.02	354	4.3
	2/24/2011	3.34	21.53	16894	0.45	354	1.3
	8/31/2011	3.33	24.15	15515	0.17	251.7	0.33
	3/20/2012	3.28	22.11	16970	0.33	348.5	4.37
	8/26/2012	3.21	23.68	18085	0.17	373.3	2.48
	3/19/2013	3.09	19.77	18335	0.29	370.0	0.94
	8/22/2013	3.26	23.06	20111	0.17	390.3	4.15
MW-TP5I	8/30/2010	6.12	24.49	298	1.28	118	103.0
	2/24/2011	6.10	22.60	78	6.84	142	51.4
	8/31/2011	5.76	25.61	70	1.76	128.4	46.5
	3/20/2012	5.87	23.70	66	0.34	58.2	273
	8/26/2012	5.85	22.93	59	0.47	141.9	384
	3/19/2013	5.70	20.25	53	0.55	88.2	271
	8/22/2013	5.90	22.71	47	0.67	196.6	256
MW-TP6S	8/7/2000	4.21	NM	618	NM	NM	4.64

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

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

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

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

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

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

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-1S-R	1/26/1999	<0.005	<0.01	0.022	<0.004	<0.005	<0.01	<0.025	**1.6**	<0.0002	<0.04	<0.01	<0.01	**0.0029**	<0.01	0.056
	5/9/2000	<0.005	<0.01	0.011	<0.004	<0.005	<0.01	<0.025	**0.07**	<0.0002	<0.04	<0.01	<0.01	<0.002	0.019	0.052
	11/13/2001	NA	NA	NA	NA	NA	NA	NA	**0.09**	NA	NA	NA	NA	NA	NA	NA
	12/22/2002	<0.006	<0.010	0.011	<0.004	<0.005	0.012	0.021	**0.1**	<0.0002	<0.04	<0.01	<0.01	<0.01	0.034	0.038
Dissolved	12/22/2002	NA	NA	<0.010	NA	NA	<0.010	<0.020	**0.08**	NA	NA	NA	NA	NA	<0.010	0.034
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	**0.09**	NA	NA	NA	NA	NA	NA	NA
Dissolved	6/18/2003	NA	NA	NA	NA	NA	NA	NA	**0.066**	NA	NA	NA	NA	NA	NA	NA
	11/8/2006	<0.0026	<0.0038	0.03	0.0034	0.00068 V	0.0023 V	0.043 V	**0.034 V**	0.000044 I	0.044	<0.0043	<0.0006	<0.0010	0.0018 I	0.14 V
	8/27/2009	0.00035 I	0.0085 U	0.032	0.00016 I	0.00032 U	0.001 V,I	0.0025 U	0.0013 U	0.000014 U	0.0015 I	0.0022 U	0.000059 U	0.000067 U	0.0029	0.017 V
	3/2/2010	0.00021 I	0.0085 U	0.022	0.00013 U	0.00032 U	0.0011 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0044 U	0.00012 U	0.00013 U	0.0033	0.0088 I
	8/31/2010	0.0015 U	0.0085 U	0.033	0.00013 U	0.00032 U	0.0013 I	0.0028 I	0.0013 U	0.000014 U	0.0011 U	0.0044 U	0.0012 U	0.0013 U	0.0014 I	0.0094 I
	3/2/2011	0.00022 I	0.0085 U	0.027	0.00013 U	0.00032 U	0.0016 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0029	0.019
	8/25/2011	NA	0.0028	0.049	0.00025 U	0.000095 U	NA	0.0053	0.00028 J	NA	0.0034 J	0.0025 B	NA	0.00050 U	0.0038 U	0.0085 J
	3/14/2012	NA	0.0019 J	NA	NA	NA	NA	NA	0.00067 J	NA	0.0027 J	NA	NA	NA	NA	NA
Dissolved	3/14/2012	NA	0.0017 J	NA	NA	NA	NA	NA	0.00020 U	NA	0.0029 J	NA	NA	NA	NA	NA
	8/23/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00088 J	NA	0.0023 J	NA	NA	NA	NA	NA
Dissolved	8/23/2012	NA	~~0.0013 U~~	NA	NA	NA	NA	NA	0.00021 J	NA	0.0031 J	NA	NA	NA	NA	NA
	3/12/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00047 J	NA	0.0020 U	NA	NA	NA	NA	NA
Dissolved	3/12/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	8/21/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00064 J	NA	0.0020 U	NA	NA	NA	NA	NA
MW-1I-R	1/26/1999	NA	<0.01	0.055	NA	<0.005	<0.01	NA	0.0065	<0.0002	NA	NA	<0.01	NA	NA	NA
	5/9/2000	NA	<0.01	0.089	NA	<0.005	<0.01	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/2001	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/23/2002	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/8/2006	NA	<0.0038	0.12	NA	0.000097 I V	0.00074 I V	NA	<0.0019	<0.00002	NA	<0.0043	0.0011 I V	NA	NA	NA
	8/27/2009	0.00015 I	0.0085 U	0.14	0.00032	0.00032 U	0.00059 V,I	0.0025 U	0.0013 U	0.000019 I	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00018 U	0.051 V
	3/2/2010	0.00015 U	0.0085 U	0.15	0.00044	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000021 I	0.0011 U	0.0044 U	0.00012 U	0.00013 U	0.00018 I	0.012
	8/31/2010	0.0058 I	0.0085 U	0.15	0.00046	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.044 U	0.0012 U	0.0013 U	0.00029 I	0.0061 I
	3/2/2011	0.00023 I	0.0085 U	0.14	0.00040	0.00032 U	0.00050 U	0.0025 U	0.0013 I	0.000049 I	0.0011 U	0.0022 U	0.000059 U	0.00014 I	0.00018 U	0.021
	8/25/2011	NA	0.0013 U	0.150	0.00051	0.000095 U	NA	0.0011 U	0.0020	NA	0.0022 J	0.0010 U	NA	0.00050 U	0.0038 U	0.0083 U
	3/13/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0015	NA	0.002 U	NA	NA	NA	NA	NA
	8/23/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0017	NA	0.0037 J	NA	NA	NA	NA	NA
	3/12/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0016	NA	0.0020 U	NA	NA	NA	NA	NA
	8/23/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0015	NA	0.0020 U	NA	NA	NA	NA	NA

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-2S	1/26/1999	<0.005	<0.01	0.037	<0.004	**0.0053**	<0.01	<0.025	0.0068	<0.0002	<0.04	<0.01	<0.01	<0.002	<0.01	0.47
	5/8/2000	<0.005	<0.01	0.031	<0.004	<0.005	<0.01	<0.025	0.0075	<0.0002	<0.04	<0.01	<0.01	<0.002	<0.01	0.42
	11/12/2001	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	0.43
	12/23/2002	<0.006	<0.01	0.04	<0.004	<0.005	<0.01	<0.02	0.0054	<0.0002	<0.04	<0.01	<0.01	<0.002	<0.01	0.38
	6/18/2003	NA	NA	NA	NA	NA	NA	0.028	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/24/2006	<0.0026	<0.0038	0.044	0.00077	0.0037 V	0.001 I V	0.02 V	<0.0019	<0.00002	0.0052 I	<0.0043	<0.0006	<0.0010	0.00078 I	0.34
	8/28/2009	0.000099 I	0.0085 U	0.043	0.00061	0.0031	0.00070 V,I	0.012	0.0013 U	0.000014 U	0.0057 I	0.0022 U	0.000059 U	0.000067 U	0.00028 I	0.29 V
	3/2/2010	0.00015 U	0.0085 U	0.036	0.00057	0.003	0.00050 U	0.011	0.0013 U	0.000014 U	0.0061 I	0.0044 U	0.00012 U	0.00019 I	0.0030 I	0.31
	8/31/2010	0.0015 U	0.01	0.045	0.00068	0.0024	0.0010 I	0.013	0.0013 U	0.000014 U	0.0027 I	0.0044 U	0.0012 U	0.0013 U	0.00023 I	0.26
	3/1/2011	0.000077 I	0.0098 I	0.038	0.00059	0.0026	0.00064 I	0.011	0.0013 U	0.000014 U	0.0053 I	0.0022 U	0.000059 U	0.00021	0.00018 U	0.31
	8/25/2011	NA	0.0015 J	0.040	0.00066	0.0019	NA	0.014	0.0039	NA	0.011	0.0041 B	NA	0.00050 U	0.0038 U	0.240
	3/13/2012	NA	0.0025	0.036	NA	NA	NA	NA	0.0030	NA	0.0082	NA	NA	NA	NA	NA
	8/23/2012	NA	0.0013 U	0.044	NA	NA	NA	NA	0.0040	NA	0.0074	NA	NA	NA	NA	NA
	3/12/2013	NA	0.0018 J	0.035	NA	NA	NA	NA	0.0025	NA	0.0085	NA	NA	NA	NA	NA
	8/20/2013	NA	0.0013 U	0.035	NA	NA	NA	NA	0.0025	NA	0.0063	NA	NA	NA	NA	NA
MW-2I	1/26/1999	NA	<0.01	0.13	NA	<0.005	<0.01	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	5/8/2000	NA	<0.01	0.15	NA	<0.005	<0.01	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/12/2001	NA	NA	NA	NA	NA	NA	NA	<0.01	NA	NA	NA	NA	NA	NA	<0.10
	12/23/2002	<0.20*	<0.10*	**15**	**0.16**	<0.050*	<0.10*	0.17	0.0063	NA	**0.41**	<0.10*	NA	<0.10*	<0.10*	<0.02
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/24/2006	<0.0026	<0.0038	0.17	0.00055	0.00018 I V	0.00092 IV	0.0047 V	0.0025	0.000026 I	<0.0016	<0.0043	0.00073 I	<0.0010	0.00086 I	0.013
	8/28/2009	0.000073 U	0.0085 U	0.17	0.00041	0.00032 U	0.00054 V,I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00018 U	0.015 V
	3/2/2010	0.00015 U	0.0085 U	0.16	0.00053	0.00032 U	0.00050 U	0.0025 U	0.0015 I	0.000014 U	0.0011 U	0.0044 U	0.00012 U	0.00014 I	0.00018 U	0.0096 I
	8/31/2010	0.0015 U	0.0085 U	0.17	0.00055	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0044 U	0.0012 U	0.0013 U	0.00018 U	0.0065 I
	3/1/2011	0.000073 U	0.0085 U	0.16	0.00041	0.00032 U	0.00050 U	0.0025 U	0.0018 I	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.00011 I	0.00018 U	0.017
	8/25/2011	NA	0.0013 U	0.160	0.00051	0.000095 U	NA	0.0011 U	0.0020	NA	0.0022 J	0.0010 U	NA	0.00050 U	0.0038 U	0.0083 U
	3/13/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0017 U	NA	0.002 U	NA	NA	NA	NA	NA
	8/23/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0019	NA	0.0020 U	NA	NA	NA	NA	NA
	3/12/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0019	NA	0.0020 U	NA	NA	NA	NA	NA
	8/23/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0017	NA	0.0020 U	NA	NA	NA	NA	NA

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-3S	1/26/1999	<0.025*	<0.25*	<0.25*	<0.1*	<0.12*	**0.19**	**1.8**	<0.12*	<0.0002	**0.34**	<0.25*	<0.25*	**0.0028**	<0.25*	**2.4**
	5/8/2000	<0.005	**0.039**	<0.01	**0.011**	<0.005	0.021	0.33	**0.017**	<0.0002	0.069	<0.01	<0.01	<0.002	<0.01	0.38
	11/13/2001	NA	**0.46**	NA	NA	NA	NA	NA	**0.23**	NA	NA	NA	NA	NA	NA	NA
	12/23/2002	<0.80*	**0.46**	<0.40*	<0.16*	<0.20*	<0.40*	**1.8**	**0.21**	<0.0002	<1.6*	<0.40*	<0.40*	<0.40*	<0.40*	**2.5**
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	**0.12**	NA	NA	NA	NA	NA	NA	NA
	10/24/2006	**0.012**	**0.57**	0.016	**0.030**	**0.014 V**	**0.15**	**4.3 V**	**0.21**	0.000047 I	**0.43**	<0.0086	<0.0012	<0.0010	0.0047	**2.9**
	8/28/2009	0.00014 J4,I	**0.42 J4**	0.013 J4	**0.024 J4**	**0.013 J4**	0.068 J4	**2.6 J4**	**0.14 J4**	0.000014 U	**0.32 J4**	0.0022 J4,U	0.000099 J4,I	0.0014 J4	0.0021 J4	**2.1 J4**
	3/2/2010	0.00015 U	**0.40**	0.012	**0.025**	**0.0097**	0.091	**2.8**	**0.15**	0.000094 I	**0.34**	**0.085**	0.00012 U	0.0014	0.0025	**2.2**
	8/31/2010	0.00023 I	**0.52**	0.013	**0.023**	**0.011**	0.094	**2.8**	**0.18**	0.000065 I	**0.33**	0.0033 I	0.000081 I	0.0014	0.0023	**2.2**
	3/2/2011	0.00013 I,J4	**0.56**	0.015	**0.025**	**0.010**	0.075	**2.8**	**0.17**	0.000014 U	**0.37**	0.0022 U,J4	0.000059 U,J4	0.0014 J4	0.00036 U	**2.4**
	8/25/2011	NA	**0.038**	0.010	**0.0070**	0.0043	NA	1.3	**0.049**	NA	**0.150**	**0.066 B**	NA	0.00050 U	0.015 U	0.780
	3/14/2012	NA	**0.310**	0.015	**0.0220**	**0.0180**	NA	**1.4**	**0.120**	NA	**0.260**	0.048	NA	NA	NA	1.7
	8/22/2012	NA	**0.350**	0.014	**0.024**	**0.012**	NA	**1.9**	**0.110**	NA	**0.320**	**0.064**	NA	NA	NA	1.8
	3/15/2013	NA	**0.250**	0.012	**0.023**	**0.011**	NA	**1.6**	**0.120**	NA	**0.260**	**0.077**	NA	NA	NA	**2.2**
	8/22/2013	NA	0.0031	0.017	0.0019	0.0017	NA	0.060	**0.073**	NA	0.056	0.0082	NA	NA	NA	0.340
MW-3I	1/26/1999	NA	<0.01	0.082	NA	<0.005	0.01	NA	**0.027**	<0.0002	NA	NA	<0.01	NA	NA	NA
	5/8/2000	NA	<0.01	0.11	NA	<0.005	<0.01	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/2001	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/23/2002	NA	NA	NA	NA	NA	NA	NA	<0.0050	NA	NA	NA	NA	NA	NA	NA
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	<0.0050	NA	NA	NA	NA	NA	NA	NA
	10/24/2006	NA	<0.0038	0.11	NA	0.00022 V	0.00082 I V	NA	0.0021 I	0.000046 I	NA	<0.0043	<0.0006	NA	NA	NA
	8/28/2009	0.000073 U	0.0085 U	0.12	0.00046	0.00032 U	0.00058 V,I	0.0025 U	0.0013 U	0.000033 I	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00018 U	0.020 V
	3/2/2010	0.00015 U	0.0085 U	0.11	0.0006	0.00032 U	0.00050 U	0.0025 U	0.0017 I	0.000055 I	0.0011 U	0.0044 U	0.00012 U	0.00013 U	0.00037 I	0.013
	8/31/2010	0.000073 U	0.0085 U	0.12	0.0005	0.00039 I	0.00054 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000097 I	0.00018 U	0.013
	3/2/2011	0.00010 I	0.0085 U	0.13	0.00072	0.00052 I	0.0035 I	0.0034 I	0.0090	0.00019	0.0022 I	0.0022 U	0.000059 U	0.00015 I	0.0063	0.024
	8/25/2011	NA	0.0013 U	0.110	0.00065	0.00012 J	NA	0.0024 J	0.0017	NA	0.0033 J	0.0025 B	NA	0.00050 U	0.0038 U	0.0086 J
	3/14/2012	NA	0.0013 U	0.170	0.00094	NA	NA	NA	0.0029	NA	0.0035 J	NA	NA	NA	NA	NA
	8/22/2012	NA	0.0013 U	0.130	0.00066	NA	NA	NA	0.0021	NA	0.0031 J	NA	NA	NA	NA	NA
	3/15/2013	NA	0.0013 U	0.098	0.00049 J	NA	NA	NA	0.0016	NA	0.0026 J	NA	NA	NA	NA	NA
	8/28/2013	NA	0.0013 U	0.062	0.00040 J	NA	NA	NA	0.0013 J	NA	0.0020 U	NA	NA	NA	NA	NA

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-4S	1/26/1999	NA	<0.01	0.05	NA	<0.005	<0.01	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	5/9/2000	NA	<0.01	0.035	NA	<0.005	<0.01	NA	**0.017**	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/14/2001	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/2002	NA	NA	NA	NA	NA	NA	NA	**0.018**	NA	NA	NA	NA	NA	NA	NA
	6/19/2003	NA	NA	NA	NA	NA	NA	NA	0.012	NA	NA	NA	NA	NA	NA	NA
	10/25/2006	NA	<0.0038	0.028	NA	0.0012 V	0.00036 I V	NA	<0.0019	0.000098	NA	<0.0043	<0.0006	NA	NA	NA
	8/28/2009	**0.0089 V,I**	**0.071**	0.060	**0.0091**	**0.0067**	0.0078 V	0.046	0.011	0.000063 I	0.083	0.0068 U	0.00079 I	**0.0024**	0.019	2.0
Dissolved	8/28/2009	0.00055 I	0.0085 U	NA	0.00015 I	**0.0063**	NA	NA	NA	NA	NA	NA	NA	**0.0024**	0.012	1.6
	2/24/2010	0.00026 I	0.0085 U	0.011	0.0022	0.0022	0.0016 V,I	0.011	0.0013 U	0.000014 U	0.032	0.0063	0.00014 I	0.00021	0.0067	1.60
	8/25/2010	0.00062	**0.052**	0.012	0.0018	0.0026	0.0055	0.033	0.0013 U	0.000017 I	0.038	0.0025 I	0.00013 I	0.0012	0.011 V	1.5
	2/23/2011	0.00076	**0.035**	0.0024	0.00013 U	0.00079	0.0023 I	0.016	0.0013 U	0.000022 I	0.026	0.0022 U	0.000059 U	0.00089	0.033	0.51
	8/30/2011	NA	**0.044**	0.0044 J	0.00025 U	0.0029	NA	0.037	0.00020 U	NA	0.062	0.0044 B	NA	0.0017	0.034	0.890
	3/15/2012	NA	**0.052**	NA	0.00025 U	0.0031	NA	0.026	0.00020 U	NA	0.068	NA	NA	NA	NA	1.500
	8/25/2012	NA	**0.032**	NA	0.00025 U	**0.0066**	NA	0.028	0.00020 U	NA	0.095	NA	NA	NA	NA	1.700
	3/14/2013	NA	**0.063**	NA	0.00025 U	0.00094	NA	0.027	0.00062 J	NA	0.032	NA	NA	NA	NA	0.220
	8/28/2013	NA	**0.012**	NA	0.00025 U	0.0011	NA	0.0055	0.00020 U	NA	0.025	NA	NA	NA	NA	0.81
MW-5S-R	1/26/1999	NA	<0.01	0.11	NA	<0.005	<0.01	NA	**0.097**	<0.0002	NA	NA	<0.01	NA	NA	NA
	5/9/2000	NA	<0.01	0.079	NA	<0.005	<0.01	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/2001	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/2002	NA	NA	NA	NA	NA	NA	NA	0.0065	NA	NA	NA	NA	NA	NA	NA
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	0.0073	NA	NA	NA	NA	NA	NA	NA
	11/8/2006	NA	<0.0038	0.14	NA	0.00064 V	0.00082 I V	NA	<0.0019	<0.00002	NA	<0.0043	0.00098 I V	NA	NA	NA
	8/27/2009	0.00017 I	0.0085 U	0.025	**0.0061**	0.0013	0.0046 V	0.019	**0.034 V**	0.000014 U	0.067	0.0022 U	0.000059 U	0.00008 I	0.012	0.30 V
	3/3/2010	0.00040 I	0.0085 U	0.079	0.00019 I	0.00032 U	0.00069 I	0.0047	0.0013 U	0.000014 U	0.0046 I	0.0044 U	0.00012 U	0.00013 U	0.0021	0.039
	8/31/2010	0.0015 U	**0.087**	0.075	**0.0053**	0.00040 I	0.0048	0.02	**0.03**	0.000014 U	0.033	0.044 U	0.0012 U	0.0013 U	0.0055	0.17
Dissolved	8/31/2010	NA	**0.072**	NA	NA	NA	NA	NA	0.014	NA	NA	NA	NA	NA	NA	NA
	3/1/2011	0.00096	**0.012**	0.088	0.00056	0.00032 U	0.0032 I	0.016	0.0013 U	0.000025 I	0.012	0.0022 U	0.000059 U	0.000067 U	0.0044	0.068
Dissolved	3/1/2011	NA	0.0085 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/29/2011	NA	**0.091**	0.018	**0.013**	0.0010 J	NA	0.047 J	**0.140**	NA	0.100	**0.150**	NA	0.00050 U	0.038 U	0.480
	3/14/2012	NA	0.0046	NA	0.00087	0.00035 J	NA	NA	0.0055	NA	0.020	NA	NA	NA	NA	NA
Dissolved	3/14/2012	NA	0.0030	NA	0.00039 J	0.00029 J	NA	NA	0.0037	NA	0.020	NA	NA	NA	NA	NA
	8/22/2012	NA	0.0058	NA	0.00025 U	0.000095 U	NA	NA	0.00020 U	NA	0.011	NA	NA	NA	NA	NA
Dissolved	8/22/2012	NA	0.0058	NA	0.00035 J	0.000095 U	NA	NA	0.00052 J	NA	0.0097	NA	NA	NA	NA	NA
	3/13/2013	NA	0.0027	NA	0.00036 J	0.00013 J	NA	NA	0.0017	NA	0.0091	NA	NA	NA	NA	NA
Dissolved	3/13/2013	NA	0.0013 U	NA	0.00025 U	0.00011 J	NA	NA	0.00020 U	NA	0.0094	NA	NA	NA	NA	NA
	8/21/2013	NA	0.0031	NA	0.00025 U	0.000095 U	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-6S-R	1/26/1999	<0.025*	<0.05*	<0.05*	<0.02*	<0.025*	0.087	0.41	<0.025*	<0.0002	**0.34**	<0.05*	<0.05*	**0.0022**	0.068	1.4
	5/8/2000	<0.005	<0.01	0.01	**0.0078**	**0.012**	0.088	0.28	**0.033**	<0.0002	**0.39**	<0.01	<0.01	<0.002	**0.22**	1.3
	11/13/2001	NA	NA	NA	**0.012**	**0.053**	NA	NA	**0.27**	**0.3**	NA	NA	NA	NA	NA	NA
	12/22/2002	<0.10*	**0.075**	<0.050*	**0.027**	<0.025*	0.059	0.24	**0.12**	<0.0002	**0.36**	<0.050*	<0.050*	<0.050*	0.14	1.8
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	**0.12**	NA	NA	NA	NA	NA	NA	NA
	11/8/2006	**0.012**	**0.092**	0.025	**0.017**	**0.032 V**	0.033 V	0.29 V	**0.068**	0.000042 I	**0.27**	<0.0043	<0.0006	**0.0027 I**	0.0029 V	**2.0 V**
	8/26/2009	0.00073 U	0.0036 U	0.020	**0.045**	**0.140**	0.049	0.23	**0.410**	0.000068 I	**0.75**	**0.590**	0.0006 I	0.00067 U	**0.210**	**4.7**
	3/2/2010	0.00015 U	0.0085 U	0.00028 U	**0.0064**	**0.01**	0.0078	0.12	0.0013 U	0.000014 U	**0.14**	0.0044 U	0.00012 U	0.00022 I	0.0023	1.0
	8/31/2010	0.0015 U	**0.18**	0.0096	**0.021**	**0.018**	0.024	0.33	**0.09**	0.000031 I	**0.39**	0.044 U	0.0012 U	0.0017 I	**0.051**	1.9
	3/1/2011	0.00015 I,J4	**0.023**	0.0079	**0.012**	**0.018**	0.015	0.27	0.0019 I	0.000018 I	**0.28**	0.0022 U,J4	0.000059 U,J4	0.00058 J4	0.011	1.7
	8/25/2011	NA	0.0098	0.014	**0.017**	**0.021**	NA	0.300	**0.022**	NA	**0.3100**	0.017 B	NA	0.0012	0.012	1.800
	3/13/2012	NA	**0.0140**	NA	**0.014**	**0.020**	NA	NA	0.0073	NA	**0.2900**	NA	NA	NA	NA	1.700
	8/22/2012	NA	**0.570**	NA	**0.041**	**0.016**	NA	NA	**0.160**	NA	**0.590**	NA	NA	NA	NA	**3.200**
	3/12/2013	NA	**0.018**	NA	**0.0061**	**0.0053**	NA	NA	0.013	NA	**0.130**	NA	NA	NA	NA	0.810
	8/22/2013	NA	0.0014 J	NA	0.0021	0.0022	NA	NA	0.0011 J	NA	**0.046**	NA	NA	NA	NA	0.390
MW-6I	5/9/2000	NA	<0.01	0.16	NA	<0.005	<0.01	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/2001	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	0.0054	NA	NA	NA	NA	NA	NA	NA
	10/24/2006	NA	<0.0038	0.049	NA	0.00038 V	0.00073 I V	NA	0.0057 I	0.000055 I	NA	<0.0043	<0.0006	NA	NA	NA
	8/27/2009	0.000073 U	0.0085 U	0.057	0.00099	0.00032 U	0.00072 V,I	0.0025 U	0.0057 V,I	0.000042 I	0.0027 I	0.0022 U	0.000059 U	0.000067 U	0.00025 I	0.022V
	3/1/2010	0.00015 U	0.0085 U	0.08	0.0011	0.00032 U	0.00050 U	0.0074	0.0031 I	0.000044 I	0.0014 I	0.0044 U	0.00012 U	0.00013 U	0.00035 I	0.028
	8/31/2010	0.000073 U	0.0085 U	0.085	0.00079	0.00032 U	0.00054 I	0.0051	0.0013 U	0.000022 I	0.0011 U	0.0022 U	0.000059 U	0.00015 I	0.00021 I	0.027
	3/2/2011	0.000073 U	0.0085 U	0.074	0.00082	0.00032 U	0.00050 U	0.0025 U	0.0031 I	0.000077 I	0.0012 I	0.0022 U	0.000059 U	0.00014 I	0.00033 I	0.037
	8/25/2011	NA	0.0013 U	0.085	0.0013	0.00011 J	NA	0.0028 J	0.0052	NA	0.0047 J	0.0010 U	NA	0.00050 U	0.0038 U	0.021
	3/14/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0034	NA	0.0039 J	NA	NA	NA	NA	NA
	8/23/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0041	NA	0.0026 J	NA	NA	NA	NA	NA
	3/13/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0028	NA	0.0034 J	NA	NA	NA	NA	NA
	8/23/2013	NA	0.0013 U	NA	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	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-7S-R	1/26/1999	<0.025*	<0.05*	<0.05*	<0.02*	<0.025*	<0.05*	<0.12*	**0.05**	<0.0002	<0.2*	<0.05*	<0.05*	**0.0029**	0.061	0.25
	5/9/2000	<0.005	**0.017**	0.017	**0.0047**	<0.005	0.012	<0.025	**0.036**	<0.0002	<0.04	<0.01	<0.01	<0.002	0.061	0.28
	11/12/2001	NA	NA	NA	0.0034	NA	NA	NA	**0.033**	<0.05	NA	NA	NA	NA	NA	NA
	12/23/2002	NA	NA	NA	<0.0040	NA	NA	NA	0.0094	NA	<0.04	NA	NA	NA	NA	NA
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	0.0098	NA	NA	NA	NA	NA	NA	NA
	11/8/2006	**0.0077 I**	<0.0038	0.0027	**0.0044**	**0.0066 V**	0.057 V	0.18 V	<0.0019	0.000021 I	**0.2**	<0.0043	0.002 I V	<0.0010	**0.047 V**	1.7 V
	9/1/2009	0.000087 I	0.0085 U	0.00028 U	**0.0079**	0.0028	0.078	0.11	0.0013 U	0.000014 U	**0.15**	0.0022 U	0.000059 U	0.000074 I	**0.032**	1.1
	3/2/2010	0.00047 I	0.0085 U	0.019	**0.0042**	0.0014	0.043	0.057	0.0013 U	0.000014 U	0.098	0.0044 U	0.00012 U	0.00015 I	0.015	0.66
	9/1/2010	0.00014 I	**0.017**	0.015	**0.0062**	0.0016	0.081	0.079	0.0013 U	0.000015 I	0.10	0.0022 U	0.000059 U	0.000094 I	**0.058**	0.68
Dissolved	9/1/2010	NA	**0.012**	NA	**0.0058**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/1/2011	0.00013 I,J4	**0.017**	0.042	**0.0041**	0.0014	0.048	0.061	0.0013 U	0.000014 U	**0.11**	0.0022 U,J4	0.000059 U,J4	0.000067 U,J4	**0.030**	0.68
Dissolved	3/1/2011	NA	**0.020**	NA	**0.0045**	NA	NA	NA	NA	NA	**0.12**	NA	NA	NA	NA	NA
	8/29/2011	NA	0.0076	0.0030 J	**0.011**	0.0035	NA	0.120	0.0013 J	NA	**0.190 B**	0.0020 J	NA	0.00050 U	0.084	1.200
Dissolved	8/29/2011	NA	0.0044	0.0030 J	**0.0096**	0.0031	NA	0.094	0.0014 J	NA	**0.160**	0.0083 B	NA	0.00050 U	0.075	0.940
	3/13/2012	NA	0.0034	NA	**0.0043**	NA	NA	NA	0.00057 J	NA	0.100	NA	NA	NA	NA	NA
	8/22/2012	NA	0.0018 J	NA	**0.0054**	NA	NA	NA	0.00044 J	NA	0.087	NA	NA	NA	NA	NA
Dissolved	8/22/2012	NA	0.0021 J	NA	**0.0053**	NA	NA	NA	0.00041 J	NA	0.091	NA	NA	NA	NA	NA
	3/12/2013	NA	0.0034	NA	**0.0045**	NA	NA	NA	0.0025	NA	**0.120**	NA	NA	NA	NA	NA
Dissolved	3/12/2013	NA	0.0034	NA	**0.0046**	NA	NA	NA	0.0023	NA	0.100	NA	NA	NA	NA	NA
	8/20/2013	NA	0.0017 J	NA	**0.0056**	NA	NA	NA	0.0024	NA	0.100	NA	NA	NA	NA	NA
Dissolved	8/20/2013	NA	0.0021 J	NA	**0.0057**	NA	NA	NA	0.0016	NA	0.092	NA	NA	NA	NA	NA
MW-7I	5/8/2000	NA	<0.01	0.58	NA	<0.005	0.036	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/2001	NA	NA	NA	NA	NA	<0.010	NA	**0.026**	NA	NA	NA	NA	NA	NA	NA
	12/22/2002	NA	NA	NA	NA	NA	<0.010	NA	**0.035**	NA	NA	NA	NA	NA	NA	NA
	6/19/2003	NA	NA	NA	NA	NA	NA	NA	**0.042**	NA	NA	NA	NA	NA	NA	NA
	10/25/2006	NA	<0.0038	2.0	NA	0.0008 V	0.0011 I V	NA	**0.045**	0.00049	NA	<0.0043	<0.0006	NA	NA	NA
	8/26/2009	0.000073 U	0.0085 U	**2.4**	**0.0053**	0.00075	0.00053 I	0.016	**0.045**	0.00058	0.0095	0.0022 U	0.000059 U	0.000087 I	0.00049 I	0.13
	2/23/2010	0.00011 I	0.0085 U	0.36	0.00044	0.00032 U	0.0015 V,I	0.0025 U	0.0013 I	0.0016	0.0014 I	0.0022 U	0.00010 I	0.000067 U	0.0011 I	0.026
	8/25/2010	0.00016 I	0.0085 U	0.13	0.00013 U	0.00032 U	0.00050 U	0.0041	0.0013 U	0.00014	0.0011	0.0022 U	0.000059 U	0.000067 U	0.0023 V	0.0020 U
	2/23/2011	0.000073 U,J4	**0.019**	**2.5 J4**	**0.0053**	0.00034 I	0.00085 I	0.017	**0.052**	0.00066	0.0012	0.0022 U,J4	0.000059 U,J4	0.00039 J4	0.00054 I	0.13
	8/23/2011	NA	0.0085	**2.5**	**0.0064**	0.00078	NA	0.016	**0.067**	NA	0.015	0.016	NA	0.0005 U	0.0038 U	0.120
	3/14/2012	NA	0.0081	**2.1**	**0.0046**	NA	NA	NA	**0.049**	NA	0.012	NA	NA	NA	NA	NA
	8/23/2012	NA	0.0027	1.7	0.0040	NA	NA	NA	**0.043**	NA	0.0087	NA	NA	NA	NA	NA
	3/12/2013	NA	0.0089	**2.3**	**0.0047**	NA	NA	NA	**0.055**	NA	0.015	NA	NA	NA	NA	NA
	8/27/2013	NA	0.0061	**2.3**	**0.0049**	NA	NA	NA	**0.057**	NA	0.014	NA	NA	NA	NA	NA

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-8S	1/26/1999	<0.005	<0.2*	<0.2*	<0.08*	<0.1*	<0.2*	<0.5*	**0.36**	<0.0002	<0.8*	<0.2*	<0.2*	**0.0021**	<0.2*	0.49
	5/9/2000	<0.005	<0.05*	<0.05*	<0.02*	<0.025*	<0.05*	<0.12*	**0.26**	<0.0002	<0.2*	<0.05*	<0.05*	<0.002	<0.05*	0.37
	11/13/2001	NA	NA	NA	**0.0056**	0.0031	NA	NA	**0.29**	NA	<0.05	NA	NA	NA	NA	NA
	12/23/2002	<0.10*	**0.084**	<0.050*	<0.020*	<0.025*	<0.050*	<0.10*	**0.31**	<0.0002	<0.20*	<0.050*	<0.050*	<0.50*	<0.050*	0.5
Dissolved	12/23/2002	<0.20*	<0.050*	<0.10*	<0.040*	<0.050*	<0.10*	<0.20*	**0.35**	NA	<0.40*	<0.10*	<0.10*	<0.10*	<0.10*	0.62
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	**0.3**	NA	NA	NA	NA	NA	NA	NA
MW-8I	3/2/2010	0.00015 U	0.0085 U	0.15	0.00081	0.00032 U	0.00050 U	0.0057	0.0034 I	0.000014 U	0.0033 I	0.0044 U	0.00012 U	0.00019 I	0.00059 I	0.042
	8/31/2010	0.00022 I	0.0085 U	0.15	0.0011	0.00032 U	0.00070 I	0.0064	0.011	0.000014 U	0.0014 I	0.0022 U	0.000059 U	0.00022	0.00022 I	0.16
	3/1/2011	0.000074 I	0.0085 U	0.085	0.00046	0.00032 U	0.00074 I	0.0025 U	0.0060 I	0.000066 I	0.0011 U	0.0022 U	0.000059 U	0.00016 I	0.0010 I	0.032
	8/25/2011	NA	0.0013 U	0.086	0.00057	0.000095 U	NA	0.0022 J	0.0060	NA	0.0034 J	0.0032 B	NA	0.00050 U	0.0038 U	0.018 J
	3/13/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0067	NA	0.0022 J	NA	NA	NA	NA	NA
	8/22/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.013	NA	0.0043 J	NA	NA	NA	NA	NA
	3/12/2013	NA	0.0013 J	NA	NA	NA	NA	NA	0.012	NA	0.0047 J	NA	NA	NA	NA	NA
	8/22/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.013	NA	0.0037 J	NA	NA	NA	NA	NA
MW-9S-R	1/26/1999	NA	<0.01	0.11	NA	<0.005	<0.01	NA	0.0084	<0.0002	NA	NA	<0.01	NA	NA	NA
	5/9/2000	NA	<0.01	0.13	NA	<0.005	<0.01	NA	0.0056	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/12/2001	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/23/2002	<0.006	<0.010	0.9	**0.0052**	<0.0050	<0.010	0.022	0.0097	NA	<0.04	<0.01	NA	<0.01	<0.01	1
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	0.0069	NA	NA	NA	NA	NA	NA	NA
	11/8/2006	NA	<0.0038	0.025	NA	**0.0096 V**	0.0068 V	NA	0.0059 I	<0.00002	NA	<0.0043	0.00092 I V	NA	NA	NA
	8/26/2009	0.000095 I	**0.029**	0.019	0.0040	0.0017	0.00050 U	0.0038 I	**0.020**	0.000014 U	0.026	0.0030 I	0.000059 U	0.000098 I	0.00049 I	1.4
	3/2/2010	0.00072 I	**0.095**	0.015	**0.0049**	0.0011	0.00050 U	0.0035 I	**0.033**	0.000014 U	0.02	0.033	0.00012 U	0.00041	0.00018 U	0.97
	9/1/2010	0.00013 I	**0.081**	0.018	0.0035	0.0007	0.0012 I	0.0048	**0.027**	0.000014 U	0.014	0.0036 I	0.000059 U	0.00031	0.00050 I	0.86
	3/1/2011	0.000087 I,J4	**0.075**	0.016	0.0032	0.00056 I	0.00050 U	0.0025 U	**0.027**	0.000014 U	0.013	0.0022 U,J4	0.000059 U,J4	0.00040 J4	0.00020 I	0.73
	8/29/2011	NA	**0.038**	0.017	0.0038	0.00080 J	NA	0.0049 J	**0.0370**	NA	0.017	**0.057**	NA	0.00050 U	0.0076 U	0.560
	3/13/2012	NA	**0.053**	NA	NA	NA	NA	NA	**0.0260**	NA	0.015	NA	NA	NA	NA	NA
	8/22/2012	NA	**0.055**	NA	NA	NA	NA	NA	**0.032**	NA	0.014	NA	NA	NA	NA	NA
	3/12/2013	NA	**0.049**	NA	NA	NA	NA	NA	**0.028**	NA	0.011	NA	NA	NA	NA	NA
	8/20/2013	NA	0.0074	NA	NA	NA	NA	NA	0.0090	NA	0.0048 J	NA	NA	NA	NA	NA

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-10S-R	1/26/1999	NA	<0.010	0.047	NA	<0.005	<0.01	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	5/9/2000	NA	<0.010	0.13	NA	<0.005	<0.01	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/2001	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/2002	<0.20*	<0.10*	1.7	**0.04**	<0.050*	<0.10*	0.16	<0.0050	NA	<0.04	<0.10*	NA	<0.10*	<0.10*	0.2
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/8/2006	NA	<0.0038	0.21	NA	0.00015 I V	0.0015 V	NA	<0.0019	<0.00002	NA	<0.0043	0.001 I V	NA	NA	NA
	8/27/2009	0.000099 I	0.0085 U	0.19	0.00037	0.00032 U	0.00073 V,I	0.0025 U	0.0013 U	0.000014 U	0.0014 I	0.0022 U	0.000059 U	0.000067 U	0.00031 I	0.0091 V,I
	3/3/2010	0.00018 I	0.0085 U	0.23	0.00038	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0044 U	0.00012 U	0.00013 U	0.00080 I	0.0088 I
	8/31/2010	0.00036 I	0.0085 U	0.16	0.00034	0.00032 U	0.00099 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000093 I	0.0013 I	0.0072 I
	3/1/2011	0.00012 I	0.0085 U	0.19	0.00037	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00043 I	0.015
	8/25/2011	NA	0.0013 U	0.160	0.00052	0.000095 U	NA	0.0011 U	0.00055 J	NA	0.0024 J	0.0010 U	NA	0.00050 U	0.0038 U	0.0083 U
	3/14/2012	NA	0.0025	NA	0.00025 J	0.000095 U	NA	NA	0.00020 J	NA	0.0026 J	NA	NA	NA	NA	NA
	8/22/2012	NA	0.0013 U	NA	0.00049 J	0.000095 U	NA	NA	0.00043 J	NA	0.0032 J	NA	NA	NA	NA	NA
	3/13/2013	NA	0.0013 U	NA	0.00026 J	0.000095 U	NA	NA	0.00029 J	NA	0.0023 J	NA	NA	NA	NA	NA
	8/21/2013	NA	0.0042	NA	0.00025 U	0.000095 U	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
MW-10I	11/8/2006	NA	<0.0038	0.073	NA	<0.000051	0.0006 I V	NA	<0.0019	<0.00002	NA	<0.0043	0.0013 I V	NA	NA	NA
	8/27/2009	0.000073 U	0.0085 U	0.090	0.00013 U	0.00032 U	0.00078 V,I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00031 I	0.008 V,I
	3/3/2010	0.00034 I	0.0085 U	0.085	0.00013 U	0.00032 U	0.00050 U	0.0025 U	0.013	0.000014 U	0.0011 U	0.0044 U	0.00012 U	0.00013 U	0.00069 I	0.0072 I
	8/31/2010	0.000073 U	0.0085 U	0.11	0.00013 U	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00031 I	0.01
	3/1/2011	0.000087 I	0.0085 U	0.083	0.00013 U	0.00032 U	0.00072 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00076 I	0.015
	8/25/2011	NA	0.0013 U	0.091	0.00025 U	0.000095 U	NA	0.0011 U	0.00020 U	NA	0.0020 U	0.0010 U	NA	0.00050 U	0.0038 U	0.0083 U
	3/14/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	8/22/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00039 J	NA	0.0020 U	NA	NA	NA	NA	NA
	3/13/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	8/23/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-11S	3/4/1999	NA	<0.01	0.033	NA	<0.005	<0.01	NA	0.0077	<0.0002	NA	NA	<0.01	NA	NA	NA
	5/9/2000	NA	<0.01	0.084	NA	<0.005	<0.01	NA	**0.024**	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/2001	NA	NA	NA	NA	NA	NA	NA	0.014	NA	NA	NA	NA	NA	NA	NA
	12/23/2002	<0.20*	**0.1**	**2.8**	**0.04**	<0.050*	<0.10*	0.18	<0.0050	NA	<0.04	<0.10*	NA	<0.10*	<0.10*	0.87
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/24/2006	<0.0026	<0.0038	0.16	<0.000017	0.00034 V	0.00047 I V	0.0036 I V	<0.0019	<0.00002	0.0079	<0.0043	<0.0006	<0.0010	0.0019 I	0.0039 I
	8/27/2009	0.0014	0.0085 U	0.40	0.00013 U	0.00032 U	0.0005 U	0.0025 U	0.0013 U	0.000014 U	0.0038 I	0.0022 U	0.000059 U	0.000067 U	0.0096	0.0020 U
	3/3/2010	0.0039	0.0085 U	0.068	0.00013 U	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0044 U	0.00012 U	0.00013 U	0.0041	0.022
	8/31/2010	0.00079	**0.011**	0.22	0.00013 U	0.00032 U	0.0010 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0034	0.0020 U
Dissolved	8/31/2010	NA	0.0085 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/1/2011	0.0012	0.010	0.16	0.00013 U	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0012 I	0.0022 U	0.000059 U	0.000067 U	0.0012 I	0.0042 I
	8/25/2011	NA	0.0029	0.390	0.00025 U	0.000095 U	NA	0.0011 U	0.00020 U	NA	0.0020 U	0.0010 U	NA	0.00050 U	0.0038 U	0.0083 U
Dissolved	8/25/2011	NA	0.0094	**3.000**	**0.0066**	0.0010	NA	0.026	**0.083**	NA	0.020	0.0015 J	NA	0.0012	0.0038 U	0.130
	3/13/2012	NA	0.0031	NA	NA	NA	NA	NA	0.00020 U	NA	0.0025 J	NA	NA	NA	NA	NA
	8/22/2012	NA	0.0060	NA	NA	NA	NA	NA	0.00050 J	NA	0.0024 J	NA	NA	NA	NA	NA
Dissolved	8/22/2012	NA	0.0053	NA	NA	NA	NA	NA	0.00020 U	NA	0.0035 J	NA	NA	NA	NA	NA
	3/13/2013	NA	0.0033	NA	NA	NA	NA	NA	0.00020 U	NA	0.016	NA	NA	NA	NA	NA
	8/21/2013	NA	**0.0130**	NA	NA	NA	NA	NA	0.0064	NA	0.0039 J	NA	NA	NA	NA	NA
MW-12S	5/9/2000	<0.005	**0.04**	1.2	**0.012**	<0.005	<0.01	0.055	**0.047**	0.0007	0.05	<0.01	<0.01	**0.0023**	<0.01	0.21
	11/13/2001	NA	NA	**4.9**	**0.011**	NA	<0.010	NA	**0.19**	NA	NA	NA	<0.5	<0.501	NA	NA
	12/22/2002	<0.20*	<0.10*	1.7	**0.04**	<0.050*	<0.10*	0.16	**0.087**	0.0017	<0.40*	<0.10*	<0.10*	<0.10*	<0.10*	0.87
	6/19/2003	NA	**0.11**	NA	<0.04	NA	NA	NA	**0.086**	0.0017	<0.2	NA	NA	<0.004	NA	NA
Dissolved	6/19/2003	<0.006	**0.089**	1.3	**0.023**	<0.025	<0.05	0.15	**0.049**	0.0016	**0.13**	<0.05	<0.05	<0.004	<0.05	NA
	10/24/2006	<0.0026	<0.0038	0.38	0.0012	0.00027 V	0.00094 I V	0.0068 V	0.004 I	0.00048	0.002 I	<0.0043	<0.0006	<0.0010	0.00064 I	0.032
	8/25/2009	0.00024 I	0.00036 U	**7.1**	**0.031**	**0.054**	0.0016 I	0.34	**0.24**	**0.0024**	**0.260**	**0.190**	0.00018 I	0.00022	0.0017 U	1.3
Dissolved	8/25/2009	NA	**NA**	**7.6**	**0.041**	**0.0054**	NA	NA	**0.25**	0.00003 I	**0.250**	NA	NA	NA	NA	NA
	2/23/2010	0.00011 I	**0.38**	**3.3**	**0.033**	**0.0062**	0.00050 U	0.35	**0.19**	0.0017	**0.20**	**0.14**	0.00029 I	**0.0028**	0.0036	1.50
Dissolved	2/23/2010	NA	**0.22**	0.79	**0.021**	0.0039	NA	NA	**0.054**	NA	**0.14**	0.014	NA	**0.0021**	NA	NA
	8/25/2010	0.00017 I	**0.18**	0.76	**0.02**	0.0031	0.00076 I	0.21	**0.068**	0.0018	**0.13**	0.022	0.00018 I	**0.003**	0.00018 U	0.76
	2/23/2011	0.0011 I,J4	**0.44**	1.8 J4	**0.040**	0.0036	0.00099 U	0.40	**0.140**	**0.0021**	**0.24**	0.022 U,J4	0.00059 U J4	**0.0027 J4**	0.00068 I	1.3
	8/26/2011	NA	**0.130**	0.590	**0.035**	0.0037 J	NA	0.200	**0.060**	NA	**0.180**	**0.210 B**	NA	**0.0023**	0.076 U	0.760
	3/15/2012	NA	**0.100**	0.710	**0.034**	**0.0058 J**	NA	0.320	**0.062**	NA	**0.240**	**0.17**	NA	**0.0027**	NA	1.2
	8/23/2012	NA	**0.160**	1.3	**0.041**	**0.0067**	NA	0.340	**0.051**	NA	**0.240**	0.023	NA	0.0015	NA	1.4
	3/13/2013	NA	**0.210**	1.3	**0.035**	0.0050	NA	0.260	**0.085**	NA	**0.180**	**0.054**	NA	0.0014	NA	1.1
	8/20/2013	NA	**0.210**	0.610	**0.037**	0.0060	NA	0.350	**0.065**	NA	**0.250**	**0.570**	NA	**0.0024**	NA	1.200

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-12I	3/4/1999	NA	<0.01	0.36	NA	<0.005	<0.01	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	5/9/2000	NA	<0.01	0.38	NA	<0.005	<0.01	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/2001	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/2002	NA	NA	NA	NA	NA	NA	NA	0.0053	NA	NA	NA	NA	NA	NA	NA
	6/19/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/24/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/25/2009	0.000079 I	0.0085 U	0.55	0.0018	0.00032 U	0.00051 I	0.0072	0.0019 I	0.00081	0.0088	0.0022 U	0.000059 U	0.000067 U	0.00024 I	0.048
	2/23/2010	0.00010 I	0.0085 U	0.050	0.0015	0.00032 U	0.0014 V,I	0.0087	0.0027 I	0.0011	0.0095	0.0022 U	0.000059 U	0.0002	0.0016	0.082
	8/25/2010	0.000073 U	0.0085 U	0.59	0.0018	0.00032 U	0.00050 U	0.007	0.0063 I	0.00086	0.0062 I	0.0022 U	0.000059 U	0.00026	0.0021 V	0.046
	2/23/2011	0.000073 U	0.0085 U	0.59	0.0017	0.00032 U	0.00057 I	0.0065	0.0035 I	0.00088	0.0056 I	0.0022 U	0.000059 U	0.00028	0.00030 I	0.050
	8/26/2011	NA	0.0013 U	0.550	0.0020	0.000095 U	NA	0.0052	0.0062	NA	0.0075	0.0010 U	NA	0.00050 U	0.0038 U	0.037
	3/15/2012	NA	0.0013 U	0.550	0.0013	NA	NA	NA	0.0064	NA	0.0066	NA	NA	NA	NA	NA
	8/23/2012	NA	0.0013 U	0.510	0.0015	NA	NA	NA	0.0059	NA	0.0067	NA	NA	NA	NA	NA
	3/13/2013	NA	0.0013 U	0.460	0.0015	NA	NA	NA	0.0054	NA	0.0077	NA	NA	NA	NA	NA
	8/20/2013	NA	0.0013 U	0.490	0.0020	NA	NA	NA	0.0069	NA	0.0083	NA	NA	NA	NA	NA
MW-13S-R	5/9/2000	NA	<0.01	0.17	NA	<0.005	<0.01	NA	0.0096	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/2001	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/2002	<0.02	<0.01	<0.01	<0.004	<0.005	<0.01	<0.02	<0.005	NA	<0.04	<0.01	NA	<0.002	<0.01	0.86
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/8/2006	NA	<0.0038	0.46	NA	<0.000051 V	0.0045 V	NA	<0.0019	<0.00002	NA	<0.0043	0.0016 I V	NA	NA	NA
	8/26/2009	0.00034 I	0.0085 U	0.066	0.00013 U	0.00032 U	0.0005 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000093 I	0.0003 I	0.011 V
	3/2/2010	0.00022 I	0.0085 U	0.19	0.00013 U	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0044 U	0.00012 U	0.00013 U	0.00052 I	0.0033 I
	9/1/2010	0.000073 U	0.0085 U	0.07	0.00013 U	0.00032 U	0.00066 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.00016 I	0.00040 I	0.0075 I
	3/1/2011	0.00039 I	0.0085 U	0.037	0.00013 U	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.00036	0.00018 U	0.017
	8/29/2011	NA	0.0013 U	0.036	0.00025 U	0.00014 J	NA	0.0011 U	0.00020 U	NA	0.0026 J	0.0022 J	NA	0.00050 U	0.0038 U	0.0083 U
	3/13/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0023 J	NA	NA	NA	NA	NA
	8/22/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0010 J	NA	0.0035 J	NA	NA	NA	NA	NA
Dissolved	8/22/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0030 J	NA	NA	NA	NA	NA
	3/13/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0029 J	NA	NA	NA	NA	NA
	8/20/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0036 J	NA	NA	NA	NA	NA
MW-13I	6/20/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/25/2006	NA	<0.0038	0.064	NA	0.000088 I V	0.0084 V	NA	<0.0019	<0.00002	NA	<0.0043	<0.0006	NA	NA	NA
	8/25/2009	0.00014 I	0.0085 U	0.061	0.00013 U	0.00032 U	0.0053	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0068	0.012
	2/23/2010	0.00020 I	0.0085 U	0.11	0.00013 U	0.00032 U	0.0044 V	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0067	0.0075 I
	8/24/2010	0.00012 I	0.0085 U	0.039	0.00013 U	0.00032 U	0.0046	0.0028 I	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 I	0.000067 U	0.010 V	0.011
	2/22/2011	0.00017 I	0.0085 U	0.071	0.00013 U	0.00032 U	0.0044	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0085	0.016
	8/23/2011	NA	0.0013 U	0.088	0.00025 U	0.000095 U	NA	0.0011 U	0.00020 U	NA	0.0020 U	0.0010 U	NA	0.00050 U	0.0085 J	0.0083 U
	3/14/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.002 U	NA	NA	NA	NA	NA
	8/23/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00024 J	NA	0.0020 U	NA	NA	NA	NA	NA
	3/13/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	8/20/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-14S	5/9/2000	NA	<0.01	0.071	NA	<0.005	<0.01	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/2001	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/2002	NA	NA	NA	NA	NA	NA	NA	<0.025*	NA	NA	NA	NA	NA	NA	NA
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
MW-15S	5/8/2000	<0.005	**0.024**	0.13	**0.0059**	<0.005	0.024	<0.025	0.015	<0.0002	<0.04	<0.01	<0.01	<0.002	<0.01	0.22
	11/13/2001	NA	**0.028**	NA	0.0024	NA	NA	NA	**0.021**	NA	NA	NA	NA	NA	NA	NA
	12/22/2002	<0.006	**0.012**	0.22	<0.0040	<0.005	<0.01	<0.020	**0.016**	0.00047	<0.04	<0.01	<0.01	<0.002	<0.01	0.2
	6/19/2003	NA	NA	NA	NA	NA	NA	NA	**0.018**	NA	NA	NA	NA	NA	NA	NA
	10/25/2006	<0.0026	**0.025**	0.10	0.0039	0.0014 V	0.001 I V	0.043 V	**0.025**	0.00018	0.027	<0.0043	<0.0006	<0.0010	0.0028	0.35
	8/25/2009	0.00010 I	**0.028**	0.073	**0.0042**	0.0012	0.00072 I	0.041	**0.021**	0.00017	0.029	0.0022 U	0.000059 U	0.00016 I	0.00092 I	0.37
	2/23/2010	0.000096 I	**0.045**	0.059	**0.0042**	0.00120	0.00097 V,I	0.042	**0.023**	0.00041	0.0340	0.025	0.000059 U	0.0004	0.00018 U	0.38
	8/25/2010	0.00028 I	**0.045**	0.069	0.004	0.0012	0.00078 I	0.039	**0.030**	0.00023	0.027	0.0037 I	0.000059 U	0.00043	0.0025 V	0.39
	2/23/2011	0.000073 U,J4	**0.060**	0.058 J4	0.0039	0.00078	0.00070 I	0.038	**0.025**	0.00016	0.030	0.0022 U,J4	0.000059 U,J4	0.00044 J4	0.00018 U	0.37
	8/24/2011	NA	**0.033**	0.063	**0.0048**	0.0011	NA	0.030	**0.031**	NA	0.032	**0.072**	NA	0.00050 U	0.0076 U	0.330
	3/14/2012	NA	**0.013**	NA	0.0040	NA	NA	NA	**0.033**	NA	0.030	NA	NA	NA	NA	NA
	8/23/2012	NA	**0.066**	NA	**0.0047**	NA	NA	NA	**0.028**	NA	0.044	NA	NA	NA	NA	NA
	3/13/2013	NA	**0.044**	NA	**0.0043**	NA	NA	NA	**0.027**	NA	0.039	NA	NA	NA	NA	NA
	8/27/2013	NA	**0.037**	NA	**0.0049**	NA	NA	NA	**0.031**	NA	0.049	NA	NA	NA	NA	NA
MW-16S	8/7/2000	NA	<0.01	1.8	NA	<0.005	<0.01	NA	**0.02**	NA	NA	NA	NA	NA	NA	NA
	11/13/2001	NA	NA	0.95	NA	NA	NA	NA	**0.075**	NA	NA	NA	NA	NA	NA	0.33
	12/22/2002	<0.006	<0.01	0.9	**0.0052**	<0.005	<0.01	0.022	**0.054**	<0.0002	<0.04	<0.01	<0.01	<0.002	<0.01	0.2
	6/20/2003	NA	NA	NA	**0.0044**	NA	NA	0.021	**0.046**	NA	NA	NA	NA	NA	NA	NA
MW-17S	8/8/2000	NA	**0.15**	0.022	NA	**0.15**	0.016	NA	<0.0050	NA	NA	NA	NA	NA	NA	NA
	11/13/2001	NA	**0.3**	NA	NA	**0.1**	0.029	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/2002	NA	**0.6**	NA	NA	**0.14**	**0.12**	NA	0.011	NA	NA	NA	NA	NA	NA	NA
	6/19/2003	NA	**0.88**	NA	NA	**0.18**	**0.12**	NA	0.011	NA	NA	NA	NA	NA	NA	NA

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-18S	8/8/2000	NA	<0.01	0.52	NA	<0.005	<0.01	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/14/2001	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/2002	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	6/19/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/25/2006	NA	<0.0038	0.65	NA	0.00047 V	0.0021 V	NA	0.0028 I	0.00024	NA	<0.0043	<0.0006	NA	NA	NA
	8/31/2009	0.00047 I	0.0085 U	0.31	0.0012	0.00032 U	0.0013 I	0.0033 I	0.0013 U	0.000039 I	0.0038 I	0.0022 U	0.000059 U	0.00022	0.0018	0.084
	2/25/2010	0.00023 I	0.0085 U	0.24	0.00095	0.00074	0.0020 V,I	0.0031 I	0.0013 U	0.00014	0.0083	0.0022 U	0.000059 U	0.0003	0.0016	0.49
	8/26/2010	0.00012 I	0.0085 U	0.11	0.00067	0.00032 U	0.00053 I	0.0031 I	0.0013 U	0.000049 I	0.0037 I	0.0022 U	0.000059 U	0.00018 I	0.0034	0.38
	2/24/2011	0.00055 I	0.0085 U	0.24	0.00083	0.00062	0.0011 I	0.0026 I	0.0013 U	0.00015	0.0067	0.0022 U	0.000059 U	0.00019 I	0.0018	0.35
	8/29/2011	NA	0.0015 J	0.032	0.00025 U	0.000095 U	NA	0.0011 U	0.00020 U	NA	0.0033 J	0.0012 J,B	NA	0.00050 U	0.0038 U	0.024
	3/16/2012	NA	0.0013 J	0.280	0.00120	0.00024 J	NA	0.0012 J	0.00020 U	NA	0.0130	NA	NA	0.00050 U	NA	0.081
	8/23/2012	NA	0.0013 U	0.130	0.00058	0.000095 U	NA	0.0013 J	0.00027 J	NA	0.0064	NA	NA	0.00050 U	NA	0.039
	3/14/2013	NA	0.0016 J	0.360	0.0018	0.00036 J	NA	0.0014 J	0.00020 U	NA	0.015	NA	NA	0.00050 U	NA	0.100
	8/28/2013	NA	0.0016 J	0.16	0.00082	0.00013 J	NA	0.0011 U	0.00020 U	NA	0.0066	NA	NA	0.00050 U	NA	0.061
MW-19S	8/8/2000	NA	**0.08**	0.039	NA	**0.044**	<0.01	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/13/2001	NA	**0.072**	NA	NA	**0.048**	NA	NA	**0.02**	NA	NA	NA	NA	NA	NA	NA
	12/22/2002	<0.006	**0.035**	0.026	<0.004	**0.045**	<0.010	0.34	0.012	<0.0002	**0.2**	0.016	<0.01	<0.002	<0.01	**22**
	6/19/2003	NA	**0.039**	NA	NA	**0.031**	NA	0.2	0.011	NA	**0.15**	0.014	NA	NA	NA	**15**
	10/25/2006	0.0031 I	0.0089 I	0.013	0.0011	**0.019 V**	<0.0003 V	0.24 V	<0.0019	0.00003 I	0.082	<0.0043	0.003	<0.0010	**0.022**	**9.2**
Dissolved	10/25/2006	NA	NA	NA	NA	**0.0190**	NA	0.25 V	NA	NA	0.085	NA	NA	NA	**0.022**	**9.6 V**
	8/31/2009	0.0014	0.0085 U	0.0031	0.00013 U	**0.37**	0.0014 I	0.13	0.0013 U	0.000014 U	0.058	0.0044 I	0.00035	0.0012	**0.020**	**2.2**
	2/24/2010	0.0012	0.0085 U	0.015	0.00039	**0.013**	0.0094 V	0.19	0.0013 U	0.000014 U	0.078	0.0042 I	0.00084	0.00075	**0.026**	**7.9**
	8/25/2010	0.00062	**0.033**	0.015	0.00032	**0.012**	0.0034 I	0.13	0.0013 U	0.000014 U	0.06	0.0056	0.00027 I	0.0014	0.015 V	**5.3**
	2/23/2011	0.00080	**0.044**	0.0069	0.00025 I	**0.0085**	0.0025 I	0.15	0.0013 U	0.000014 U	0.062	0.0022 U	0.00019 I	0.00078	0.014	**5.2**
	8/30/2011	NA	**0.025**	0.0042 J	0.00036 J	**0.011**	NA	0.170	0.00020 J	NA	0.068	0.0023 J, B	NA	0.00080 J	0.019	**5.0**
	3/15/2012	NA	**0.018**	NA	NA	**0.0069**	NA	NA	0.00020 U	NA	0.046	NA	NA	NA	NA	**4.3**
	8/25/2012	NA	**0.024**	NA	NA	**0.0069**	NA	NA	0.0017	NA	0.054	NA	NA	NA	NA	**3.9**
	3/14/2013	NA	**0.015**	NA	NA	**0.0080**	NA	NA	0.00020 U	NA	0.055	NA	NA	NA	NA	**5.6**
	8/29/2013	NA	**0.014**	NA	NA	**0.011**	NA	NA	0.00087 J	NA	0.070	NA	NA	NA	NA	**4.9**

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-20S	8/8/2000	NA	**0.62**	0.26	NA	<0.005	<0.01	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/13/2001	NA	<0.010	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/21/2002	NA	<0.010	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	6/19/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/7/2006	NA	<0.0038	0.26	NA	0.00017 I V	0.00092 I V	NA	<0.0019	<0.00002	NA	<0.0043	0.0011 I V	NA	NA	NA
Dissolved	11/7/2006	NA	<0.0038	0.25	NA	0.00013 I V	0.0003	NA	<0.0019	<0.00002	NA	<0.0043	0.0012 I V	NA	NA	NA
	8/28/2009	0.0001 I	0.0085 U	0.24	0.00013 U	0.00032 U	0.00058 V,I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0011 I	0.0020 U
	2/25/2010	0.000074 I	0.0085 U	0.23	0.00013 U	0.00032 U	0.00057 V,I	0.0025 U	0.0013 U	0.000014 U	0.0017 I	0.0022 U	0.000059 U	0.000067 U	0.00028 I	0.0020 U
	8/25/2010	0.00072	0.0085 U	0.20	0.00013 U	0.00032 U	0.0021 I	0.0028 I	0.0014 I	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.007	0.0020 U
	2/28/2011	0.00023 I	0.0085 U	0.23	0.00013 U	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00047 I	0.0044 I
	8/30/2011	NA	0.0013 U	0.210	0.00025 U	0.000095 U	NA	0.0067	0.00036 J	NA	0.0037 J	0.0015 J, B	NA	0.00050 U	0.0038 U	0.021
	3/15/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	8/25/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	3/14/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	8/28/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
MW-21S	12/23/2002	<0.006	<0.01	0.17	<0.004	<0.005	0.012	0.021	0.012	NA	<0.04	<0.01	NA	<0.002	0.034	0.038
Dissolved	12/23/2002	NA	NA	0.14	NA	NA	NA	NA	<0.0050	NA	NA	NA	NA	NA	NA	NA
	6/20/2003	NA	NA	NA	NA	NA	NA	0.016	**0.028**	NA	NA	NA	NA	NA	0.03	NA
Dissolved	6/20/2003	NA	NA	NA	NA	NA	NA	<0.014	<0.005	NA	NA	NA	NA	NA	<0.01	NA
	10/25/2006	NA	<0.0038	0.18	NA	**0.0095 V**	0.0013 V	NA	<0.0019	<0.00002	NA	<0.0043	<0.0006	NA	NA	NA
Dissolved	10/25/2006	NA	NA	NA	NA	**0.0090**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/28/2009	**0.019 V,I**	0.0085 U	0.065	**0.0042**	**0.0074**	0.0011 V,I	0.013	0.0013 U	0.000014 U	0.055	0.0068 U	0.00080 I	0.00024	0.0051	1.1
Dissolved	8/28/2009	0.00065	NA	NA	0.0022	**0.0072**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/24/2010	0.00081	0.0085 U	0.07	**0.0053**	**0.006**	0.0032 V,I	0.011	0.0013 U	0.000014 U	0.052	0.013	0.000059 U	0.00042	0.0067	1.20
Dissolved	2/24/2010	NA	NA	NA	0.0022	**0.0058**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/24/2010	0.00086	**0.012**	0.058	0.0022	0.0046	0.00085 I	0.010	0.0013 U	0.000014 U	0.046	0.0053	0.000059 U	0.00041	0.0059 V	0.86
	2/23/2011	0.00065	**0.019**	0.044	0.00088	0.0022	0.00050 U	0.0079	0.0013 U	0.000014 U	0.027	0.0022 U	0.000059 U	0.00024	0.0023	0.47
	8/26/2011	NA	0.0017 J	0.035	0.00025 U	0.00074	NA	0.0095	0.00020 U	NA	0.0094	0.0019 J	NA	0.00050 U	0.0038 U	0.120
	3/16/2012	NA	0.0018 J	NA	0.00074	0.00170	NA	NA	0.00020 U	NA	0.0270	NA	NA	NA	NA	NA
	8/21/2012	NA	0.0019 J	NA	0.0010	0.0016	NA	NA	0.00020 U	NA	0.030	NA	NA	NA	NA	NA
	3/18/2013	NA	0.0018 J	NA	0.00085	0.0013	NA	NA	0.00022 J	NA	0.028	NA	NA	NA	NA	NA
	8/27/2013	NA	0.0041	NA	0.00060	0.0011	NA	NA	0.00022 J	NA	0.035	NA	NA	NA	NA	NA

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-22S	12/22/2002	<0.10*	**0.075**	0.37	<0.004	<0.025*	0.059	0.24	<0.005	NA	<0.04	<0.050*	NA	<0.050*	0.14	1.8
	6/20/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/27/2006	<0.0034	<0.0038	0.15 V	0.00033	<0.000051	0.00057 I V	<0.00096	<0.0019	<0.00002	0.0058 I V	<0.0043	0.0011 I V	<0.0010	0.00093 I	0.026 V
	8/31/2009	0.000084 I	0.0085 U	0.11	0.00018 I	0.00032 U	0.0005 U	0.0025 U	0.0013 U	0.000014 U	0.0036 I	0.0022 U	0.000059 U	0.000067 U	0.00079 I	0.037
	2/25/2010	0.00034 I	0.0085 U	0.11	0.00013 U	0.00032 U	0.00070 V,I	0.0025 U	0.0013 U	0.000014 U	0.0048 I	0.0022 U	0.000059 U	0.000079 I	0.00066 I	**0,016**
	8/26/2010	0.000094 I	0.0085 U	0.097	0.00013 U	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0044 I	0.0022 U	0.000059 U	0.000067 U	0.0018	0.011
	2/24/2011	0.00038 I	0.0085 U	0.150	0.00013 U	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0025 I	0.0022 U	0.000059 U	0.000067 U	0.0017	0.018
	8/30/2011	NA	0.0013 U	0.150	0.00025 U	0.000095 U	NA	0.0011 U	0.00020 U	NA	0.0039 J	0.0022 J	NA	0.00050 U	0.0038 U	0.0083 U
	3/16/2012	NA	0.0013 J	NA	NA	NA	NA	NA	0.00020 U	NA	0.0043 J	NA	NA	NA	NA	NA
	8/24/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0053	NA	NA	NA	NA	NA
	3/19/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0040 J	NA	NA	NA	NA	NA
	8/28/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0038 J	NA	NA	NA	NA	NA
MW-23S	12/23/2002	<0.10*	<0.010	0.46	<0.004	<0.025*	0.068	0.29	0.0065	NA	<0.04	<0.050*	NA	<0.050*	0.15	1.7
	6/20/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/27/2006	<0.0034	<0.0038	0.37 V	0.0022	0.00015 I V	0.00097 I V	0.0044	0.0053 I V	<0.00002	0.0072 V	<0.0043	0.00082 I	<0.0010	<0.00055	0.042 V
	8/31/2009	0.000073 U	0.0085 U	0.34	0.0020	0.00032 U	0.0012 I	0.0052	0.0044 I	0.000014 U	0.0034 I	0.0022 U	0.000059 U	0.00018 I	0.00020 I	0.030
	3/1/2010	0.00015 U	0.0085 U	0.32	0.0022	0.00032 U	0.0011 I	0.0057	0.0045 I	0.000014 U	0.0031 I	0.0044 U	0.00012 U	0.00017 I	0.00071 I	0.029
	8/26/2010	0.000073 U	0.0085 U	0.31	0.0017	0.00032 U	0.00050 U	0.0066	0.0050 I	0.000015 I	0.0025 I	0.0022 U	0.000059 U	0.00015 I	0.0011 I	0.023
	2/24/2011	0.000073 U	0.0085 U	0.33	0.0022	0.00032 U	0.00072 I	0.0037 I	0.0028 I	0.000014 U	0.0053 I	0.0022 U	0.000059 U	0.00014 I	0.00018 U	0.035
	8/31/2011	NA	0.0013 U	0.330	0.0017	0.00011 J	NA	0.0049 J	0.0045	NA	0.0062	0.0018 J	NA	0.00050 U	0.0038 U	0.022
	3/16/2012	NA	0.0013 U	0.280	0.00091	0.00011 J	NA	NA	0.0016	NA	0.0046 J	NA	NA	0.00050 U	NA	0.033
	8/26/2012	NA	0.0013 U	0.340	0.0023	0.00012 J	NA	NA	0.0043	NA	0.0063	NA	NA	0.00050 U	NA	0.025
	3/19/2013	NA	0.0013 U	0.300	0.0016	0.00013 J	NA	NA	0.0030	NA	0.0061	NA	NA	0.00050 U	NA	0.037
	8/23/2013	NA	0.0013 U	0.220	0.00088	0.000095 U	NA	NA	0.0011 J	NA	0.0036 J	NA	NA	0.00050 U	NA	0.038

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-24S	12/21/2002	<0.006	**0.035**	0.18	<0.004	**0.049**	<0.01	0.32	<0.005	NA	<0.04	0.016	NA	<0.002	<0.010	**22**
	6/19/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/26/2006	NA	<0.0038	0.14	NA	0.00014 I V	0.0027 V	NA	0.0044 I	<0.00002	NA	<0.0043	<0.0006	NA	NA	NA
	9/1/2009	0.000073 U	0.0085 U	0.15	0.00066	0.00032 U	0.0026 I	0.0025 I	0.0019 I	0.000014 U	0.0019 I	0.0022 U	0.000059 U	0.000067 U	0.00018 U	0.017
	2/26/2010	0.000073 U	0.0085 U	0.19	0.00078	0.00032 U	0.0024 V,I	0.0030 I	0.0041 I	0.000014 U	0.0026 I	0.0022 U	0.000059 U	0.000088 I	0.00018 U	0.021
	8/27/2010	0.000081 I	0.0085 U	0.14	0.00055	0.00032 U	0.0019 I	0.0045	0.0039 I	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0013 I	0.023
	2/28/2011	0.000095 I	0.0085 U	0.13	0.00063	0.00032 U	0.0026 I	0.0025 U	0.0022 I	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000092 I	0.00038 I	0.025
	8/26/2011	NA	0.0013 U	0.130	0.00071	0.000095 U	NA	0.0026 J	0.0030	NA	0.0052	0.0020 J	NA	0.00050 U	0.0038 U	0.014 J
	3/19/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0034	NA	0.004 J	NA	NA	NA	NA	NA
	8/25/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0034	NA	0.0040 J	NA	NA	NA	NA	NA
	3/19/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0026	NA	0.0046 J	NA	NA	NA	NA	NA
	8/21/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00088 J	NA	0.0024 J	NA	NA	NA	NA	NA
MW-25S	12/21/2002	<0.40*	<0.20*	0.25	**0.47**	<0.10*	<0.20*	<0.40*	<0.005	NA	**0.68**	<0.20*	NA	<0.20*	**0.22**	1.4
	6/19/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/27/2006	<0.0034	<0.0038	0.15 V	0.00094	<0.000051	0.0011 I V	<0.00096	<0.0019	0.000022 I	0.006 I V	<0.0043	<0.0006	<0.0010 J4	0.0012 I	0.022 V
	8/31/2009	0.000073 U	0.0085 U	0.10	0.00078	0.00032 U	0.00093 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000091 I	0.0018	0.013
	2/25/2010	0.000073 U	0.0085 U	0.19	0.00082	0.00032 U	0.00084 V,I	0.0025 U	0.0013 U	0.000014 U	0.0019 I	0.0022 U	0.000059 U	0.000067 U	0.00018 U	0.029
	8/25/2010	0.000073 U	0.0085 U	0.093	0.00073	0.00032 U	0.0013 I	0.0029 I	0.0031 I	0.000020 I	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0048	0.019
	2/28/2011	0.000093 I	0.0085 U	0.130	0.00055	0.00032 U	0.0027 I	0.0025 U	0.0023 I	0.000029 I	0.0011 U	0.0022 U	0.000059 U	0.00021	0.0018	0.015
	8/31/2011	NA	0.0022 J	0.160	0.0011	0.000095 U	NA	0.0032 J	**0.019**	NA	0.0030 J	0.0021 J	NA	0.00050 U	0.0079 J	0.034
	3/16/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00043 J	NA	0.0065	NA	NA	NA	NA	NA
	8/24/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00058 J	NA	0.0034 J	NA	NA	NA	NA	NA
	3/20/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0017	NA	0.012	NA	NA	NA	NA	NA
	8/27/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00074 J	NA	0.0041 J	NA	NA	NA	NA	NA
MW-26S	12/21/2002	<0.006	<0.01	0.3	<0.004	<0.005	<0.01	<0.02	<0.005	NA	<0.04	<0.01	NA	<0.002	<0.01	0.2
	6/19/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/7/2006	<0.0026	<0.0038	0.15	0.00023	0.000096	0.00032 I V	0.0055 V	0.0044 I V	<0.00002	<0.0016	<0.0043	0.0011 I V	0.0013 I	<0.00055	0.017 V
	8/28/2009	0.000073 U	0.0085 U	0.10	0.00013 I	0.00032 U	0.00082 V,I	0.0025 U	0.0034 I	0.000018 I	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00028 I	0.012
	2/25/2010	0.000074 I	0.0085 U	0.098	0.00013 U	0.00032 U	0.00074 V,I	0.0025 U	0.0021 I	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00018 U	0.0077 I
	8/25/2010	0.00035 I	0.0085 U	0.098	0.00013 U	0.00032 U	0.00050 U	0.0032 I	0.0051 I	0.000047 I	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0013 I	0.0064 I
	2/28/2011	0.00042 I	0.0085 U	0.11	0.00013 U	0.00032 U	0.00050 I	0.0025 U	0.0025 I	0.000055 I	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00034 I	0.016
	8/30/2011	NA	0.0013 U	0.092	0.00025 U	0.000095 U	NA	0.0015 J	0.0038	NA	0.0023 J	0.0015 J, B	NA	0.00050 U	0.0038 U	0.0083 U
	3/15/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0025	NA	0.002 U	NA	NA	NA	NA	NA
	8/25/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0060	NA	0.0020 U	NA	NA	NA	NA	NA
	3/14/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0021	NA	0.0027 J	NA	NA	NA	NA	NA
	8/28/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0012 J	NA	0.0020 U	NA	NA	NA	NA	NA

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-27S-R	12/22/2002	<0.80*	<0.01	<0.40*	<0.16*	<0.20*	<0.40*	**1.8**	<0.005	NA	<1.6*	<0.40*	NA	<0.40*	<0.40*	**2.5**
	6/18/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/8/2006	NA	<0.0038	0.09	NA	0.00011 I V	0.00082 I V	NA	<0.0019	<0.00002	NA	<0.0043	0.0013 I V	NA	NA	NA
	8/26/2009	0.00037 I	0.0085 U	0.16	0.00013 U	0.00032 U	0.0005 U	0.0025 U	0.0013 U	0.000014 U	0.0017 I	0.0022 U	0.000059 U	0.000067 U	0.0014 I	0.002 U
	3/3/2010	0.00072 I	0.0085 U	0.084	0.00013 U	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0020 I	0.0044 U	0.00012 U	0.00013 U	0.0010 U	0.0037 I
	9/1/2010	0.00042 I	0.0085 U	0.14	0.00018 I	0.00032 U	0.00098 I	0.0034 I	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0013 I	0.0020 U
	3/1/2011	0.00	**0.015**	0.11	0.00014 I	0.00032 U	0.00050 U	0.0030 I	0.0013 U	0.000014 U	0.022	0.0022 U	0.000070 I	0.000067 U	0.00071 I	0.23
	8/29/2011	NA	0.0014 J	0.150	0.00025 U	0.000095 U	NA	0.0011 U	0.00020 U	NA	0.0032 J	0.0013 J	NA	0.00050 U	0.0038 U	0.0083 U
	3/13/2012	NA	0.0052	NA	NA	NA	NA	NA	0.0011 J	NA	0.0350	NA	NA	NA	NA	NA
	8/22/2012	NA	0.0042	NA	NA	NA	NA	NA	0.0022	NA	0.021	NA	NA	NA	NA	NA
	3/13/2013	NA	0.0026	NA	NA	NA	NA	NA	0.00071 J	NA	0.021	NA	NA	NA	NA	NA
	8/20/2013	NA	0.0030	NA	NA	NA	NA	NA	0.0022	NA	0.0092	NA	NA	NA	NA	NA
MW-28S	12/22/2002	NA	<0.010	**10**	NA	NA	NA	NA	**0.043**	NA	NA	NA	NA	NA	NA	NA
	6/20/2003	NA	NA	**8.3**	NA	NA	NA	NA	**0.045**	NA	NA	NA	NA	NA	NA	NA
	8/25/2009	0.00082	0.0085 U	0.043	0.00036	0.00041 I	0.00050 U	0.014	0.0013 U	0.000014 U	0.0019 I	0.0065	0.000059 U	0.000067 U	**0.036**	0.11
	3/8/2010	0.0015	0.0085 U	1.5	**0.0047**	0.00080 U	0.00050 U	0.02	0.0013 U	0.000055 I	0.015	0.032 J4	0.00012 U	0.00040 I	0.0075	0.19
	8/24/2010	0.00049 I	0.0085 U	1.0	**0.0062**	0.00091	0.00050 U	0.024	0.0013 U	0.000052 I	0.016	0.0030 I	0.000059 U	0.00061	0.0095 V	0.24
	2/22/2011	0.00020 I	0.010	**2.5 J4**	**0.0076**	0.00043 I	0.00050 U	0.023	0.0013 U	0.00014	0.020	0.0022 U	0.000059 U	0.00062	0.0051	0.20
	8/23/2011	NA	0.0021 J	0.210	0.0039	0.00070	NA	0.018	0.00038 J	NA	0.016	0.020	NA	0.00058 J	0.0095 J	0.110
	3/14/2012	NA	0.0013 J	1.500	**0.0058**	NA	NA	NA	0.0019	NA	0.020	NA	NA	NA	NA	NA
	8/21/2012	NA	0.0021 J	1.400	**0.0050**	NA	NA	NA	0.00081 J	NA	0.022	NA	NA	NA	NA	NA
	3/14/2013	NA	0.0021 J	0.300	0.0012	NA	NA	NA	0.0031	NA	0.010	NA	NA	NA	NA	NA
Dissolved	3/14/2013	NA	0.0013 U	0.300	0.0011	NA	NA	NA	0.0012 J	NA	0.0097	NA	NA	NA	NA	NA
	8/27/2013	NA	0.0016 J	0.54	0.0030	NA	NA	NA	0.0017	NA	0.017	NA	NA	NA	NA	NA
MW-29S	6/20/2003	NA	NA	NA	**0.0064**	NA	NA	0.024	**0.089**	NA	NA	NA	NA	NA	NA	NA
	10/25/2006	<0.0026	<0.0038	**3.3**	**0.0077**	0.0013 V	0.00032 I V	0.041 V	**0.11**	0.00071	0.013	<0.0043	<0.0006	<0.0010	0.0008 I	0.23
	5/25/2009	0.00016 I	0.0085 U	2.0	**0.0051**	0.00078	0.00050 U	0.026	**0.070**	0.00073	0.0080	0.0022 U	0.000059 U	0.00096	0.00027 I	0.12
	2/22/2010	0.00028 I	0.0085 U	1.6	**0.0045**	0.00061	0.00057 V,I	0.02	**0.06**	0.00110	0.0089	0.0022 U	0.000064 I	0.00110	0.00018 U	0.099
	8/24/2010	0.000073 U	**0.015**	**2.2**	**0.0057**	0.00076	0.00050 U	0.027	**0.082**	0.00089	0.010	0.0022 U	0.000059 U	0.0013	0.00098 I,V	0.12
	2/22/2011	0.000099 I,J4	**0.023**	**2.8 J4**	**0.0067**	0.00055 I	0.00050 U	0.026	**0.080**	0.00081	0.014	0.0022 U,J4	0.000059 U,J4	0.0012 J4	0.00018 U	0.13
	8/24/2011	NA	0.0079	**3.1**	**0.00790**	0.00089	NA	0.024	**0.093**	NA	0.018	0.017	NA	0.0013	0.0038 U	0.120
	3/14/2012	NA	0.0092	**3.1**	**0.00710**	NA	NA	0.021	**0.081**	0.00084	0.019	NA	NA	NA	NA	NA
	8/21/2012	NA	0.0032	**2.6**	**0.0059**	NA	NA	0.019	**0.074**	0.00076	0.016	NA	NA	NA	NA	NA
	3/14/2013	NA	0.0048	1.7	0.0039	NA	NA	0.017	**0.056**	0.0018	0.011	NA	NA	NA	NA	NA
	8/28/2013	NA	0.0019 J	1.1	0.0026	NA	NA	0.0085	**0.046**	0.00110	0.0072	NA	NA	NA	NA	NA

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-30S	6/20/2003	NA	NA	1.7	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
Dissolved	6/20/2003	NA	NA	1.7	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/25/2006	NA	<0.0038	**3.6**	NA	0.00054 V	0.00062 I V	NA	**0.012**	0.00037	NA	<0.0043	<0.0006	NA	NA	NA
	8/25/2009	0.00023 I	0.0085 U	**2.7**	**0.0043**	0.00037 I	0.0005 U	0.0096	0.0060 I	0.00026	0.0086	0.0022 U	0.000059 U	0.000067 U	0.00047 I	0.050
	2/23/2010	0.00017 I	0.0085 U	**3.1**	**0.0051**	0.00072	0.00054 V,I	0.0094	0.0084	0.00039	0.013	0.0022 U	0.000059 U	0.00025	0.00018 U	0.051
	8/24/2010	0.000073 U	0.0085 U	**2.5**	**0.0039**	0.00034 I	0.00050 U	0.0096	0.012	0.00026	0.0083	0.0022 U	0.000059 U	0.00034	0.0012 I,V	0.043
	2/22/2011	0.00043 I	0.0085 U	**2.4**	0.0035	0.00032 U	0.00050 U	0.0250	0.0083	0.00027	0.0085	0.0022 U	0.000059 U	0.00025	0.00020 I	0.047
	8/23/2011	NA	0.0013 U	1.9	0.0034	0.00020 J	NA	0.0061	0.012	NA	0.0098	0.0010 U	NA	0.00050 U	0.0038 U	0.030
	3/14/2012	NA	0.0013 U	**2.1**	0.0032	NA	NA	0.0021 J	0.012	NA	0.0110	NA	NA	NA	NA	NA
	8/21/2012	NA	0.0013 U	2.0	0.0031	NA	NA	0.0066	0.011	NA	0.011	NA	NA	NA	NA	NA
	3/15/2013	NA	0.0013 U	**2.3**	0.0031	NA	NA	0.0062	0.011	NA	0.011	NA	NA	NA	NA	NA
	8/22/2013	NA	0.0013 U	**2.100**	0.0032	NA	NA	0.0045 J	0.012	NA	0.010	NA	NA	NA	NA	NA
MW-31S	6/20/2003	NA	NA	0.45	<0.004	NA	NA	0.024	**0.04**	<0.0002	NA	NA	NA	NA	NA	NA
	11/7/2006	NA	<0.0038	0.17	NA	0.00017 I V	0.0033 V	NA	0.004 I V	<0.00002	NA	<0.0043	0.00077 I V	NA	NA	NA
Dissolved	11/7/2006	NA	<0.0038	0.13	NA	0.00018 I V	0.002 V	NA	<0.0019	<0.00002	NA	<0.0043	0.00075 I V	NA	NA	NA
	8/25/2009	0.00011 I	0.0085 U	0.16	0.00077	0.00032 U	0.0060	0.0046	0.0028 I	0.000014 U	0.0026 I	0.0022 U	0.000059 U	0.000067 U	0.0068	0.023
	2/23/2010	0.00030 I	**0.011**	0.23	0.0016	0.00032 U	0.038 V	0.017	**0.021**	0.000014 U	0.017	0.0022 U	0.000059 U	0.00014 I	**0.043**	0.05
Dissolved	2/23/2010	NA	0.0085 U	NA	NA	NA	NA	NA	0.0013 U	NA	NA	NA	NA	NA	0.0047	NA
	8/24/2010	0.00029 I	0.0085 U	0.13	0.0012	0.00032 U	0.046	0.018	**0.028**	0.000014 U	0.018	0.0022 U	0.000059 U	0.00023	**0.044 V**	0.051
Dissolved	8/24/2010	NA	NA	NA	NA	NA	NA	NA	0.0025 I	NA	NA	NA	NA	NA	0.0038	NA
	2/22/2011	0.00010 I,J4	0.0085 U	0.19 J4	0.003	0.00032 U	**0.41**	0.044	**0.050**	0.000078 I	**0.20**	0.0022 U,J4	0.000059 U,J4	0.00037 J4	**0.094**	0.11
Dissolved	2/22/2011	NA	NA	NA	NA	NA	0.0021 I	NA	0.0013 U	NA	0.0056 I	NA	NA	NA	NA	NA
	8/24/2011	NA	0.0013 U	0.130	0.00072	0.000095 U	NA	0.0020 J	0.0035	NA	0.0027 J	0.0010 U	NA	0.00050 U	0.0038 U	0.0091 J
Dissolved	8/24/2011	NA	0.0013 U	**2.200**	0.0034	0.00029 J	NA	0.0067	**0.017**	NA	0.011	0.0010 U	NA	0.00050 U	0.0038 U	0.029
	3/15/2012	NA	0.0013 U	0.060	0.00028 J	NA	NA	NA	0.00085 J	NA	0.002 U	NA	NA	NA	NA	NA
Dissolved	3/15/2012	NA	0.0013 U	0.057	0.00027 J	NA	NA	NA	0.00038 J	NA	0.002 U	NA	NA	NA	NA	NA
	8/24/2012	NA	0.0013 U	0.150	0.00066	NA	NA	NA	0.0016	NA	0.0024 J	NA	NA	NA	NA	NA
	3/20/2013	NA	0.0013 U	0.073	0.00029 J	NA	NA	NA	0.0013 J	NA	0.0020 U	NA	NA	NA	NA	NA
Dissolved	3/20/2013	NA	0.0013 U	0.073	0.00025 U	NA	NA	NA	0.0010 J	NA	0.0020 U	NA	NA	NA	NA	NA
	8/28/2013	NA	0.0013 U	0.076	0.00077	NA	NA	NA	0.0028	NA	0.0037 J	NA	NA	NA	NA	NA
MW-32S	6/20/2003	NA	**0.024**	NA	NA	**0.013**	<0.010	NA	0.011	NA	NA	NA	NA	NA	NA	NA
	10/25/2006	<0.0026	<0.0038	0.011	0.00044	**0.02 V**	0.0021 V	0.048 V	<0.0019	0.000038 I	0.06	<0.0043	0.0017 I	<0.0010	0.0071	**2.3**
Dissolved	10/25/2006	NA	NA	NA	NA	**0.019**	NA	0.043 V	NA	NA	0.063	NA	NA	NA	NA	**2.4 V**
MW-32S-R	2/23/2010	0.00068	0.0085 U	0.01	0.00013 U	0.0041	0.00084 V,I	0.018	0.0013 U	0.000014 U	0.032	0.013	0.000059 U	0.00079	0.0024	0.67
	8/24/2010	0.00013 I	0.0085 U	0.021	0.00013 U	0.005	0.00050 U	0.026	0.0013 U	0.000014 U	0.026	0.0085	0.000059 U	0.00079	0.0041 V	0.87
	2/23/2011	0.00067	**0.038**	0.0064	0.00013 U	0.0025	0.00087 I	0.016	0.0013 U	0.000022 I	0.021	0.0053	0.000059 U	0.00076	0.0036	0.37
	8/26/2011	NA	0.0035	0.018	0.00025 U	0.0039	NA	0.017	0.00075 J	NA	0.030	0.0054 B	NA	0.00091 J	0.0038 U	0.520
	3/20/2012	NA	0.0092	NA	NA	NA	NA	NA	0.00086 J	NA	0.025	NA	NA	NA	NA	NA
	8/21/2012	NA	0.0062	NA	NA	NA	NA	NA	0.00046 J	NA	0.023	NA	NA	NA	NA	NA
	3/18/2013	NA	0.014	NA	NA	NA	NA	NA	0.00020 U	NA	0.018	NA	NA	NA	NA	NA
	8/20/2013	NA	0.0028	NA	NA	NA	NA	NA	0.00020 U	NA	0.0051	NA	NA	NA	NA	NA

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-32I	2/23/2010	0.00024 I	0.0085 U	0.23	0.0022	0.0012	0.050 V	0.052	0.0013 U	0.000020 I	0.032	0.0096	0.000059 U	0.00097	0.00077 I	0.062
	8/24/2010	0.000076 I	**0.073**	0.22	**0.018**	**0.0056**	0.0046	0.087	**0.093**	0.00021	0.098	0.0095	0.00013 I	0.0017	0.0010 I,V	0.38
Dissolved	8/24/2010	NA	**0.110**	NA	**0.017**	**0.0050**	NA	NA	**0.087**	NA	NA	NA	NA	NA	NA	NA
	2/22/2011	0.000073 U,J4	**0.120**	0.13 J4	**0.019**	0.0050	0.00050 U	0.087	**0.096**	0.00029	0.10	0.0022 U,J4	0.00014 I,J4	0.0017 J4	0.00018 U	0.38
	8/26/2011	NA	**0.063**	0.110	**0.0230**	**0.0062**	NA	0.110	**0.130**	NA	**0.150**	**0.100 B**	NA	0.0015	0.038 U	0.480
	3/20/2012	NA	**0.075**	0.510	**0.0190**	**0.0062**	NA	NA	**0.094**	NA	0.100	NA	NA	0.0012	NA	NA
	8/21/2012	NA	**0.071**	0.570	**0.019**	**0.0055**	NA	NA	**0.096**	NA	**0.110**	NA	NA	0.0011	NA	NA
	3/18/2013	NA	**0.055**	0.52	**0.016**	**0.0056**	NA	NA	**0.096**	NA	**0.110**	NA	NA	0.0011	NA	NA
	8/20/2013	NA	**0.040**	0.430	**0.017**	**0.0060**	NA	NA	**0.120**	NA	**0.110**	NA	NA	0.0013	NA	NA
MW-33S	6/19/2003	NA	NA	NA	NA	<0.005	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	9/1/2009	0.00029 I	0.0085 U	0.028	0.00013 U	0.00032 U	0.0024 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0014 I	0.0096 I
	2/26/2010	0.000087 I	0.0085 U	0.02	0.00031	0.00032 U	0.0017 V,I	0.0025 U	0.0013 U	0.000014 U	0.0023 I	0.0022 U	0.000059 U	0.000070 I	0.00052 I	0.16
	8/30/2010	0.000073 U	0.0085 U	0.032	0.00016 I	0.00032 U	0.0019 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0012 I	0.011
	2/28/2011	0.00035 I	0.0085 U	0.028	0.00015 I	0.00032 U	0.0022 I	0.0025 U	0.0013 U	0.000020 I	0.0011 U	0.0022 U	0.000059 U	0.000076 I	0.0018 I	0.056
	3/16/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0038	NA	0.0044 J	NA	NA	NA	NA	0.160
	8/24/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00051 J	NA	0.0020 U	NA	NA	NA	NA	0.018 J
	3/20/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0012 J	NA	0.0032 J	NA	NA	NA	NA	0.059
	8/27/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0021	NA	0.0020 U	NA	NA	NA	NA	0.051
MW-34S	6/19/2003	NA	**0.015**	NA	NA	**0.031**	NA	0.069	0.0068	NA	**0.14**	<0.010	NA	NA	NA	**4.9**
	11/7/2006	NA	<0.038	0.049	NA	**0.081**	<0.003	NA	<0.019	<0.00002	NA	<0.043	0.019 I V	NA	NA	NA
Dissolved	11/7/2006	NA	<0.038	0.048	NA	**0.079**	<0.003	NA	<0.019	<0.00002	NA	<0.043	0.016 I V	NA	NA	NA
	8/31/2009	0.0024	0.0085 U	0.030	0.00013 U	**0.035**	0.00050 U	0.14	0.0013 U	0.000014 U	**0.12**	0.022	0.00079	0.0017	**0.038**	**5.6**
	2/24/2010	0.002	0.0085 U	0.013	0.00013 U	**0.019**	0.0005 U	0.058	0.0013 U	0.000014 U	0.073	0.02	0.00010 I	0.00098	**0.029**	**2.9**
	8/25/2010	0.004	**0.089**	0.32	0.0034	**0.023**	0.034	0.42	**0.33**	0.00051	0.068	0.023 I	0.0025	0.0013	**0.09 V**	**6.1**
Dissolved	8/25/2010	NA	**0.026**	NA	NA	**0.021**	NA	NA	0.0013 U	NA	NA	NA	NA	NA	**0.059**	1.8
	2/23/2011	0.0013 J4	**0.035**	0.02 J4	0.00013 I	**0.024**	0.00050 U	0.12	0.0013 U	0.000016 I	**0.120**	0.010 J4	0.00025 I,J4	0.00089 J4	0.016	**7.5**
	8/31/2011	NA	0.0080	0.065	0.00059	**0.036**	NA	0.310	**0.017**	NA	**0.200**	0.0033	NA	0.0013	0.028	**8.6**
	3/15/2012	NA	0.0092	NA	NA	**0.039**	NA	NA	**0.029**	NA	**0.230**	NA	NA	NA	NA	**19**
	8/25/2012	NA	0.0064	NA	NA	**0.017**	NA	NA	0.0061	NA	0.099	NA	NA	NA	NA	**3.5**
	3/14/2013	NA	0.0053	NA	NA	**0.0091**	NA	NA	0.00079 J	NA	0.064	NA	NA	NA	NA	**2.3**
	8/21/2013	NA	0.0058	NA	NA	**0.0056**	NA	NA	0.00020 U	NA	0.042	NA	NA	NA	NA	1.200
MW-34I	2/24/2010	0.00071 J4	0.0085 U	0.13	0.0017	0.00032 U	0.010 V	0.0046	0.0036 I	0.000014 U	0.01	0.0022 U	0.00026 I	0.00020 I	**0.019**	0.027
Dissolved	2/24/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0053	NA
	8/25/2010	0.000073 U	0.0085 U	0.084	0.00021 I	0.00032 U	0.0016 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0058 V	0.0071 I
	2/23/2011	0.00013 I	0.0085 U	0.083	0.0016	0.00032 U	0.013	0.0046	0.0050 I	0.000014 U	0.011	0.0022 U	0.000059 U	0.00019 I	**0.0240**	0.037
	8/30/2011	NA	0.0013 U	0.084	0.00041 J	0.000095 U	NA	0.0011 U	0.0010 J	NA	0.0027 J	0.0015 J, B	NA	0.00050 U	0.0038 U	0.0083 U
	3/15/2012	NA	0.0014 J	NA	NA	NA	NA	NA	0.0016	NA	0.002 J	NA	NA	NA	NA	0.0083 U
Dissolved	3/15/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00064 J	NA	0.0023 J	NA	NA	NA	NA	0.0083 U
	8/25/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0038	NA	0.0044 J	NA	NA	NA	NA	0.018 J
Dissolved	8/25/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00084 J	NA	0.0020 U	NA	NA	NA	NA	0.0083 U
	3/14/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0024	NA	0.0039 J	NA	NA	NA	NA	0.0083 U
Dissolved	3/14/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	0.0083 U
	8/21/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0044	NA	0.0055	NA	NA	NA	NA	0.019 J
Dissolved	8/21/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0012 J	NA	0.0026 J	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	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-35S	11/7/2006	<0.0026	<0.0038	**2.2**	0.0035	0.0012 V	<0.0003	0.01 V	0.0093 V	0.00019	0.0088	<0.0043	0.0012 I V	<0.0010	0.00077 I V	0.05 V
	8/25/2009	0.0002 I	0.0085 U	**3.0**	**0.0052**	0.00045 I	0.00050 U	0.011	**0.014**	0.00023	0.010	0.0022 U	0.000059 U	0.00015 I	0.00076 I	0.051
	2/22/2010	0.00046 I	0.0085 U	**3.10**	**0.0058**	0.00045 I	0.00052 V,I	0.01	**0.017**	0.00062	0.0130	0.0022 U	0.000059 U	0.00036	0.00030 I	0.050
	8/24/2010	0.00014 I	0.0085 U	**2.5**	**0.0045**	0.00035 I	0.00050 U	0.01	**0.019**	0.00027	0.0074	0.0022 U	0.000059 U	0.00029	0.0013 I,V	0.041
	2/22/2011	0.00019 I	0.0085 U	**2.6**	**0.0043**	0.00032 U	0.00050 U	0.0074	**0.016**	0.00036	0.0087	0.0022 U	0.000059 U	0.00030	0.00018 U	0.048
	8/23/2011	NA	0.0013 U	2.0	0.0039	0.00031 J	NA	0.0065	**0.017**	NA	0.012	0.0010 U	NA	0.00050 U	0.0038 U	0.031
	3/14/2012	NA	0.0013 U	**2.2**	NA	NA	NA	NA	**0.017**	0.00034	0.011	NA	NA	NA	NA	NA
	8/21/2012	NA	0.0013 U	2.0	NA	NA	NA	NA	**0.017**	0.00012 J	0.011	NA	NA	NA	NA	NA
	3/13/2013	NA	0.0013 U	**2.4**	NA	NA	NA	NA	**0.017**	0.00031	0.012	NA	NA	NA	NA	NA
	8/27/2013	NA	0.0013 U	**2.5**	NA	NA	NA	NA	**0.022**	0.00033	0.012	NA	NA	NA	NA	NA
MW-36S	11/8/2006	<0.0026	**0.053**	0.019	**0.0074**	0.001 V	<0.0003	0.02 V	**0.17 V**	0.000027 I	0.024	<0.0043	0.0006	<0.0010	0.0014 I	0.27 V
	8/26/2009	0.00019 I	**0.065**	0.016	**0.0089**	0.00081	0.0014 V,I	0.013	**0.16 V**	0.000082 I	0.027	0.0022 U	0.000059 U	0.00087	0.0005 I	0.21 V
	3/2/2010	0.00041 I	**0.056**	0.05	**0.0049**	0.00034 I	0.00050 U	0.0025 U	**0.031**	0.000098 I	0.013	0.016	0.00012 U	0.00033 I	0.00062 I	0.084
Dissolved	3/2/2012	NA	**0.061**	NA	NA	NA	NA	NA	**0.023**	NA	NA	NA	NA	NA	0.00042 I	NA
	9/1/2010	0.00016 I	**0.11**	0.018	**0.011**	0.0015	0.0051	0.02	**0.21**	0.00064	0.03	0.0037 I	0.000059 U	0.0011	0.0053	0.23
	3/1/2011	0.00030 I J4	**0.048**	0.031	0.0028	0.00032 U	0.00050 U	0.0025 U	**0.052**	0.00056	0.012	0.0022 U,J4	0.000059 U,J4	0.00048 J4	0.00030 I	0.14
	8/29/2011	NA	**0.0520**	0.015	**0.0099**	0.0011 J	NA	0.020	**0.210**	NA	0.044	**0.078**	NA	0.0012	0.015 U	0.270
	3/13/2012	NA	0.0013 U	NA	0.00025 U	NA	NA	NA	0.00031 J	NA	0.002 U	NA	NA	NA	NA	NA
	8/22/2012	NA	**0.055**	NA	**0.0045**	NA	NA	NA	**0.054**	NA	0.022	NA	NA	NA	NA	NA
	3/12/2013	NA	0.0094	NA	0.00071	NA	NA	NA	0.0087	NA	0.0071	NA	NA	NA	NA	NA
	8/20/2013	NA	0.0046	NA	0.00089	NA	NA	NA	0.0140	NA	0.0034 J	NA	NA	NA	NA	NA
MW-37S	11/8/2006	NA	<0.0038	1.1	NA	0.00016 I V	<0.0003 V	NA	<0.0019	<0.00002	NA	<0.0043	0.0022 I V	NA	NA	NA
	8/26/2009	0.0002 I	0.0085 U	1.1	0.00013 U	0.00032 U	0.0005 U	0.0025 U	0.0013 U	0.000014 U	0.0027 I	0.0022 U	0.000059 U	0.000067 U	0.00077 I	0.002 U
	3/3/2010	0.00068 I	0.0085 U	1.1	0.00013 U	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0028 I	0.0044 U	0.00012 U	0.00013 U	0.00070 I	0.0020 U
	9/1/2010	0.00014 I	0.0085 U	1.2	0.00013 U	0.00032 U	0.00051 I	0.0025 U	0.0013 U	0.000014 U	0.0017 I	0.0022 U	0.000059 U	0.000067 U	0.0010 I	0.0020 U
	3/1/2011	0.000073 U	0.0085 U	1.1	0.00013 U	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0039 I	0.0022 U	0.000059 U	0.000067 U	0.00032 I	0.0020 U
	8/29/2011	NA	0.0023 J	1.100	0.00025 U	0.000095 U	NA	0.0011 U	0.00020 U	NA	0.0020 U	0.0013 J	NA	0.00050 U	0.0038 U	0.0083 U
	3/13/2012	NA	0.002 J	NA	NA	NA	NA	NA	0.00020 U	NA	0.002 U	NA	NA	NA	NA	NA
	8/22/2012	NA	0.0023 J	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	3/13/2013	NA	0.0021 J	NA	NA	NA	NA	NA	0.00032 J	NA	0.0020 U	NA	NA	NA	NA	NA
	8/20/2013	NA	0.0018 J	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
MW-38S	11/8/2006	NA	<0.0038	0.054	NA	0.000086 I V	0.00079 I V	NA	<0.0019	<0.00002	NA	<0.0043	0.0014 I V	NA	NA	NA
	8/26/2009	0.00012 I	0.0085 U	0.059	0.00013 U	0.00032 U	0.00067 I,V	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00018 U	0.0091 V,I
	3/3/2010	0.00015 U	0.0085 U	0.068	0.00013 U	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0044 U	0.00012 U	0.00013 U	0.00040 I	0.0069 I
	9/1/2010	0.000073 U	0.0085 U	0.049	0.00013 U	0.00032 U	0.00090 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00018 U	0.0077 I
	3/1/2011	0.000073 U	0.0085 U	0.052	0.00013 U	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00023 I	0.013
	8/24/2011	NA	0.0013 U	0.077	0.00028 J	0.000095 U	NA	0.0011 U	0.00040 J	NA	0.0020 J	0.0010 U	NA	0.00050 U	0.0038 U	0.0083 U
	3/14/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.002 U	NA	NA	NA	NA	NA
	8/22/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	3/13/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0027 J	NA	NA	NA	NA	NA
	8/21/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-39S	11/8/2006	NA	<0.0038	0.26	NA	0.000096 I V	0.0011 I V	NA	<0.0019	0.000056 I	NA	<0.0043	0.0011 I V	NA	NA	NA
	8/27/2009	0.000073 U	0.0085 U	0.13	0.00069	0.00032 U	0.0021 V,I	0.0025 U	0.0015 V,I	0.00025	0.0036 I	0.0022 U	0.00059 U	0.000067 U	0.00018 U	0.027 V
	3/1/2010	0.00015 U	0.0085 U	0.13	0.00097	0.00032 U	0.0018 I	0.0036 I	0.0013 U	0.00031	0.0042 I	0.0044 U	0.00012 U	0.00015 I	0.00034 I	0.032
	8/31/2010	0.000073 U	0.0089 I	0.11	0.0011	0.00032 U	0.0023 I	0.005	0.0020 I	0.00014 I	0.0021 I	0.0022 U	0.000059 U	0.0002 I	0.00069 I	0.094
	3/2/2011	0.000073 U	0.0085 U	0.098	0.00097	0.00032 U	0.0022 I	0.0025 U	0.0016 I	0.00022	0.0050 I	0.0022 U	0.000059 U	0.00017 I	0.00018 U	0.054
	8/25/2011	NA	0.0035	0.080	0.0017	0.00018 J	NA	0.0049 J	0.0053	NA	0.011	0.0078	NA	0.00050 U	0.0038 U	0.042
	3/14/2012	NA	0.0090	0.076	0.0020	NA	NA	NA	0.0072	NA	0.017	NA	NA	NA	NA	0.083
	8/23/2012	NA	0.0034	0.067	0.0021	NA	NA	NA	0.0096	NA	0.015	NA	NA	NA	NA	0.053
	3/13/2013	NA	0.0056	0.051	0.0016	NA	NA	NA	0.0067	NA	0.015	NA	NA	NA	NA	0.067
	8/21/2013	NA	0.0026	0.048	0.0018	NA	NA	NA	0.0071	NA	0.013	NA	NA	NA	NA	0.052
MW-40S	2/24/2010	0.00017 I	0.0085 U	0.052	0.00013 U	0.00032 U	0.0051 V	0.0025 U	0.0013 U	0.000014 U	0.0021 I	0.0022 U	0.000059 U	0.000067 U	0.0054	0.010
	8/24/2010	0.000093 I	0.0085 U	0.062	0.00013 U	0.00032 U	0.0025 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000074 I	0.0049 V	0.01
	2/22/2011	0.000093 I	0.0085 U	0.035	0.00013 U	0.00032 U	0.0029 I	0.0025 U	0.0013 U	0.000014 U	0.0015 I	0.0022 U	0.000059 U	0.000067 U	0.0044	0.017
	8/29/2011	NA	0.0014 J	0.039	0.00025 U	0.000095 U	NA	0.0011 U	0.00053 J	NA	0.0020 U	0.0017 J	NA	0.00050 U	0.0045 J	0.0083 U
	3/15/2012	NA	0.0014 J	NA	0.00025 U	0.00021 J	NA	NA	0.00048 J	NA	0.002 U	NA	NA	0.00050 U	NA	NA
	8/23/2012	NA	0.0013 U	NA	0.00025 U	0.000095 U	NA	NA	0.00054 J	NA	0.0020 J	NA	NA	0.00050 U	NA	NA
	3/15/2013	NA	0.0013 U	NA	0.00025 U	0.000095 U	NA	NA	0.00054 J	NA	0.0027 J	NA	NA	0.00050 U	NA	NA
	8/20/2013	NA	0.0013 U	NA	0.00025 U	0.000095 U	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	0.00050 U	NA	NA
MW-41S	2/24/2010	0.00017 I	**0.015**	0.051	**0.0099**	0.0041	0.00053 V,I	0.048	**0.052**	0.000014 U	0.05	0.028	0.000061 I	**0.0026**	0.00074 I	0.70
	8/24/2010	0.000073 U	**0.027**	0.034	**0.0087**	0.0031	0.00062 I	0.042	**0.052**	0.000014 U	0.039	0.004 I	0.000059 U	**0.0021**	0.0023 V	0.58
	2/23/2011	0.000073 U,J4	**0.045**	0.033 J4	**0.0077**	0.0026	0.00050 U	0.040	**0.044**	0.000030 I	0.039	0.0022 U,J4	0.000069 I,J4	0.0019 J4	0.0011 I	0.58
	8/29/2011	NA	0.0070	0.032	**0.0058**	0.0017	NA	0.022	**0.042**	NA	0.027	0.015 B	NA	0.0016	0.0038 U	0.310
	3/15/2012	NA	**0.0190**	NA	**0.0060**	0.0030	NA	NA	**0.042**	NA	0.039	NA	NA	0.0017	NA	NA
	8/23/2012	NA	0.0045	NA	**0.0050**	0.0019	NA	NA	**0.035**	NA	0.026	NA	NA	0.0013	NA	NA
	3/18/2013	NA	**0.014**	NA	**0.0043**	0.0028	NA	NA	**0.034**	NA	0.036	NA	NA	0.0012	NA	NA
	8/27/2013	NA	0.0080	NA	**0.0046**	0.0024	NA	NA	**0.037**	NA	0.031	NA	NA	0.0013	NA	NA

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-42S	2/25/2010	0.0019	0.0085 U	0.0021	0.00013 U	0.0021	0.0035 V,I	0.039	0.0013 U	0.000014 I	0.054	0.0039 I	0.000059 U	0.00054	0.0092	1.3
	8/26/2010	0.0025	**0.079**	0.004	0.00013 U	0.00058 I	0.0042	0.017	0.0013 U	0.000040 I	0.047	0.0042 I	0.000059 U	0.00049	0.007	0.51
Dissolved	8/26/2010	NA	**0.064**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/24/2011	0.0025	**0.060**	0.0022	0.00013 U	0.0014	0.0023 I	0.020	0.0013 U	0.000014 U	0.048	0.0022 U	0.000059 U	0.00054	0.0095	1.2
Dissolved	2/24/2011	NA	**0.063**	NA	**NA**	NA	NA	NA	**NA**	NA	NA	NA	NA	NA	NA	NA
	8/30/2011	NA	**0.042**	0.0037 J	0.00057	0.0015	NA	0.026	0.00020 U	NA	0.039	0.0031 B	NA	0.00050 U	0.019	1.200
Dissolved	8/30/2011	NA	**0.046**	0.0013 J	0.00025 U	0.0011	NA	0.020	0.00020 U	NA	0.040 B	0.0018 J	NA	0.00058 J	0.014	0.280
	3/16/2012	NA	**0.031**	0.0025 J	0.00025 U	0.0038	NA	NA	0.00020 U	NA	0.059	NA	NA	NA	NA	2.000
Dissolved	3/16/2012	NA	**0.030**	0.0022 J	0.00025 U	0.0035	NA	NA	0.00020 U	NA	0.056	NA	NA	NA	NA	1.700
	8/24/2012	NA	**0.029**	0.011	0.00025 U	0.0038	NA	NA	0.00020 U	NA	0.056	NA	NA	NA	NA	1.700
Dissolved	8/24/2012	NA	**0.029**	0.014	0.00075 J	0.0040	NA	NA	0.00040 U	NA	0.058	NA	NA	NA	NA	**3.100**
	3/14/2013	NA	**0.026**	0.0024 J	0.00025 U	0.0021	NA	NA	0.00020 U	NA	0.035	NA	NA	NA	NA	0.970
	8/29/2013	NA	**0.036**	0.0044 J	0.00034 J	0.0032	NA	NA	0.00020 U	NA	0.057	NA	NA	NA	NA	**2.3**
Dissolved	8/29/2013	NA	**0.034**	0.0046 J	0.00027 J	0.0032	NA	NA	0.00020 U	NA	0.054	NA	NA	NA	NA	**2.1**
MW-43S	2/25/2010	0.00044 I	0.0085 U	0.0082	0.00013 U	0.0021	0.0011 V,I	0.0025 U	0.0013 U	0.000014 U	0.035	0.0022 U	0.000059 U	0.00018 I	0.0035	0.35
	8/26/2010	0.00041 I	**0.026**	0.004	0.00013 U	0.0026	0.0012 I	0.0051	0.0013 U	0.000049 I	0.046	0.0022 U	0.000059 U	0.00020 I	0.0098	0.44
	2/24/2011	0.00032 I	**0.018**	0.001	0.00013 U	0.0020	0.0010 I	0.0025 U	0.0013 U	0.000014 U	0.044	0.0022 U	0.000059 U	0.000076 I	0.0050	0.42
	8/30/2011	NA	**0.015**	0.0013 U	0.00025 U	0.0033	NA	0.0035 J	0.00020 U	NA	0.059	0.0023 J, B	NA	0.00050 U	0.0093 J	0.360
	3/15/2012	NA	**0.013**	NA	NA	0.0019	NA	NA	0.00020 U	NA	0.034	NA	NA	NA	NA	0.270
	8/24/2012	NA	**0.012**	NA	NA	0.0027	NA	NA	0.00020 U	NA	0.039	NA	NA	NA	NA	0.240
	3/14/2013	NA	**0.011**	NA	NA	0.0020	NA	NA	0.00020 U	NA	0.041	NA	NA	NA	NA	0.250
	8/22/2013	NA	**0.016**	NA	NA	0.0027	NA	NA	0.00020 U	NA	0.058	NA	NA	NA	NA	0.280
MW-44S	2/25/2010	0.001	0.0085 U	0.067	**0.0055**	0.00068	0.00074 V,I	0.0025 U	0.0013 U	0.000014 U	0.024	0.0022 U	0.000059 U	0.00077	0.00062 I	0.095
	8/26/2010	0.00015 I	0.0085 U	0.057	0.00018 I	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0034 I	0.0022 U	0.000059 U	0.000083 I	0.0019	0.0046 I
	2/24/2011	0.00029 I	0.0085 U	0.044	0.00041	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0040 I	0.0022 U	0.000059 U	0.00012 I	0.00069 I	0.015
	8/30/2011	NA	0.0022 J	0.053	0.00029 J	0.000095 U	NA	0.0011 U	0.00020 U	NA	0.0055	0.0017 J, B	NA	0.00050 U	0.0038 U	0.0083 U
	3/16/2012	NA	0.0013 J	NA	NA	0.000095 U	NA	NA	0.00020 J	NA	0.0043 J	NA	NA	NA	NA	NA
	8/24/2012	NA	0.0021 J	NA	NA	0.000095 U	NA	NA	0.00020 U	NA	0.0057	NA	NA	NA	NA	NA
	3/19/2013	NA	0.0013 U	NA	NA	0.000095 U	NA	NA	0.00020 U	NA	0.0067	NA	NA	NA	NA	NA
	8/28/2013	NA	0.0026	NA	NA	0.000095 U	NA	NA	0.00020 U	NA	0.0023 J	NA	NA	NA	NA	NA
MW-45S	8/31/2011	NA	0.0087	0.031	0.0015	0.00032 J	NA	0.0069	0.00020 J	NA	0.023	0.0049	NA	0.00050 U	0.0038 U	0.032
	3/19/2012	NA	**0.0190**	NA	NA	NA	NA	NA	0.00020 U	NA	0.0078	NA	NA	NA	NA	NA
	8/25/2012	NA	**0.019**	NA	NA	NA	NA	NA	0.0028	NA	0.011	NA	NA	NA	NA	NA
	3/20/2013	NA	**0.019**	NA	NA	NA	NA	NA	0.0010 J	NA	0.011	NA	NA	NA	NA	NA
	8/22/2013	NA	**0.026**	NA	NA	NA	NA	NA	0.00020 U	NA	0.0035 J	NA	NA	NA	NA	NA
MW-46S	2/25/2010	0.000073 U	0.0085 U	0.69	0.0016	0.00074	0.0011 V,I	0.0073	0.0013 U	0.000014 U	0.016	0.0022 U	0.000059 U	0.00053	0.00022 I	0.089
	8/26/2010	0.00015 I	0.0085 U	0.057	0.00018 I	0.00032 U	0.00050 U	0.0025 U	0.0013 U	0.000014 U	0.0034 I	0.0022 U	0.000059 U	0.000083 I	0.0019	0.0046 I
	2/25/2011	0.00024 I	0.0085 U	0.26	0.0012	0.00049 I	0.00088 I	0.0030 I	0.0013 U	0.000028 I	0.0095	0.0022 U	0.000059 U	0.00025	0.00034 I	0.082
	8/31/2011	NA	0.0013 U	0.430	0.0013	0.00036 J	NA	0.0055	0.0044	NA	0.011	0.0038	NA	0.00050 U	0.0038 U	0.054
	3/16/2012	NA	0.0013 U	NA	NA	0.00080	NA	NA	0.0037	NA	0.011	NA	NA	NA	NA	0.080
	8/25/2012	NA	0.0013 U	NA	NA	0.00048 J	NA	NA	0.0047	NA	0.010	NA	NA	NA	NA	0.070
	3/20/2013	NA	0.0014 J	NA	NA	0.00045 J	NA	NA	0.0046	NA	0.013	NA	NA	NA	NA	0.066
	8/28/2013	NA	0.0013 U	NA	NA	0.00025 J	NA	NA	0.0043	NA	0.0053	NA	NA	NA	NA	0.035

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-47S	3/1/2010	0.00015 U	0.0085 U	0.045	0.00025 I	0.00032 U	0.00092 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0044 U	0.00012 U	0.00013 U	0.0011 I	0.015
	3/1/2010	0.000073 U	0.0085 U	0.043	0.00016 I	0.00032 U	0.00097 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0014 I	0.0079 I
	2/24/2011	0.000073 U	0.0085 U	0.040	0.00013 U	0.00032 U	0.0015 I	0.0025 U	0.0013 U	0.000014 U	0.0012 I	0.0022 U	0.000059 U	0.000067 U	0.00029 I	0.016
	8/31/2011	NA	0.0013 U	0.043	0.00066	0.000095 U	NA	0.0011 U	0.00020 J	NA	0.0020 J	0.0020 J	NA	0.00050 U	0.0038 U	0.0083 U
	3/16/2012	NA	0.0013 U	0.046	0.00034 J	0.000095 U	NA	NA	0.00020 U	NA	0.002 U	NA	NA	0.00050 U	NA	0.0083 U
	8/25/2012	NA	0.0013 U	0.044	0.00037 J	0.000095 U	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	0.00050 U	NA	0.0083 U
	3/19/2013	NA	0.0013 U	0.047	0.00032 J	0.000095 U	NA	NA	0.00021 J	NA	0.0020 U	NA	NA	0.00050 U	NA	0.0095 J
	8/22/2013	NA	0.0013 U	0.053	0.00029 J	0.000095 U	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	0.00050 U	NA	0.0083 U
MW-48S	5/10/2012	NA	0.0013 U	2	0.0036	0.00039 J	NA	0.017	0.012	NA	0.013	0.001 U	NA	0.0005 U	0.0038 U	0.061
	8/21/2012	NA	0.0013 U	**2.7**	**0.0055**	0.00049 J	NA	0.014	**0.024**	NA	0.015	0.0019 J	NA	0.00053 J	NA	0.065
	3/15/2013	NA	0.0021 J	**4.3**	**0.0086**	0.00065	NA	0.022	**0.033**	NA	0.025	0.0010 U	NA	0.00063 J	NA	0.095
	8/29/2013	NA	0.0015 J	**3.9**	**0.0082**	0.00065	NA	0.018	**0.034**	NA	0.024	0.0029	NA	0.00076 J	NA	0.088
MW-49S	5/10/2012	NA	0.0013 U	0.067	0.00027 J	0.000095 U	NA	0.0035 J	0.003	NA	0.0023 J	0.001 U	NA	0.0005 U	0.0072 J	0.016 J
Dissolved	5/10/2012	NA	0.0013 U	0.049	0.00025 U	0.000095 U	NA	0.0016 J	0.0011 J	NA	0.002 U	0.001 U	NA	0.0005 U	0.0046 J	0.0097 J
	8/24/2012	NA	0.0015 J	0.046	0.00036 J	0.000095 U	NA	0.0050	0.0034	NA	0.0045 J	0.0010 U	NA	0.00050 U	NA	0.026
Dissolved	8/24/2012	NA	0.0013 U	0.032	0.00025 U	0.000095 U	NA	0.0022 J	0.0012 J	NA	0.0021 J	0.0010 U	NA	0.00050 U	NA	0.013 J
	3/20/2013	NA	0.0020 J	0.061	0.00048 J	0.000095 U	NA	0.0077	0.0057	NA	0.0071	0.0010 U	NA	0.00050 U	NA	0.038
Dissolved	3/20/2013	NA	0.0013 U	0.024	0.00025 U	0.000095 U	NA	0.0016 J	0.00073 J	NA	0.0020 U	0.0010 U	NA	0.00050 U	NA	0.0086 J
	8/21/2013	NA	0.0013 U	0.035	0.00025 U	0.000095 U	NA	0.0014 J	0.0020	NA	0.0020 J	0.0010 U	NA	0.00050 U	NA	0.021
Dissolved	8/21/2013	NA	0.0013 U	0.031	0.00025 U	0.000095 U	NA	0.0024 J	0.0021	NA	0.0023 J	0.0010 U	NA	0.00050 U	NA	0.022
FFFW-1	1/6-7/87	NA	<0.03	0.17	NA	<0.01	<0.02	NA	**0.04**	<0.0002	NA	<0.005	<0.02	NA	NA	NA
	5/10/2000	NA	<0.01	0.19	NA	<0.005	NA	NA	**0.016**	NA	NA	NA	NA	NA	NA	NA
	11/14/2001	NA	NA	NA	NA	NA	NA	NA	<0.01	NA	NA	NA	NA	NA	NA	<0.10
	12/21/2002	NA	NA	NA	NA	NA	NA	NA	**5.2**	NA	NA	NA	NA	NA	NA	0.22
Dissolved	12/21/2002	NA	NA	NA	NA	NA	NA	NA	**0.053**	NA	NA	NA	NA	NA	NA	0.073
	6/20/2003	NA	NA	NA	NA	NA	NA	NA	**0.3**	NA	NA	NA	NA	NA	NA	NA
Dissolved	6/20/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/8/2006	NA	<0.0038	0.14	NA	0.00018 I V	<0.0003	NA	0.011 V	0.000044 I	NA	<0.0043	0.0012 I V	NA	NA	NA
Dissolved	11/8/2006	NA	<0.0038	0.12	NA	0.00017 I V	<0.0003	NA	<0.0019	<0.00002	NA	<0.0043	0.0014 I V	NA	NA	NA
	9/1/2009	0.00022 I	0.0085 U	0.20	0.00019 I	0.00032 U	0.0014 I	0.0025 U	0.013	0.000037 I	0.0023 I	0.0022 U	0.000059 U	0.000078 I	0.0032	0.02
FFFW-1-R	8/30/2011	NA	0.0025	0.140	0.00025 U	0.00015 J	NA	0.0034 J	0.00054 J	NA	0.0024 J	0.0010 U	NA	0.00050 U	0.0038 U	0.025
	3/19/2012	NA	0.0014 J	NA	NA	NA	NA	NA	0.00024 J	NA	0.002 U	NA	NA	NA	NA	NA
	8/24/2012	NA	0.0016 J	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	3/19/2013	NA	0.0028	NA	NA	NA	NA	NA	0.00025 J	NA	0.0020 U	NA	NA	NA	NA	NA
	8/29/2013	NA	0.0019 J	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
FFFW-2	1/6-7/87	NA	<0.05	**62**	NA	**0.055**	<0.05	NA	**1.82**	0.0011	NA	<0.025	<0.05	NA	NA	NA
	5/10/2000	NA	NA	0.52	NA	**0.0096**	NA	NA	**2.3**	0.00027	NA	NA	NA	NA	NA	NA
	11/14/2001	NA	NA	NA	NA	0.0045	NA	NA	**1.3**	NA	NA	NA	NA	NA	NA	NA
	12/22/2002	<0.40*	<0.20*	**34**	**0.47**	<0.10*	<0.20*	<0.40*	**4.2**	0.0013	**0.68**	<0.20*	<0.20*	<0.20*	**0.22**	1.4
Dissolved	12/22/2002	<0.020	<0.0050	**3.1**	**0.083**	<0.0050	<0.010	0.03	**0.71**	0.0101**	0.1	<0.010	<0.010	<0.010	<0.010	0.16
	6/20/2003	NA	NA	NA	NA	NA	NA	NA	**2.7**	NA	NA	NA	NA	NA	NA	NA
Dissolved	6/20/2003	NA	NA	NA	NA	NA	NA	NA	**2.2**	NA	NA	NA	NA	NA	NA	NA
	10/26/2006	0.0059 I	**0.16**	**9.5**	**0.38**	**0.019 V**	<0.0006	0.19	**2.8**	0.00059	**0.47**	<0.0086	<0.0012	**0.0077**	0.0041 I V	1.1 V
Dissolved	10/26/2006	NA	**0.037 I V**	**12.0**	**0.47**	**0.022**	NA	0.23 V	**3.6**	<0.00002	**0.55**	NA	NA	**0.0086 J4**	NA	NA
FFFW-2-R	11/7/2006	<0.0026	<0.0038	**3.9**	**0.048**	0.0035 V	<0.0003	0.059 V	**0.33 V**	0.00091	0.084	<0.0043	<0.0006	0.0018 I	0.0013 I	0.22 V
	9/1/2009	0.000073 U	0.0085 U	**3.4**	**0.039**	0.0026	0.00074 I	0.045	**0.22**	0.0015	0.072	0.0068 U	0.00044 U	0.0014	0.0013 I	0.19
Dissolved	9/1/2009	NA	NA	**3.3**	**0.039**	NA	NA	NA	**0.24**	NA	NA	NA	NA	NA	NA	NA
	3/1/2010	0.00029 I	**0.012**	**4.1**	**0.076**	0.0038	0.00050 U	0.075	**0.47**	0.00035	**0.11**	0.022	0.00068	**0.0024**	0.00025 I	0.28
	8/27/2010	0.00014 I	**0.05**	**3.5**	**0.048**	0.0032	0.00050 U	0.056	**0.33**	0.00022	0.090	0.0026 I	0.00038	0.0019	0.0018	0.24
	2/28/2011	0.00012 I	**0.057**	**3.1**	**0.052**	0.0028	0.00050 U	0.054	**0.36**	0.00120	0.088	0.0022 U	0.00042	0.0020	0.00038 I	0.21
	8/31/2011	NA	0.0048	2.0	**0.025**	0.0015	NA	0.021	**0.130**	NA	0.048	0.0084	NA	0.00092 J	0.0038 U	0.095
	3/19/2012	NA	**0.0420**	**3.9**	**0.062**	0.0041	NA	NA	**0.380**	NA	**0.110**	NA	NA	0.00160	NA	0.260
	8/26/2012	NA	**0.018**	**4.3**	**0.056**	0.0043	NA	NA	**0.420**	NA	**0.120**	NA	NA	0.0016	NA	0.260
	3/19/2013	NA	**0.037**	**4.4**	**0.060**	0.0043	NA	NA	**0.450**	NA	**0.130**	NA	NA	0.0017	NA	0.280
	8/23/2013	NA	**0.033**	**4.600**	**0.068**	0.0055	NA	NA	**0.550**	NA	**0.160**	NA	NA	0.0023	NA	0.320
FFFW-2I	3/1/2010	0.00054 I	0.0085 U	0.46	0.00072	0.00032 U	0.0053	0.0047	0.0013 U	0.000014 U	0.0034 I	0.0044 U	0.00012 U	0.00013 U	0.0096	0.023
	8/27/2010	0.00015 I	0.0085 U	0.31	0.00013 U	0.00032 U	0.00064 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0033	0.0069 I
	2/28/2011	0.00015 I	0.0085 U	0.32	0.00035	0.00032 U	0.00098 I	0.0025 U	0.0013 U	0.000014 U	0.0018 I	0.0022 U	0.000059 U	0.00013 I	0.0020	0.020
	8/31/2011	NA	0.0013 U	0.230	0.00064	0.00036 J	NA	0.0011 U	0.00020 U	NA	0.0054	0.0016 J, B	NA	0.00050 U	0.0038 U	0.0083 U
	3/19/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00021 J	NA	0.0059	NA	NA	NA	NA	NA
	8/26/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00024 J	NA	0.0062	NA	NA	NA	NA	NA
	3/19/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0061	NA	NA	NA	NA	NA
	8/23/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0057	NA	NA	NA	NA	NA

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
FFFW-3	1/6-7/87	NA	**0.075**	<0.02	NA	<0.01	<0.02	NA	<0.03	<0.0002	NA	<0.025	<0.02	NA	NA	NA
	5/10/2000	NA	**0.025**	NA	NA	**0.0064**	NA	NA	**0.11**	NA	NA	NA	NA	NA	NA	NA
	11/14/2001	NA	NA	NA	NA	**0.017**	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/2002	NA	NA	NA	NA	**0.0074**	NA	NA	**0.067**	NA	NA	NA	NA	NA	NA	NA
Dissolved	12/22/2002	NA	NA	NA	NA	**0.016**	NA	NA	0.0058	NA	NA	NA	NA	NA	NA	NA
	6/19/2003	NA	NA	NA	NA	NA	NA	NA	0.012	NA	NA	NA	NA	NA	NA	NA
Dissolved	6/19/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/7/2006	NA	**0.28**	0.02	NA	**0.011 V**	<0.0003	NA	0.0033 I V	0.000027 I	NA	<0.0043	0.0007 I V	NA	NA	NA
Dissolved	11/7/2006	NA	**0.012 I**	0.0033	NA	**0.011 V**	<0.0003	NA	<0.0019	<0.00002	NA	<0.0043	0.0018 I V	NA	NA	NA
	8/31/2009	0.00064	0.0085 U	0.0061	0.00017 I	0.0044	0.0023 I	0.06	0.0013 U	0.000014 U	0.037	0.0022 U	0.000087 I	0.00014 I	0.0094	1.6
FFFW-3-R	8/29/2011	NA	**0.026**	0.0026 J	0.00025 U	0.00066	NA	0.0031 J	0.00045 J	NA	0.035	0.0017 J	NA	0.00050 U	0.0062 J	0.050
Dissolved	8/29/2011	NA	**0.033**	0.0027 J	0.00025 U	0.00066	NA	0.0038 J	0.00020 U	NA	0.039 B	0.0011 J	NA	0.00050 U	0.0081 J	0.060
	3/15/2012	NA	**0.021**	NA	NA	NA	NA	NA	0.00070 J	NA	0.044	NA	NA	NA	NA	NA
Dissolved	3/15/2012	NA	**0.022**	NA	NA	NA	NA	NA	0.00020 U	NA	0.041	NA	NA	NA	NA	NA
	8/24/2012	NA	**0.020**	NA	NA	NA	NA	NA	0.00020 U	NA	0.056	NA	NA	NA	NA	NA
	3/14/2013	NA	**0.014**	NA	NA	NA	NA	NA	0.00020 U	NA	0.074	NA	NA	NA	NA	NA
	8/22/2013	NA	**0.016**	NA	NA	NA	NA	NA	0.00020 U	NA	0.058	NA	NA	NA	NA	NA

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Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
FFFW-4	1/6-7/87	NA	<0.03	1.61	NA	<0.01	**0.21**	NA	**1.43**	0.0004	NA	<0.025	<0.03	NA	NA	NA
	5/10/2000	NA	NA	0.096	NA	<0.005	0.021	NA	**0.13**	<0.0002	NA	NA	NA	NA	NA	NA
	11/14/2001	NA	NA	NA	NA	NA	NA	NA	**0.11**	NA	NA	NA	NA	NA	NA	NA
	12/23/2002	NA	NA	NA	NA	NA	NA	NA	**0.2**	NA	NA	NA	NA	NA	NA	NA
Dissolved	12/23/2002	NA	NA	NA	NA	NA	NA	NA	<0.0050	NA	NA	NA	NA	NA	NA	NA
	6/20/2003	NA	NA	NA	NA	NA	NA	NA	**0.15**	NA	NA	NA	NA	NA	NA	NA
Dissolved	6/20/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/26/2006	NA	<0.0038	0.35	NA	0.000061 I V	0.0064 V	NA	**0.038**	0.00008 I	NA	<0.0043	<0.0006	NA	NA	NA
Dissolved	10/26/2006	NA	NA	NA	NA	NA	NA	NA	<0.0019	NA	NA	NA	NA	NA	NA	NA
	9/1/2009	0.00016 I	0.0085 U	0.25	**0.012**	0.00032 U	0.033	0.021	**0.032**	0.000024 I	0.025	0.0022 U	0.000059 U	0.00049	**0.063**	0.071
FFFW-4-R	8/30/2011	NA	**0.016**	0.830	**0.039**	0.0027	NA	0.022	**0.066**	NA	**0.110**	0.033 B	NA	0.0020	0.0076 U	0.350
Dissolved	8/30/2011	NA	0.0092	0.420	**0.025**	0.0035	NA	0.022	**0.032**	NA	**0.130 B**	0.0040	NA	**0.0021**	0.0038 U	0.440
	3/19/2012	NA	0.0039	NA	0.0021	NA	NA	NA	0.0087	NA	0.014	NA	NA	NA	NA	NA
Dissolved	3/19/2012	NA	0.0034	NA	0.0021	NA	NA	NA	0.0048	NA	0.014	NA	NA	NA	NA	NA
	8/25/2012	NA	0.0053	NA	0.0014	NA	NA	NA	**0.016**	NA	0.021	NA	NA	NA	NA	NA
Dissolved	8/25/2012	NA	0.0063	NA	0.0021	NA	NA	NA	**0.019**	NA	0.025	NA	NA	NA	NA	NA
	3/20/2013	NA	0.0030	NA	0.0015	NA	NA	NA	0.0069	NA	0.013	NA	NA	NA	NA	NA
Dissolved	3/20/2013	NA	0.0025	NA	0.0013	NA	NA	NA	0.0054	NA	0.011	NA	NA	NA	NA	NA
	8/22/2013	NA	0.0069	NA	0.00042 J	NA	NA	NA	0.013	NA	0.015	NA	NA	NA	NA	NA
Dissolved	8/22/2013	NA	0.0072	NA	0.00041 J	NA	NA	NA	0.013	NA	0.016	NA	NA	NA	NA	NA
MW-TP1S	8/7/2000	NA	**0.013**	0.31	NA	<0.005	<0.01	NA	0.0068	NA	NA	NA	NA	NA	NA	NA
	11/14/2001	NA	NA	NA	NA	NA	NA	NA	0.011	NA	NA	NA	NA	NA	NA	NA
	12/20/2002	NA	NA	NA	NA	NA	NA	NA	**0.022**	NA	NA	NA	NA	NA	NA	NA
	6/19/2003	NA	NA	NA	NA	NA	NA	NA	**0.023**	NA	NA	NA	NA	NA	NA	NA
	10/26/2006	NA	<0.0038	0.21	NA	0.00035 V	0.0019 V	NA	0.0096	<0.00002	NA	<0.0043	<0.0006	NA	NA	NA
	9/1/2009	0.000073 U	0.0085 U	0.28	0.0024	0.00032 U	0.0015 I	0.0011	0.0061 I	0.000014 U	0.0095	0.0022 U	0.000059 U	0.00013 I	0.00027 I	0.055
	2/26/2010	0.00012 I	0.0085 U	0.32	0.0023	0.00032 U	0.0016 V,I	0.0091	0.0076	0.000014 U	0.011	0.0022 U	0.000059 U	0.00015 I	0.00026 I	0.051
	8/30/2010	0.000073 U	0.0085 U	0.27	0.0020	0.00032 U	0.0019 I	0.0098	0.0068 I	0.000014 U	0.0062 I	0.0022 U	0.000059 U	0.00033	0.00026 I	0.046
	2/28/2011	0.000073 U	0.0085 U	0.26	0.0017	0.00032 U	0.0014 I	0.0062	0.0066 I	0.000014 U	0.0057 I	0.0022 U	0.000059 U	0.00015 I	0.00026 I	0.048
	8/26/2011	NA	0.0013 U	0.280	0.0017	0.00013 J	NA	0.0073	0.0084	NA	0.0010	0.0021 J	NA	0.00050 U	0.0038 U	0.035
	3/19/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0074	NA	0.0085	NA	NA	NA	NA	NA
	8/25/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0074	NA	0.0073	NA	NA	NA	NA	NA
	3/19/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0061	NA	0.014	NA	NA	NA	NA	NA
	8/21/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00071 J	NA	0.0079	NA	NA	NA	NA	NA
MW-TP1I	8/8/2000	NA	<0.01	0.13	NA	<0.005	<0.01	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/14/2001	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/20/2002	<0.006	<0.010	0.052	<0.004	<0.005	<0.01	<0.02	<0.005	NA	<0.04	<0.01	NA	<0.002	<0.01	<0.02
	6/19/2003	NA	NA	NA	NA	NA	NA	NA	**0.024**	NA	NA	NA	NA	NA	NA	NA
Dissolved	6/19/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/26/2006	NA	<0.0038	0.046	NA	<0.000051	0.0014 V	NA	<0.0019	<0.00002	NA	<0.0043	<0.0006	NA	NA	NA
	9/1/2009	0.000073 U	0.0085 U	0.052	0.00029 I	0.00032 U	0.0021 I	0.0025 U	0.0013 U	0.000014 U	0.0012 I	0.0022 U	0.000059 U	0.000067 U	0.0066	0.0088 I
	2/26/2010	0.00016 I	0.0085 U	0.043	0.00013 U	0.00032 U	0.0014 V,I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0056	0.0068 I
	8/30/2010	0.000073 U	0.0085 U	0.042	0.00017 I	0.00032 U	0.00069 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0052	0.0057 I
	2/28/2011	0.000073 U	0.0085 U	0.046	0.00013 U	0.00032 U	0.0016 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0064	0.017
	8/26/2011	NA	0.0013 U	0.040	0.00025 U	0.000095 U	NA	0.0011 U	0.00020 U	NA	0.0022 J	0.0010 U	NA	0.00050 U	0.0051 J	0.0083 U
	3/19/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.002 U	NA	NA	NA	NA	NA
	8/25/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	3/19/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	8/21/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-TP2S	8/7/2000	NA	<0.01	0.62	NA	<0.005	<0.01	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/21/2002	<0.006	<0.01	0.36	**0.0086**	<0.005	<0.01	<0.02	0.0064	NA	<0.04	<0.01	NA	<0.002	<0.01	0.064
	6/19/2003	NA	NA	NA	NA	NA	NA	NA	0.0078	NA	NA	NA	NA	NA	NA	NA
	10/26/2006	<0.0026	<0.0038	0.33	**0.0072**	0.0004 V	0.001 I V	0.0055	0.0074 I	<0.00002	0.0074	<0.0043	<0.0006	<0.0010	0.0024	0.035 V
Dissolved	NA	NA	NA	NA	**0.0075**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/1/2009	0.00032 I	0.0085 U	0.14	**0.0054**	0.00032 U	0.0013 I	0.0050	0.0013 U	0.000014 U	0.0066	0.0022 U	0.000059 U	0.0001 I	0.0032	0.051
Dissolved	NA	NA	NA	NA	**0.0054**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/26/2010	0.0015	0.0085 U	0.033	0.0012	0.00032 U	0.0028 V,I	0.0065	0.0013 U	0.000014 U	0.0049 I	0.0022 U	0.000059 U	0.000071 I	0.0095	0.067
	8/26/2010	0.00040 I	0.0085 U	0.160	**0.0066**	0.00032 U	0.00092 I	0.0065	0.0036 I	0.000014 U	0.0070	0.0022 U	0.000059 U	0.00014 I	0.0049	0.050
	2/28/2011	0.0010	0.0085 U	0.052	0.0013	0.00032 U	0.0018 I	0.0032 I	0.0013 U	0.000019 I	0.0012 I	0.0022 U	0.000059 U	0.00013 I	0.0065	0.11
	8/31/2011	NA	0.0013 U	0.110	**0.0068**	0.00035 J	NA	0.005	0.002	NA	0.010	0.0031	NA	0.00050 U	0.0038 U	0.051
	3/16/2012	NA	0.0031	NA	NA	NA	NA	NA	0.0023	NA	0.0073	NA	NA	NA	NA	NA
	8/24/2012	NA	0.0035	NA	NA	NA	NA	NA	0.0026	NA	0.0078	NA	NA	NA	NA	NA
	3/20/2013	NA	0.0023 J	NA	NA	NA	NA	NA	0.0029	NA	0.0058	NA	NA	NA	NA	NA
Dissolved	3/20/2013	NA	0.0026	NA	NA	NA	NA	NA	0.0024	NA	0.0048 J	NA	NA	NA	NA	NA
	8/27/2013	NA	0.0043	NA	NA	NA	NA	NA	0.0034	NA	0.0056	NA	NA	NA	NA	NA
Dissolved	8/27/2013	NA	0.0043	NA	NA	NA	NA	NA	0.0030	NA	0.0053	NA	NA	NA	NA	NA
MW-TP3S	8/7/2000	NA	<0.01	0.37	NA	<0.005	<0.01	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/14/2001	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/20/2002	<0.006	<0.01	0.36	<0.004	<0.005	<0.010	<0.02	<0.005	NA	<0.04	<0.01	NA	<0.002	<0.01	<0.02
	6/19/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/26/2006	NA	<0.0038	0.29	NA	0.00017 I V	0.0021 V	NA	<0.0019	<0.00002	NA	<0.0043	<0.0006	NA	NA	NA
	9/1/2009	0.000073 U	0.0085 U	0.24	0.0015	0.00032 U	0.0017 I	0.0025 U	0.0013 U	0.000018 I	0.0023 I	0.0022 U	0.000059 U	0.000067 U	0.0011 I	0.016
	2/25/2010	0.000073 U	0.0085 U	0.24	0.0013	0.00032 U	0.0024 V,I	0.0025 U	0.0013 U	0.000068 I	0.0035 I	0.0022 U	0.000059 U	0.000078 I	0.00018 U	0.016
	8/26/2010	0.00034 I	0.0085 U	0.21	0.0013	0.00032 U	0.0010 I	0.0025 U	0.0014 I	0.000046 I	0.0016 I	0.0022 U	0.000059 U	0.000071 I	0.0015	0.0042 I
	2/28/2011	0.000087 I	0.0085 U	0.21	0.0018	0.00032 U	0.0011 I	0.0025 U	0.0013 U	0.000022 I	0.0017 I	0.0022 U	0.000059 U	0.0003	0.00072 I	0.027
	8/31/2011	NA	0.0013 U	0.180	0.0015	0.00011 J	NA	0.0011 U	0.00078 J	NA	0.0041 J	0.0019 J	NA	0.00050 U	0.0038 U	0.0087 J
	3/16/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0014 J	NA	0.0055	NA	NA	NA	NA	NA
	8/25/2012	NA	0.0013 U	NA	NA	NA	NA	NA	0.0011 J	NA	0.0028 J	NA	NA	NA	NA	NA
	3/20/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0012 J	NA	0.0041 J	NA	NA	NA	NA	NA
	8/27/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0013 J	NA	0.0041 J	NA	NA	NA	NA	NA

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

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.015**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**0.1**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-TP4S	8/7/2000	NA	<0.01	0.18	NA	<0.005	<0.01	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/14/2001	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/20/2002	<0.006	<0.01	0.18	<0.004	<0.005	<0.010	<0.02	<0.005	NA	<0.04	<0.01	NA	<0.002	<0.01	<0.02
	6/20/2003	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/26/2006	NA	<0.0038	0.19	NA	0.00022 V	0.0017 V	NA	0.005 I	<0.00002	NA	<0.0043	<0.0006	NA	NA	NA
	9/1/2009	0.00038 I	0.0085 U	0.20	0.00066	0.00032 U	0.0013 I	0.0033 I	0.0039 I	0.000014 U	0.0023 I	0.0022 U	0.000059 U	0.000072 I	0.00048 I	0.024
	2/26/2010	0.000075 I	0.0085 U	0.19	0.00055	0.00032 U	0.0016 V,I	0.0030 I	0.0038 I	0.000017 I	0.0023 I	0.0022 U	0.000059 U	0.000089 I	0.00018 U	0.019
	8/27/2010	0.000073 U	0.0085 U	0.19	0.00051	0.00032 U	0.00050 U	0.0060	0.0045 I	0.000014 U	0.0011 I	0.0022 U	0.000059 U	0.000067 U	0.0014 I	0.02
	2/28/2011	0.000092 I	0.0085 U	0.18	0.00058	0.00032 U	0.0013 I	0.0025 U	0.0033 I	0.000014 U	0.0014 I	0.0022 U	0.000059 U	0.000098 I	0.00028 I	0.027
	8/26/2011	NA	0.0013 U	0.190	0.00062	0.000095 U	NA	0.0037 J	0.0042	NA	0.0049 J	0.0016 J	NA	0.00050 U	0.0038 U	0.017 J
	3/19/2012	NA	0.0013 U	0.190	0.00083	NA	NA	NA	0.0038	NA	0.0039 J	NA	NA	NA	NA	NA
	8/25/2012	NA	0.0013 U	0.170	0.00063	NA	NA	NA	0.0038	NA	0.0040 J	NA	NA	NA	NA	NA
	3/19/2013	NA	0.0013 U	0.190	0.00070	NA	NA	NA	0.0037	NA	0.0040 J	NA	NA	NA	NA	NA
	8/21/2013	NA	0.0013 U	0.210	0.00048 J	NA	NA	NA	0.0040	NA	0.0047 J	NA	NA	NA	NA	NA
MW-TP5S	8/7/2000	NA	**0.024**	**3.7**	**0.062**	NA	<0.01	0.046	**0.22**	NA	**0.17**	NA	NA	NA	NA	0.41
	11/14/2001	NA	**0.22**	**11**	**0.23**	NA	NA	NA	**3.3**	NA	**0.63**	NA	NA	NA	NA	NA
	12/20/2002	<0.20*	<0.10*	**15**	**0.16**	<0.050*	<0.10*	0.17	**1.4**	<0.0002	**0.41**	<0.10*	<0.10*	<0.10*	<0.10*	1
	6/20/2003	NA	NA	NA	NA	NA	NA	NA	0.0095	NA	NA	NA	NA	NA	NA	NA
	10/26/2006	**0.0095 I**	**0.064**	**2.8**	**0.14**	**0.0083 V**	<0.0003	0.032	**0.72**	<0.00002	**0.33**	<0.0043	<0.0006	**0.0035 I**	0.032	0.98 V
	8/31/2009	0.00026 I	**0.034**	**9.1**	**0.16**	**0.0073**	0.00050 U	0.13	**0.90**	0.000022 I	**0.40**	0.0068 U	0.00044 U	**0.0045**	0.014	1.0
	3/1/2010	0.00053 I	**0.11**	**19**	**0.25**	**0.016**	0.00050 U	0.19	**1.7**	0.000014 U	**0.64**	**0.066**	0.00030 I	**0.0052**	0.015	1.6
	8/30/2010	0.0015 U	**0.18**	**16**	**0.19**	**0.013**	0.0012 I	0.19	**1.5**	0.000014 U	**0.41**	0.044 U	0.0012 U	**0.0058**	0.012	1.2
	2/24/2011	0.00045 I,J4	**0.34**	**25 J4**	**0.36**	**0.020**	0.00099 U	0.40	**2.6**	0.000014 U	**0.89**	0.0022 U,J4	0.00022 I,J4	**0.0052 J4**	0.015	1.9
	8/31/2011	NA	**0.082**	**29**	**0.300**	**0.016**	NA	0.310	**2.2**	NA	**0.590**	**0.130**	NA	**0.0050**	0.038 U	**2.8**
	3/20/2012	NA	**0.160**	**39**	**0.320**	**0.020**	NA	NA	**1.5**	NA	**0.590**	0.045	NA	**0.0034**	NA	1.7
	8/26/2012	NA	**0.090**	**47**	**0.330**	**0.018**	NA	NA	**2.1**	NA	**0.800**	0.012	NA	**0.0047**	NA	1.9
	3/19/2013	NA	**0.140**	**47**	**0.340**	**0.017**	NA	NA	**1.6**	NA	**0.700**	0.0081	NA	**0.0039**	NA	1.8
	8/22/2013	NA	**0.160**	**43**	**0.330**	**0.015**	NA	NA	**2.7**	NA	**0.900**	**0.360**	NA	**0.0068**	NA	1.9
MW-TP5I	3/1/2010	0.00033 I	0.0099 I	0.36	**0.0063**	0.00032 U	0.039	0.024	0.011	0.000014 U	0.036	0.0044 U	0.00012 U	0.00054	**0.066**	0.090
Dissolved	3/1/2012	NA	NA	NA	**0.0041**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.048**	NA
	8/30/2010	0.00045 I	0.0085 U	0.15	0.0014	0.00032 U	0.0091	0.0056	0.0013 U	0.000014 U	0.0066	0.0022 U	0.000059 U	0.00015 I	0.014	0.025
	2/24/2011	0.000093 I	0.0085 U	0.096	0.00067	0.00032 U	0.0060	0.0025 U	0.0014 I	0.000014 U	0.0057 I	0.0022 U	0.000059 U	0.000067 U	0.010	0.027
	8/31/2011	NA	0.0021 J	0.085	0.00065	0.000095 U	NA	0.0011 J	0.00085 J	NA	0.0040 J	0.0032	NA	0.00050 U	0.0041 J	0.0083 U
	3/20/2012	NA	0.0013 J	NA	NA	NA	NA	NA	0.0018 J	NA	0.0043 J	NA	NA	NA	NA	0.013 J
Dissolved	3/20/2012	NA	0.0027	NA	NA	NA	NA	NA	0.0038	NA	0.0090	NA	NA	NA	NA	0.027
	8/26/2012	NA	0.0023 J	NA	NA	NA	NA	NA	0.0049	NA	0.010	NA	NA	NA	NA	0.033
Dissolved	8/26/2012	NA	0.0014 J	NA	NA	NA	NA	NA	0.0013 J	NA	0.0036 J	NA	NA	NA	NA	0.011 J
	3/19/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0022	NA	0.0035 J	NA	NA	NA	NA	0.0083 U
Dissolved	3/19/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0013 J	NA	0.0032 J	NA	NA	NA	NA	0.0083 U
	8/22/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.0019	NA	0.0020 J	NA	NA	NA	NA	0.0083 U
Dissolved	8/22/2013	NA	0.0013 U	NA	NA	NA	NA	NA	0.00066 J	NA	0.0020 U	NA	NA	NA	NA	0.0083 U
MW-TP6S	8/7/2000	NA	<0.01	1.3	NA	<0.0050	<0.01	NA	0.015	NA	NA	NA	NA	NA	NA	NA

Notes:

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

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

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

U - Analyte not detected.

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

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

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

NA - Not analyzed.

Bold - Concentration exceeds theType 1 RRS.

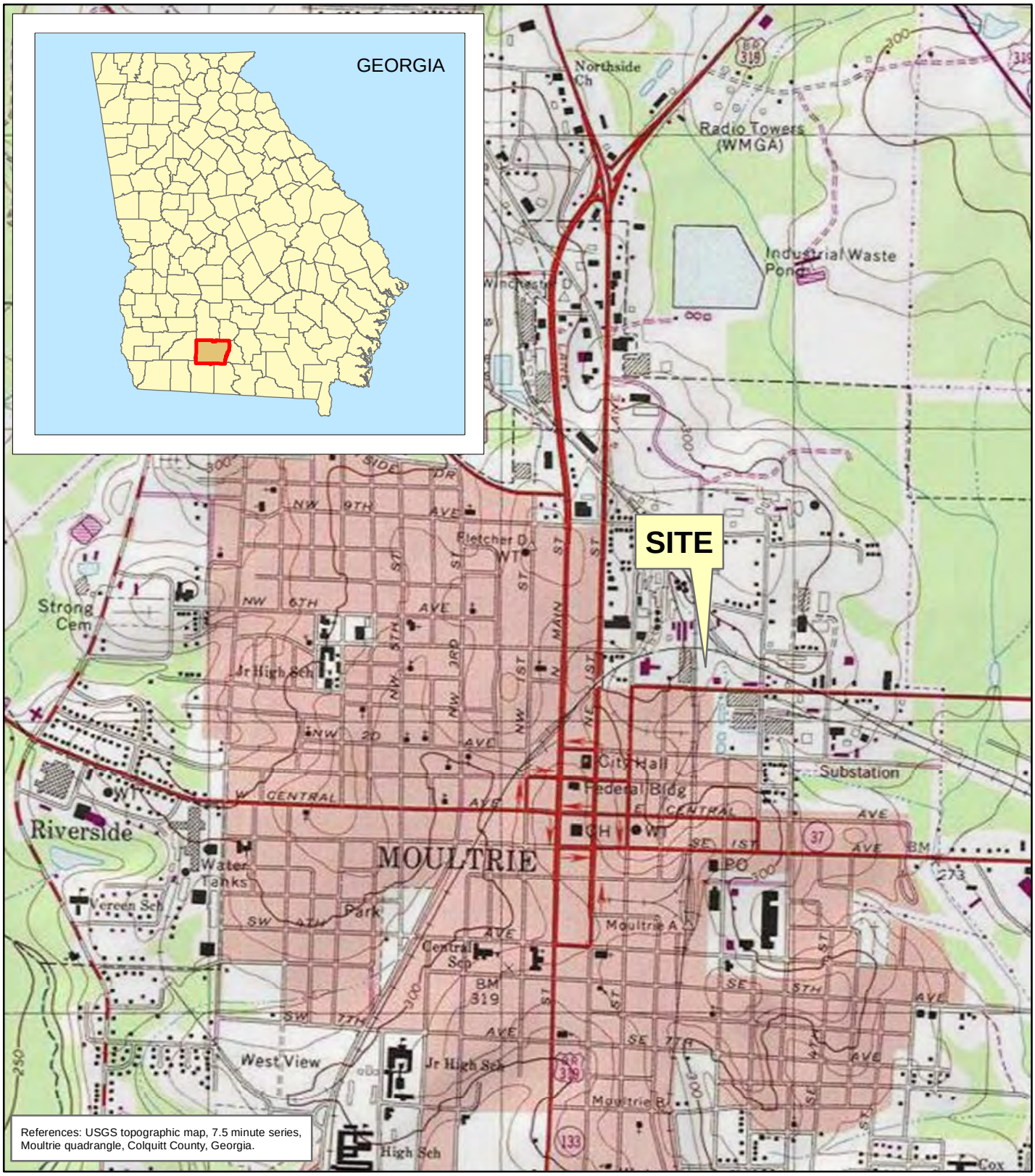
* - Elevated detection limits were reported due to sample matrix interference which required sample or extract dilution.

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

Sample ID	Date Sampled	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Thallium	Zinc
Statistical Background		**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.002**	**1.36**
Type 1 Risk Reduction Standard		**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.002**	**2**
EQ Blank-1	8/22/2013	0.0013 U	0.0013 U	0.00025 U	0.000095 U	0.0011 U	0.00020 U	NA	0.0020 U	0.0010 U	0.00050 U	0.0083 U
EQ Blank-2	8/23/2013	0.0013 U	0.0013 U	0.00025 U	0.000095 U	0.0011 U	0.00020 U	NA	0.0020 U	0.0010 U	0.00050 U	0.0083 U
EQ Blank-3	8/29/2013	0.0013 U	0.0013 U	0.00025 U	0.000095 U	0.0011 U	0.00020 U	NA	0.0020 U	0.0010 U	0.00050 U	0.0083 U
MW-6S-R	8/22/2013	**0.0014 J**	NA	**0.0021**	**0.0022**	NA	0.0011 J	NA	**0.046**	NA	NA	0.390
DUP-1	8/22/2013	**0.0014 J**	NA	**0.0023**	**0.0023**	NA	0.0010 J	NA	**0.044**	NA	NA	0.380
Relative Percent Difference		0%	NA	9%	4%	NA	10%	NA	4%	NA	NA	3%
MW-29S	8/28/2013	0.0019 J	1.1	0.0026	NA	0.0085	**0.046**	0.0011	0.0072	NA	NA	NA
DUP-2	8/28/2013	0.0021 J	1.2	0.0028	NA	0.0087	**0.046**	0.00099	0.0080	NA	NA	NA
Relative Percent Difference		10%	9%	7%	NA	2%	0%	11%	11%	NA	NA	NA
MW-3S	8/22/2013	**0.0031 J**	0.017	**0.0019**	**0.0017**	**0.060**	**0.073**	NA	**0.056**	**0.0082**	NA	**0.340**
DUP-3	8/22/2013	**0.0018**	0.028	**0.00051**	**0.00092**	**0.0069**	**0.015**	NA	**0.019**	**0.0070**	NA	**0.230**
Relative Percent Difference		53%	49%	115%	60%	159%	132%	NA	99%	16%	NA	39%
MW-TP5S	8/22/2013	**0.160**	**43**	**0.330**	**0.015**	NA	**2.700**	NA	**0.900**	0.360	**0.0068**	1.900
DUP-4	8/22/2013	**0.160**	**43**	**0.340**	**0.019**	NA	**2.700**	NA	**0.900**	0.350	**0.0068**	1.900
Relative Percent Difference		0%	0%	3%	24%	NA	0%	NA	0%	3%	0%	0%
MW-36S	8/20/2013	0.0046	NA	0.00089	NA	NA	0.0140	NA	0.0034 J	NA	NA	NA
DUP-5	8/20/2013	0.0048	NA	0.00078	NA	NA	0.0140	NA	0.0045 J	NA	NA	NA
Relative Percent Difference		4%	NA	13%	NA	NA	0%	NA	28%	NA	NA	NA
MW-12S	8/20/2013	**0.210**	0.610	**0.037**	0.0060	0.350	**0.065**	NA	**0.250**	**0.570**	0.0024	1.200
DUP-6	8/20/2013	**0.220**	1.4	**0.038**	**0.0059**	0.360	**0.140**	NA	**0.260**	**0.590**	0.0026	1.300
Relative Percent Difference		5%	79%	3%	2%	3%	73%	NA	4%	3%	8%	8%
MW-32I	8/20/2013	**0.040**	0.43	**0.017**	**0.0060**	NA	**0.120**	NA	**0.110**	NA	0.0013	NA
DUP-7	8/20/2013	**0.038**	0.400	**0.016**	**0.0056**	NA	**0.120**	NA	**0.110**	NA	0.0012	NA
Relative Percent Difference		5%	7%	6%	7%	NA	0%	NA	0%	NA	8%	NA

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

FIGURES



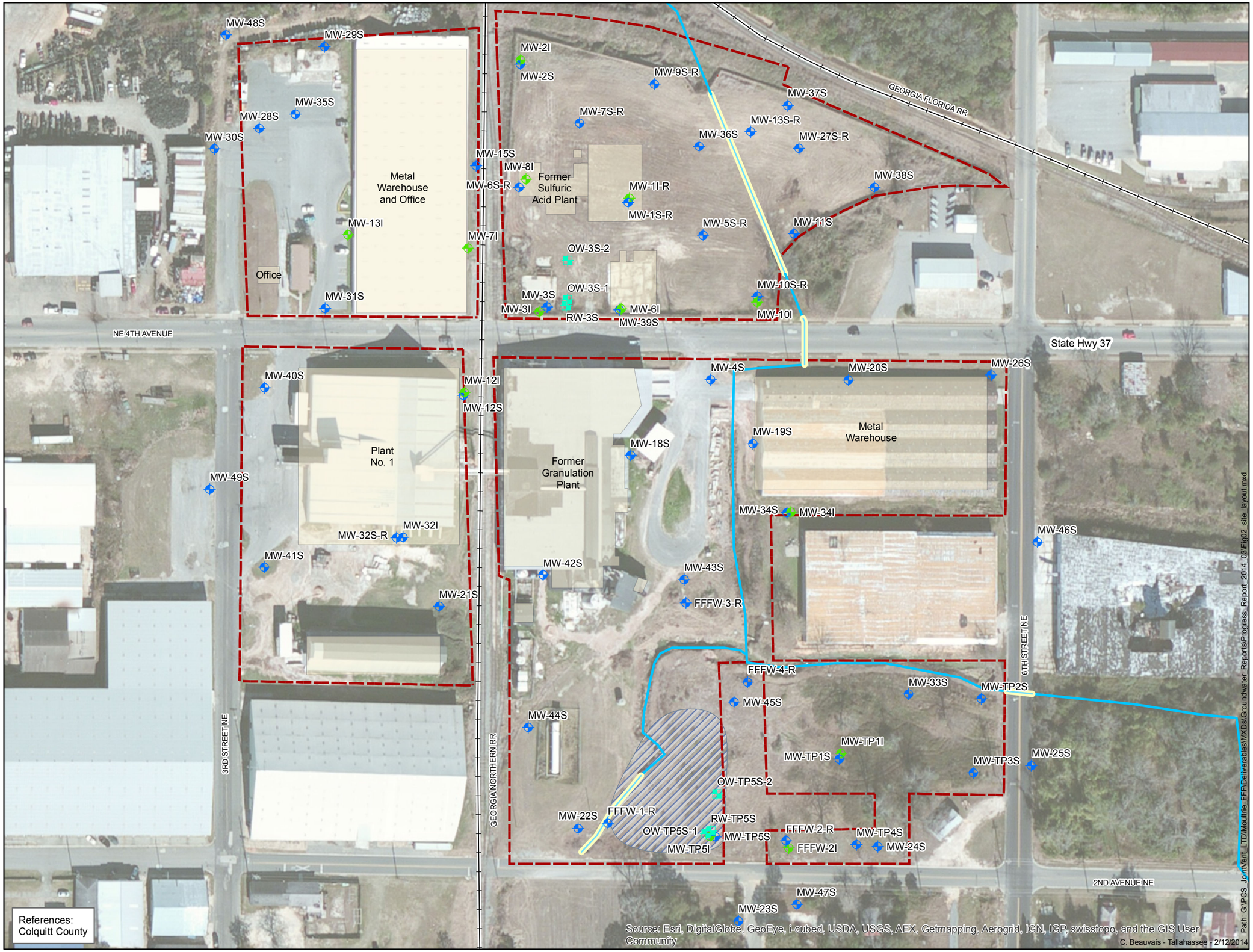
References: USGS topographic map, 7.5 minute series, Moultrie quadrangle, Colquitt County, Georgia.

N

1,000 500 0 1,000 Feet

Coordinate System: Georgia Albers, HPGN, Meters

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



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

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

Coordinate System:
NAD 1983 Stateplane Georgia West, Feet

N

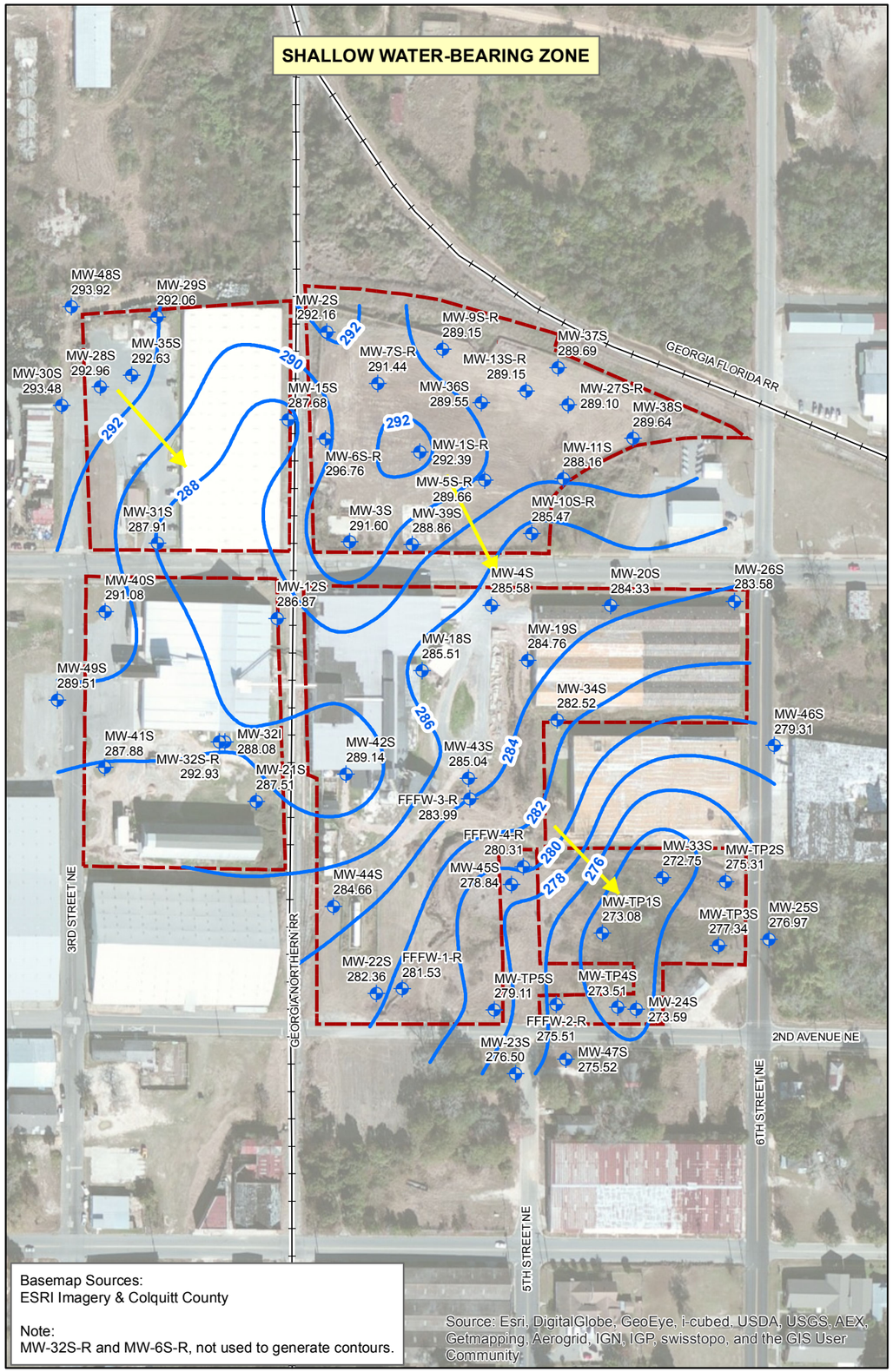
100 50 0 100 Feet

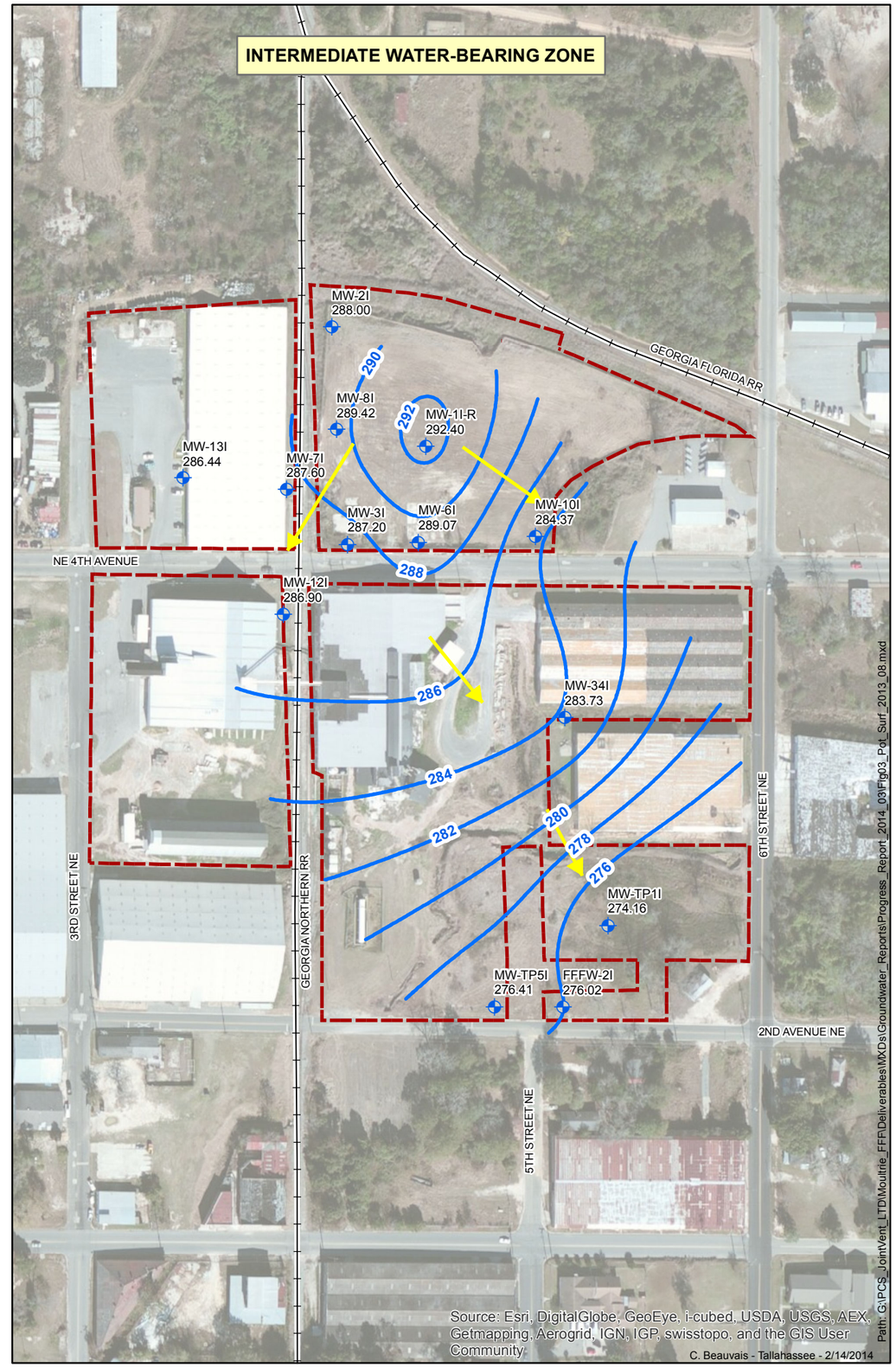
30 15 0 30 Meters

Figure
2

SITE MONITORING WELL LOCATIONS

URS
Tallahassee, Florida





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

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

Potentiometric Surface Contour (ft NAVD88)

Groundwater Flow Direction

Railroad

Approximate Site Boundary

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

Coordinate System:
NAD 1983 Stateplane Georgia West, Feet

N

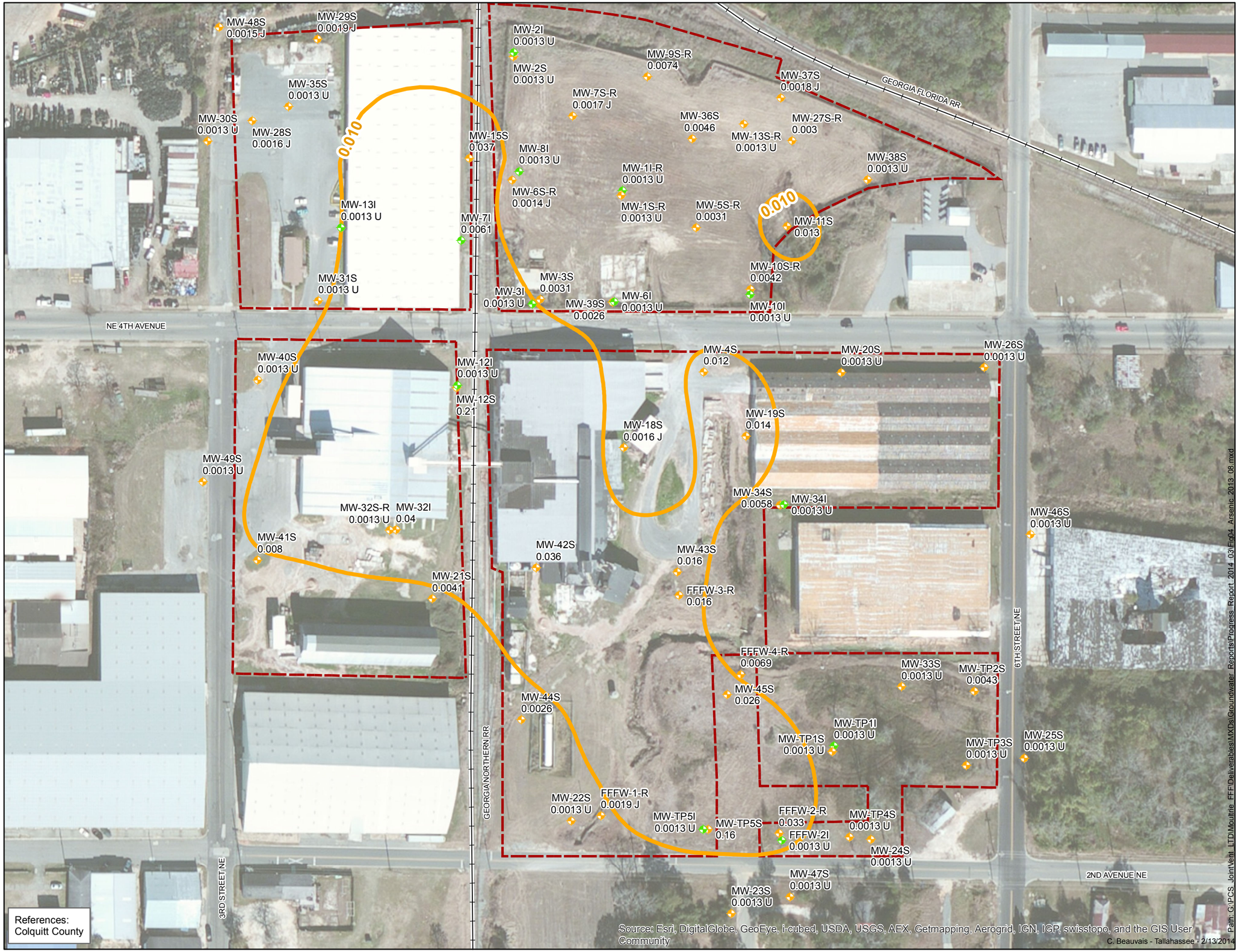
200 100 0 200 Feet

50 25 0 50 Meters

Figure
3

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

URS
Tallahassee, Florida



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

Water-Bearing Zone Wells

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

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

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

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

N

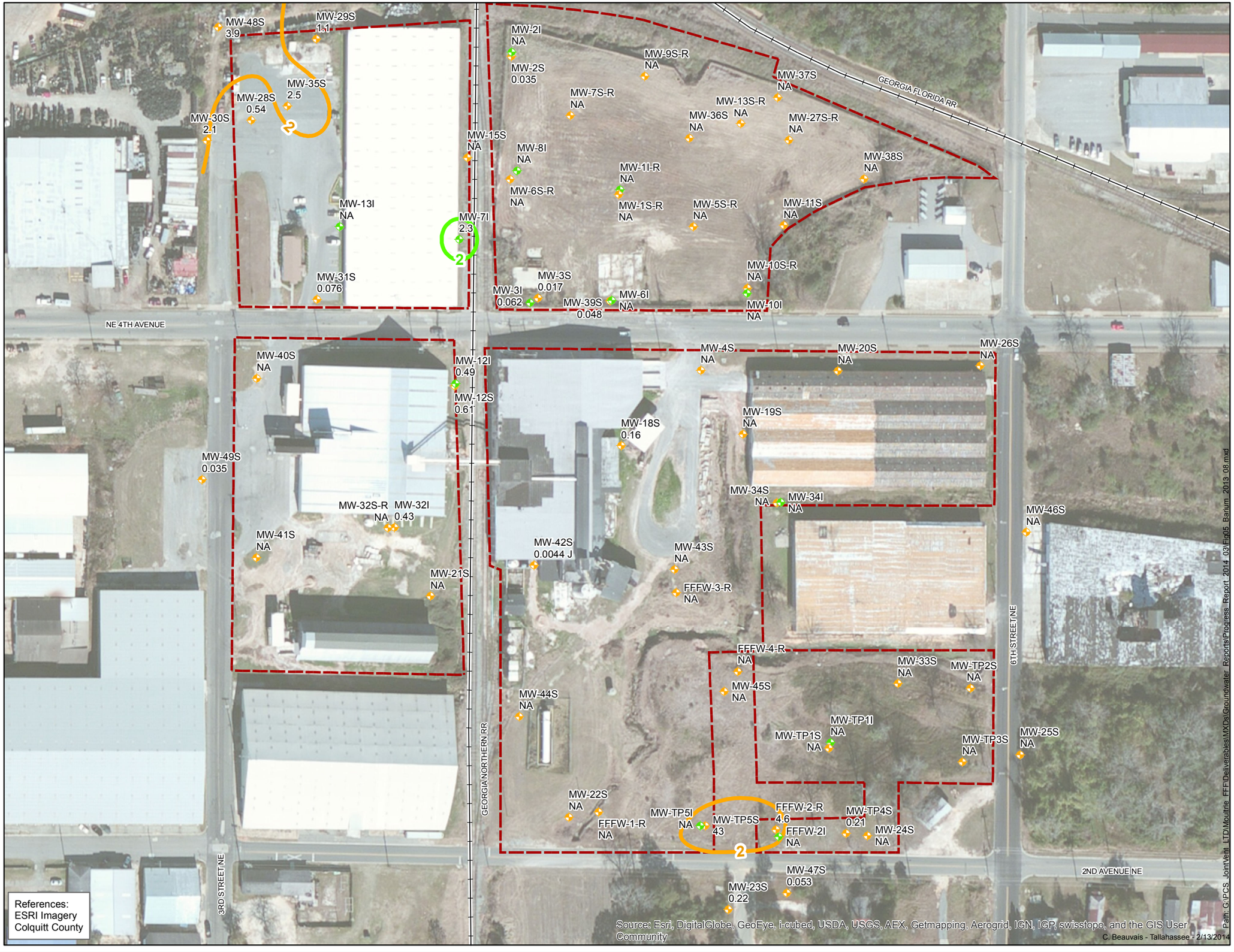
100 50 0 100 Feet

25 12.5 0 25 Meters

Figure 4

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

URS
Tallahassee, Florida



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

Water-Bearing Zone Wells

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

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

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

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

N

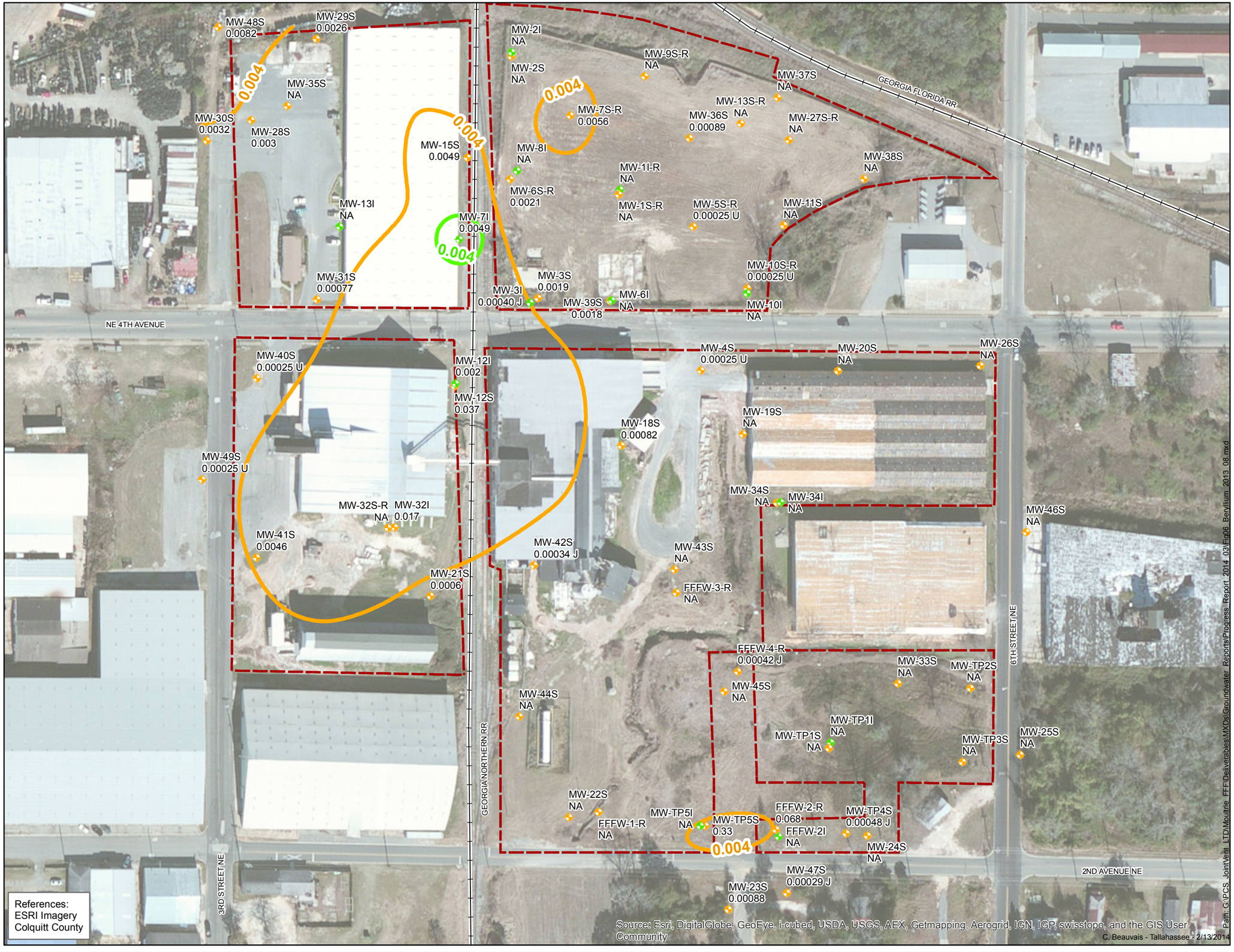
100 50 0 100 Feet

25 12.5 0 25 Meters

Figure
5

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

URS
Tallahassee, Florida



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

Water-Bearing Zone Wells

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

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

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

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

N

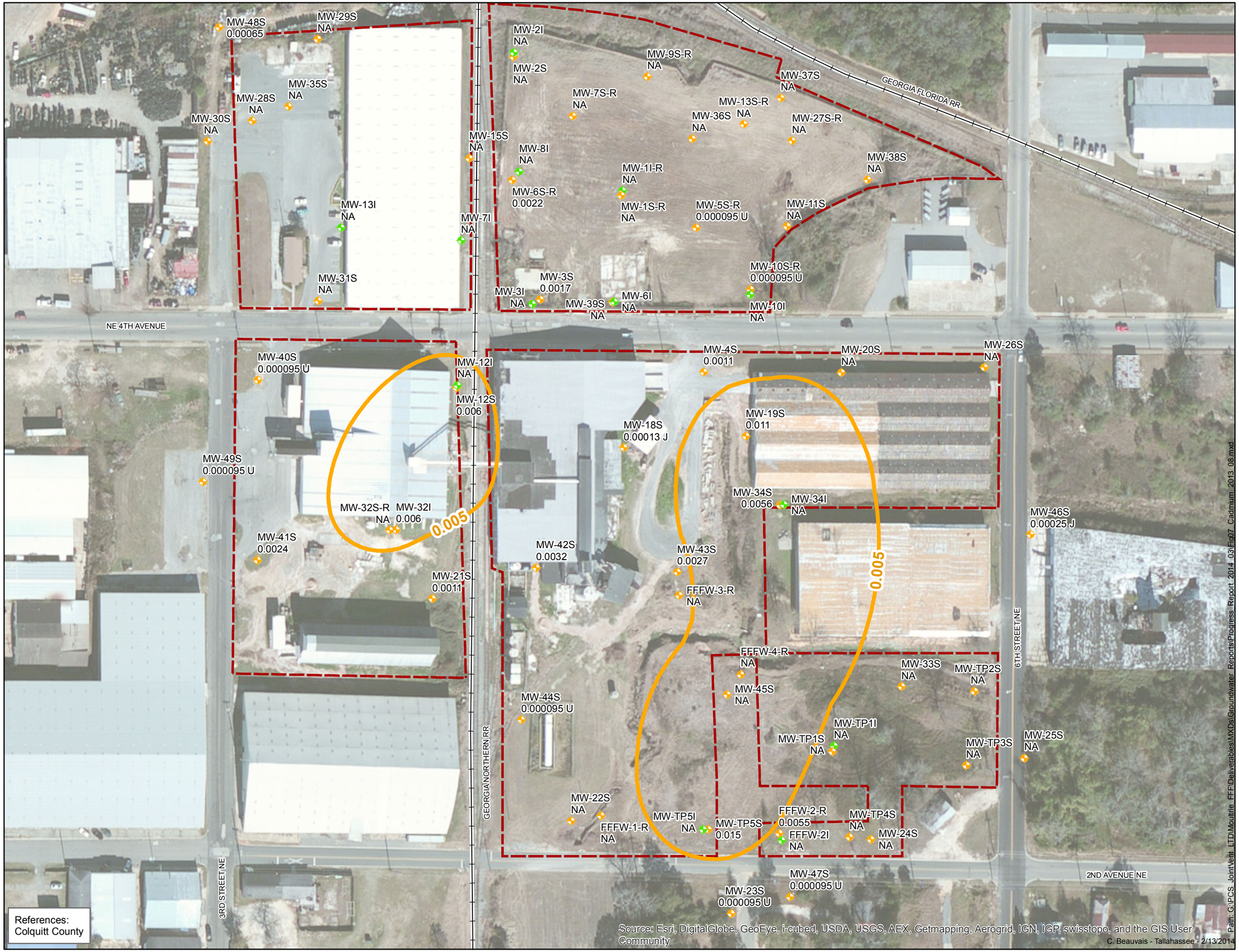
100 50 0 100 Feet

25 12.5 0 25 Meters

Figure 6

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

URS
Tallahassee, Florida



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

Water-Bearing Zone Wells

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

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

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

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

N

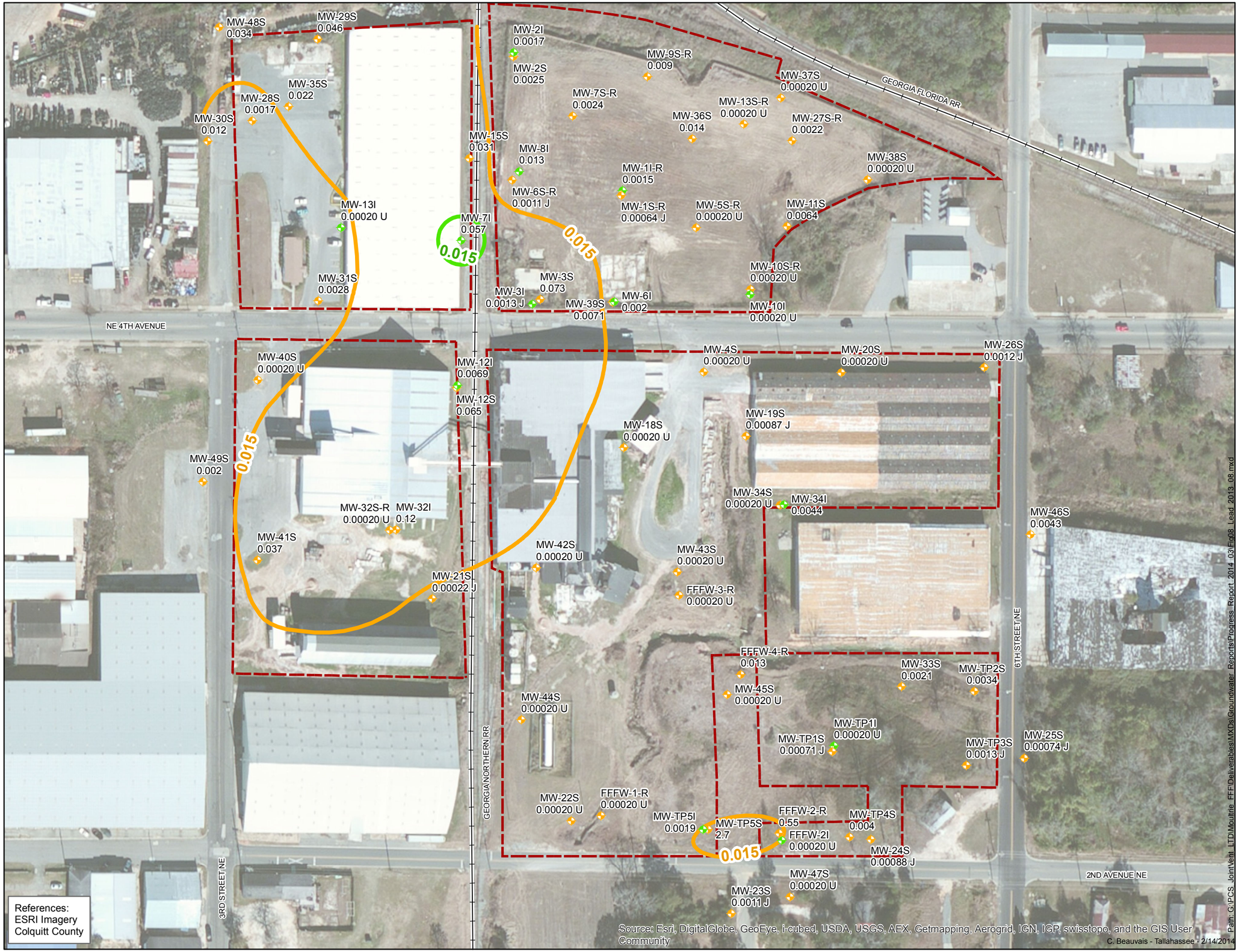
100 50 0 100 Feet

25 12.5 0 25 Meters

Figure
7

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

URS
Tallahassee, Florida



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

Water-Bearing Zone Wells

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

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

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

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

N

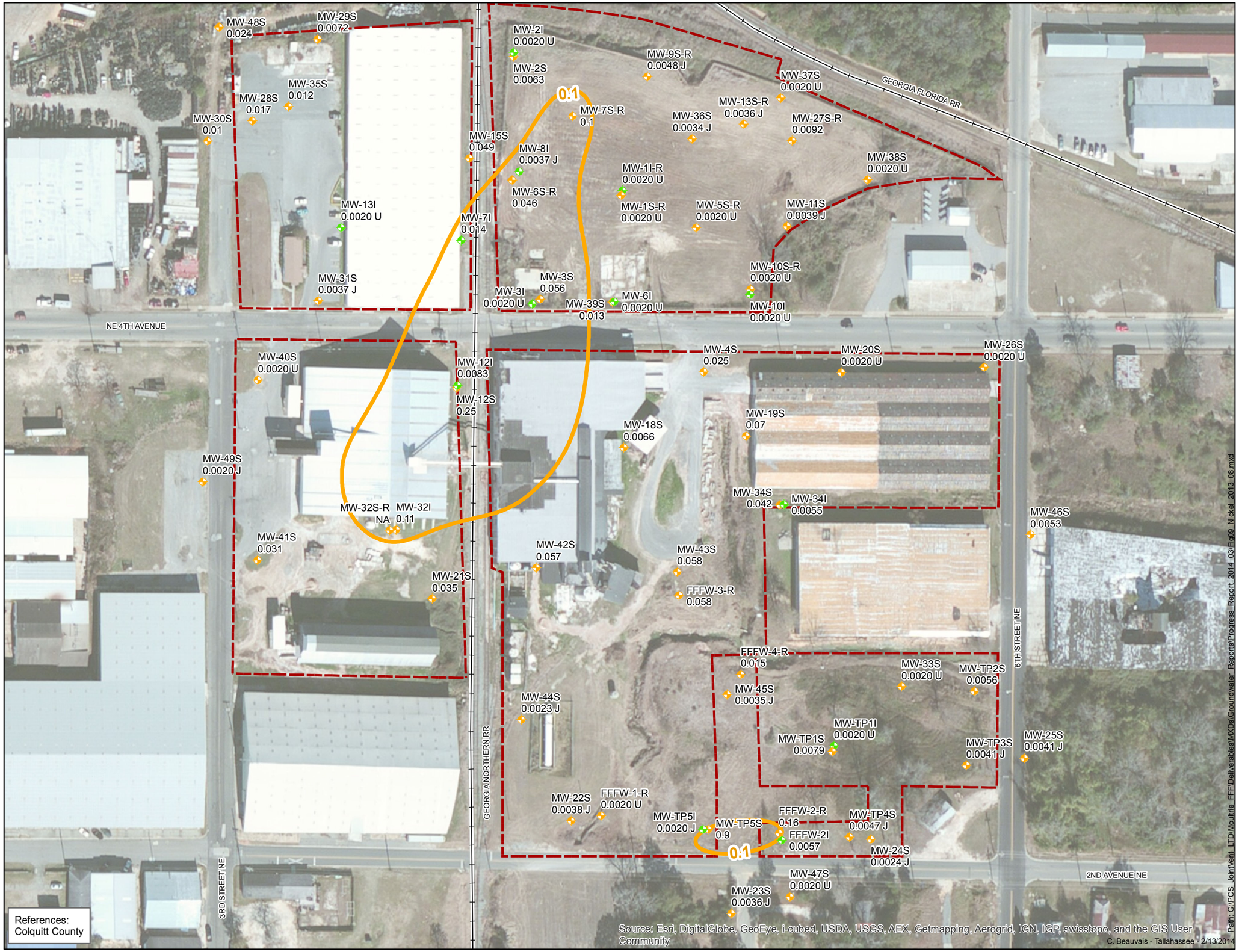
100 50 0 100 Feet

25 12.5 0 25 Meters

Figure 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

Water-Bearing Zone Wells

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

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

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

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

N

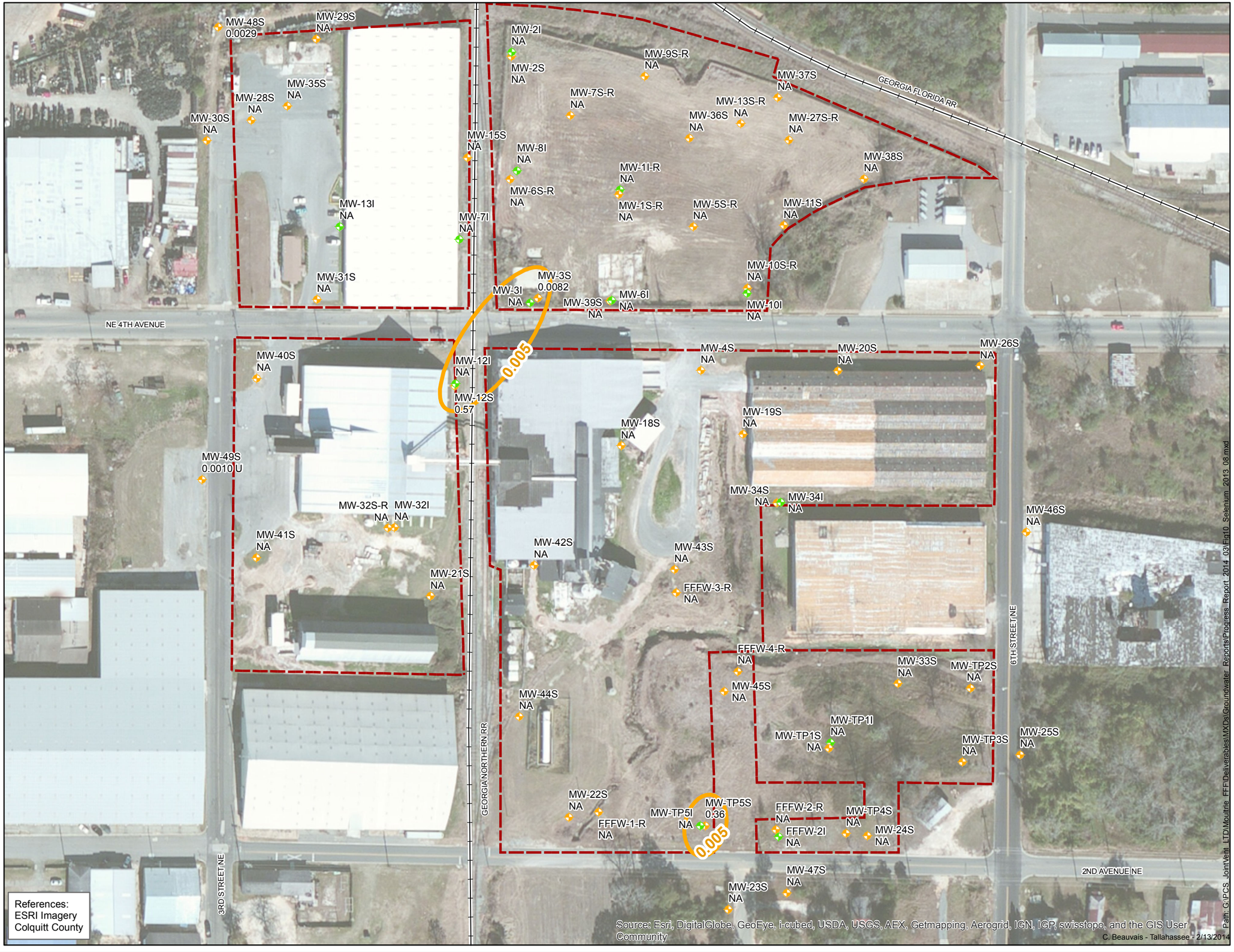
100 50 0 100 Feet

25 12.5 0 25 Meters

Figure 9

NICKEL 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

Water-Bearing Zone Wells

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

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

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

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

N

100 50 0 100 Feet

25 12.5 0 25 Meters

Figure
10

SELENIUM 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

Water-Bearing Zone Wells

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

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

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

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

N

100 50 0 100 Feet

25 12.5 0 25 Meters

Figure 11

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

URS
Tallahassee, Florida

APPENDIX A

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-1S-R	SAMPLE ID: MW-1SR	DATE: 8/21/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 3.74	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (14.53 feet – 3.74 feet) X 0.16 gallons/foot = 5.17 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 6	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6	PURGING INITIATED AT: 1328	PURGING ENDED AT: 1436	TOTAL VOLUME PURGED (gallons): 7.4

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1430	6.8	6.8	0.10	5.15	6.93	28.43	202	3.55	11.5	-31.5	clear	none
1433	0.3	7.1	0.10	5.15	6.95	28.49	202	3.57	10.2	-35.5		
1436	0.3	7.4	0.10	5.15	6.96	28.49	203	3.58	9.3	-38.2		

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: L. Grigg IURS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1437	SAMPLING ENDED AT: 1438
PUMP OR TUBING DEPTH IN WELL (feet): 6	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:
Total Depth: 14.56

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-1I-R	SAMPLE ID: MW-1I-R	DATE: 8/23/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 30 feet to 34.5 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP

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

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 35 feet) + 0.25 gallons = 0.341 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32	PURGING INITIATED AT: 1039	PURGING ENDED AT: 1101	TOTAL VOLUME PURGED (gallons): 1.8

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
1051	1.2	1.2	0.10	6.80	~~0.60~~ 4.65	22.37	141	0.60	0.60	-71.3	clear	none
1056	0.3	1.5	0.10	6.80	4.65	23.31	141	0.59	0.64	-66.1		
1101	0.3	1.8	0.10	6.80	4.64	23.25	140	0.56	0.62	-65.9		

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: L. Grigg / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1102	SAMPLING ENDED AT: 1106
PUMP OR TUBING DEPTH IN WELL (feet): ~~32~~ 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			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 37.03

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-25	SAMPLE ID: MW-25	DATE: 8/20/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 0.05	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (14.48 feet – 0.05 feet) X 0.16 gallons/foot = 6.92 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 2.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 2.0	PURGING INITIATED AT: 0845	PURGING ENDED AT: 1018	TOTAL VOLUME PURGED (gallons): 7.44

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1012	6.96	6.96	0.08	0.15	3.97	24.70	567	1.86	1.49	222.2	Clear	None
1015	0.24	7.20	0.08	0.15	3.96	24.68	564	1.85	0.74	207.2		
1018	0.24	7.44	0.08	0.15	3.96	24.58	563	1.80	0.41	200.4		

ORP

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: L. Grigg/URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1019	SAMPLING ENDED AT: 1021
PUMP OR TUBING DEPTH IN WELL (feet): 2.0	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:
Total Depth: 14.41

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-2I	SAMPLE ID: MW-2I	DATE: 8/23/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 30 feet to 35 feet	STATIC DEPTH TO WATER (feet):	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 = 0.354 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32.5	PURGING INITIATED AT: 1135	PURGING ENDED AT: 1155	TOTAL VOLUME PURGED (gallons): 1.6

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
1145	1.0	1.0	0.10	5.35	4.16	21.73	130	0.53	1.37	-1.6	clear	none
1150	0.3	1.3	0.10	5.35	4.16	21.81	131	0.53	0.96	-1.3		
1155	0.3	1.6	0.10	5.35	4.17	21.82	131	0.53	0.88	-1.0		

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: L. Grigg / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1156	SAMPLING ENDED AT: 1200
PUMP OR TUBING DEPTH IN WELL (feet): 32.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:
Total Depth: 35.22

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-3S	SAMPLE ID: MW-3S	DATE: 8/22/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 2.0	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (13.49 feet – 2.0 feet) X 0.16 gallons/foot = 5.51 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): 4.65	PURGING INITIATED AT: 0825	PURGING ENDED AT: 1003	TOTAL VOLUME PURGED (gallons): 5.88

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
0957	5.52	5.52	0.06	3.70	3.91	25.95	1071	7.84	3.30	182.1	clear	none
1000	0.18	5.7	0.06	3.70	3.95	26.00	1067	7.85	2.60	181.1	"	"
1003	0.18	5.88	0.06	3.70	3.99	26.06	1061	7.85	2.82	176.1		

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: L. Grigg / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1005	SAMPLING ENDED AT: 1006
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			
MW-3S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 13.47

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-3I	SAMPLE ID: MW3I	DATE: 8/28/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 35 feet to 40 feet	STATIC DEPTH TO WATER (feet): 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)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 45 feet) + 0.25 gallons = 0.367 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 37.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 37.5	PURGING INITIATED AT: 1115	PURGING ENDED AT: 1145	TOTAL VOLUME PURGED (gallons): 3.0

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 mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1135	2.0	2.0	0.10	6.91	5.25	24.02	318	0.43	1.56	-96.1	Clear	none
1140	0.5	2.5	0.10	6.91	5.24	23.91	317	0.44	1.40	-95.3	"	"
1145	0.5	3.0	0.10	6.91	5.24	23.89	317	0.43	1.36	-96.1		

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: L. Grigg / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1147	SAMPLING ENDED AT: 1150
PUMP OR TUBING DEPTH IN WELL (feet): 37.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:
Total Depth: 39.73

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-4s	SAMPLE ID: MW-4s	DATE: 8/28/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 1.85	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (11.65 feet – 1.85 feet) X 0.16 gallons/foot = 1.57 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11	PURGING INITIATED AT: 1210	PURGING ENDED AT: 1403	TOTAL VOLUME PURGED (gallons): 5.24

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 (S/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1357	5.0	5.0	0.04	10.20	5.91	30.53	2554	0.34	2.24	174.7	Clear	Slight
1400	0.12	5.12	↓	10.28	5.88	30.67	2382	0.33	2.25	173.2	↓	↓
1403	0.12	5.24	↓	10.35	5.87	30.93	2337	0.34	2.22	172.8	↓	↓

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: B. McKee / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1406	SAMPLING ENDED AT: 1408
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	-----	-----	6020	APP	

REMARKS:
Total Depth: 11.78 ft

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-5S-R	SAMPLE ID: MW-5SR	DATE: 8/21/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 3.89	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (16.47 feet – 3.89 feet) X 0.16 gallons/foot = 6.03 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): 6	PURGING INITIATED AT: 1309	PURGING ENDED AT: 1416	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
1410	6.2	6.2	0.10	5.06	7.02	27.36	442	0.33	0.75	-50.3	clear	none
1413	0.3	6.5	0.10	5.06	7.02	27.42	444	0.31	0.96	-50.9	"	"
1416	0.3	6.8	0.10	5.06	7.02	27.38	445	0.30	0.85	-53.4		

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: L. Grigg / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1417	SAMPLING ENDED AT: 1418
PUMP OR TUBING DEPTH IN WELL (feet): 6	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:
Total Depth: 16.49

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-65-R	SAMPLE ID: MW-65-R	DATE: 8/22/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 3.56	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (17.01 feet – 3.56 feet) X 0.16 gallons/foot = 6.45 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: 0810	PURGING ENDED AT: 1122	TOTAL VOLUME PURGED (gallons): 6.84

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
1116	0.48	6.48	0.06	4.58	3.78	27.15	1420	0.24	0.61	269.4	clear	none
1119	0.18	6.66	0.06	4.58	3.80	27.21	1413	0.24	0.48	269.8		
1122	0.18	6.84	0.06	4.58	3.81	27.26	1410	0.24	0.48	270.2		

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: L. Grigg / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1123	SAMPLING ENDED AT: 1125
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)	

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

REMARKS:
Total Depth: 16.75 / 0855 battery on pump died. Begin purging at 10:13 to finish 3 well volumes

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-6I	SAMPLE ID: MW-6I	DATE: 8/23/12

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 29 feet to 33 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP

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

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 35 feet) + 0.25 gallons = 0.341 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30	PURGING INITIATED AT: 1220	PURGING ENDED AT: 1240	TOTAL VOLUME PURGED (gallons): 1.0

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
1230	0.4 ~~0.34~~	0.4	0.10	5.83	6.33	23.84	1034	1.91	4.46	-47.6	clear	none
1235	0.3	0.7	0.10	5.83	6.32	23.83	1031	1.90	3.60	-47.7		
1240	0.3	1.0	0.10	5.83	6.32	23.79	1029	1.90	2.84	-47.1		
	~~0.3~~											

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: L. Grigg/UKS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1241	SAMPLING ENDED AT: 1246
PUMP OR TUBING DEPTH IN WELL (feet): 30	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:
Total Depth: 33.44

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-75R	SAMPLE ID: MW-75R	DATE: 8/20/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 4.70	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (16.93 feet – 4.70 feet) X 0.16 gallons/foot = 5.87 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7	PURGING INITIATED AT: 0815	PURGING ENDED AT: 0935	TOTAL VOLUME PURGED (gallons): 6.40

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
0929	5.92	5.92	0.08	6.80	3.25	26.35	2408	0.21	15.9	365.1	clear	none
0932	0.24	6.16	0.08	6.80	3.26	26.34	2417	0.22	17.8	366.4	|	|
0935	0.24	6.40	0.08	6.80	3.24	26.34	2427	0.21	17.0	366.8		

ORP 365.1

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: L. Griga / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 0937	SAMPLING ENDED AT: 0939
PUMP OR TUBING DEPTH IN WELL (feet): 7	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-75R	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 14.09

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-7I	SAMPLE ID: MW-7I	DATE: 8/27/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 39.5 feet to 49.5 feet	STATIC DEPTH TO WATER (feet): 7.66	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = ~~0.155~~ gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 50 feet) + 0.025 gallons = 0.155 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 44.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 44.5	PURGING INITIATED AT: 1025	PURGING ENDED AT: 1050	TOTAL VOLUME PURGED (gallons): 3.3

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
1040	2.3	2.3	0.10	9.10	5.29	22.22	743	1.10	9.66	38.6	clear	none
1045	0.5	2.8	0.10	9.10	5.27	22.17	744	1.08	4.22	39.7		
1050	0.5	3.3	0.10	9.10	5.26	22.16	744	1.02	3.95	39.2		

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: L. Grigg / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1052	SAMPLING ENDED AT: 1056
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	-----	-----	6020	APP	100

REMARKS:
Total Depth: 49.77

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-8I	SAMPLE ID: MW-8I	DATE: 8/22/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 30 feet to 35 feet	STATIC DEPTH TO WATER (feet): 10.52	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)
= (feet – feet) X gallons/foot = gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32.5	PURGING INITIATED AT: 1250	PURGING ENDED AT: 1310	TOTAL VOLUME PURGED (gallons): 1.28

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1300	0.8	0.8	0.08	10.55	4.61	22.38	269	0.46	0.56	-24.9	clear	none
1305	0.24	1.04	0.08	10.55	4.61	22.38	269	0.42	0.60	-28.7	|	|
1310	0.24	1.28	0.08	10.55	4.62	22.44	271	0.39	0.59	-36.1	|	|

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: L. Grigg/URS	SAMPLER(S) SIGNATURE(S): Jogan Ali	SAMPLING INITIATED AT: 1312	SAMPLING ENDED AT: 1313
PUMP OR TUBING DEPTH IN WELL (feet): 32.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:
Total Depth: 37.82

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-9SR	SAMPLE ID: MW-9SR	DATE: 8/20/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 4 feet to 15 feet	STATIC DEPTH TO WATER (feet): 4.04	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)
= (17.71 feet – 4.04 feet) X 0.16 gallons/foot = 6.56 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 6	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6	PURGING INITIATED AT: 1040	PURGING ENDED AT: 1152	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
1146	6.6	6.6	0.~~010~~ 10.66	4.80	5.62	25.37	608	0.19	0.74	-19.0	clear	none
1149	0.3	6.9	0.10	4.80	5.60	25.47	608	0.18	0.67	-15.3		
1152	0.3	7.2	0.10	4.80	5.60	25.56	610	0.18	0.70	-17.7		

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: L. Grigg / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1154	SAMPLING ENDED AT: 1156
PUMP OR TUBING DEPTH IN WELL (feet): 6	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:
Total Depth: 16.72

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-10S-R	SAMPLE ID: MW-10S-R	DATE: 8/21/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 4.86	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (16.52 feet – 4.86 feet) X 0.16 gallons/foot = 5.59 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7	PURGING INITIATED AT: 1030	PURGING ENDED AT: 1146	TOTAL VOLUME PURGED (gallons): 6.08

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
1140	5.6	5.6	0.08	6.62	6.61	24.78	322	0.26	1.89	-32.1	clear	none
1143	0.24	5.84	0.08	6.62	6.61	24.76	322	0.25	1.72	-34.8	"	"
1146	0.24	6.08	0.08	6.62	6.61	24.75	322	0.25	1.80	-35.5		

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: L. Grigg / URS	SAMPLER(S) SIGNATURE(S): Logan Grigg	SAMPLING INITIATED AT: 1148	SAMPLING ENDED AT: 1149
PUMP OR TUBING DEPTH IN WELL (feet): 7	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:
Total Depth: 16.52

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

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

WELL NO: MW-10I	SAMPLE ID: MW-10I	DATE: 8/23/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 35 feet to 40 feet	STATIC DEPTH TO WATER (feet): 5.05	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 = 0.354 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 40	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 40	PURGING INITIATED AT: 0945	PURGING ENDED AT: 1005	TOTAL VOLUME PURGED (gallons): 1.6

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
0955	1.0	1.0	0.10	7.04	5.95	22.23	86	0.54	1.15	-109.7	clear	none
1000	0.3	1.3	0.10	7.04	5.91	22.24	85	0.55	1.68	-122.0		
1005	0.3	1.6	0.10	7.04	5.88	22.22	85	0.55	1.87	-136.9		

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: L. Grigg / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1007	SAMPLING ENDED AT: 1012

PUMP OR TUBING DEPTH IN WELL (feet): 40	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm

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

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

REMARKS:
Total Depth: 41.96

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-11S	SAMPLE ID: MW-11S	DATE: 8/21/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 2.90	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)
= (13.08 feet – 2.90 feet) X 0.16 gallons/foot = 4.88 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5	PURGING INITIATED AT: 1010	PURGING ENDED AT: 1106	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
1100	5.0	5.0	0.10	2.95	7.25	24.18	810	0.27	1.68	-72.3	clear	none
1103	0.3	5.3	0.10	2.95	7.25	24.17	811	0.26	1.60	-72.5		
1106	0.3	5.6	0.10	2.95	7.25	24.16	811	0.25	1.71	-72.5		

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: L. Grigg / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1108	SAMPLING ENDED AT: 1110
PUMP OR TUBING DEPTH IN WELL (feet): 5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:
Total Depth: 13.12

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-12s	SAMPLE ID: MW-12s	DATE: 8/20/2013

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 15 feet to 25 feet	STATIC DEPTH TO WATER (feet): 8.64	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (24.94 feet – 8.64 feet) X 0.16 gallons/foot = 2.61 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) + ~~0.15~~ gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13	PURGING INITIATED AT: 1051	PURGING ENDED AT: 1212	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
1206	8.00	8.30	~~10~~ 0.1	12.86	3.60	23.12	8864	0.15	10.1	238.0	↑	↑
1209	0.3	8.30	↓	12.84	3.61	23.09	8823	0.14	10.0	336.5		
1212	0.3	8.60	↓	12.85	3.55	23.06	8752	0.13	4.18	235.0	clear	SH odor

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: E. Mann, B. Miller / HRS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1213	SAMPLING ENDED AT: 1214
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	-----	-----	6020	APP	500

REMARKS:
Total Depth: 24.96

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

BM

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: 8/20/2013

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 33.5 feet to 38 feet	STATIC DEPTH TO WATER (feet): ~~8.64~~ 8.58	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)
= (feet – ~~8.64~~ 8.58 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) + 0.15 gallons = 0.25 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 36	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 36	PURGING INITIATED AT: 1100	PURGING ENDED AT: 1117	TOTAL VOLUME PURGED (gallons): 1.7

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1107	0.7	0.7	0.1	8.76	4.68	22.93	400	0.43	4.06	138.2	Clear	none
1112	0.5	1.2	↓	8.76	4.64	22.98	395	0.25	3.18	147.8	↓	↓
1117	0.5	1.7	↓	8.77	4.60	22.97	395	0.25	2.64	155.5	↓	↓

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: E. Mann / B. Mckenzie / MRS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1118	SAMPLING ENDED AT: 1119
PUMP OR TUBING DEPTH IN WELL (feet): 36	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	6020	APP	~~500~~ 250

REMARKS:
Total Depth: 38.59

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-13-SR	SAMPLE ID: MW-13-SR	DATE: 8/20/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 3.18	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (17.12 feet – 3.18 feet) X 0.16 gallons/foot = 6.69 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5.5	PURGING INITIATED AT: 1330	PURGING ENDED AT: 1437	TOTAL VOLUME PURGED (gallons): 7.37

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
1431	6.71	6.71	0.11	3.95	5.85	23.11	635	0.22	0.46	-51.4	clear	none
1434	0.33	7.04	0.11	3.95	5.85	23.17	634	0.22	0.46	-54.9		
1437	0.33	7.37	0.11	3.95	5.86	23.18	634	0.21	0.47	-59.6		

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: L. Grigg / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1438	SAMPLING ENDED AT: 1439

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			
MW-13-SR	1	PE	250 mL	HNO_3	-----	-----	6020	APP	250

REMARKS:
Total Depth: 16.87

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-13I	SAMPLE ID: MW-13I	DATE: 8/20/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 12.81	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (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 = 0.30 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 49	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 49	PURGING INITIATED AT: 1628	PURGING ENDED AT: 1648	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 mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1638	1.0	1.0	0.1	1326	6.51	24.01	134	0.22	4.26	110.5	Clear	NO
1643	0.5	1.5	0.1	1327	6.53	24.07	135	0.17	3.64	105.6	↓	↓
1648	0.5	2.0	0.1	1329	6.57	24.09	133	0.17	3.40	104.0	↓	↓

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: E. Mann, B. McKee / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1649	SAMPLING ENDED AT: 1650
PUMP OR TUBING DEPTH IN WELL (feet): 49	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:
Total Depth: 53.87

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-15S	SAMPLE ID: MW-15S	DATE: 8/27/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 10 feet to 20 feet	STATIC DEPTH TO WATER (feet): 7.89	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (20.00 feet – 7.89 feet) X 0.16 gallons/foot = 5.81 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10	PURGING INITIATED AT: 0935	PURGING ENDED AT: 0954	TOTAL VOLUME PURGED (gallons): 6.32

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
0948	5.84	5.84	0.08	8.36	3.59	22.14	1684	0.27	0.52	348.6	clear	none
0951 ~~0953~~	0.24	6.08	0.08	8.36	3.61	22.18	1686	0.26	0.47	343.2	"	"
0954 ~~0956~~	0.24	6.32	0.08	8.36	3.62	22.21	1683	0.26	0.58	341.1		

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: L. Grigg / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 0956	SAMPLING ENDED AT: 1000
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	-----	-----	6020	APP	100

REMARKS:
Total Depth: 19.80

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-18s	SAMPLE ID: MW-18s	DATE: 8/28/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 3 feet to 13 feet	STATIC DEPTH TO WATER (feet): 0.31	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (12.77 feet – 0.31 feet) X 0.16 gallons/foot = 2.00 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 3	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 3	PURGING INITIATED AT: 1527	PURGING ENDED AT: 1615	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
1609	6.30	6.30	0.15	1.71	5.22	23.46	481	0.16	4.23	73.8	Clear	Slight
1612	0.45	6.75	0.15	1.71	5.21	23.41	477	0.16	4.27	79.8	↓	↓
1615	0.45	7.20	0.15	1.71	5.19	23.39	473	0.17	4.11	84.5	↓	↓

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: Eric Mann / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1616	SAMPLING ENDED AT: 1617
PUMP OR TUBING DEPTH IN WELL (feet): 3	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:
Total Depth: 12.83

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-19s	SAMPLE ID: MW-19S	DATE: 8/29/2013

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 3 feet to 13 feet	STATIC DEPTH TO WATER (feet): 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)
= (16.45 feet – 3.69 feet) X 0.16 gallons/foot = 2.04 x3 = 6.12 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: 1108	PURGING ENDED AT: 1221	TOTAL VOLUME PURGED (gallons): 6.79

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
1216	6.25	6.25	0.09	8.67	4.33	25.29	3890	0.24	2.55	188.2	Clear	Slight
1219	0.27	6.52	↓	8.85	4.34	25.29	3939	0.24	3.44	188.8	↓	↓
1221	0.27	6.79	↓	8.89	4.34	25.24	3967	0.24	3.02	189.1	↓	↓

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: B. Miller / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1223	SAMPLING ENDED AT: 1224
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	-----	-----	6020	APP	250

REMARKS:
Total Depth: 16.71 ft

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

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: 8/28/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 5 feet to 15 feet	STATIC DEPTH TO WATER (feet): 0.5	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (14.76 feet – 0.5 feet) X 0.16 gallons/foot = 2.28 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 6	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6	PURGING INITIATED AT: 1524	PURGING ENDED AT: 1631	TOTAL VOLUME PURGED (gallons): 8.22

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
1625	7.5	7.5	0.12	4.35	6.29	26.35	355	0.09	2.43	-53.8	Clear	Slight
1628	0.36	7.86	↓	4.35	6.30	26.38	356	0.09	2.23	-55.6	↓	↓
1631	0.36	8.22	↓	4.35	6.31	26.41	356	0.09	2.19	-56.9	↓	↓

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: B. McKee / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1632	SAMPLING ENDED AT: 1633

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	-----	-----	6020	APP	

REMARKS:
Total Depth: 14.86 ft.

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-21s	SAMPLE ID: MW-21s	DATE: 8/27/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 5 feet to 20 feet	STATIC DEPTH TO WATER (feet): 1.89	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (19.41 feet – 1.89 feet) X 0.16 gallons/foot = 2.81 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10	PURGING INITIATED AT: 0750	PURGING ENDED AT: 0926	TOTAL VOLUME PURGED (gallons): 9.6

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
0920	9.0	9.0	0.1	9.07	6.53	22.28	4236	0.99	6.53	75.1	Clear	Slight
0923	0.3	9.3	0.1	9.07	6.52	22.28	4255	1.01	6.38	48.2	↓	↓
0926	0.3	9.6	0.1	9.07	6.51	22.29	4266	1.04	6.11	31.2	↓	↓

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: Eric Mann / LRS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 0927	SAMPLING ENDED AT: 0928
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	-----	-----	6020	APP	250

REMARKS:
Total Depth: 19.43

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

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

WELL NO: MW-22s	SAMPLE ID: MW-22s	DATE: 8/28/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 6.5 feet to 16.5 feet	STATIC DEPTH TO WATER (feet): 1.67	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (15.25 feet – 1.67 feet) X 0.16 gallons/foot = 2.18 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10	PURGING INITIATED AT: 1218	PURGING ENDED AT: 1331	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)	Sp COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1325	6.7	6.7	0.1	9.41	6.52	26.27	308	0.55	6.94	5.5	Clear	NO
1328	0.3	7.0	0.1	9.42	6.48	26.28	301	0.52	6.65	8.6	↓	↓
1331	0.3	7.3	0.1	9.42	6.45	26.31	294	0.51	5.32	10.1	↓	↓

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: Eric Mann / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1332	SAMPLING ENDED AT: 1333

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	-----	-----	6020	APP	250

REMARKS:
Total Depth: 15.31

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-23s	SAMPLE ID: MW-23s	DATE: 8/22/2013

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 22.5 feet to 32.5 feet	STATIC DEPTH TO WATER (feet): 12.63	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (31.38 feet – 12.63 feet) X 0.16 gallons/foot = 3.0 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): 23	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 18.5	PURGING INITIATED AT: 0955	PURGING ENDED AT: 1059	TOTAL VOLUME PURGED (gallons): 10.26

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
1053	9.3	9.3	0.16	17.16	5.03	22.12	131	1.61	5.36	222.1	clear	none
1056	0.48	9.78	↓	17.19	5.02	22.11	131	1.60	4.55	223.2	↓	↓
1059	0.48	10.26	↓	17.22	5.00	22.12	131	1.63	4.15	224.5	↓	↓

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: Eric Mann / GRS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1100	SAMPLING ENDED AT: 1101
PUMP OR TUBING DEPTH IN WELL (feet): 18.5	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	-----	-----	6020	APP	250

REMARKS:
Total Depth: 31.37

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-24s	SAMPLE ID: MM-24s	DATE: 8/21/2013

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 20.75 feet to 30.75 feet	STATIC DEPTH TO WATER (feet): 12.44	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (29.64 feet – 12.44 feet) X 0.16 gallons/foot = 2.76 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14	PURGING INITIATED AT: 1326	PURGING ENDED AT: 1457	TOTAL VOLUME PURGED (gallons): 9.1

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
1451	8.5	8.5	0.1	12.93	5.67	23.74	93	4.37	3.76	148.0	Clear	none
1454	0.3	8.8	↓	12.93	5.62	23.67	93	4.34	4.04	147.1	↓	↓
1457	0.3	9.1	↓	12.93	5.61	23.77	93	4.35	3.87	146.6	↓	↓

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: E. Mann + B. McLee / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1458	SAMPLING ENDED AT: 1459
PUMP OR TUBING DEPTH IN WELL (feet): 14	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:
Total Depth: 29.64

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-25s	SAMPLE ID: MW-25s	DATE: 8/27/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 5.25 feet to 15.25 feet	STATIC DEPTH TO WATER (feet): 4.06	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (14.18 feet – 4.06 feet) X 0.16 gallons/foot = 1.62 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5	PURGING INITIATED AT: 1107	PURGING ENDED AT: 1216	TOTAL VOLUME PURGED (gallons): 5.52

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
1210	5.04	5.04	0.8	4.69	4.90	26.20	209	0.64	5.99	150.9	Clear	No
1213	0.24	5.28	0.8	4.69	4.88	26.21	210	0.62	5.82	152.5	↓	↓
1216	0.24	5.52	0.8	4.69	4.88	26.25	211	0.57	5.87	154.1	↓	↓

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: Eric Mann / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1217	SAMPLING ENDED AT: 1218
PUMP OR TUBING DEPTH IN WELL (feet): 5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:
Total Depth: 14.35

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-26S	SAMPLE ID: MW-26S	DATE: 8/28/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 5 feet to 20 feet	STATIC DEPTH TO WATER (feet): 7.98	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)
= (19.53 feet – 7.98 feet) X 0.16 gallons/foot = 1.85 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 = ~~[illegible]~~ gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10	PURGING INITIATED AT: 0800	PURGING ENDED AT: 0906	TOTAL VOLUME PURGED (gallons): 6.6

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
0900	6.0	6.0	0.1	9.00	6.25	23.92	170	2.71	5.57	180.2	Clear	NO
0903	0.3	6.3	0.1	9.00	6.26	23.91	172	2.82	5.70	179.8	↓	↓
0906	0.3	6.6	0.1	9.00	6.26	23.91	173	2.79	5.79	179.7	↓	↓

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: Eric Mann / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 0907	SAMPLING ENDED AT: 0908
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	-----	-----	6020	APP	250

REMARKS:
Total Depth: 19.55

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-275-R	SAMPLE ID: MW-275-R	DATE: 8/20/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 2.98	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)
= (17.94 feet – 2.98 feet) X 0.16 gallons/foot = 7.18 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: 1545	PURGING ENDED AT: 1703	TOTAL VOLUME PURGED (gallons): 7.8

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1657	7.2	7.2	0.10	3.30	6.51	26.42	841	0.13	2.14	-116.3	clear	none
1700	0.3	7.5	0.10	3.30	6.50	26.35	843	0.13	2.11	-114.2		
1703	0.3	7.8	0.10	3.30	6.50	26.33	843	0.13	2.08	-114.6		

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: L. Grigg / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1705	SAMPLING ENDED AT: 1707

PUMP OR TUBING DEPTH IN WELL (feet): 5
TUBING MATERIAL CODE: PE
FIELD-FILTERED: Y (N)
Filtration Equipment Type:
FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N (replaced))
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-275-R	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 16.95

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-28S	SAMPLE ID: MW-28S	DATE: 8/27/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 16 feet to 26 feet	STATIC DEPTH TO WATER (feet): 8.65	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)
= (23.50 feet – 8.65 feet) X 0.16 gallons/foot = 7.128 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: 1450	PURGING ENDED AT: 1626	TOTAL VOLUME PURGED (gallons): 7.68

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
1620	7.2	7.2	0.08	10.32	5.27	26.97	1590	0.64	4.26	5.0	clear	none
1623	0.24	7.44	0.08	10.32	5.27	26.89	1592	0.62	3.97	4.6	"	"
1626	0.24	7.68	0.08	10.32	5.25	26.90	1594	0.62	3.64	5.0	"	"

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: L.Grigg/UKS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1627	SAMPLING ENDED AT: 1629
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	-----	-----	6020	APP	100

REMARKS:
Total Depth: 23.56

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-29S	SAMPLE ID: MW-29S	DATE: 8/28/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 19 feet to 29 feet	STATIC DEPTH TO WATER (feet): 8.40	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)
= (29.36 feet – 8.40 feet) X 0.16 gallons/foot = 10.06 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): 11	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11	PURGING INITIATED AT: 1520	PURGING ENDED AT: 1532	TOTAL VOLUME PURGED (gallons): 11.28

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1526	10.8	10.8	0.08	8.65	4.66	29.13	1294	0.19	2.36	46.7	clear	none
1529	0.24	11.04	0.08	8.65	4.64	29.17	1296	0.19	3.51	47.4	"	"
1532	0.24	11.28	0.08	8.65	4.64	29.17	1302	0.20	3.07	39.2		

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: L. Grigg / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1533	SAMPLING ENDED AT: 1536
PUMP OR TUBING DEPTH IN WELL (feet): 11	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:
Total Depth: 29.31

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-30S	SAMPLE ID: MW-30S	DATE: 8/22/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 18.5 feet to 38.5 feet	STATIC DEPTH TO WATER (feet): 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)
= (39.15 feet – 8.80 feet) X 0.16 gallons/foot = 14.56 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11	PURGING INITIATED AT: 1340	PURGING ENDED AT: 1612	TOTAL VOLUME PURGED (gallons): 15.2

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
1606	14.6	14.6	0.10	8.99	4.43	25.15	642	3.45	0.46	113.6	clear	none
1609	0.3	14.9	0.10	8.99	4.43	25.18	645	3.46	0.54	115.3		
1612	0.3	15.2	0.10	8.99	4.43	25.22	645	3.46	0.58	115.9		

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: L. Grigg/URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1613	SAMPLING ENDED AT: 1614 *
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			
MW-30S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 38.97

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-31S	SAMPLE ID: MW-31S	DATE: 8/28/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 19.5 feet to 39.5 feet	STATIC DEPTH TO WATER (feet): 9.80	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)
= (40.66 feet – 9.80 feet) X 0.16 gallons/foot = 4.93 x3 = 14.81 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~~12~~ 35	PURGING INITIATED AT: 0925	PURGING ENDED AT: 1238	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
1232	14.88	14.88	0.08	26.34	4.77	27.37	150	3.54	5.76	11.4	clear	none
1235	0.24	15.12	0.08	26.34	4.77	27.42	150	3.58	5.63	~~11~~ 13.2		
1238	0.24	15.36	0.08	26.34	4.77	27.46	151	3.56	5.56	13.6		

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: L. Grigg / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1240 ~~1232~~	SAMPLING ENDED AT: 1245 ~~1235~~
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			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 39.75

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-325-R	SAMPLE ID: MW-325-R	DATE: 8/20/2013

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 3 feet to 13 feet	STATIC DEPTH TO WATER (feet): 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)
= (15.75 feet – 3.47 feet) X 0.16 gallons/foot = 1.97 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7	PURGING INITIATED AT: 0848	PURGING ENDED AT: 1009	TOTAL VOLUME PURGED (gallons): 8.1

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
1003	7.5	7.5	0.1	5.33	6.06	26.74	2056	0.26	6.07	176.4	SH yellow	SH odor
1006	0.3	7.8	↓	5.35	6.07	26.86	2084	0.20	4.86	167.8	↓	↓
1009	0.3	8.1	↓	5.37	6.08	26.86	2101	0.20	4.84	161.4	↓	↓

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: E. Mann + B. McKee / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1010	SAMPLING ENDED AT: 1011
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	-----	-----	6020	APP	~~500~~ 250

REMARKS:
Total Depth: 15.77

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

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: 8/20/2013

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 22 feet to 27 feet	STATIC DEPTH TO WATER (feet): 8.09	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (30.16 ~~19.46~~ feet – 8.09 feet) X 0.16 gallons/foot = 3.54 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 20	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11	PURGING INITIATED AT: 0851	PURGING ENDED AT: 0945	TOTAL VOLUME PURGED (gallons): 13.5

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
0935	11.00	11.00	0.25	9.38	3.94	23.45	3054	0.24	2.31	226.4	Clear	Slight odor
0940	~~12.25~~	12.25	↓	9.38	3.93	23.45	3004	0.21	2.93	229.0	↓	↓
0945	1.25	13.50	↓	↓	3.92	23.47	2963	0.18	2.47	231.8	↓	↓

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: E. Mann & B. McKee / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 0946	SAMPLING ENDED AT: 0947

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	6020	APP	500

REMARKS:
Total Depth: 30.20

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

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: 8/27/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 17 feet to 27 feet	STATIC DEPTH TO WATER (feet): 7.81	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (27.23 feet – 7.81 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): 9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9	PURGING INITIATED AT: 1342	PURGING ENDED AT: 1436	TOTAL VOLUME PURGED (gallons): 10.8

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1430	9.6	9.6	0.2	8.20	4.94	21.23	113	4.22	4.55	159.4	Clear	No
1433	0.6	10.2	0.2	8.20	5.01	21.27	114	4.20	4.45	159.8	↓	↓
1436	0.6	10.8	0.2	8.20	5.02	21.27	113	4.21	4.45	159.4	↓	↓

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: Eric Mann / HRS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1437	SAMPLING ENDED AT: 1438

PUMP OR TUBING DEPTH IN WELL (feet): 9
TUBING MATERIAL CODE: PE
FIELD-FILTERED: Y (N) Filtration Equipment Type:
FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N (replaced))
DUPLICATE: Y (N)

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

REMARKS:
Total Depth: 27.27

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-34s	SAMPLE ID: MW-34s	DATE: 8/21/2013

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 4.5 feet to 14.5 feet	STATIC DEPTH TO WATER (feet): 2.26	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)
= (14.77 feet – 2.26 feet) X 0.16 gallons/foot = 2.00 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 4.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 4.5	PURGING INITIATED AT: 0750	PURGING ENDED AT: 0856	TOTAL VOLUME PURGED (gallons): 6.6

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
0850	6.0	6.0	0.1	4.00	6.00	25.68	15153	0.16	4.34	164.8	Silt yellow	none
0853	0.3	6.3	↓	4.00	6.00	25.71	15124	0.18	4.42	183.7	↓	↓
0856	0.3	6.6	↓	4.00	6.01	25.71	15079	0.14	3.75	182.2	↓	↓

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: E. Mann + B. Miller	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 0858	SAMPLING ENDED AT: 0859
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	-----	-----	6020	APP	250

REMARKS:
Total Depth: 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:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-34I	SAMPLE ID: MW-34I	DATE: 8/21/2013

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 38 feet to 43 feet	STATIC DEPTH TO WATER (feet): 3.53	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)
= (~~45.65~~ feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 50 feet) + 0.15 gallons = 0.28 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 40.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 40.5	PURGING INITIATED AT: 0800	PURGING ENDED AT: 0925	TOTAL VOLUME PURGED (gallons): 5.75

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
0800	~~5.0~~	~~5.0~~	0.2	12.56	Slow	Purge	rate		123			
0825	5.0	5.0	0.05									
0915	0.25	5.25	↓	7.95	5.97	22.67	85	3.22	447	88.7	Cloudy	none
0920	0.25	5.5		7.97	5.96	22.68	83	3.27	344	93.8	↓	↓
0925	0.25	5.75		7.98	5.95	22.65	81	3.46	336	98.1		

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: E. Mann + B. McKee / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 0926	SAMPLING ENDED AT: 0929
PUMP OR TUBING DEPTH IN WELL (feet): 40.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: (Y) N Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:
Total Depth: 45.65

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: Collect filtered sample

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-35S	SAMPLE ID: MW-35S	DATE: 8/27/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 15 feet to 25 feet	STATIC DEPTH TO WATER (feet): 8.10	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (24.54 feet – 8.10 feet) X 0.16 gallons/foot = 7.89 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: 1225	PURGING ENDED AT: 1410	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
1404	7.92	7.92	0.08	8.90	4.00	27.39	1059	0.24	0.55	85.5	clear	none
1407	0.24	8.16	0.08	8.90	4.03	27.34	659	0.25	0.57	89.2	"	"
1410	0.24	8.4	0.08	8.90	4.04	27.34	660	0.25	0.54	90.4		

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: L. Grigg / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1412	SAMPLING ENDED AT: 1415
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	-----	-----	6020	APP	100

REMARKS:
Total Depth: 24.61

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-36S	SAMPLE ID: MW-36S	DATE: 8/20/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 3.39	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (16.59 feet – 3.39 feet) X 0.16 gallons/foot = 6.33 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 6	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6	PURGING INITIATED AT: 1055	PURGING ENDED AT: 1204	TOTAL VOLUME PURGED (gallons): 8.28

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1158	7.56	7.56	0.12	4.15	5.90	25.53	255	0.32	11.3	-42.5	clear	none
1201	0.36	7.92	0.12	4.15	5.89	25.56	255	0.29	11.5	-54.1		
1204	0.36	8.28	0.12	4.15	5.85	25.49	255	0.25	9.3	-48.6		

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: L. Grigg / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1206	SAMPLING ENDED AT: 1208
PUMP OR TUBING DEPTH IN WELL (feet): 6	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:
Total Depth: 16.57

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-37S	SAMPLE ID: MW-37S	DATE: 8/20/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 6 feet to 16 feet	STATIC DEPTH TO WATER (feet): 2.70	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (19.06 feet – 2.70 feet) X 0.16 gallons/foot = 7.85 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): 5.5	PURGING INITIATED AT: 1345	PURGING ENDED AT: 1457	TOTAL VOLUME PURGED (gallons): 8.64

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1451	7.92	7.92	0.12	3.76	6.62	23.32	963	0.29	0.77	-114.0	clear none	none
1454	0.36	8.28	0.12	3.76	6.62	23.43	960	0.26	0.67	-118.4		
1457	0.36	8.64	0.12	3.76	6.63	23.50	962	0.26	0.67	-122.7		

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: L. Grigg / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1458	SAMPLING ENDED AT: 1459

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			
MW-37S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	250

REMARKS:
Total Depth: 18.81

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-38S	SAMPLE ID: MW-38S	DATE: 8/21/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 6 feet to 16 feet	STATIC DEPTH TO WATER (feet): 3.25	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (19.02 feet – 3.25 feet) X 0.16 gallons/foot = 7.56 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5.5	PURGING INITIATED AT: 0818	PURGING ENDED AT: 0941	TOTAL VOLUME PURGED (gallons): 8.2

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
0935	7.6	7.6	0.10	3.65	6.11	23.90	281	0.21	1.07	-85.4	clear	none
0938	0.3	7.9	0.10	3.65	6.12	23.91	282	0.22	1.10	-86.0	"	"
0941	0.3	8.2	0.10	3.65	6.12	23.91	283	0.21	0.95	-86.4		

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: L. Grigg / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 0943	SAMPLING ENDED AT: 0945

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			
MW-38S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 19.07

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-39S	SAMPLE ID: MW-39S	DATE: 8/21/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 6 feet to 16 feet	STATIC DEPTH TO WATER (feet): 4.56	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (15.71 feet – 4.56 feet) X 0.16 gallons/foot = 5.35 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: 1510	PURGING ENDED AT: 1610	TOTAL VOLUME PURGED (gallons): 6.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1604	5.4	5.4	0.10	4.70	4.20	24.40	441	0.34	3.55	58.7	clear	none
1607	0.3	5.7	0.10	4.70	4.21	24.37	442	0.33	2.34	54.2	"	"
1610	0.3	6.0	0.10	4.70	4.21	24.38	442	0.32	2.37	53.2	"	"

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: L. Grigg / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1612	SAMPLING ENDED AT: 1613

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			
MW-39S	1	PE	250 mL	HNO_3	-----	-----	6020	APP	100

REMARKS:
Total Depth: 15.47

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-40s	SAMPLE ID: MW-40s	DATE: 8/20/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 25 feet to 35 feet	STATIC DEPTH TO WATER (feet): 7.30	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (34.52 feet – 7.30 feet) X 0.16 gallons/foot = 4.36 x 3 = 13.08 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 24	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 24	PURGING INITIATED AT: 1354	PURGING ENDED AT: 1550	TOTAL VOLUME PURGED (gallons): 13.7

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1544	13.1	13.1	0.1	22.75	5.48	25.87	81	1.40	6.43	101.0	Clear	NO
1547	0.3	13.4	0.1	22.76	5.51	25.94	80	1.41	6.42	99.6	↓	↓
1550	0.3	13.7	0.1	22.77	5.56	25.85	79	1.43	6.40	99.9	↓	↓

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: E. Mann, B. McKee / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1551	SAMPLING ENDED AT: 1552

PUMP OR TUBING DEPTH IN WELL (feet): 24
TUBING MATERIAL CODE: PE
FIELD-FILTERED: Y (N) Filtration Equipment Type:
FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N (replaced))
DUPLICATE: Y (N)

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

REMARKS:
Total Depth: ~~TD~~ 34.55

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

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: 8/27/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 20 feet to 30 feet	STATIC DEPTH TO WATER (feet): 2.65	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)
= (29.81 feet – 2.65 feet) X 0.16 gallons/foot = 4.35 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: 0807	PURGING ENDED AT: 0919	TOTAL VOLUME PURGED (gallons): 14.4

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
0913	13.2	13.2	0.2	4.43	4.28	24.34	2397	0.14	4.31	177.1	Clear	NO
0916	0.6	13.8	0.2	4.43	4.28	24.35	2393	0.13	4.04	179.6	↓	↓
0919	0.6	14.4	0.2	4.43	4.28	24.35	2391	0.12	3.97	180.6	↓	↓

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: Eric Mann / WRS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0920	SAMPLING ENDED AT: 0921
PUMP OR TUBING DEPTH IN WELL (feet): 5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:
Total Depth: 29.83

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-42s	SAMPLE ID: MW-42s	DATE: 8/29/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 5 feet to 15 feet	STATIC DEPTH TO WATER (feet): 1.13	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)
= (14.72 feet – 1.13 feet) X 0.16 gallons/foot = 2.18 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: 0823	PURGING ENDED AT: 1001	TOTAL VOLUME PURGED (gallons): 16.02

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
0955	15.0	15.0	0.17	4.56	5.02	23.12	5947	0.49	21.4	196.9	Cloudy	NO
0958	0.51	15.51	0.17	4.56	5.02	23.13	5941	0.44	21.2	197.2	↓	↓
1001	0.51	16.02	0.17	4.56	5.02	23.15	5937	0.40	21.7	195.1	↓	↓

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: Eric Mann / HRS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1002	SAMPLING ENDED AT: 1006
PUMP OR TUBING DEPTH IN WELL (feet):	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	-----	-----	6020	APP	250

REMARKS:
Total Depth: 14.75

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

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: 8/22/2015

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 5 feet to 15 feet	STATIC DEPTH TO WATER (feet): 3.33	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)
= (17.68 feet – 3.33 feet) X 0.16 gallons/foot = 2.30 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): 7.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7.0	PURGING INITIATED AT: 1104	PURGING ENDED AT: 1220	TOTAL VOLUME PURGED (gallons): 7.6

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1214	7.0	7.0	0.1	5.51	5.59	27.09	1583	0.16	3.63	65.0	Clear	* odor
1217	0.3	7.3	↓	5.57	5.60	27.11	1584	0.12	4.00	66.8	↓	↓
1220	0.3	7.6	↓	5.59	5.64	27.07	1585	0.10	3.55	68.8	↓	↓

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: E. Mann + B. Miller / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1221	SAMPLING ENDED AT: 1222
PUMP OR TUBING DEPTH IN WELL (feet): 7.0	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:
Total Depth: 17.70

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:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

7g × 0.1g/min

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-44s	SAMPLE ID: MW-44s	DATE: 8/28/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 10 feet to 20 feet	STATIC DEPTH TO WATER (feet): 5.81	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (22.38 feet – 5.81 feet) X 0.16 gallons/foot = 2.66 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): 16	PURGING INITIATED AT: 1248	PURGING ENDED AT: 1422	TOTAL VOLUME PURGED (gallons): 9.4

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
1410	8.2	8.2	0.1	15.61	6.27	27.13	574	1.19	10.5	87.7	Clear	NO
1413	0.3	8.5	↓	15.61	6.38	27.13	573	1.10	10.2	85.8	↓	↓
1416	0.3	8.8		15.62	6.44	27.11	573	1.03	10.1	84.9		
1419	0.3	9.1		15.62	6.47	27.12	574	1.01	10.0	84.4		
1422	0.3	9.4		15.62	6.49	27.14	574	0.97	9.11	83.8		

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: Eric Mann / HRS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1423	SAMPLING ENDED AT: 1424
PUMP OR TUBING DEPTH IN WELL (feet): 16	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:
Total Depth: 22.40

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:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-45s	SAMPLE ID: MW-45s	DATE: 8/22/2013

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 10 feet to 20 feet	STATIC DEPTH TO WATER (feet): 8.58	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)
= (22.56 feet – 8.58 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): 13.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13.0	PURGING INITIATED AT: 1329	PURGING ENDED AT: 1445	TOTAL VOLUME PURGED (gallons): 7.6

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L or % saturation)	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1439	7.0	7.0	0.1	12.73	7.32	24.30	9336	0.07	5.19	-169.8	Clear	none
1442	0.3	7.3	↓	12.73	7.32	24.35	9324	0.06	5.39	-180.2	↓	↓
1445	0.3	7.6	↓	12.73	7.31	24.32	9325	0.06	6.69	-161.3	↓	↓

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: E. Mann + B. Miller / CPS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1446	SAMPLING ENDED AT: 1447
PUMP OR TUBING DEPTH IN WELL (feet): 13.0	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:
Total Depth: 22.58

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-46s	SAMPLE ID: MW-46s	DATE: 8/28/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 5 feet to 15 feet	STATIC DEPTH TO WATER (feet): 3.45	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (14.41 feet – 3.45 feet) X 0.16 gallons/foot = 1.76 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 6	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8	PURGING INITIATED AT: 0827	PURGING ENDED AT: 0939	TOTAL VOLUME PURGED (gallons): 6.2

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
0933	5.6	5.6	0.1	7.31	4.84	26.39	296	1.12	5.44	280.6	Clear	NO
0936	0.3	5.9	0.1	7.32	4.84	26.34	296	1.04	5.52	281.6	↓	↓
0939	0.3	6.2	0.1	7.33	4.84	26.32	297	0.95	5.28	282.3	↓	↓

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: Eric Mann / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 0940	SAMPLING ENDED AT: 0941
PUMP OR TUBING DEPTH IN WELL (feet): 8	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:
Total Depth: 22.41

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-47s	SAMPLE ID: MW-47s	DATE: 8/22/2013

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 22 feet to 32 feet	STATIC DEPTH TO WATER (feet): 17.63	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (31.64 feet – 17.63 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): 19	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 19	PURGING INITIATED AT: 1608	PURGING ENDED AT: 1704	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 mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1658	7.0	7.0	0.14	17.73	5.45	21.51	50	4.48	6.84	53.7	clear	none
1701	0.42	7.42	↓	↓	5.44	21.47	50	4.51	6.59	58.5	↓	↓
1704	0.42	7.84	↓	↓	5.43	21.49	49	4.51	7.16	62.9	↓	↓

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: E. Mann + B. McKee / UCS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1705	SAMPLING ENDED AT: 1706
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	-----	-----	6020	APP	250

REMARKS:
Total Depth: 31.64

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-48S	SAMPLE ID: MW-48S	DATE: 8/29/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 20.5 feet to 30.5 feet	STATIC DEPTH TO WATER (feet): 9.20	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (30.5 feet – 9.20 feet) X 0.16 gallons/foot = 10.224 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: 0900	PURGING ENDED AT: 1049	TOTAL VOLUME PURGED (gallons): 10.9

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
1043	10.3	10.3	0.10	9.90	3.95	21.25	1112	0.17	0.38	46.2	Clear	none
1046	0.3	10.6	0.10	9.90	3.96	21.27	1111	0.17	0.36	44.8		
1049	0.3	10.9	0.10	9.90	3.96	21.27	1110	0.18	0.37	44.6		

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: L. Grigg / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1050	SAMPLING ENDED AT: 1055
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	-----	-----	6020	APP	100

REMARKS:
Total Depth: 29.83

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-49s	SAMPLE ID: MW-49s	DATE: 8/20/13 / 8/21/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 24.5 feet to 34.5 feet	STATIC DEPTH TO WATER (feet): 3.16	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (34.15 feet – 3.16 feet) X 0.16 gallons/foot = 4.96 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): 33	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 20	PURGING INITIATED AT: 1340	PURGING ENDED AT: 1245	TOTAL VOLUME PURGED (gallons): 16.0

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 mS/cm	DISSOLVED OXYGEN (circle units) mg/l or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1413				23.07	Slow purge rate							
1713		12.5	Purged		dry							
1210				4.13	Resume purge							
1235		15.0	0.1	15.73	5.58	27.70	51	3.64	103	124.2	Cloudy	No
1240	0.5	15.5	↓	17.28	5.61	27.67	51	3.54	101	125.3	↓	↓
1245	0.5	16.0	↓	18.68	5.57	27.72	51	3.64	99.9	130.8	↓	↓

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: E. Mann, B. McKee / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1246	SAMPLING ENDED AT: 1247

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	-----	-----	6020	APP	250

REMARKS:
Total Depth: 35.18

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: FFFW-15-R	SAMPLE ID: FFFW-15-R	DATE: 8/29/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 5.86	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (16.24 feet – 5.86 feet) X 0.16 gallons/foot = 1.66 x3= 4.98 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8.0	PURGING INITIATED AT: 0836	PURGING ENDED AT: 1004	TOTAL VOLUME PURGED (gallons): 5.46

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
0958	5.10	5.10	0.06	6.78	6.37	25.41	489	0.17	2.30	61.2	Clear	none
1001	0.18	5.28	↓	6.78	6.37	25.45	490	0.19	2.33	61.3	↓	↓
1004	0.18	5.46	↓	6.78	6.37	25.47	490	0.17	2.07	61.6	↓	↓

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: B. McKee / CES	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1007	SAMPLING ENDED AT: 1009
PUMP OR TUBING DEPTH IN WELL (feet): 8.0	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	6020	APP	125

REMARKS:
Total Depth: 16.29

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: FFFW-2-R	SAMPLE ID: FFFW-2-R	DATE: 8/23/2013

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 17 feet to 27 feet	STATIC DEPTH TO WATER (feet): 16.63	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (29.32 feet – 16.63 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): 18.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 18.0	PURGING INITIATED AT: 0745	PURGING ENDED AT: 0846	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
0840	6.30	6.30	0.11	16.75	3.99	21.35	4830	0.33	5.04	438.9	Clear	none
0843	0.33	6.63	↓	16.75	3.98	21.37	4919	0.33	4.80	457.8	↓	↓
0846	0.33	6.96	↓	16.75	3.96	21.36	4971	0.34	4.56	475.1	↓	↓

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: E. Mann + B. Wicker	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 0847	SAMPLING ENDED AT: 0848
PUMP OR TUBING DEPTH IN WELL (feet): 18.0	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:
Total Depth: 29.32

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

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: 8/23/2013

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 45 feet to 50 feet	STATIC DEPTH TO WATER (feet): 17.04	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)
= (52.69 feet – 17.04 feet) X 0.16 gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 60 feet) + 0.15 gallons = 0.31 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 50	PURGING INITIATED AT: 0739	PURGING ENDED AT: 0809	TOTAL VOLUME PURGED (gallons): 4.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (S/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
0759	2.0	2.0	0.2	17.58	5.46	21.51	350	1.40	6.45	72.8	clear	none
0804	1.0	3.0	↓	17.58	5.44	21.51	359	1.43	5.18	84.7	↓	↓
0809	1.0	4.0	↓	17.58	5.42	21.52	363	1.47	4.59	97.1	↓	↓

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: E. Mann & B. McKee / URS	SAMPLER(S) SIGNATURE(S): Brett M.	SAMPLING INITIATED AT: 0810	SAMPLING ENDED AT: 0811
PUMP OR TUBING DEPTH IN WELL (feet): 50	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:
Total Depth: 52.72

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: FFFW-3-R	SAMPLE ID: FFFW-3-R	DATE: 8/22/2013

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): ~~6.41~~	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (17.12 feet – 4.24 feet) X 0.16 gallons/foot = 2.1 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): 8	PURGING INITIATED AT: 1057	PURGING ENDED AT: 1206	TOTAL VOLUME PURGED (gallons): 6.9

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1200	6.3	6.3	0.1	6.21	5.67	26.76	1941	0.09	3.80	68.4	Clear	none
1203	0.3	6.6	↓	6.16	5.66	26.78	1929	0.08	3.83	70.0	↓	↓
1206	0.3	6.9	↓	6.16	5.62	26.80	1932	0.08	3.47	71.5	↓	↓

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: E. Mann + B. Miller	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1207	SAMPLING ENDED AT: 1208
PUMP OR TUBING DEPTH IN WELL (feet): 8	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:
Total Depth: 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:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: FFFW-4-R	SAMPLE ID: FFW-4-R	DATE: 8/22/2013

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 6.35	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (17.66 feet – 6.35 feet) X 0.16 gallons/foot = 1.81 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 15.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13	PURGING INITIATED AT: 1335	PURGING ENDED AT: 1518	TOTAL VOLUME PURGED (gallons): 7.96

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
1506	7.0	7.0	0.08	11.46	6.28	26.20	403	0.23	236	5.6	Cloudy	none
1509 ~~1509~~ 1509	0.24	7.24	↓	11.74	6.31	26.16	418	0.40	235	9.9	↓	↓
1512	0.24	7.48		11.86	6.32	26.15	443	0.56	232	14.1		
1515	0.24	7.72		11.94	6.34	26.12	455	0.56	224	17.0		
1518	0.24	7.96		11.98	6.32	26.15	459	0.63	223	19.2		

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: E. Mann + B. Miller / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1519	SAMPLING ENDED AT: 1524
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	-----	-----	6020	APP	250

REMARKS:
Total Depth: 17.66

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW - TP 1S	SAMPLE ID: MW-TP 1S	DATE: 8/21/2012

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 10 feet to 20 feet	STATIC DEPTH TO WATER (feet): 11.16	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (20.08 feet – 11.16 feet) X 0.16 gallons/foot = 1.43 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13	PURGING INITIATED AT: 1017	PURGING ENDED AT: 1103	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
1057	4.5	4.5	0.1	11.23	5.63	22.06	254	2.44	8.85	134.4	clear	none
1100	0.3	4.8	↓	11.23	5.62	22.07	254	2.43	5.45	132.9	↓	↓
1103	0.3	5.1	↓	11.24	5.58	22.06	253	2.47	4.80	131.1	↓	↓

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: E. Mann B. Wilkee / WES	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1104	SAMPLING ENDED AT: 1105
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	-----	-----	6020	APP	250

REMARKS:
Total Depth: 20.18

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-TP1I	SAMPLE ID: ~~to~~ MW-TP1I	DATE: 8/21/2013

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 43 feet to 48 feet	STATIC DEPTH TO WATER (feet): 10.39	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 60 feet) + 0.15 gallons = 0.31 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 45.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 45.5	PURGING INITIATED AT: 1014	PURGING ENDED AT: 1034	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
1024	1.0	1.0	0.1	11.27	6.15	22.14	50	5.38	5.94	99.0	Clear	none
1029	0.5	1.5	↓	11.28	6.18	22.07	50	5.37	6.09	101.4	↓	↓
1034	0.5	2.0	↓	11.30	6.15	22.05	49	5.31	6.11	108.2	↓	↓

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: E. Munn + B. McKee / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1036	SAMPLING ENDED AT: 1037
PUMP OR TUBING DEPTH IN WELL (feet): 45.5	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	-----	-----	6020	APP	250

REMARKS:
Total Depth: 48.09

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-TP2s	SAMPLE ID: MW-TP2s	DATE: 8/27/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 10 feet to 20 feet	STATIC DEPTH TO WATER (feet): 4.08	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)
= (19.92 feet – 4.08 feet) X 0.16 gallons/foot = 2.54 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): 6	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6	PURGING INITIATED AT: 1409	PURGING ENDED AT: 1507	TOTAL VOLUME PURGED (gallons): 8.7

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1501	7.80	7.80	0.15	5.29	6.01	24.69	169	0.08		39.3	Clear	Slight
1504	0.45	8.25	0.15	5.29	5.94	24.69	169	0.07		35.8	↓	↓
1507	0.45	8.70	0.15	5.29	5.94	24.69	169	0.07		34.3	↓	↓

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: Eric Mann / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1508	SAMPLING ENDED AT: 1509
PUMP OR TUBING DEPTH IN WELL (feet): 6	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:
Total Depth: 19.97

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

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: 8/27/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 10 feet to 20 feet	STATIC DEPTH TO WATER (feet): 2.24	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (19.37 feet – 2.24 feet) X 0.16 gallons/foot = 2.75 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7	PURGING INITIATED AT: 1034	PURGING ENDED AT: 1122	TOTAL VOLUME PURGED (gallons): 9.6

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (mS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1116	~~5.04~~ 3.4	~~5.04~~ 3.4	0.2	6.71	5.24	21.55	199	0.45	4.83	120.7	Clear	No
1119	~~0.24~~ 0.6	~~5.28~~ 4.0	0.2	6.71	5.24	21.58	198	0.45	4.95	122.4	↓	↓
1122	~~0.24~~ 0.6	~~5.52~~ 4.6	0.2	6.71	5.26	21.53	199	0.47	4.83	123.7	↓	↓
		9.6										

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: Eric Mann / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1123	SAMPLING ENDED AT: 1124
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	-----	-----	6020	APP	250

REMARKS:
Total Depth: 19.38

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-TP4s	SAMPLE ID: MW-TP4s	DATE: 8/21/2013

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 15 feet to 25 feet	STATIC DEPTH TO WATER (feet): 13.90	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)
= (24.59 feet – 13.90 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): 15.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 15.5	PURGING INITIATED AT: 1317	PURGING ENDED AT: 1418	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
1412	5.5	5.5	0.1	14.22	5.15	23.30	116	3.52	3.51	161.7	Clear	none
1415	0.3	5.8	↓	14.22	5.13	23.28	115	3.49	3.23	161.9	↓	↓
1418	0.3	6.1	↓	14.22	5.11	23.30	115	3.37	3.17	163.2	↓	↓

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: E. Mann + B. McKee / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1419	SAMPLING ENDED AT: 1420
PUMP OR TUBING DEPTH IN WELL (feet): 15.5	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	-----	-----	6020	APP	250

REMARKS:
Total Depth: 24.60

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-TP5S	SAMPLE ID: MW-TP5S	DATE: 8/22/2013

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: 15 feet to 25 feet	STATIC DEPTH TO WATER (feet): 9.11	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)
= (24.97 feet – 9.11 feet) X 0.16 gallons/foot = 2.5 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): 16	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 16	PURGING INITIATED AT: 0737	PURGING ENDED AT: 1003	TOTAL VOLUME PURGED (gallons): 8.00

	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
	0957	7.70	7.70	0.05	14.85	3.25	22.98	20111	0.18	3.84	389.0	Clear	None
1000	1000	0.15	7.85	↓	14.83	3.26	23.03	20102	0.16	3.38	389.0	↓	↓
1003	1003	0.15	8.00	↓	14.82	3.26	23.06	20111	0.17	4.15	390.3	↓	↓

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: E. Mann + B. Miller	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1006	SAMPLING ENDED AT: 1009
PUMP OR TUBING DEPTH IN WELL (feet): 16	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: (Y) N	

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

REMARKS:
Total Depth: 24.97

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-TP5I	SAMPLE ID: MW-TP5I	DATE: 8/22/2013

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4 I.D.	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): ~~14~~ 14.58	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)
= (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 ~~0.05~~ 55 feet) + 0.15 gallons = 0.29 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~~45~~ 47.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 47.5	PURGING INITIATED AT: 0738	PURGING ENDED AT: 0940	TOTAL VOLUME PURGED (gallons): 10.28

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
0930	9.28	9.28	0.1	20.89	5.99	22.62	68	0.78	274	197.4	Cloudy	none
0935	0.5	9.78	↓	20.97	5.93	22.66	48	0.70	267	196.0	↓	↓
0940	0.5	10.28	↓	21.30	5.90	22.71	47	0.67	256	196.6	↓	↓

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: E. Mann + Brett Miller / URS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 0941	SAMPLING ENDED AT: 0943
PUMP OR TUBING DEPTH IN WELL (feet): 47.5	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	-----	-----	6020	APP	250

REMARKS:
Total Depth: 52.71

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

CALIBRATION LOG

DATE: 8/19/13 LOCATION: FFF Mo[illegible], Georgia JOB #:
YSI 556 MPS s/n: 11F102275 Hach 2100 Q s/n: 10080C003867

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO mg/l	TEMP	DO%	SATURATION mg/l (from chart)	PASS/FAIL +/- 0.3 mg/l	INITIALS
CAL	8/19/13	2051	1.008493	8.46	23.80	100.1	8.45	Pass	
ICV	↓	2055		8.46	23.82	100.1	8.45	pass	
CCV	8/20/13	1908		8.64	22.35	99.8	8.677	Pass	

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD	LOT#	EXP. DATE	SP COND READING	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL	8/19/13	2027	1413 µS/cm	10110	01 14	1413	0.981775	4.876		
ICV	↓	2034	1413 µS/cm	↓	↓	1414			Pass	
CCV	8/20/13	1913	1413 µS/cm	↓	↓	1381			Pass	

Cell constant = conductivity gain x 5
Conductivity gain range = 0.9 to 1.10

pH

	DATE	TIME	STANDARD	LOT#	EXP. DATE	UNCALmV	pH READING	CAL mV	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL	8/19/13	0809	7.00 su	10094	122813	-11.1	7.18	-10.5	0.6		
CAL	8/19/13	0815	4.00 su	10089	12 13	~~-7.4~~ 157.4	~~7.13~~ 4.15	151 ~~157.4~~	0.1		
CAL			~~10.00 su~~								
ICV	8/18/13	0818	7.00 su	↓	↓		6.99			pass	
CCV	8/20/13	1920	7.00 su	↓	↓		7.00			pass	

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 232	LOT#	EXP. DATE	ORP READING	ORP mV OFFSET (glp file)	PASS/FAIL +/- 10mV	INITIALS
CAL	8/19/13	~~0853~~ 2038	24.10	~~150~~ 24	13D100247	4/2015	232.0	10.29214		
ICV	↓	2042	24.21	232.4	|	|	232.6		Pass	
CCV	8/20/13	1928	23.14	234.0	|	|	234.9		Pass	

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL	8/19/13	2043	~~20.0~~ ~~10.00~~ ntu	~~A2235~~ ~~8/13~~	8/13	20.1		
ICV	|	2045	10.00 ntu	A2233	8/13	9.94	pass	
CCV	8/20/13	2005	10.00	A2233	8/13	10.06	pass	

CALIBRATION LOG

DATE: 8/21/13 LOCATION: FFF Mo[illegible], Georgia JOB #:
YSI 556 MPS s/n: 11F102275 Hach 2100 Q s/n: 10080C003867

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO mg/l	TEMP	DO%	SATURATION mg/l (from chart)	PASS/FAIL +/- 0.3 mg/l	INITIALS
CAL									
ICV									
CCV	8/21/13	1951		8.51	22.65	98.6	8.63	pass	✓

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD	LOT#	EXP. DATE	SP COND READING	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL			**1409 µS/cm**							
ICV			**1409 µS/cm**							
CCV	8/21/13	1959	1413 µS/cm	10110	01/14	1383			Pass	✓

Cell constant = conductivity gain x 5
Conductivity gain range = 0.9 to 1.10

pH

	DATE	TIME	STANDARD	LOT#	EXP. DATE	UNCALmV	pH READING	CAL mV	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL			**7.00 su**								
CAL			**4.00 su**								
CAL			**10.00 su**								
ICV			**7.00 su**								
CCV	8/21/13		4.00 su	10089	12/13		3.99			pass	✓

pH slope is the difference between uncal mV and cal mV
pH mV range: 7 SU = 0mV +/- 50mV 4 SU = 165 to 180 + 7 SU mV reading 10 SU = -165 to -180 + 7 SU reading

ORP

	DATE	TIME	TEMP	STANDARD	LOT#	EXP. DATE	ORP READING	ORP mV OFFSET (glp file)	PASS/FAIL +/- 10mV	INITIALS
CAL										
ICV										
CCV	8/21/13	2010	23.62	234	13D100247	4/2015	233.5		pass	✓

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL			**10.00 ntu**					
ICV			**10.00 ntu**					
CCV	8/21/13	2012	10.00 ntu	A2233	8/13			

CALIBRATION LOG

DATE: 8/22/13 LOCATION: FFF Mou[illegible], Georgia JOB #:
YSI 556 MPS s/n: 11F102275 Hach 2100 Q s/n: 10080C003867

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO mg/l	TEMP	DO%	SATURATION mg/l (from chart)	PASS/FAIL +/- 0.3 mg/l	INITIALS
CAL									
ICV									
CCV	8/22/13	1948		8.67	22.71	94.7	8.627	pass	[illegible]

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD	LOT#	EXP. DATE	SP COND READING	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL			**1409 µS/cm**							
ICV			**1409 µS/cm**							
CCV	8/22/13	2000	1413 µS/cm	10110	01/14	1398			pass	[illegible]

Cell constant = conductivity gain x 5
Conductivity gain range = 0.9 to 1.10

pH

	DATE	TIME	STANDARD	LOT#	EXP. DATE	UNCALmV	pH READING	CAL mV	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL			**7.00 su**								
CAL			**4.00 su**								
CAL			**10.00 su**								
ICV			**7.00 su**								
CCV	8/22/13	1953	7.00 su	10094	122813		7.02			pass	[illegible]

pH slope is the difference between uncal mV and cal mV
pH mV range: 7 SU = 0mV +/- 50mV 4 SU = 165 to 180 + 7 SU mV reading 10 SU = -165 to -180 + 7 SU reading

ORP

	DATE	TIME	TEMP	STANDARD	LOT#	EXP. DATE	ORP READING	ORP mV OFFSET (glp file)	PASS/FAIL +/- 10mV	INITIALS
CAL										
ICV										
CCV	8/22/13	2008	23.62	234	13D100247	4/2015	232.0		pass	[illegible]

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL			**10.00 ntu**					
ICV			**10.00 ntu**					
CCV	8/22/13	2003	10.00 ntu	A2233	8/13	9.87	pass	[illegible]

CALIBRATION LOG

DATE: 8/23/13 LOCATION: FFF Mo[illegible], Georgia JOB #:
YSI 556 MPS s/n: 11F102275 Hach 2100Q s/n: 10080C003867

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO mg/l	TEMP	DO%	SATURATION mg/l (from chart)	PASS/FAIL +/- 0.3 mg/l	INITIALS
CAL									
ICV									
CCV	8/23/13	1135		7.77	29.3	101.6	7.651	PASS	

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD	LOT#	EXP. DATE	SP COND READING	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL			**1409 µS/cm**							
ICV			**1409 µS/cm**							
CCV	8/23/13	1140	1413 µS/cm	10110	01/14	1380			Pass	BM

Cell constant = conductivity gain x 5
Conductivity gain range = 0.9 to 1.10

pH

	DATE	TIME	STANDARD	LOT#	EXP. DATE	UNCALmV	pH READING	CAL mV	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL			**7.00 su**								
CAL			**4.00 su**								
CAL			**10.00 su**								
ICV			**7.00 su**								
CCV	8/23/13	1146	4.00su	10089	12/13		4.01			Pass	BM

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				329.5						
CCV	8/23/13		26.5	~~234~~ BM	13D100247	4/2015	228.2		PASS	BM

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL			**10.00 ntu**					
ICV			**10.00 ntu**					
CCV	8/23/13	1133	10.00 ntu	A2233	8/13	9.56	PASS	

CALIBRATION LOG

DATE: 8/27/13 LOCATION: FFF Mo[illegible], Georgia JOB #:

YSI 556 MPS s/n: 11F 102275 Hach 2100 Q s/n: 10080C003867

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO mg/l	TEMP	DO%	SATURATION mg/l (from chart)	PASS/FAIL +/- 0.3 mg/l	INITIALS
CAL									
ICV									
CCV	8/27/13	2117		8.17	25.2	98.1	8.233	pass	

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD	LOT#	EXP. DATE	SP COND READING	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL			**1409 µS/cm**							
ICV			**1409 µS/cm**							
CCV	8/27/13	2125	1413	10110	01/14	1392			pass	

Cell constant = conductivity gain x 5
Conductivity gain range = 0.9 to 1.10

pH

	DATE	TIME	STANDARD	LOT#	EXP. DATE	UNCALmV	pH READING	CAL mV	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL			**7.00 su**								
CAL			**4.00 su**								
CAL			**10.00 su**								
ICV			**7.00 su**								
CCV	8/27/13	2132	7.00	10089	12/28/13		6.84			pass	

pH slope is the difference between uncal mV and cal mV
pH mV range: 7 SU = 0mV +/- 50mV 4 SU = 165 to 180 + 7 SU mV reading 10 SU = -165 to -180 + 7 SU reading

ORP

	DATE	TIME	TEMP	STANDARD	LOT#	EXP. DATE	ORP READING	ORP mV OFFSET (glp file)	PASS/FAIL +/- 10mV	INITIALS
CAL										
ICV										
CCV	8/27/13	2141	26.81	229.0	130100247	4/2015	228.7		pass	

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL			**10.00 ntu**					
ICV			**10.00 ntu**					
CCV	8/27/13	2135	10.00 NTU	A2233	8/13	10.03	pass	

CALIBRATION LOG

DATE: 8/28/13 LOCATION: FFF Mo[illegible], Georgia JOB #:
YSI 556 MPS s/n: 11F102275 Hach 2100 Q s/n: 1008CC03867

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO mg/l	TEMP	DO%	SATURATION mg/l (from chart)	PASS/FAIL +/- 0.3 mg/l	INITIALS
CAL									
ICV									
CCV	8/28/13	2011		8.42	23.5	99.2	8.498	pass	

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD	LOT#	EXP. DATE	SP COND READING	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL			**1409 µS/cm**							
ICV			**1409 µS/cm**							
CCV	8/28/13	2021	1413 µS/cm	10110	1/14	1387			pass	

Cell constant = conductivity gain x 5
Conductivity gain range = 0.9 to 1.10

pH

	DATE	TIME	STANDARD	LOT#	EXP. DATE	UNCALmV	pH READING	CAL mV	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL			**7.00 su**								
CAL			**4.00 su**								
CAL			**10.00 su**								
ICV			**7.00 su**								
CCV	8/28/13		4.00	10089	12/13		4.17			pass	

pH slope is the difference between uncal mV and cal mV
pH mV range: 7 SU = 0mV +/- 50mV 4 SU = 165 to 180 + 7 SU mV reading 10 SU = -165 to -180 + 7 SU reading

ORP

	DATE	TIME	TEMP	STANDARD	LOT#	EXP. DATE	ORP READING	ORP mV OFFSET (glp file)	PASS/FAIL +/- 10mV	INITIALS
CAL										
ICV										
CCV	8/28/13	2050	23.09	234	13D10024	4/2015	233.9		pass	

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL			**10.00 ntu**					
ICV			**10.00 ntu**					
CCV	8/28/13	2015	10.00 NTU	A2233	8/13	9.81	pass	

CALIBRATION LOG

DATE: 8/29/13 LOCATION: FFF Mo[illegible], Georgia JOB #:
YSI 556 MPS s/n: 11F102275 Hach 2100 Q s/n: 10080C003867

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO mg/l	TEMP	DO%	SATURATION mg/l (from chart)	PASS/FAIL +/- 0.3 mg/l	INITIALS
CAL									
ICV									
CCV	8/29/13	1053		7.86	36.6	105.0	7.581	pass	[illegible]

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD	LOT#	EXP. DATE	SP COND READING	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL			**1409 µS/cm**							
ICV			**1409 µS/cm**							
CCV	8/29/13	1107	1413 µS/cm	10110	01/14	1389			pass	[illegible]

Cell constant = conductivity gain x 5
Conductivity gain range = 0.9 to 1.10

pH

	DATE	TIME	STANDARD	LOT#	EXP. DATE	UNCALmV	pH READING	CAL mV	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL			**7.00 su**								
CAL			**4.00 su**								
CAL			**10.00 su**								
ICV			**7.00 su**								
CCV	8/29/13	1110	7.00 SU				6.99			pass	[illegible]

pH slope is the difference between uncal mV and cal mV
pH mV range: 7 SU = 0mV +/- 50mV 4 SU = 165 to 180 + 7 SU mV reading 10 SU = -165 to -180 + 7 SU reading

ORP

	DATE	TIME	TEMP	STANDARD	LOT#	EXP. DATE	ORP READING	ORP mV OFFSET (glp file)	PASS/FAIL +/- 10mV	INITIALS
CAL										
ICV										
CCV	8/29/13	1118	27.13	228.0	13D100247	4/2015	226.2		pass	[illegible]

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL			**10.00 ntu**					
ICV			**10.00 ntu**					
CCV	8/29/13	1115	10.00 ntu	A2233	8/2013	10.3	pass	[illegible]

CALIBRATION LOG

DATE: 8/28/13 LOCATION: FFF Mo[illegible], Georgia JOB #: _____

YSI 556 MPS s/n: 11B101157 HACH 2100Q s/n: 10110C006398

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO mg/l	TEMP	DO%	SATURATION mg/l (from chart)	PASS/FAIL +/- 0.3 mg/l	INITIALS
CAL	8/28/13	0907	0.848505	8.15	25.8 ~~23.23~~ BM	100.2	8.143	Pass	BM
ICV	8/28/13	0907		8.17	26.11	100.9	8.099	Pass	BM
CCV	8/29/13	0802		8.50	23.46		8.514	Pass	BM

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD	LOT#	EXP. DATE	SP COND READING	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL	8/28/13	1004	~~1409~~ 1413 µS/cm	10110	01/14	1413	1.003937			
ICV	8/28/13	1006	~~1409~~ 1413 µS/cm	10110	01/14	1418			Pass	BM
CCV	8/29/13	0746	1413 µS/cm	10110	01/14	1435			Pass	BM

Cell constant = conductivity gain x 5
Conductivity gain range = 0.9 to 1.10

pH

	DATE	TIME	STANDARD	LOT#	EXP. DATE	UNCALmV	pH READING	CAL mV	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL	8/28/13	1009	7.00 su	10094	12/28/13	-22.8	7.00	-22.8	0		BM
CAL	8/28/13	1010	4.00 su	10089	12/13	144.7	4.00	144.7	0		BM
CAL			~~10.00 su~~								
ICV	8/28/13	1012	7.00 su	10094	12/28		7.01			Pass	BM
CCV	8/29/13	0738	7.00 su	10094	12/28/13		7.09			Pass	BM

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										

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL	8/28/13	10:25	~~10.00 ntu~~ 20.00	A2212	8-13	19.1		BM
ICV	8/28/13	10:28	~~10.00 ntu~~ 10.00 BM	A2023	8/13	10.8	Pass	BM
CCV	08/29/13	0731	10.00 ntu	A2023	8/13	10.3	Pass	BM

CALIBRATION LOG

DATE: 8/29/13 LOCATION: FFF Mo[illegible], Georgia JOB #:
YSI 556 MPS s/n: 11B101157 HACH 2100Q s/n: 10110C006398

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO mg/l	TEMP	DO%	SATURATION mg/l (from chart)	PASS/FAIL +/- 0.3 mg/l	INITIALS
CAL									
ICV									
CCV	8/29/13	1501		7.80	29.3	102.2	7.66	Pass	BM

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**		01/14					
CCV	8/29/13	1491	1413	BM 10094	~~12/28/13~~ BM	1459			Pass	BM

10110 *Cell constant = conductivity gain x 5*
Conductivity gain range = 0.9 to 1.10

pH

	DATE	TIME	STANDARD	LOT#	EXP. DATE	UNCALmV	pH READING	CAL mV	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL			**7.00 su**								
CAL			**4.00 su**								
CAL			**10.00 su**								
ICV			**7.00 su**								
CCV	8/29/13	1448	7.00	10094	12/28/13		7.08			Pass	BM

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	08/29/13	1457	28.3	224.5	130100247	4/2015	219.3		Pass	BM

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL			**10.00 ntu**					
ICV			**10.00 ntu**					
CCV	8/29/13	1444	10.00	A2023	BM ~~2013~~ 4/13	9.95	Pass	BM

CALIBRATION LOG

DATE: 8/19/13 LOCATION: FFF Mo[illegible], Georgia JOB #:

YSI 556 MPS s/n: 11B100652 Hach 2100 Q s/n: 10100C004743

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO mg/l	TEMP	DO%	SATURATION mg/l (from chart)	PASS/FAIL +/- 0.3 mg/l	INITIALS
CAL	8/19/13	0742	0.9916199	8.50	23.66	100.3	8.482	Pass	[illegible]
ICV	8/19/13	0747		8.47	23.71	100.1	8.48	pass	[illegible]
CCV	8/20/13	1720		8.59	28.50	100.6	7.759	Pass	JB

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD	LOT#	EXP. DATE	SP COND READING	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL	8/19/13	2031	**1413 µS/cm**	10110	0114	1413	1.002403	5.0016		[illegible]
ICV	↓	2033	**1413 µS/cm**	↓	↓	1413			Pass	[illegible]
CCV	8/20/13	1725	1413	↓	↓	1413			Pass	JB

Cell constant = conductivity gain x 5
Conductivity gain range = 0.9 to 1.10

pH

	DATE	TIME	STANDARD	LOT#	EXP. DATE	UNCALmV	pH READING	CAL mV	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL	8/19/13	0811	**7.00 su**	10094	12/28/13	-7.4	7.13	-7.3	0.1		[illegible]
CAL	↓	0817	**4.00 su**	10089	12/13	159.4	4.17	159.5	0.1		[illegible]
CAL			**10.00 su**								
ICV	↓	0820	**7.00 su**	↓	↓		7.00			Pass	[illegible]
CCV	8/20/13	1735	7.00	10094	12/28/13		7.00			PASS	JB

pH slope is the difference between uncal mV and cal mV
pH mV range: 7 SU = 0mV +/- 50mV 4 SU = 165 to 180 + 7 SU mV reading 10 SU = -165 to -180 + 7 SU reading

ORP

	DATE	TIME	TEMP	STANDARD	LOT#	EXP. DATE	ORP READING	ORP mV OFFSET (glp file)	PASS/FAIL +/- 10mV	INITIALS
CAL	8/19/13	2040	24.61	232.00	13D100247	4/2015	232.0	8.114914		[illegible]
ICV	↓	2044	24.07	232.0			232.0		pass	[illegible]
CCV	8/21/13	0751	23.90	229.00	213034	12/30/13	229.0		pass	JB

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL	8/19/13	2025	**10.00 ntu**	A3094	4/14	19.9		[illegible]
ICV	↓	2027	**10.00 ntu**	A3091	4/14	9.96	pass	[illegible]
CCV	~~8/21/13~~	~~0751~~						

CALIBRATION LOG

DATE: 8/23/13 LOCATION: FFF Mou[illegible], Georgia JOB #:

YSI 556 MPS s/n: 11B100652 HACH 21000 s/n: 101000004743

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	8/23/13	0800		8.39	23.5	100.3	8.498	PASS	JZ
CCV	0								

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	8/23/13	0812	**1409 µS/cm**	1010	01/14	1413			PASS	JZ
CCV										

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	8/23/13	0820	**7.00 su**	10094	12/28/13		7.00			PASS	JZ
CCV											

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	8/23/13	0830	24.01	232.0	13D100247	4/20/15	232.0		PASS	JZ
CCV										

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL			**10.00 ntu**					
ICV	8/23/13	0845	**10.00 ntu**	A3091	4/14	9.92	PASS	JZ
CCV								

CALIBRATION LOG

DATE: 8/27/13 LOCATION: FFF Mou[illegible], Georgia JOB #: _____

YSI 556 MPS s/n: 11B100652 HACH 2100 Q s/n: 10100C004743

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO mg/l	TEMP	DO%	SATURATION mg/l (from chart)	PASS/FAIL +/- 0.3 mg/l	INITIALS
CAL	8/27/13	0710	0.995296	8.50	23.53	100.3	8.498	PASS	JZ
ICV	1	0715		8.46	23.60	100.2	8.48	PASS	JZ
CCV	8/29/13	1120		~~8.59~~ 7.72	28.56	100.3	7.75	PASS	JZ

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD	LOT#	EXP. DATE	SP COND READING	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL	8/27/13	0720	1413µS/cm	10110	01/14	1413	1.002403	5.0016		JZ
ICV	1	0724	1413µS/cm	↓	1	1			PASS	JZ
CCV	8/27/13	1125	1413						PASS	JZ

Cell constant = conductivity gain x 5
Conductivity gain range = 0.9 to 1.10

pH

	DATE	TIME	STANDARD	LOT#	EXP. DATE	UNCALmV	pH READING	CAL mV	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL	8/27/13	0735	7.00 su	10094	12/28/13	-7.2	7.11	-7.2	0.1		JZ
CAL	8/27/13	0741	4.00 su	10089	12/13	160.1	4.11	158.3	0.1		JZ
CAL			~~10.00 su~~								
ICV	8/27/13	0743	7.00 su	10094	12/28/13		7.00			PASS	JZ
CCV	8/29/13	1131	7.00	1	1		7.00			PASS	JZ

pH slope is the difference between uncal mV and cal mV
pH mV range: 7 SU = 0mV +/- 50mV 4 SU = 165 to 180 + 7 SU mV reading 10 SU = -165 to -180 + 7 SU reading

ORP

	DATE	TIME	TEMP	STANDARD	LOT#	EXP. DATE	ORP READING	ORP mV OFFSET (glp file)	PASS/FAIL +/- 10mV	INITIALS
CAL	8/27/13	0746	24.04	232.00	13D100247	4/2015	232.00	8.115121		JZ
ICV	1	0750	24.08	232.0	1	1	232.0		PASS	JZ
CCV	8/29/13	1138	26.89	232.00	1	1	232.0		PASS	JZ

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD	LOT#	EXP. DATE	TURBIDITY READING	PASS/FAIL +/- 10%	INITIALS
CAL	8/27/13	0755	20.00 ntu	A3094	4/14	19.7		JZ
ICV	1	0757	10.00 ntu	A3091	4/14	9.98	PASS	JZ
CCV	8/29/13	1140	10.00	A3091	4/14	9.98	PASS	JZ

①

PCS Moultrie 8/20/2013

0800 Set up on MW-75R DTW - 4.70'

0815 Initiated Purge Tubing depth in well 7'. Purge Rate gpm 0.08

	DTW (ft)	PH (SU)	Temp (°C)	Cond (uS/cm)	DO (mg/L)	Turb (NTU)	ORP (mV)
0929	6.80	3.25	26.35	2408	0.21	15.9	365.1
0932	6.80	3.26	26.34	2417	0.22	17.8	366.4
0935	6.80	3.24	26.34	2487	0.21	17.0	366.8

✓ clear, no odor MW-75R Filtered

0937 Collected Sample on MW-75R

0958 Set up on MW-2S DTW - 0.05'

Initiated purge at 0845. Purge Rate (gpm) 0.08 with 2' tubing

	DTW (ft)	PH (SU)	Temp (°C)	Cond (uS/cm)	DO (mg/L)	Turb (NTU)	ORP (mV)
1012	0.15	3.97	24.70	567	1.86	1.49	222.2
1015	0.15	3.96	24.68	564	1.85	0.74	207.2
1018	0.15	3.96	24.58	563	1.80	0.41	200.4

✓ clear/no odor

1019 Collected Sample MW-2S

1030 Set up on MW-9S-R DTW - 4.04'

Tubing at 6' purge rate 0.~~08~~ 10 gpm

1040 Well stable at 4.80'

1044 Set up on MW-36S DTW - 3.39

Tubing depth 6' purge rate 0.~~08~~ 12 gpm

②

PCS Moultrie 8/20/2013

1055 Well MW-36S stable at 4.10'

	DTW (ft)	PH (SU)	Temp (°C)	Cond (uS/cm)	DO (mg/L)	Turb (NTU)	ORP (mV)
1146	4.80	5.62	25.37	608	0.19	0.74	-19.0
1149	4.80	5.60	25.47	608	0.18	0.67	-15.3
1152	4.80	5.60	25.56	610	0.18	0.70	-17.7

✓ Clear/no odor

1154 Collected Sample for MW-9SR

	DTW (ft)	PH (SU)	Temp (°C)	Cond (uS/cm)	DO (mg/L)	Turb (NTU)	ORP (mV)
1158	4.15	5.90	25.53	255	0.32	11.3	-42.5
1201	4.15	5.89	25.56	255	0.29	11.5	-54.1
1204	4.15	5.85	25.49	255	0.25	9.3	-48.6

✓ clear/no odor ~~At~~ DUP-5

1206 Collected Sample for MW-36S

1230 L. Grigg off-site lunch

1324 Set up on MW-13-5R DTW-3.18'

Tubing set at 5.5' purge rate 0.11 gpm

1330 Well stable at 3.91'

1335 set up on MW-37S - DTW 2.70

Tubing set at 5.5' purge rate 0.12 gpm

1345 Well stable

③

PCS Moultrie 8/20/13

MW-13-SR readings

Time	DTW (Ft)	PH (SU)	Temp (°C)	Cond (uS/cm)	DO (mg/L)	Turb (NTU)	ORP (mV)
1431	3.95	5.85	23.11	635	0.22	0.46	-51.4
1434	3.95	5.85	23.17	634	0.22	0.46	-54.9
1437	3.95	5.86	23.18	634	0.21	0.47	-59.6

✓ clear / no odor

1438 Collected Sample for MW-13-SR

Time	DTW (Ft)	PH (SU)	Temp (°C)	Cond (uS/cm)	DO (mg/L)	Turb (NTU)	ORP
1451	3.76	6.62	23.32	963	0.29	0.77	-114.0
1454	3.76	6.62	23.43	960	0.26	0.67	-118.4
1457	3.76	6.63	23.50	962	0.26	0.67	-122.7

✓ clear / no odor

1458 Collected Samples for MW-375

1535 Set up on MW-275-R DTW-2.98'
Tubing placed at 5'. Purge rate 0.10 gpm

1545 well stable at DTW. 3.30'

Time	DTW (Ft)	PH (SU)	Temp (°C)	Cond. (uS/cm)	DO (mg/L)	Turb (NTU)	ORP (mV)
1657	3.30	6.51	26.42	841	0.13	2.14	-116.3
1700	3.30	6.50	26.35	843	0.13	2.11	-114.2
1703	3.30	6.50	26.33	843	0.13	2.08	-114.6

✓ no color, no odor

1705 Collected Sample for MW-275-R.

1800 Logan G. offsite

JD

④

PCS Moultrie 8/21/13

0800 L. Grigg set up on MW-385
DTW - 3.25' Tubing placed 5.5'
Purge Rate at 0.10 gpm.

0807 Begin purging well

0818 Well stable at DTW 3.75'

Time	DTW (Ft)	PH (SU)	Temp (°C)	Cond (uS/cm)	DO (mg/L)	Turb (NTU)	ORP (mV)
0935	3.65	6.11	23.90	281	0.21	1.07	-85.4
0938	3.65	6.12	23.91	282	0.22	1.10	-86.0
0941	3.65	6.12	23.91	283	0.21	0.95	-86.4

✓ clear, no odor

0943 Collected Sample on MW-385

0955 Set up on MW-11S DTW-2.90

1005 Initiated purge

1010 Well stable at 2.95 DTW
5' tubing purge rate 0.10 gpm

1017 Set up on MW-105-R
DTW 4.86' used 7' tubing
purge rate ~~0.10~~ 0.08 gpm

1025 Initiated purge

1030 Well stable at DTW 5.70

1057 Readings for MW-11S

Time	DTW (Ft)	PH (SU)	Temp (°C)	Cond (uS/cm)	DO (mg/L)	Turb (NTU)	ORP (mV)
1100	2.95	7.25	24.18	810	0.27	1.68	-72.3
1103	2.95	7.25	24.17	811	0.26	1.60	-72.5
1106	2.95	7.25	24.16	811	0.25	1.71	-72.5

JD

(5)

PCS Moultrie 8/21/13

1106 clear, no odor MW-11S cont.

1108 Collected Sample MW-11S

1140 Readings for MW-10S-R

Time	DTW (Ft)	pH (SU)	Temp (°C)	Cond (uS/cm)	DO (mg/L)	Turb (NTU)	ORP (mV)
1140	6.62	6.61	24.78	322	0.26	1.89	-32.1
1143	6.62	6.61	24.76	322	0.25	1.72	-34.8
1146	6.62	6.61	24.75	322	0.25	1.80	-35.5

✓ clear, no odor

1148 Collected Sample MW-10S-R

1205 L. Grigg off-site for lunch

1245 Back onsite

1250 Set up on MW-5S-R DTW: 3.89

Tubing placed at 6' purge rate 0.10 gpm

1303 ~~Well Stable at~~ Begin purge at 0.10

1309 Well stable at 4.75'

1315 Set up on MW-15-R DTW: 3.74

placed 6' tubing Purge Rate 0.10gpm

1320 Begin purge at 0.10 gpm

1328 Well stable at 4.25'

(6)

PCS Moultrie 8/21/13

Readings for MW-5S-R

Time	DTW (Ft)	pH (SU)	Temp (°C)	Cond (uS/cm)	DO (mg/L)	Turb (NTU)	ORP (mV)
1410	5.06	7.02	27.36	442	0.33	0.75	-50.3
1413	5.06	7.02	27.42	444	0.31	0.96	-50.9
1416	5.06	7.02	27.38	445	0.30	0.85	-53.4

✓ no color, no odor

1417 Sample Collected MW-5S-R

Readings for MW-15-R

Time	DTW (Ft)	pH (SU)	Temp (°C)	Cond (uS/cm)	DO (mg/L)	Turb (NTU)	ORP (mV)
1430	5.15	6.93	28.43	202	3.55	11.5	-31.5
1433	5.15	6.95	28.49	202	3.57	10.7	-35.5
1436	5.15	6.96	28.49	203	3.58	9.3	-38.2

✓ clear, no odor

1437 Sample Collected MW-15-R

1500 Set up on MW-39S DTW: 4.56

Placed 7' tubing Purge Rate 0.10gpm

1506 Begin Purge

1510 Well Stable at 4.70

Time	DTW (Ft)	pH (SU)	Temp (°C)	Cond (uS/cm)	DO (mg/L)	Turb (NTU)	ORP (mV)
1604	4.70	4.20	24.40	441	0.34	3.55	58.7
1607	4.70	4.21	24.37	442	0.33	2.34	54.2
1610	4.70	4.21	24.38	442	0.32	2.37	53.2

✓ clear, no odor

1612 Sample Collected MW-39S

(7) PCS Moultrie 8/21/13

1700 Logan Grigg offsite

(8) PCS Moultrie 8/22/13

0800 Set up on MW-65-R DTW: 3.56'
Tubing placed @ 6' depth
purge rate @ 0.06 gpm

0810 Well Stable @ DTW 4.10'

0814 Setup on MW-3S DTW: 2.00'
Placed 4' of tubing Purge
Rate

0820 Begin Purge

0825 Well Stable at DTW 3.65

0855 Pump battery died on
MW-65-R. When finished
with MW-3S will cont.
purging MW-65R. MW-65-R
purged 45 min.

Readings for MW-3S

Time	DTW (ft)	PH (SU)	Temp (°C)	Cond (uS/cm)	DO (mg/L)	Turb (NTU)	ORP
0957	3.70	3.91	25.95	1071	7.84	3.30	182.1
1000	3.70	3.95	26.00	1067	7.85	2.60	181.1
1003	3.70	3.99	26.06	1061	7.85	2.82	176.1

✓ no color, no odor

1005 Collected Sample and Dup-3
on MW-3S

(9)

PCS Moultrie 8/22/13

1010 Set back on MW-65-R

1013 Re-start purge with 63 minutes left to purge 3 well volumes.

Time	DTW (FT)	PH (SU)	Temp (°C)	Cond (uS/cm)	DO (mg/L)	Turb (NTU)	ORP (mV)
1116	4.58	3.78	27.15	1420	0.24	0.61	269.4
1119	4.58	3.80	27.21	1413	0.24	0.48	269.8
1122	4.58	3.81	27.26	1410	0.24	0.48	270.2

✓ clear, no odor

1123 Collected Sample + Dup 1 on MW-65-R

1200 L. Grigg offsite lunch

1230 Set up on MW-8I DTW: 10.52 Placed 32.5' tubing Purge Rate 0.08 gpm

1250 Well Stable DTW 10.55'

Time	DTW (FT)	PH (SU)	Temp (°C)	Cond (uS/cm)	DO (mg/L)	Turb (NTU)	ORP (mV)
1300	10.55	4.61	22.38	269	0.46	0.56	-24.9
1305	10.55	4.61	22.38	269	0.42	0.60	-28.7
1310	10.55	4.62	22.44	271	0.39	0.59	-36.1

✓ clear, no odor

1312 Collected Sample MW-8I

(10)

PCS Moultrie 8/22/13

1330 Set up on MW-30S DTW: 8.80 Placed Tubing 11' Purge Rate ~~0.08 gpm~~ 0.10 gpm

1340 Well Stable

Time	DTW (FT)	PH (SU)	Temp (°C)	Cond (uS/cm)	DO (mg/L)	Turb (NTU)	ORP (mV)
1606	8.99	4.43	25.15	642	3.45	0.46	113.6
1609	8.99	4.43	25.18	645	3.46	0.54	115.3
1612	8.99	4.43	25.22	645	3.46	0.58	115.9

✓ no color, no odor

1614 Collected Sample MW-30S

0900 Set up on MW-10I DTW: 5.05

0945 Well Stable Tubing placed at 37.5' Purge Rate 0.10 gpm

Time	DTW (FT)	PH (SU)	Temp (°C)	Cond (uS/cm)	DO (mg/L)	Turb (NTU)	ORP (mV)
0955	7.04	5.95	22.23	86	0.54	1.15	-109.7
1000	7.04	5.91	22.24	85	0.55	1.68	-122.0
1005	7.04	5.88	22.22	85	0.55	1.87	-136.9

✓ clear, no odor

1012 Sample Collected MW-10I

1033 Set up on MW-1I-R, DTW: 6.34' Placed 35' tubing Purge Rate is at 0.10 gpm

1039 Well Stable

(11)

PCS Moultrie 8/23/13

Readings for MW-1IR

Time	DTW (ft)	PH (SU)	Temp (°C)	Cond (us/cm)	DO (mg/L)	Turb (NTU)	ORP (mV)
1051	6.80	4.65	23.32	141	0.60	0.60	-71.3
1056	6.80	4.65	23.31	141	0.59	0.64	-66.1
1101	6.80	4.64	23.25	140	0.56	0.62	-65.9

✓ clear, no odor

1106 Collected Sample MW-1I-R

1130 Set up on MW-2I DTW: 5.25

1135 Well stable at 5.35'

Time	DTW (ft)	PH (SU)	Temp (°C)	Cond (us/cm)	DO (mg/L)	Turb (NTU)	ORP (mV)
1145	5.35	4.16	21.73	130	0.53	1.37	-1.6
1150	5.35	4.16	21.81	131	0.53	0.96	-1.7
1155	5.35	4.17	21.81	131	0.53	0.88	-1.0

✓ clear no odor

1200 Collected Samples: MW-2I and EQ-2

1215 set up on MW-6I DTW 5.60

1220 Well stable at 5.83'. Placed 35' of tubing at Purge Rate 0.10 gpm.

(12)

PCS Moultrie 8/23/13

Readings for MW-6I

Time	DTW (ft)	PH (SU)	Temp (°C)	Cond (us/cm)	DO (mg/L)	Turb (NTU)	ORP (mV)
1230	5.83	6.32	23.84	1034	1.91	4.46	-47.6
1235	5.83	6.32	23.83	1031	1.90	3.60	-47.7
1240	5.83	6.32	23.74	1029	1.90	2.84	-47.1

✓ clear, no odor

1246 Collected Sample MW-6I

(13)

PCS Moultrie 8/27/13

0800 Set up on MW-15S DTW: 7.89' Placed 10' tubing in well. Purge Rate 0.08 gpm

0835 Well Stable

Time	DTW ft	pH SU	Temp °C	Cond uS/cm	DO mg/L	Turb NTU	ORP mV
0948	8.36	3.59	22.14	1684	0.27	0.52	348.6
0951	8.36	3.61	22.18	1686	0.26	0.47	343.2
0954	8.36	3.62	22.21	1683	0.26	0.58	341.1

clear no odor

1000 Collected Sample on MW-15S

1010 Set up on MW-7I DTW: 7.66 Placed 50' tubing Purge Rate 0.10 gpm

1025 Well Stable

Time	DTW ft	pH SU	Temp °C	Cond uS/cm	DO mg/L	Turb NTU	ORP mV
1040	9.10	5.29	22.22	743	1.10	9.66	38.6
1045	9.10	5.27	22.17	744	1.08	4.20	39.7
1050	9.10	5.26	22.16	744	1.02	3.95	39.2

clear no odor

1056 Collected Sample MW-7I

(14)

PCS Moultrie 8/27/13

1100 L. Grigg offsite lunch

1200 Set up on MW-35S DTW: 8.10 Placed 10.5' tubing Purge Rate @ 0.08 gpm

1225 Well Stable

Time	DTW ft	pH SU	Temp °C	Cond uS/cm	DO mg/L	Turb NTU	ORP mV
1404	8.90	4.00	27.39	659	0.24	0.55	85.5
1407	8.90	4.03	27.34	659	0.25	0.57	89.2
1410	8.90	4.04	27.34	660	0.25	0.54	90.4

clear no odor

1415 Collect Sample MW-35S

1427 Set up on MW-28S DTW: 8.65' Placed 11' tubing Purge Rate 0.08 gpm.

1450 Well Stable

Time	DTW ft	pH SU	Temp °C	Cond uS/cm	DO mg/L	Turb NTU	ORP mV
1620	10.32	5.27	26.97	1590	0.64	4.26	5.0
1623	10.32	5.27	26.89	1592	0.62	3.97	4.6
1626	10.32	5.25	26.90	1594	0.62	3.64	5.0

clear, no odor

1629 Sample collected MW-28S

(15) PCS Moultrie 8/28/13

0910 Set upon MW-31S DTW 9.80
Placed 12' tubing Purge Rate
0.08 gpm.

1100 Set upon MW-3I DTW: 6.80'
37.5' tubing placed in well
Purge Rate 0.10 gpm

1115 well Stable

Time	DTW ft	PH SU	Temp °C	Cond uS/cm	DO mg/L	Turb NTU	ORP mV
1135	6.91	5.25	24.02	318	0.43	1.56	-96.1
1140	6.91	5.24	23.91	317	0.44	1.40	-95.3
1145	6.91	5.24	23.89	317	0.43	1.36	-96.1

clear, no odor

1150 Collected Sample MW-3I

Set back up on MW-31S

Time	DTW ft	PH SU	Temp °C	Cond uS/cm	DO mg/L	Turb NTU	ORP
1232	26.34	4.77	27.37	150	3.54	5.76	11.4
1235	26.34	4.77	27.42	150	3.58	5.63	13.2
1238	26.34	4.77	27.46	151	3.56	5.56	13.6

clear, no odor

1245 Collected Sample MW-31S

1305 Set upon MW-29S DTW: 8.40'
Placed 11' tubing in well
Purge Rate 0.08 gpm

(16) PCS Moultrie 8/28/13

1320 well Stable

Time	DTW ft	PH SU	Temp °C	Cond uS/cm	DO mg/L	Turb NTU	ORP mV
1526	8.65	4.66	29.13	1294	0.19	2.36	46.7
1529	8.65	4.64	29.17	1296	0.19	3.51	47.4
1532	8.65	4.64	29.17	1302	0.20	3.07	39.2

clear, no odor

1536 Collected Sample for MW-29S and Dup-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 (mS/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

FFF

Moultrie

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ALL-WEATHER

LEVEL

FIELD BOOK

№ 310

Book 6

(1)

8/19/13 FFF Moultrie SA

0945 E. Mann, D. Hilton, L. Gregg + Brett Mckee on site, check in at office.

1000 Have H&S meeting + go over HASP / Sign off

Weather: Mostly cloudy 70% chance of rain, High temp 91°F, light wind

1025 Begin to open wells to allow to equilibrate.

1030 Del talk with Gary about black viscous stuff around MW-42S. The retaining wall around the saddle holders-east retaining wall & piping & around saddle holders was removed & lime (dolomitic) was placed in the area - removed late July-early August - see pictures

(2)

Groundwater

Water levels

Well ID	DTW (ft)	Well ID	DTW (ft)
MW-48S	8.46	MW-7SR	5.01
MW-30S	8.96	MW-9SR	4.42
MW-28S	8.30	MW-13SR	3.34
MW-35S	7.88	MW-37S	2.87
MW-29S	7.90	MW-27SR	3.03
MW-13I	12.85	MW-38S	5.28
MW-31S	9.61	MW-11S	2.81
MW-49S	3.68	MW-10SR	4.67
MW-40S	7.34	MW-10I	5.30
MW-41S	2.51	MW-36S	3.63
MW-32I	8.31	MW-1SR	3.15
MW-32SR	3.63	MW-1IR	3.08
MW-21S	1.16	OW-3S-R2	2.72
MW-12S	8.74	OW-3S-I(1)	5.33
MW-12I	8.78	RW-3S	9.98
MW-7I	7.53	MW-3S	1.45
MW-15S	7.70	MW-3I	6.51
MW-6SR	3.58	MW-6I	4.34
MW-8I	10.52	MW-39S	4.49
MW-2S	0.65	MW-5SR	3.61
MW-2I	5.15	MW-26S	3.02

8/19/13 FFF Monitoring

Water levels

Well ID	DTW (ft)	Well ID	DTW (ft)
MW-20s	0.25	FFFW-2-R	16.54
MW-4s	1.68	MW-TP4s	13.87
MW-18s	+0.03	MW-24s	12.41
MW-43s	3.30	MW-TP3s	1.37
FFFW-3-R	4.07	MW-25s	3.50
MW-42s	0.83	MW-TP2s	2.98
MW-22s	1.63	MW-33s	7.70
MW-44s	5.78	MW-46s	3.17
FFFW-1-R	4.83	MW-34s	2.14
MW-TP5s	9.22	MW-34I	3.76
MW-TP5I	15.11	MW-19s	2.99
OW-TP5s-1	11.83		
RW-TP5s	12.01		
OW-TP5s-2	9.98		
FFFW-4-R	6.08		
MW-45s	8.63		
MW-TP1I	10.33		
MW-TP-1s	11.16		
MW-23s	12.95		
MW-47s	17.59		
FFFW-2I	16.95		

SA Groundwater

1535 End collection of water levels.

1548 Discuss sampling of wells.

1624 Logan + go to buy supplies.

1630 Off site as thunderstorms approach.

1945 E. Mann + B Mckeen set up to calibrate equipment

Logan G YSI 556 mps # 11B100652

Turb Meter # 10100C004743

E. Mann YSI 556 mps # 11F102275

Turb Meter # 10080C003867

2115 Finish calibration + all parameters pass.

8/20/13 FFF Moultrie

0700 E. Mann, L. Gregg, Bret Meker on site. Have H+S tailgate + discuss ticks, Heat Stress, Slips, Trips, falls, Traffic.

0715 Gather equipment for sampling.

Groundwater Sampling

Weather mostly cloudy, 50% chance rain High temp 92°F, light winds, much rain last night.

Well ID	Water level (ft bl TOC)	Well Depth (ft bl TOC)	Well Vol (G)
MW-32I	8.09	30.14	3.54
MW-32S-R	3.47	15.75	1.97
MW-12S	8.64	24.94	2.61
MW-12I	8.58	38.56	4.80
MW-49S	3.16	34.15	4.96
MW-40S	7.30	34.52	4.36

Well ID	Time (EST)	Water level	Rate (gpm)	Purge Vol (G)	Temp (°C)	Cond (µS/cm²)	DO (mg/L)	ORP (mV)	pH (SU)	Turb (NTU)	Observations color/odor
MW-32I	0851	8.09	0.25	11	~~23.2~~						
pp	0835	9.38	↓	~~12.25~~ 11	23.45	3054	0.24	226.4	3.94	2.31	clear/slight
top wl	0940	9.38		~~13.25~~ 12	23.45	3004	0.21	229.0	3.93	2.93	"
	0945	9.38		13.5	23.47	2963	0.18	231.8	3.92	2.47	"

0947 Collect [MW-32I] + [DUP-7]

0952 Decon water level meter

TD = 30.20

8/20/13

(7) FFF Mountrie SA Groundwater Sampling (8)

Well ID	Time (EST)	Water level	Rate (gpm)	Purge Vol (G)	Temp (°C)	Sp Cond (µS/cm³)	DO (mg/L)	ORP (mV)	pH (SU)	Turb (NTU)	Observe color/odor
MW-32S-R	0848	3.47	0.1								
PP Top wt	1003	5.35	↓	7.5	26.74	2056	0.26	176.4	6.06	6.07	slight yellow slight odor
	1006	5.35		7.8	26.86	2084	0.20	167.8	6.07	4.86	
	1009	5.37		8.1	26.86	2101	0.20	161.4	6.08	4.84	↓
1011	Collect	MW-32S-R					TD =	15.77			
1015	Decon water level meter										
MW-12I	1100	8.58	0.1								
PP pt mid screen	1107	8.76	↓	0.7	22.93	400	0.43	138.2	4.68	4.06	clear/no
	1112	8.76		1.2	22.98	395	0.25	147.8	4.64	3.18	↓
	1117	8.77		1.7	22.97	395	0.25	155.5	4.60	2.64	
1119	Collect	MW-12I					TD =	38.59			
1125	Decon water level meter										
MW-12S	1051	8.64	0.1								
PP top wt	1206	12.86	0.1	8.0	23.12	8864	0.15	238.0	3.60	10.1	clear/slight
	1209	12.84	0.1	8.3	23.09	8823	0.14	236.5	3.61	10.0	↓
	1212	12.85	0.1	8.6	23.06	8752	0.13	235.0	3.55	9.18	
1214	Collect	MW-12S	+	DUP-6			TD =	24.96			

(9) FFF Monitoring SA Groundwater Sampling (10)

Well ID	Time (EST)	Water level	Rate (gpm)	Purge Vol (L)	Temp (°C)	SP Cond (uS/cm²)	DO (mg/L)	ORP (mV)	pH (su)	Turb (NTU)	Observa color/odor
MW-49s	1340	3.16	0.15								
pp TOP WL	1413	23.07	Slow purge rate			to try and stabilize water level					
	1713	Pumped	out	12.5	Stop	purge to allow well to recover overnight					
8/21/13	1210	4.13	Resume purge								
	1235	15.73	0.1	15.0	27.70	51	3.64	124.2	5.58	103	cloudy/no
	1240	17.28		15.5	27.67	51	3.54	125.3	5.61	101	↓
	1245	18.68		16.0	27.72	51	3.64	130.8	5.57	99.9	↓
1247	Collect	MW-49s									
1249	Collect	MW-49s (Filtered)						TD =	35.18		
MW-40s	13.54	7.30	0.2								
pp TOP WL	1415	Slow purge rate to 0.1 gpm									
	1544	22.75	0.1	13.1	25.87	81	1.40	101.0	5.48	6.43	clear/no
	1547	22.76	↓	13.4	25.94	80	1.41	99.6	5.51	6.42	↓
	1550	22.77	↓	13.7	25.85	79	1.43	99.9	5.56	6.40	↓
1552	Collect	MW-40s						TD =	34.55		
MW-13I	1628	12.81	0.1								
pp mid pt screen	1638	13.24	↓	1.0	24.01	134	0.22	110.5	6.51	4.26	clear/no
	1643	13.27	↓	1.5	24.07	135	0.17	105.6	6.53	3.64	↓
	1648	13.29	↓	2.0	24.09	133	0.17	104.0	6.57	3.40	↓
1650	Collect	MW-13I						TD =	53.87		
1657	Decon water level meter.										

8/20/13

(11)

FFF Moultrie

1713 Cannot purge any more water out of MW-49s. Will come back tommorrow + collect sample.

1730 All purge water placed in drums + we leave site.

1910 Verify YSI 556 MPS + all parameters pass verify.

8/21/13

SA Groundwater

(12)

0700 E. Mann, L. Gregg, B. Meker on site. Have H&S meeting + discuss traffic, proper lifting, eye safety, slips, trips, falls.

0715 Load equipment to begin sampling.

Well ID	Water level (ft bl TOC)	Well Depth (ft bl TOC)	Well Vol (G)
MW-34s	2.26	14.77	2.00
MW-34I	3.53	45.63	6.74
MW-TP1I	10.39	48.09	6.04
MW-TP1s	11.16	20.08	1.43
MW-TP4s	13.90	24.59	1.72
MW-24s	12.44	29.64	2.76
MW-TP5s	9.11	24.97	2.54
MW-TP5I	15.05	52.78	6.04
MW-43s	3.33	17.68	2.30 ~~3.33~~
FFFW-3-R	4.24	17.12	2.07
FFFW-4-R	6.35	17.66	1.81
MW-45s	8.58	22.56	2.24
MW-47s	17.63	31.64	2.24

(13) 8/21/13 FFF Monitnic SA Groundwater Sampling (14)

Well ID	Time (EST)	Water level	Rate (gpm)	Purge Vol (L)	Temp (°C)	Sp cond (µS/cm²)	DO (mg/L)	ORP (mV)	pH (SU)	Turb (NTU)	Observa color/odor
MW-34S	0750	2.26	0.1								
pp TOP WC	0850	4.00	↓	6	25.68	15153	0.16	184.8	6.00	4.34	slightly yellow/no
	0853	4.00		6.3	25.71	15124	0.18	183.7	6.00	4.42	↓
	0856	4.00		6.6	25.71	15079	0.14	182.2	6.01	3.75	
0858	Collect	MW-34S						TD =	14.80		
MW-34I	0800	3.55	0.2								
pp mid pt screen	0825	12.56	0.05	5 →	Turb	423 NTU	Slow purge rate				
	0915	7.95	↓		22.67	85	3.22	88.7	5.97	447	cloudy/no
	0920	7.97			22.68	83	3.27	93.8	5.96	344	↓
	0925	7.98			22.65	81	3.46	98.1	5.95	336	
0927	Collect	MW-34I						TD =	45.65		
0929	Collect	MW-34I (filtered)									
MW-TP1I	1014	10.39	0.1								
pp mid pt screen	1024	11.27	↓	1	22.14	50	5.38	99.0	6.15	5.94	clear/no
	1029	11.28		1.5	22.07	50	5.37	101.4	6.18	6.09	↓
	1034	11.30		2.0	22.05	49	5.31	108.2	6.15	6.11	
1036	Collect	MW-TP1I						TD =	48.09		

8/21/13

(15) FFF Moultrie SA Groundwater Sampling (16)

Well ID	Time (EST)	Water Level	Rate (gpm)	Purge Vol (G)	Temp (°C)	SP Cond (mS/cm³)	DO (mg/L)	ORP (mV)	pH (SU)	Turb (NTU)	Odors Color/Odor
MW-TP1S	1017	~~10.39~~ 11.16									
PP	1057	11.23		4.5	22.06	254	2.44	134.4	5.63	8.85	Clear/NO
TOP WC	1100	11.23		4.8	22.07	254	2.43	132.9	5.62	5.45	↓
	1103	11.24		5	22.06	253	2.47	131.1	5.58	4.80	↓
1105	Collect	MW-TP1S						TD =	20.18		
MW-TP4S	1317	13.90	0.1								
PP	1412	14.22	↓	5.5	23.30	116	3.52	161.7	5.15	3.51	Clear/NO
TOP WC	1415	14.22	↓	5.8	23.28	115	3.49	161.9	5.13	3.23	↓
	1418		↓	6.1	23.30	115	3.37	163.2	5.11	3.17	↓
1420	Collect	MW-TP4S						TD =	24.60		
MW-24S	1326	12.44	0.1								
PP	1451	12.93	↓	8.5	23.74	93	4.37	148.0	5.67	3.76	Clear/NO
TOP WC	1454	12.93	↓	8.8	23.67	93	4.34	147.1	5.62	4.04	↓
	1457	12.93	↓	9.1	23.77	93	4.35	146.6	5.61	3.87	↓
1459	Collect	MW-24S						TD =	29.64		

1515 Perform decon on Water Level

1532 Go back to dump purge water

1600 Thunderstorms / leave site

1900 Begin to verify YSI 556 MPS

2000 Verify complete all parameters pass

8/22/13

(17) FFF Monitrix SH

0700 E. Mann, L. Gregg, B. McKee on site. Have H+S meeting & discuss PPE, Hydration, Slips, trips falls, Traffic.

Well ID	Time (EST)	Water Level	Rate (gpm)	Purge Vol (G)	Temp (°C)	Sp Cond (us/cm³)	DO (mg/L)	ORP (mV)	pH (SU)	Turb (NTU)	Observe color/odor
MW-TP5s	0737	9.11	0.1								
PP to PVC	0751	14.58	Slow purge rate to 0.05 gpm								
	0957	14.85	0.05	7.70	22.98	20111	0.18	389.0	3.25	3.84	clear/no
	1000	14.83	↓	7.85	23.03	20102	0.16	389.0	3.26	3.38	↓
	1003	14.82	↓	8.00	23.06	20111	0.17	390.3	3.26	4.15	↓
1006	Collect MW-TP5s + Dup-4							TD = 24.97			
1016	Decon water level meter										
MW-TP5I	0738	15.05	0.2								
PP mid pt screen	0802	24.83	Slow rate to 0.1 gpm / High turbidity.								
	0930	20.89	0.1	9.28	22.62	~~108~~ 48	0.78	197.4	5.99	279	cloudy/no
	0935	20.97	↓	9.78	22.66	48	0.70	196.0	5.93	267	↓
	0940	21.30	↓	10.28	22.71	47	0.67	196.6	5.90	256	↓
0941	Collect MW-TP5I							TD = 52.71			
0943	Collect MW-TP5I (Filtered)										
0956	Decon water level meter										

Groundwater Sampling (18)

Weather: Partly cloudy Hi temp 92°F 40% chance of rain, light SE winds

FFF Moultrie SA Groundwater Sampling

Well ID	Time (EST)	Water level	Rate (SPM)	Purge Vol (L)	Temp (°C)	Sp Cond (µS/cm³)	DO (mg/L)	ORP (mV)	pH (SU)	Turb (NTU)	Observe color/odor
FFFW-3-R	1057	4.24	0.1								
PP TOP WC	1200	6.21		6.3	26.76	1941	0.09	68.4	5.67	3.80	clear/no
	1203	6.16		6.6	26.78	1929	0.08	70.0	5.66	3.83	↓
	1206	6.16		6.9	26.80	1932	0.08	71.5	5.62	3.47	↓
1208	Collect	FFFW-3-R					TD = 17.15				
1218	Decon water level meter										
MW-435	1104	~~6.11~~ 3.33									
PP TOP WC	1214	5.51	0.1	7.0	27.09	1583	0.16	65.0	5.59	3.63	clear/slight
	1217	5.57	↓	7.3	27.11	1584	0.12	66.8	5.60	4.00	↓
	1220	5.59	↓	7.6	27.07	1585	0.10	68.8	5.64	3.55	↓
1222	Collect	MW-435					TD = 17.70				
1234	Decon water level meter										
FFFW-4-R	1335	6.35	0.08								
PP TOP WC	1506	11.46	↓	7.0	26.20	403	0.23	5.6	6.28	236	cloudy/no
	1509	11.74	↓	~~7.3~~ 7.24	26.16	418	0.40	9.9	6.31	235	↓
	1512	11.86	↓	~~7.6~~ 7.48	26.15	443	0.56	14.1	6.32	232	↓
	1515	11.94	↓	7.72	26.12	455	0.56	17.0	6.34	224	↓
	1518	11.98	↓	7.96	26.15	459	0.63	19.2	6.32	223	↓
1519	Collect	FFFW-4-R					TD = 17.66				
1524	Collect	FFFW-4-R (Filtered)									
1531	Decon water level meter										

8/22/13

(21) FFF Monitoring SA Groundwater (22)

Well ID	Time (EST)	Water level	Rate (GPM)	Purge Vol (G)	Temp (°C)	Sp Cond (uS/cm)	DO (mg/L)	ORP (mV)	pH (SU)	Turb (NTU)	Observe color/odor
MW-45s	1329	8.58	0.1								
PP	1439	12.73	↓	7.0	24.30	9336	0.07	-169.8	7.32	5.19	clear/no
Top WC	1442	12.73	↓	7.3	24.35	9324	0.06	-180.2	7.32	5.39	↓
	1445	12.73	↓	7.6	24.32	9325	0.06	-161.3	7.31	6.69	↓

1447 Collect [MW-45s] TD = 22.58

1458 Decon water level meter.

1557 Collect [EQ-1] at MW-47s using URS DI water

MW-47s	1608	17.63	~~0.125~~ 0.14								
PP	1658	17.73	~~0.125~~ 0.14	7.0	21.51	50	4.48	53.7	5.45	6.84	clear/no
Top WC	1701	17.73	↓	7.42	21.47	50	4.51	58.5	5.44	6.59	↓
	1704	17.73	↓	7.84	21.49	49	4.51	62.9	5.43	7.16	↓

1706 Collect [MW-47s] TD = 31.64

1714 Decon water level meter

1732 Dump purge water into drum.

1745 Leave site

1930 Begin to verify YSI 556 MPS

2005 End verification of YSI 556 MPS and all parameters pass.

8/23/13

(23) FFF Moultrie SA

0700 E. Mann + B. Maker on site
Have H&S meeting + discuss slips trips falls, Hand + eye safety traffic.
Weather: mostly sunny, 70% chance afternoon showers. High 90°F, light winds
0715 Gather equipment to sample

Well ID	Time (EST)	Water Level	Rate (spm)	Purge Vol (G)	Temp (°C)
FFFW-2I	0739	17.04	0.23		
pp	0759	17.58		2	21.51
mid pt screen	0804	17.58		3	21.51
	0809			4	21.52
0811	Collect FFFW-2I				
0820	Decon water level meter.				
FFFW-2-R	0845	16.63	0.11		
pp	0840	16.75		6.30	21.35
mid pt screen	0843	16.75		6.63	21.37
	0846	16.75		6.99	21.36
0848	Collect FFFW-2-R				
0959	Decon water level meter.				

Groundwater Sampling (24)

Well ID	Water level (ft bl TOC)	Well Depth (ft bl TOC)	Well Vol (G)
FFFW-2-R	16.63	29.32	2.04
FFFW-2I	17.04	52.69	5.71
mw-23s	12.64	31.38	3.00

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Sp Cond (µs/cm³)	DO (mg/L)	ORP (mV)	pH (SU)	Turb (NTU)	Observations color/odor
360	1.40	72.8	5.46	6.45	clear/no
359	1.43	84.7	5.44	5.18	↓
363	1.47	97.1	5.42	4.59	↓
TD = 52.72					
4830	0.33	438.9	3.99	5.04	clear/no
4919	0.33	457.8	3.98	4.80	↓
4971	0.34	475.1	3.96	4.56	↓
TD = 29.32					

08/23/13

(25) FFF Moultrie SA Groundwater Sampling (26)

Well ID	Time (EST)	Water level	Rate (gpm)	Purge Vol (G)	Temp (°C)	SP Cond (uS/cm³)	DO (mg/L)	ORP (mV)	pH (SU)	Turb (NTU)	Observation color/odor
MW-23S	0955	12.64	0.16								
PP	1053	17.16	↓	9.30	22.12	131	1.61	222.1	5.03	5.36	clear/no
TD	1056	17.19		9.78	22.11	131	1.60	223.2	5.02	4.55	↓
WC	1059	17.22		10.26	22.12	131	1.63	224.5	5.00	4.15	

TD = 31.37

1101 Collect MW-23S

1115 Decon water level meter.

1135 Go back + dump purge water into drums.

1147 Go to get leaky tire repaired

1238 Get with Logan + fill out COC's for Lab

1345 Clean up drums

1410 Leave site for Lab + office

8/27/13

(27)

FTF Moultrie SA

0700 E. Mann on site. Wait for L. Gregg. Unload drums & get equipment out. YSI 556 calibrated last night/all parameters calibrate.

0715 H+S meeting & discuss slips trips, falls, traffic, PPE, proper lifting.

Weather: Partly cloudy 20% chance of rain, High temp 90°F, light NE wind

Well ID	Time (EST)	Water level	Rate (gpm)	Purge Vol (G)	Temp (°C)	Cond (µs/cm³)	DO (mg/L)	ORP (mV)	pH (SU)	Turb (NTU)	Observation Color/Odor
MW-21S	0750	1.89	0.1								
PP	0920	9.07	↓	9.0	22.28	4236	0.99	75.1	6.53	6.53	clear/slight
TOP	0923	9.07	↓	9.3	22.28	4255	1.01	48.2	6.52	6.38	↓
WL	0926	9.07	↓	9.6	22.29	4266	1.04	31.2	6.51	6.11	↓
0928	Collect	MW-21S									
0938	Decon water level meter.										
MW-41S	0807	2.65	0.2								
PP	0913	4.43	↓	13.2	24.34	2397	0.14	177.1	4.28	4.31	clear/no
TOP	0916	4.43	↓	13.8	24.35	2393	0.13	179.6	4.28	4.04	↓
WL	0919	4.43	↓ 14.4	~~14.4~~	24.35	2391	0.12	180.6	4.28	3.97	↓
0921	Collect	MW-41S									
0946	Decon water level meter.										

(28)

Groundwater Sampling

Well ID	Water level (ft bl TOC)	Well Depth (ft bl TOC)	Well Vol (G)
MW-41S	2.65	~~19.41~~ 29.81	4.35
MW-21S	1.89	~~29.81~~ 19.41	2.81
MW-TP3S	2.24	19.37	2.75
MW-25S	4.06	14.18	1.62
MW-33S	7.81	27.23	3.11
MW-TP2S	4.08	19.92	2.54

TD = 19.43

TD = 29.83

8/27/13

(29) FFF Mauthrie SK Groundwater Sampling (30)

Well ID	Time (EST)	Water level	Rate (gpm)	Purge Vol (G)	Temp (°C)	SP Cond (mS/cm³)	DO (mg/L)	ORP (mV)	pH (SU)	Turb (NTU)	Observe Color/Odor
MW-TP3s	1034	2.24	0.2								
PP	1116	6.71	↓	8.4	21.55	199	0.45	120.7	5.24	4.83	Clear/NO
TOP WC	1119	6.71	↓	9.0	21.58	198	0.45	122.4	5.24	4.95	↓
	1122	6.71	↓	9.6	21.53	199	0.47	123.7	5.26	4.83	↓
1124	Collect MW-TP3s						TD = 19.38				
1137	Decon water level meter.										
MW-25s	1107	4.66	0.08								
PP	1210	4.69	↓	5.04	26.20	209	0.64	150.9	4.90	5.99	Clear/NO
TOP WC	1213	4.69	↓	5.28	26.21	210	0.62	152.5	4.88	5.82	↓
	1216	4.69	↓	5.52	26.25	211	0.57	154.1	4.88	5.87	↓
1218	Collect MW-25s						TD = 14.35				
1230	Decon water level meter.										
MW-33s	1342	7.81	0.2								
PP	1430	8.20	↓	9.6	21.23	113	4.22	159.4	4.94	4.55	Clear/NO
TOP WC	1433	8.20	↓	10.2 ~~9.6~~	21.27	114	4.20	159.8	5.01	4.45	↓
	1436	8.20	↓	10.8	21.27	113	4.21	159.4	5.02	4.45	↓
1438	Collect MW-33s						TD = 27.27				
1447	Decon water level meter.										

8/27/13

(31) FFF Moultrie SA

Groundwater Sampling (32)

Well ID	Time (EST)	Water level	Rate (gpm)	Purge Vol (G)	Temp (°C)	Sp Cond (ms/cm³)	DO (mg/L)	ORP (mV)	pH (SU)	Turb (NTU)	Observation Color/Odor
MW-TP2s	1409	4.08	0.15								
PP	1501	5.29	↓	7.80	24.49	169	0.08	39.3	6.01	19.1	clear/slight
TP? WC.	1504	5.29	↓	8.25	24.64	169	0.07	35.8	5.94	20.2	↓
	1507	5.29	↓	8.70	24.69	169	0.07	34.3	5.94	19.2	↓

TD = 19.97

1509 Collect MW-TP2s

1512 Collect MW-TP2s (Filtered)

1525 Decon water level meter.

1545 Go back + dump purge water into drum.

1600 Begin to button up and label drums that are full.

1630 Go over sample logs + check to make sure of wells sampled.

2100 Begin verification of YSI 556 + all parameters pass.

2200 End verification

8/28/13

FFF Moultrie SA

0700 E. Mann on site. Wait for L. Gregg. Begin to load equipment for sampling.

0730 Still no Logan. Go over JSA & sign off.

0735 Get call from Logan & he is on his way.

Weather mostly sunny, 20% chance of rain High temp 90°F, light winds.

Well ID	Time (EST)	Water Level	Rate (gpm)	Purge Vol (G)	Temp (°C)	SP cond (µs/cm³)	DO (mg/L)	ORP (mV)	pH (SU)	Turb (NTU)	Observed color/odor
MW-26s	0800	7.98	0.1								
pp	0900	9.00	↓	6.0	23.92	170	2.71	180.2	6.25	5.57	clear/NO
top	0903	9.00		6.3	23.91	172	2.82	179.8	6.26	5.70	↓
we	0906	9.00		6.6	23.91	173	2.79	179.7	6.26	5.79	
0908	Collect	MW-26s						TD = 19.55			
0920	Decon	water	level	meter.							
MW-46s	0837	3.45	0.1								
pp	0933	7.31	↓	5.6	26.39	294	1.12	280.6	4.84	5.44	clear/NO
top	0936	7.32		5.9	26.34	296	1.04	281.6	4.84	5.52	↓
we	0939	7.33		6.2	26.32	297	0.95	282.3	4.84	5.28	
0941	Collect	MW-46s						TD =	22.41		
0951	Decon	water	level	meter.							

Groundwater Sampling

Well ID	Water level ft bl TOC	Well Depth (ft bl TOC)	Well Vol (G)
MW-26s	7.98	19.53	1.85
MW-46s	3.45	14.41	1.76
MW-22s	1.67	15.25	2.18
MW-44s	5.81	22.38	2.66
MW-18s	0.31	12.77	2.00

8/28/13

(35) FFF Mauthrie SA

Groundwater Sampling (36)

Well ID	Time (EST)	Water level	Rate (gpm)	Purge Vol (G)	Temp (°C)	Sp cond (ms/cm²)	DO (mg/L)	ORP (mV)	pH (SU)	Turb (NTU)	Observations color/odor
MW-22s	1218	1.67	0.1								
PP	1325	9.41	0.1	6.7	26.27	308	0.55	5.5	6.52	6.94	Clear/No
TOP	1328	9.42	0.1	7.0	26.28	301	0.52	8.6	6.48	6.65	↓
WC	1331	9.42	0.1	7.3	26.31	294	0.51	10.1	6.45	5.32	↓
1333	Collect	MW-22s					TD = 15.31				
~~MW-44s~~	1342	Decon water level meter.									
MW-44s	1248	5.81	0.1								
PP	1410	15.61	↓	8.2	27.13	574	1.19	87.7	6.27	10.5	Clear/No
TOP	1413	15.61	↓	8.5	27.13	573	1.10	85.8	6.38	10.2	↓
WC	1416	15.62	↓	8.8	27.11	573	1.03	84.9	6.44	10.1	↓
	1419	15.62	↓	9.1	27.12	574	1.01	84.4	6.47	10.0	↓
	1422	15.62	↓	9.4	27.14	~~1534~~ 574	0.97	83.8	6.49	9.11	↓
1424	Collect	MW-44s					TD = 22.40				
1431	Decon water level meter.										
MW-18s	1527	0.31	0.15								
PP	1609	1.71		6.30	23.46	481	0.16	73.8	5.22	4.23	Clear/Slight
TOP	1612	1.71		6.75	23.41	477	0.16	79.8	5.21	4.27	↓
WC	1615	1.71		7.20	23.39	473	0.17	84.5	5.19	4.11	↓
1617	Collect	MW-18s					TD = 12.83				
1625	Decon water level meter.										

(37) FFF 8/28/13 Moultrie SA Groundwater Sampling (38)

Well ID	Time (EST)	Water level	Rate (Spm)	Purge Vol (G)	Temp (°C)	Sp Cond (us/cm³)	DO mg/L	ORP (mV)	pH (Su)	Turb (NTU)	Observed color/odor
MW-4s	1210	1.85	0.04								
PP	1357	10.20	↓	5.0	30.53	2554	0.34	174.7	5.91	2.24	Clear/Slight
TOP	1400	10.28		5.12	30.67	2382	0.33	173.2	5.88	2.25	↓
WL	1403	10.35		5.24	30.73	2337	0.34	172.8	5.87	2.22	
1408	Collect	MW-4s					TD = 11.78				
1417	Decon	water level	meter.								
MW-20s	1524	0.50	0.12								
PP	1625	4.35	↓	7.50	26.35	355	0.09	-53.8	6.29	2.43	Clear/Slight
TOP	1628	4.35		7.86	26.38	354	0.09	-55.6	6.30	2.23	↓
WL	1631	4.35		8.22	26.41	356	0.09	-56.9	6.31	2.19	
1633	Collect	MW-20s					TD = 14.86				
1641	Decon	water level	meter								

* Wells on this page sampled by Brett McKee

2000 Begin to verify equipment
2100 All parameters pass verification

8/29/13

FFF Moultrie SA

0700 E. Mann + B. McKee on site work with Brett on verifying equipment.
0750 Logan Greggs on site.
0800 Have H+S meeting and discuss traffic, ticks, fire ants, PPE, slips, trips, falls.
0810 Load equipment for sampling
0820 Collect EQ-3 at mw-42s using DI water from URS decon rm.

~~mw-42s 0823~~

PP
TDP
WC

Well ID	Time (EST)	Water Level	Rate (gpm)	Purge Vol (G)	Temp (°C)	Cond (µs/cm³)	DO (mg/L)	ORP (mV)	pH (SU)	Turb (NTU)	Observe Color/Odor
mw-42s	0823	1.13	0.17								
PP	0955	4.56	↓	15.0	23.12	5947	0.49	196.9	5.02	21.4	cloudy/NO
TDP WC	0958	4.56		15.51	23.13	5941	0.44	197.2	5.02	21.2	↓
	1001	4.56		16.02	23.15	5937	0.40	195.1	5.02	21.7	

TD = 14.75 ft

1003 Collect mw-42s
1006 Collect mw-42s (Filtered)
1020 Decon water level meter
1035 Go back to verify Equipment
1108 All parameters pass verification

Groundwater Sampling

Weather: Mostly Sunny, 20% chance rain
Hi temp 92°F, light winds.

Well ID	Water Level (ft bl TOC)	Well Depth (ft bl TOC)	Well Vol (G)
mw-42s	1.13	14.72	2.18

8/29/13

FFF Moultrie SA

Well ID	Time (EST)	Water Level	Rate (gpm)	Purge Vol (G)	Temp (°C)	SP Cond (us/cm³)	DO (mg/L)	ORP (mV)	pH (SU)	Turb (NTU)	Observe Color/Odor
FFFW-1s-R	0836	5.86	0.06								
PP	0958	6.78	↓	5.10	25.41	489	0.17	61.2	6.37	2.30	Clear/NO
TOP WL	1001	6.78	↓	5.28	25.45	490	0.19	61.3	6.37	2.33	↓
	1004	6.78	↓	5.46	25.47	490	0.17	61.6	6.37	2.07	↓
1009	Collect	FFFW-1s-R					TD = 16.29				
1019	Decon water level meter										
MW-19s	1108	3.69	0.09								
PP	1216	8.67	↓	6.25	25.29	3890	0.24	188.2	4.33	2.55	Clear/Slight
TOP WL	1219	8.85	↓	6.52	25.29	3939	0.24	188.8	4.34	3.44	↓
	1222	8.89	↓	6.79	25.24	3967	0.24	189.9	4.34	3.02	↓
1224	Collect	MW-19s					TD = 16.71				
1235	Decon water level meter										

1105 Label Drums of IDW purge water

* There are 9 drums

1300 Packed up + off site

Groundwater Sampling

FFF

Moultrie

Rite in the Rain®

ALL-WEATHER

LEVEL

FIELD BOOK

№ 310

Book 5

APPENDIX B

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CF90[illegible]
2. Page 1 of 1
3. Emergency Response Phone: 800-535-5053
4. Waste Tracking Number: 16842

5. Generator's Name and Mailing Address
RCS Joint Venture Ltd - GA
315 4th Ave NE
Moultrie, GA 31768
Generator's Phone: 850 402-6427

Generator's Site Address (if different than mailing address)
Broker Contact: Deb Hilton (URS)
cell: 850-528-8925

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.
1946 S.W. 67th Place
Gainesville, FL 32653
Facility's Phone: 352-373-6066
U.S. EPA ID Number: FLD980711073

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non-Regulated Material (Purge Water) PF #51759	009	DM	0475	G	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
Caller must I.D. Perma-Fix of Florida, Inc. Mail Inv to: Austin TX 78720 Proj #12806325.00000 W.O. #286190.06 - Chg Order #2 Mail Man to: 1625 Summit Lake Dr #200, Tallahassee FL 32317 Attn: Jeffry Wagner jeffry.wagner@urs.com INV SEPARATELY;

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: [illegible] Signature: [illegible] Month: 10 Day: 01 Year: 13

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: [illegible] Signature: [illegible] Month: 10 Day: 01 Year: 13
Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Signature: Month: Day: Year:

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

GENERATOR'S/SHIPPER'S INITIAL COPY

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: 640-44815-1
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:
9/5/2013 8:55:03 AM

Amy Marks, Project Manager II
amy.marks@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
U	Indicates the analyte was analyzed for but not detected.

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)

Case Narrative

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44815-1

Job ID: 640-44815-1

Laboratory: TestAmerica Tallahassee

Narrative

Job Narrative
640-44815-1

Comments
No additional comments.

Receipt
The samples were received on 8/23/2013 at 4:00 PM. The samples arrived in good condition, properly preserved, and on ice. The temperatures of the 2 coolers at receipt time were 1.3º C and 2.0º C.

Metals
No analytical or quality issues were noted.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44815-1

Client Sample ID: MW-7S-R (Filtered) — Lab Sample ID: 640-44815-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic, Dissolved	2.1	J	2.5	1.3	ug/L	1		6020A	Dissolved
Beryllium, Dissolved	5.7		0.50	0.25	ug/L	1		6020A	Dissolved
Lead, Dissolved	1.6		1.5	0.20	ug/L	1		6020A	Dissolved
Nickel, Dissolved	92		5.0	2.0	ug/L	1		6020A	Dissolved

Client Sample ID: DUP-5 — Lab Sample ID: 640-44815-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.8		2.5	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	0.78		0.50	0.25	ug/L	1		6020A	Total Recoverable
Lead	14		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	4.5	J	5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-32I — Lab Sample ID: 640-44815-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	40		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	430		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	17		0.50	0.25	ug/L	1		6020A	Total Recoverable
Cadmium	6.0		0.50	0.095	ug/L	1		6020A	Total Recoverable
Lead	120		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	110		5.0	2.0	ug/L	1		6020A	Total Recoverable
Thallium	1.3		1.0	0.50	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-32S-R — Lab Sample ID: 640-44815-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.8		2.5	1.3	ug/L	1		6020A	Total Recoverable
Nickel	5.1		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-12I — Lab Sample ID: 640-44815-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	490		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	2.0		0.50	0.25	ug/L	1		6020A	Total Recoverable
Lead	6.9		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	8.3		5.0	2.0	ug/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44815-1

Client Sample ID: MW-12S — Lab Sample ID: 640-44815-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	210		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	610		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	37		0.50	0.25	ug/L	1		6020A	Total Recoverable
Cadmium	6.0		0.50	0.095	ug/L	1		6020A	Total Recoverable
Copper	350		5.0	1.1	ug/L	1		6020A	Total Recoverable
Lead	65		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	250		5.0	2.0	ug/L	1		6020A	Total Recoverable
Selenium	570		25	10	ug/L	10		6020A	Total Recoverable
Thallium	2.4		1.0	0.50	ug/L	1		6020A	Total Recoverable
Zinc	1200		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-40S — Lab Sample ID: 640-44815-7

No Detections.

Client Sample ID: MW-13I — Lab Sample ID: 640-44815-8

No Detections.

Client Sample ID: DUP-6 — Lab Sample ID: 640-44815-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	220		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	1400		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	38		0.50	0.25	ug/L	1		6020A	Total Recoverable
Cadmium	5.9		0.50	0.095	ug/L	1		6020A	Total Recoverable
Copper	360		5.0	1.1	ug/L	1		6020A	Total Recoverable
Lead	140		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	260		5.0	2.0	ug/L	1		6020A	Total Recoverable
Selenium	590		25	10	ug/L	10		6020A	Total Recoverable
Thallium	2.6		1.0	0.50	ug/L	1		6020A	Total Recoverable
Zinc	1300		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: DUP-7 — Lab Sample ID: 640-44815-10

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44815-1

Client Sample ID: DUP-7 (Continued) — Lab Sample ID: 640-44815-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	38		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	400		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	16		0.50	0.25	ug/L	1		6020A	Total Recoverable
Cadmium	5.6		0.50	0.095	ug/L	1		6020A	Total Recoverable
Lead	120		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	110		5.0	2.0	ug/L	1		6020A	Total Recoverable
Thallium	1.2		1.0	0.50	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-7S-R — Lab Sample ID: 640-44815-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.7	J	2.5	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	5.6		0.50	0.25	ug/L	1		6020A	Total Recoverable
Lead	2.4		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	100		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-2S — Lab Sample ID: 640-44815-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	35		5.0	1.3	ug/L	1		6020A	Total Recoverable
Lead	2.5		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	6.3		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-9S-R — Lab Sample ID: 640-44815-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.4		2.5	1.3	ug/L	1		6020A	Total Recoverable
Lead	9.0		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	4.8	J	5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-36S — Lab Sample ID: 640-44815-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.6		2.5	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	0.89		0.50	0.25	ug/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44815-1

Client Sample ID: MW-36S (Continued) — Lab Sample ID: 640-44815-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	14		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	3.4	J	5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-13S-R — Lab Sample ID: 640-44815-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	3.6	J	5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-27S-R — Lab Sample ID: 640-44815-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.0		2.5	1.3	ug/L	1		6020A	Total Recoverable
Lead	2.2		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	9.2		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-37S — Lab Sample ID: 640-44815-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.8	J	2.5	1.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-34S — Lab Sample ID: 640-44815-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.8		2.5	1.3	ug/L	1		6020A	Total Recoverable
Cadmium	5.6		0.50	0.095	ug/L	1		6020A	Total Recoverable
Nickel	42		5.0	2.0	ug/L	1		6020A	Total Recoverable
Zinc	1200		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-34I — Lab Sample ID: 640-44815-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.4		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	5.5		5.0	2.0	ug/L	1		6020A	Total Recoverable
Zinc	19	J	20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-34I (Filtered) — Lab Sample ID: 640-44815-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead, Dissolved	1.2	J	1.5	0.20	ug/L	1		6020A	Dissolved
Nickel, Dissolved	2.6	J	5.0	2.0	ug/L	1		6020A	Dissolved

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44815-1

Client Sample ID: MW-TP1I — Lab Sample ID: 640-44815-21

No Detections.

Client Sample ID: MW-TP1S — Lab Sample ID: 640-44815-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.71	J	1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	7.9		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-49S — Lab Sample ID: 640-44815-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	35		5.0	1.3	ug/L	1		6020A	Total Recoverable
Copper	1.4	J	5.0	1.1	ug/L	1		6020A	Total Recoverable
Lead	2.0		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	2.0	J	5.0	2.0	ug/L	1		6020A	Total Recoverable
Zinc	21		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-49S (Filtered) — Lab Sample ID: 640-44815-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium, Dissolved	31		5.0	1.3	ug/L	1		6020A	Dissolved
Copper, Dissolved	2.4	J	5.0	1.1	ug/L	1		6020A	Dissolved
Lead, Dissolved	2.1		1.5	0.20	ug/L	1		6020A	Dissolved
Nickel, Dissolved	2.3	J	5.0	2.0	ug/L	1		6020A	Dissolved
Zinc, Dissolved	22		20	8.3	ug/L	1		6020A	Dissolved

Client Sample ID: MW-TP4S — Lab Sample ID: 640-44815-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	210		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	0.48	J	0.50	0.25	ug/L	1		6020A	Total Recoverable
Lead	4.0		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	4.7	J	5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-24S — Lab Sample ID: 640-44815-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.88	J	1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	2.4	J	5.0	2.0	ug/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44815-1

Client Sample ID: MW-38S — Lab Sample ID: 640-44815-27

No Detections.

Client Sample ID: MW-11S — Lab Sample ID: 640-44815-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	13		2.5	1.3	ug/L	1		6020A	Total Recoverable
Lead	6.4		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	3.9	J	5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-10S-R — Lab Sample ID: 640-44815-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.2		2.5	1.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-1S-R — Lab Sample ID: 640-44815-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.64	J	1.5	0.20	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-5S-R — Lab Sample ID: 640-44815-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.1		2.5	1.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-39S — Lab Sample ID: 640-44815-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.6		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	48		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	1.8		0.50	0.25	ug/L	1		6020A	Total Recoverable
Lead	7.1		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	13		5.0	2.0	ug/L	1		6020A	Total Recoverable
Zinc	52		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-TP5S — Lab Sample ID: 640-44815-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	160		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	43000		50	13	ug/L	10		6020A	Total Recoverable
Beryllium	330		0.50	0.25	ug/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44815-1

Client Sample ID: MW-TP5S (Continued) — Lab Sample ID: 640-44815-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	15		5.0	0.95	ug/L	10		6020A	Total Recoverable
Lead	2700		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	900		5.0	2.0	ug/L	1		6020A	Total Recoverable
Selenium	360		25	10	ug/L	10		6020A	Total Recoverable
Thallium	6.8		1.0	0.50	ug/L	1		6020A	Total Recoverable
Zinc	1900		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-TP5I — Lab Sample ID: 640-44815-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.9		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	2.0	J	5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-TP5I (Filtered) — Lab Sample ID: 640-44815-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead, Dissolved	0.66	J	1.5	0.20	ug/L	1		6020A	Dissolved

Client Sample ID: FFFW-3-R — Lab Sample ID: 640-44815-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	16		2.5	1.3	ug/L	1		6020A	Total Recoverable
Nickel	58		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-43S — Lab Sample ID: 640-44815-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	16		2.5	1.3	ug/L	1		6020A	Total Recoverable
Cadmium	2.7		0.50	0.095	ug/L	1		6020A	Total Recoverable
Nickel	58		5.0	2.0	ug/L	1		6020A	Total Recoverable
Zinc	280		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: FFFW-4-R — Lab Sample ID: 640-44815-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.9		2.5	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	0.42	J	0.50	0.25	ug/L	1		6020A	Total Recoverable
Lead	13		1.5	0.20	ug/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44815-1

Client Sample ID: FFFW-4-R (Continued) — Lab Sample ID: 640-44815-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	15		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: FFFW-4-R (Filtered) — Lab Sample ID: 640-44815-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic, Dissolved	7.2		2.5	1.3	ug/L	1		6020A	Dissolved
Beryllium, Dissolved	0.41	J	0.50	0.25	ug/L	1		6020A	Dissolved
Lead, Dissolved	13		1.5	0.20	ug/L	1		6020A	Dissolved
Nickel, Dissolved	16		5.0	2.0	ug/L	1		6020A	Dissolved

Client Sample ID: MW-45S — Lab Sample ID: 640-44815-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	26		2.5	1.3	ug/L	1		6020A	Total Recoverable
Nickel	3.5	J	5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: EQ-1 — Lab Sample ID: 640-44815-41

No Detections.

Client Sample ID: MW-47S — Lab Sample ID: 640-44815-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	53		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	0.29	J	0.50	0.25	ug/L	1		6020A	Total Recoverable

Client Sample ID: DUP-4 — Lab Sample ID: 640-44815-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	160		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	43000		50	13	ug/L	10		6020A	Total Recoverable
Beryllium	340		0.50	0.25	ug/L	1		6020A	Total Recoverable
Cadmium	19		0.50	0.095	ug/L	1		6020A	Total Recoverable
Lead	2700		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	900		5.0	2.0	ug/L	1		6020A	Total Recoverable
Selenium	350		25	10	ug/L	10		6020A	Total Recoverable
Thallium	6.8		1.0	0.50	ug/L	1		6020A	Total Recoverable
Zinc	1900		20	8.3	ug/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44815-1

Client Sample ID: MW-3S — Lab Sample ID: 640-44815-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.1		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	17		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	1.9		0.50	0.25	ug/L	1		6020A	Total Recoverable
Cadmium	1.7		0.50	0.095	ug/L	1		6020A	Total Recoverable
Copper	60		5.0	1.1	ug/L	1		6020A	Total Recoverable
Lead	73		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	56		5.0	2.0	ug/L	1		6020A	Total Recoverable
Selenium	8.2		2.5	1.0	ug/L	1		6020A	Total Recoverable
Zinc	340		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: DUP-3 — Lab Sample ID: 640-44815-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.8	J	2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	28		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	0.51		0.50	0.25	ug/L	1		6020A	Total Recoverable
Cadmium	0.92		0.50	0.095	ug/L	1		6020A	Total Recoverable
Copper	6.9		5.0	1.1	ug/L	1		6020A	Total Recoverable
Lead	15		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	19		5.0	2.0	ug/L	1		6020A	Total Recoverable
Selenium	7.0		2.5	1.0	ug/L	1		6020A	Total Recoverable
Zinc	230		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-6S-R — Lab Sample ID: 640-44815-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.4	J	2.5	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	2.1		0.50	0.25	ug/L	1		6020A	Total Recoverable
Cadmium	2.2		0.50	0.095	ug/L	1		6020A	Total Recoverable
Lead	1.1	J	1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	46		5.0	2.0	ug/L	1		6020A	Total Recoverable
Zinc	390		20	8.3	ug/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44815-1

Client Sample ID: MW-8I — Lab Sample ID: 640-44815-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	13		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	3.7	J	5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-30S — Lab Sample ID: 640-44815-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	2100		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	3.2		0.50	0.25	ug/L	1		6020A	Total Recoverable
Copper	4.5	J	5.0	1.1	ug/L	1		6020A	Total Recoverable
Lead	12		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	10		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: DUP-1 — Lab Sample ID: 640-44815-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.4	J	2.5	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	2.3		0.50	0.25	ug/L	1		6020A	Total Recoverable
Cadmium	2.3		0.50	0.095	ug/L	1		6020A	Total Recoverable
Lead	1.0	J	1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	44		5.0	2.0	ug/L	1		6020A	Total Recoverable
Zinc	380		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: FFFW-2I — Lab Sample ID: 640-44815-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	5.7		5.0	2.0	ug/L	1		6020A	Total Recoverable

Client Sample ID: FFFW-2-R — Lab Sample ID: 640-44815-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	33		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	4600		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	68		0.50	0.25	ug/L	1		6020A	Total Recoverable
Cadmium	5.5		0.50	0.095	ug/L	1		6020A	Total Recoverable
Lead	550		1.5	0.20	ug/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: FFFW-2-R (Continued) — Lab Sample ID: 640-44815-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	160		5.0	2.0	ug/L	1		6020A	Total Recoverable
Thallium	2.3		1.0	0.50	ug/L	1		6020A	Total Recoverable
Zinc	320		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-23S — Lab Sample ID: 640-44815-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	220		5.0	1.3	ug/L	1		6020A	Total Recoverable
Beryllium	0.88		0.50	0.25	ug/L	1		6020A	Total Recoverable
Lead	1.1	J	1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	3.6	J	5.0	2.0	ug/L	1		6020A	Total Recoverable
Zinc	38		20	8.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-2I — Lab Sample ID: 640-44815-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.7		1.5	0.20	ug/L	1		6020A	Total Recoverable

Client Sample ID: MW-1I-R — Lab Sample ID: 640-44815-54

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

Client Sample ID: MW-10I — Lab Sample ID: 640-44815-55

No Detections.

Client Sample ID: MW-6I — Lab Sample ID: 640-44815-56

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

Client Sample ID: EQ-2 — Lab Sample ID: 640-44815-57

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44815-1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Client Sample ID: DUP-5 — **Lab Sample ID: 640-44815-2**
Date Collected: 08/20/13 00:00 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.8		2.5	1.3	ug/L		08/27/13 14:30	08/29/13 21:42	1
Beryllium	0.78		0.50	0.25	ug/L		08/27/13 14:30	08/29/13 21:42	1
Lead	14		1.5	0.20	ug/L		08/27/13 14:30	08/29/13 21:42	1
Nickel	4.5	J	5.0	2.0	ug/L		08/27/13 14:30	08/29/13 21:42	1

Client Sample ID: MW-32I — **Lab Sample ID: 640-44815-3**
Date Collected: 08/20/13 09:47 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	40		2.5	1.3	ug/L		08/27/13 14:30	08/29/13 21:48	1
Barium	430		5.0	1.3	ug/L		08/27/13 14:30	08/29/13 21:48	1
Beryllium	17		0.50	0.25	ug/L		08/27/13 14:30	08/29/13 21:48	1
Cadmium	6.0		0.50	0.095	ug/L		08/27/13 14:30	08/29/13 21:48	1
Lead	120		1.5	0.20	ug/L		08/27/13 14:30	08/29/13 21:48	1
Nickel	110		5.0	2.0	ug/L		08/27/13 14:30	08/29/13 21:48	1
Thallium	1.3		1.0	0.50	ug/L		08/27/13 14:30	08/29/13 21:48	1

Client Sample ID: MW-32S-R — **Lab Sample ID: 640-44815-4**
Date Collected: 08/20/13 10:11 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.8		2.5	1.3	ug/L		08/27/13 14:30	08/29/13 21:54	1
Lead	0.20	U	1.5	0.20	ug/L		08/27/13 14:30	08/29/13 21:54	1
Nickel	5.1		5.0	2.0	ug/L		08/27/13 14:30	08/29/13 21:54	1

Client Sample ID: MW-12I — **Lab Sample ID: 640-44815-5**
Date Collected: 08/20/13 11:19 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/27/13 14:30	08/29/13 22:11	1
Barium	490		5.0	1.3	ug/L		08/27/13 14:30	08/29/13 22:11	1
Beryllium	2.0		0.50	0.25	ug/L		08/27/13 14:30	08/29/13 22:11	1
Lead	6.9		1.5	0.20	ug/L		08/27/13 14:30	08/29/13 22:11	1
Nickel	8.3		5.0	2.0	ug/L		08/27/13 14:30	08/29/13 22:11	1

Client Sample ID: MW-12S — **Lab Sample ID: 640-44815-6**
Date Collected: 08/20/13 12:14 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	210		2.5	1.3	ug/L		08/27/13 14:30	08/29/13 22:17	1
Barium	610		5.0	1.3	ug/L		08/27/13 14:30	08/29/13 22:17	1
Beryllium	37		0.50	0.25	ug/L		08/27/13 14:30	08/29/13 22:17	1
Cadmium	6.0		0.50	0.095	ug/L		08/27/13 14:30	08/29/13 22:17	1
Copper	350		5.0	1.1	ug/L		08/27/13 14:30	08/29/13 22:17	1
Lead	65		1.5	0.20	ug/L		08/27/13 14:30	08/29/13 22:17	1
Nickel	250		5.0	2.0	ug/L		08/27/13 14:30	08/29/13 22:17	1
Selenium	570		25	10	ug/L		08/27/13 14:30	08/29/13 22:23	10
Thallium	2.4		1.0	0.50	ug/L		08/27/13 14:30	08/29/13 22:17	1
Zinc	1200		20	8.3	ug/L		08/27/13 14:30	08/29/13 22:17	1

Client Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44815-1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Client Sample ID: MW-40S — **Lab Sample ID: 640-44815-7**
Date Collected: 08/20/13 15:52 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/27/13 14:30	08/29/13 22:29	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/27/13 14:30	08/29/13 22:29	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/27/13 14:30	08/29/13 22:29	1
Lead	0.20	U	1.5	0.20	ug/L		08/27/13 14:30	08/29/13 22:29	1
Nickel	2.0	U	5.0	2.0	ug/L		08/27/13 14:30	08/29/13 22:29	1
Thallium	0.50	U	1.0	0.50	ug/L		08/27/13 14:30	08/29/13 22:29	1

Client Sample ID: MW-13I — **Lab Sample ID: 640-44815-8**
Date Collected: 08/20/13 16:50 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/27/13 14:30	08/29/13 22:34	1
Lead	0.20	U	1.5	0.20	ug/L		08/27/13 14:30	08/29/13 22:34	1
Nickel	2.0	U	5.0	2.0	ug/L		08/27/13 14:30	08/29/13 22:34	1

Client Sample ID: DUP-6 — **Lab Sample ID: 640-44815-9**
Date Collected: 08/20/13 00:00 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	220		2.5	1.3	ug/L		08/27/13 14:30	08/29/13 22:40	1
Barium	1400		5.0	1.3	ug/L		08/27/13 14:30	08/29/13 22:40	1
Beryllium	38		0.50	0.25	ug/L		08/27/13 14:30	08/29/13 22:40	1
Cadmium	5.9		0.50	0.095	ug/L		08/27/13 14:30	08/29/13 22:40	1
Copper	360		5.0	1.1	ug/L		08/27/13 14:30	08/29/13 22:40	1
Lead	140		1.5	0.20	ug/L		08/27/13 14:30	08/29/13 22:40	1
Nickel	260		5.0	2.0	ug/L		08/27/13 14:30	08/29/13 22:40	1
Selenium	590		25	10	ug/L		08/27/13 14:30	08/29/13 22:46	10
Thallium	2.6		1.0	0.50	ug/L		08/27/13 14:30	08/29/13 22:40	1
Zinc	1300		20	8.3	ug/L		08/27/13 14:30	08/29/13 22:40	1

Client Sample ID: DUP-7 — **Lab Sample ID: 640-44815-10**
Date Collected: 08/20/13 00:00 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	38		2.5	1.3	ug/L		08/27/13 14:30	08/29/13 22:52	1
Barium	400		5.0	1.3	ug/L		08/27/13 14:30	08/29/13 22:52	1
Beryllium	16		0.50	0.25	ug/L		08/27/13 14:30	08/29/13 22:52	1
Cadmium	5.6		0.50	0.095	ug/L		08/27/13 14:30	08/29/13 22:52	1
Lead	120		1.5	0.20	ug/L		08/27/13 14:30	08/29/13 22:52	1
Nickel	110		5.0	2.0	ug/L		08/27/13 14:30	08/29/13 22:52	1
Thallium	1.2		1.0	0.50	ug/L		08/27/13 14:30	08/29/13 22:52	1

Client Sample ID: MW-7S-R — **Lab Sample ID: 640-44815-11**
Date Collected: 08/20/13 09:37 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.7	J	2.5	1.3	ug/L		08/27/13 14:30	08/29/13 22:57	1
Beryllium	5.6		0.50	0.25	ug/L		08/27/13 14:30	08/29/13 22:57	1
Lead	2.4		1.5	0.20	ug/L		08/27/13 14:30	08/29/13 22:57	1
Nickel	100		5.0	2.0	ug/L		08/27/13 14:30	08/29/13 22:57	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Client Sample ID: MW-2S — **Lab Sample ID: 640-44815-12**
Date Collected: 08/20/13 10:19 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/27/13 14:30	08/29/13 23:03	1
Barium	35		5.0	1.3	ug/L		08/27/13 14:30	08/29/13 23:03	1
Lead	2.5		1.5	0.20	ug/L		08/27/13 14:30	08/29/13 23:03	1
Nickel	6.3		5.0	2.0	ug/L		08/27/13 14:30	08/29/13 23:03	1

Client Sample ID: MW-9S-R — **Lab Sample ID: 640-44815-13**
Date Collected: 08/20/13 11:54 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.4		2.5	1.3	ug/L		08/27/13 14:30	08/29/13 23:20	1
Lead	9.0		1.5	0.20	ug/L		08/27/13 14:30	08/29/13 23:20	1
Nickel	4.8	J	5.0	2.0	ug/L		08/27/13 14:30	08/29/13 23:20	1

Client Sample ID: MW-36S — **Lab Sample ID: 640-44815-14**
Date Collected: 08/20/13 12:06 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.6		2.5	1.3	ug/L		08/27/13 14:30	08/29/13 23:26	1
Beryllium	0.89		0.50	0.25	ug/L		08/27/13 14:30	08/29/13 23:26	1
Lead	14		1.5	0.20	ug/L		08/27/13 14:30	08/29/13 23:26	1
Nickel	3.4	J	5.0	2.0	ug/L		08/27/13 14:30	08/29/13 23:26	1

Client Sample ID: MW-13S-R — **Lab Sample ID: 640-44815-15**
Date Collected: 08/20/13 14:38 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/27/13 14:30	08/29/13 23:32	1
Lead	0.20	U	1.5	0.20	ug/L		08/27/13 14:30	08/29/13 23:32	1
Nickel	3.6	J	5.0	2.0	ug/L		08/27/13 14:30	08/29/13 23:32	1

Client Sample ID: MW-27S-R — **Lab Sample ID: 640-44815-16**
Date Collected: 08/20/13 17:05 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.0		2.5	1.3	ug/L		08/27/13 14:30	08/29/13 23:38	1
Lead	2.2		1.5	0.20	ug/L		08/27/13 14:30	08/29/13 23:38	1
Nickel	9.2		5.0	2.0	ug/L		08/27/13 14:30	08/29/13 23:38	1

Client Sample ID: MW-37S — **Lab Sample ID: 640-44815-17**
Date Collected: 08/20/13 14:58 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.8	J	2.5	1.3	ug/L		08/27/13 14:30	08/29/13 23:44	1
Lead	0.20	U	1.5	0.20	ug/L		08/27/13 14:30	08/29/13 23:44	1
Nickel	2.0	U	5.0	2.0	ug/L		08/27/13 14:30	08/29/13 23:44	1

Client Sample ID: MW-34S — **Lab Sample ID: 640-44815-18**
Date Collected: 08/21/13 08:58 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.8		2.5	1.3	ug/L		08/27/13 14:30	08/29/13 23:49	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable (Continued)

Client Sample ID: MW-34S — **Lab Sample ID: 640-44815-18**
Date Collected: 08/21/13 08:58 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.6		0.50	0.095	ug/L		08/27/13 14:30	08/29/13 23:49	1
Lead	0.20	U	1.5	0.20	ug/L		08/27/13 14:30	08/29/13 23:49	1
Nickel	42		5.0	2.0	ug/L		08/27/13 14:30	08/29/13 23:49	1
Zinc	1200		20	8.3	ug/L		08/27/13 14:30	08/29/13 23:49	1

Client Sample ID: MW-34I — **Lab Sample ID: 640-44815-19**
Date Collected: 08/21/13 09:27 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/27/13 14:30	08/29/13 23:55	1
Lead	4.4		1.5	0.20	ug/L		08/27/13 14:30	08/29/13 23:55	1
Nickel	5.5		5.0	2.0	ug/L		08/27/13 14:30	08/29/13 23:55	1
Zinc	19	J	20	8.3	ug/L		08/27/13 14:30	08/29/13 23:55	1

Client Sample ID: MW-TP1I — **Lab Sample ID: 640-44815-21**
Date Collected: 08/21/13 10:36 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/27/13 15:15	08/28/13 22:28	1
Lead	0.20	U	1.5	0.20	ug/L		08/27/13 15:15	08/28/13 22:28	1
Nickel	2.0	U	5.0	2.0	ug/L		08/27/13 15:15	08/28/13 22:28	1

Client Sample ID: MW-TP1S — **Lab Sample ID: 640-44815-22**
Date Collected: 08/21/13 11:05 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/27/13 15:15	08/28/13 22:56	1
Lead	0.71	J	1.5	0.20	ug/L		08/27/13 15:15	08/28/13 22:56	1
Nickel	7.9		5.0	2.0	ug/L		08/27/13 15:15	08/28/13 22:56	1

Client Sample ID: MW-49S — **Lab Sample ID: 640-44815-23**
Date Collected: 08/21/13 12:47 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/27/13 15:15	08/28/13 23:02	1
Barium	35		5.0	1.3	ug/L		08/27/13 15:15	08/28/13 23:02	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/27/13 15:15	08/28/13 23:02	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/27/13 15:15	08/28/13 23:02	1
Copper	1.4	J	5.0	1.1	ug/L		08/27/13 15:15	08/28/13 23:02	1
Lead	2.0		1.5	0.20	ug/L		08/27/13 15:15	08/28/13 23:02	1
Nickel	2.0	J	5.0	2.0	ug/L		08/27/13 15:15	08/28/13 23:02	1
Selenium	1.0	U	2.5	1.0	ug/L		08/27/13 15:15	08/28/13 23:02	1
Thallium	0.50	U	1.0	0.50	ug/L		08/27/13 15:15	08/28/13 23:02	1
Zinc	21		20	8.3	ug/L		08/27/13 15:15	08/28/13 23:02	1

Client Sample ID: MW-TP4S — **Lab Sample ID: 640-44815-25**
Date Collected: 08/21/13 14:20 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/27/13 15:15	08/28/13 23:25	1
Barium	210		5.0	1.3	ug/L		08/27/13 15:15	08/28/13 23:25	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable (Continued)

Client Sample ID: MW-TP4S — **Lab Sample ID: 640-44815-25**
Date Collected: 08/21/13 14:20 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.48	J	0.50	0.25	ug/L		08/27/13 15:15	08/28/13 23:25	1
Lead	4.0		1.5	0.20	ug/L		08/27/13 15:15	08/28/13 23:25	1
Nickel	4.7	J	5.0	2.0	ug/L		08/27/13 15:15	08/28/13 23:25	1

Client Sample ID: MW-24S — **Lab Sample ID: 640-44815-26**
Date Collected: 08/21/13 14:59 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/27/13 15:15	08/28/13 23:31	1
Lead	0.88	J	1.5	0.20	ug/L		08/27/13 15:15	08/28/13 23:31	1
Nickel	2.4	J	5.0	2.0	ug/L		08/27/13 15:15	08/28/13 23:31	1

Client Sample ID: MW-38S — **Lab Sample ID: 640-44815-27**
Date Collected: 08/21/13 09:43 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/27/13 15:15	08/28/13 23:37	1
Lead	0.20	U	1.5	0.20	ug/L		08/27/13 15:15	08/28/13 23:37	1
Nickel	2.0	U	5.0	2.0	ug/L		08/27/13 15:15	08/28/13 23:37	1

Client Sample ID: MW-11S — **Lab Sample ID: 640-44815-28**
Date Collected: 08/21/13 11:08 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13		2.5	1.3	ug/L		08/27/13 15:15	08/28/13 23:43	1
Lead	6.4		1.5	0.20	ug/L		08/27/13 15:15	08/28/13 23:43	1
Nickel	3.9	J	5.0	2.0	ug/L		08/27/13 15:15	08/28/13 23:43	1

Client Sample ID: MW-10S-R — **Lab Sample ID: 640-44815-29**
Date Collected: 08/21/13 11:48 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.2		2.5	1.3	ug/L		08/27/13 15:15	08/28/13 23:48	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/27/13 15:15	08/28/13 23:48	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/27/13 15:15	08/28/13 23:48	1
Lead	0.20	U	1.5	0.20	ug/L		08/27/13 15:15	08/28/13 23:48	1
Nickel	2.0	U	5.0	2.0	ug/L		08/27/13 15:15	08/28/13 23:48	1

Client Sample ID: MW-1S-R — **Lab Sample ID: 640-44815-30**
Date Collected: 08/21/13 14:37 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/27/13 15:15	08/28/13 23:54	1
Lead	0.64	J	1.5	0.20	ug/L		08/27/13 15:15	08/28/13 23:54	1
Nickel	2.0	U	5.0	2.0	ug/L		08/27/13 15:15	08/28/13 23:54	1

Client Sample ID: MW-5S-R — **Lab Sample ID: 640-44815-31**
Date Collected: 08/21/13 14:17 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.1		2.5	1.3	ug/L		08/27/13 15:15	08/29/13 00:00	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable (Continued)

Client Sample ID: MW-5S-R — **Lab Sample ID: 640-44815-31**
Date Collected: 08/21/13 14:17 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.25	U	0.50	0.25	ug/L		08/27/13 15:15	08/29/13 00:00	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/27/13 15:15	08/29/13 00:00	1
Lead	0.20	U	1.5	0.20	ug/L		08/27/13 15:15	08/29/13 00:00	1
Nickel	2.0	U	5.0	2.0	ug/L		08/27/13 15:15	08/29/13 00:00	1

Client Sample ID: MW-39S — **Lab Sample ID: 640-44815-32**
Date Collected: 08/21/13 16:12 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.6**		2.5	1.3	ug/L		08/27/13 15:15	08/29/13 20:10	1
Barium	**48**		5.0	1.3	ug/L		08/27/13 15:15	08/29/13 20:10	1
Beryllium	**1.8**		0.50	0.25	ug/L		08/27/13 15:15	08/29/13 20:10	1
Lead	**7.1**		1.5	0.20	ug/L		08/27/13 15:15	08/29/13 20:10	1
Nickel	**13**		5.0	2.0	ug/L		08/27/13 15:15	08/29/13 20:10	1
Zinc	**52**		20	8.3	ug/L		08/27/13 15:15	08/29/13 20:10	1

Client Sample ID: MW-TP5S — **Lab Sample ID: 640-44815-33**
Date Collected: 08/22/13 10:06 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**160**		2.5	1.3	ug/L		08/27/13 15:15	08/29/13 00:11	1
Barium	**43000**		50	13	ug/L		08/27/13 15:15	08/29/13 19:24	10
Beryllium	**330**		0.50	0.25	ug/L		08/27/13 15:15	08/29/13 00:11	1
Cadmium	**15**		5.0	0.95	ug/L		08/27/13 15:15	08/29/13 19:24	10
Lead	**2700**		1.5	0.20	ug/L		08/27/13 15:15	08/29/13 00:11	1
Nickel	**900**		5.0	2.0	ug/L		08/27/13 15:15	08/29/13 00:11	1
Selenium	**360**		25	10	ug/L		08/27/13 15:15	08/29/13 19:24	10
Thallium	**6.8**		1.0	0.50	ug/L		08/27/13 15:15	08/29/13 00:11	1
Zinc	**1900**		20	8.3	ug/L		08/27/13 15:15	08/29/13 00:11	1

Client Sample ID: MW-TP5I — **Lab Sample ID: 640-44815-34**
Date Collected: 08/22/13 09:41 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/27/13 15:15	08/29/13 00:17	1
Lead	**1.9**		1.5	0.20	ug/L		08/27/13 15:15	08/29/13 00:17	1
Nickel	**2.0**	**J**	5.0	2.0	ug/L		08/27/13 15:15	08/29/13 00:17	1
Zinc	8.3	U	20	8.3	ug/L		08/27/13 15:15	08/29/13 00:17	1

Client Sample ID: FFFW-3-R — **Lab Sample ID: 640-44815-36**
Date Collected: 08/22/13 12:08 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**16**		2.5	1.3	ug/L		08/27/13 15:15	08/29/13 00:40	1
Lead	0.20	U	1.5	0.20	ug/L		08/27/13 15:15	08/29/13 00:40	1
Nickel	**58**		5.0	2.0	ug/L		08/27/13 15:15	08/29/13 00:40	1

Client Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44815-1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Client Sample ID: MW-43S — **Lab Sample ID: 640-44815-37**
Date Collected: 08/22/13 12:22 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	16		2.5	1.3	ug/L		08/27/13 15:15	08/29/13 00:46	1
Cadmium	2.7		0.50	0.095	ug/L		08/27/13 15:15	08/29/13 00:46	1
Lead	0.20	U	1.5	0.20	ug/L		08/27/13 15:15	08/29/13 00:46	1
Nickel	58		5.0	2.0	ug/L		08/27/13 15:15	08/29/13 00:46	1
Zinc	280		20	8.3	ug/L		08/27/13 15:15	08/29/13 00:46	1

Client Sample ID: FFFW-4-R — **Lab Sample ID: 640-44815-38**
Date Collected: 08/22/13 15:19 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.9		2.5	1.3	ug/L		08/27/13 15:15	08/29/13 00:52	1
Beryllium	0.42	J	0.50	0.25	ug/L		08/27/13 15:15	08/29/13 00:52	1
Lead	13		1.5	0.20	ug/L		08/27/13 15:15	08/29/13 00:52	1
Nickel	15		5.0	2.0	ug/L		08/27/13 15:15	08/29/13 00:52	1

Client Sample ID: MW-45S — **Lab Sample ID: 640-44815-40**
Date Collected: 08/22/13 14:47 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	26		2.5	1.3	ug/L		08/27/13 15:15	08/29/13 01:03	1
Lead	0.20	U	1.5	0.20	ug/L		08/27/13 15:15	08/29/13 01:03	1
Nickel	3.5	J	5.0	2.0	ug/L		08/27/13 15:15	08/29/13 01:03	1

Client Sample ID: EQ-1 — **Lab Sample ID: 640-44815-41**
Date Collected: 08/22/13 15:57 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/27/13 16:01	08/28/13 19:35	1
Barium	1.3	U	5.0	1.3	ug/L		08/27/13 16:01	08/28/13 19:35	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/27/13 16:01	08/28/13 19:35	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/27/13 16:01	08/28/13 19:35	1
Copper	1.1	U	5.0	1.1	ug/L		08/27/13 16:01	08/28/13 19:35	1
Lead	0.20	U	1.5	0.20	ug/L		08/27/13 16:01	08/28/13 19:35	1
Nickel	2.0	U	5.0	2.0	ug/L		08/27/13 16:01	08/28/13 19:35	1
Selenium	1.0	U	2.5	1.0	ug/L		08/27/13 16:01	08/28/13 19:35	1
Thallium	0.50	U	1.0	0.50	ug/L		08/27/13 16:01	08/28/13 19:35	1
Zinc	8.3	U	20	8.3	ug/L		08/27/13 16:01	08/28/13 19:35	1

Client Sample ID: MW-47S — **Lab Sample ID: 640-44815-42**
Date Collected: 08/22/13 17:06 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/27/13 16:01	08/28/13 20:04	1
Barium	53		5.0	1.3	ug/L		08/27/13 16:01	08/28/13 20:04	1
Beryllium	0.29	J	0.50	0.25	ug/L		08/27/13 16:01	08/28/13 20:04	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/27/13 16:01	08/28/13 20:04	1
Lead	0.20	U	1.5	0.20	ug/L		08/27/13 16:01	08/28/13 20:04	1
Nickel	2.0	U	5.0	2.0	ug/L		08/27/13 16:01	08/28/13 20:04	1
Thallium	0.50	U	1.0	0.50	ug/L		08/27/13 16:01	08/28/13 20:04	1
Zinc	8.3	U	20	8.3	ug/L		08/27/13 16:01	08/28/13 20:04	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Client Sample ID: DUP-4 — **Lab Sample ID: 640-44815-43**
Date Collected: 08/22/13 00:00 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	160		2.5	1.3	ug/L		08/27/13 16:01	08/28/13 20:09	1
Barium	43000		50	13	ug/L		08/27/13 16:01	08/29/13 19:30	10
Beryllium	340		0.50	0.25	ug/L		08/27/13 16:01	08/28/13 20:09	1
Cadmium	19		0.50	0.095	ug/L		08/27/13 16:01	08/28/13 20:09	1
Lead	2700		1.5	0.20	ug/L		08/27/13 16:01	08/28/13 20:09	1
Nickel	900		5.0	2.0	ug/L		08/27/13 16:01	08/28/13 20:09	1
Selenium	350		25	10	ug/L		08/27/13 16:01	08/29/13 19:30	10
Thallium	6.8		1.0	0.50	ug/L		08/27/13 16:01	08/28/13 20:09	1
Zinc	1900		20	8.3	ug/L		08/27/13 16:01	08/28/13 20:09	1

Client Sample ID: MW-3S — **Lab Sample ID: 640-44815-44**
Date Collected: 08/22/13 10:05 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.1		2.5	1.3	ug/L		08/27/13 16:01	08/28/13 20:15	1
Barium	17		5.0	1.3	ug/L		08/27/13 16:01	08/28/13 20:15	1
Beryllium	1.9		0.50	0.25	ug/L		08/27/13 16:01	08/28/13 20:15	1
Cadmium	1.7		0.50	0.095	ug/L		08/27/13 16:01	08/28/13 20:15	1
Copper	60		5.0	1.1	ug/L		08/27/13 16:01	08/28/13 20:15	1
Lead	73		1.5	0.20	ug/L		08/27/13 16:01	08/28/13 20:15	1
Nickel	56		5.0	2.0	ug/L		08/27/13 16:01	08/28/13 20:15	1
Selenium	8.2		2.5	1.0	ug/L		08/27/13 16:01	08/28/13 20:15	1
Zinc	340		20	8.3	ug/L		08/27/13 16:01	08/28/13 20:15	1

Client Sample ID: DUP-3 — **Lab Sample ID: 640-44815-45**
Date Collected: 08/22/13 00:00 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.8	J	2.5	1.3	ug/L		08/27/13 16:01	08/28/13 20:33	1
Barium	28		5.0	1.3	ug/L		08/27/13 16:01	08/28/13 20:33	1
Beryllium	0.51		0.50	0.25	ug/L		08/27/13 16:01	08/28/13 20:33	1
Cadmium	0.92		0.50	0.095	ug/L		08/27/13 16:01	08/28/13 20:33	1
Copper	6.9		5.0	1.1	ug/L		08/27/13 16:01	08/28/13 20:33	1
Lead	15		1.5	0.20	ug/L		08/27/13 16:01	08/28/13 20:33	1
Nickel	19		5.0	2.0	ug/L		08/27/13 16:01	08/28/13 20:33	1
Selenium	7.0		2.5	1.0	ug/L		08/27/13 16:01	08/28/13 20:33	1
Zinc	230		20	8.3	ug/L		08/27/13 16:01	08/28/13 20:33	1

Client Sample ID: MW-6S-R — **Lab Sample ID: 640-44815-46**
Date Collected: 08/22/13 11:23 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.4	J	2.5	1.3	ug/L		08/27/13 16:01	08/28/13 20:38	1
Beryllium	2.1		0.50	0.25	ug/L		08/27/13 16:01	08/28/13 20:38	1
Cadmium	2.2		0.50	0.095	ug/L		08/27/13 16:01	08/28/13 20:38	1
Lead	1.1	J	1.5	0.20	ug/L		08/27/13 16:01	08/28/13 20:38	1
Nickel	46		5.0	2.0	ug/L		08/27/13 16:01	08/28/13 20:38	1
Zinc	390		20	8.3	ug/L		08/27/13 16:01	08/28/13 20:38	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Client Sample ID: MW-8I — **Lab Sample ID: 640-44815-47**
Date Collected: 08/22/13 13:12 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/27/13 16:01	08/28/13 20:44	1
Lead	13		1.5	0.20	ug/L		08/27/13 16:01	08/28/13 20:44	1
Nickel	3.7	J	5.0	2.0	ug/L		08/27/13 16:01	08/28/13 20:44	1

Client Sample ID: MW-30S — **Lab Sample ID: 640-44815-48**
Date Collected: 08/22/13 16:14 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/27/13 16:01	08/28/13 20:50	1
Barium	2100		5.0	1.3	ug/L		08/27/13 16:01	08/28/13 20:50	1
Beryllium	3.2		0.50	0.25	ug/L		08/27/13 16:01	08/28/13 20:50	1
Copper	4.5	J	5.0	1.1	ug/L		08/27/13 16:01	08/28/13 20:50	1
Lead	12		1.5	0.20	ug/L		08/27/13 16:01	08/28/13 20:50	1
Nickel	10		5.0	2.0	ug/L		08/27/13 16:01	08/28/13 20:50	1

Client Sample ID: DUP-1 — **Lab Sample ID: 640-44815-49**
Date Collected: 08/22/13 00:00 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.4	J	2.5	1.3	ug/L		08/27/13 16:01	08/28/13 20:56	1
Beryllium	2.3		0.50	0.25	ug/L		08/27/13 16:01	08/28/13 20:56	1
Cadmium	2.3		0.50	0.095	ug/L		08/27/13 16:01	08/28/13 20:56	1
Lead	1.0	J	1.5	0.20	ug/L		08/27/13 16:01	08/28/13 20:56	1
Nickel	44		5.0	2.0	ug/L		08/27/13 16:01	08/28/13 20:56	1
Zinc	380		20	8.3	ug/L		08/27/13 16:01	08/28/13 20:56	1

Client Sample ID: FFFW-2I — **Lab Sample ID: 640-44815-50**
Date Collected: 08/23/13 08:11 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/27/13 16:01	08/28/13 21:01	1
Lead	0.20	U	1.5	0.20	ug/L		08/27/13 16:01	08/28/13 21:01	1
Nickel	5.7		5.0	2.0	ug/L		08/27/13 16:01	08/28/13 21:01	1

Client Sample ID: FFFW-2-R — **Lab Sample ID: 640-44815-51**
Date Collected: 08/23/13 08:48 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	33		2.5	1.3	ug/L		08/27/13 16:01	08/28/13 21:07	1
Barium	4600		5.0	1.3	ug/L		08/27/13 16:01	08/28/13 21:07	1
Beryllium	68		0.50	0.25	ug/L		08/27/13 16:01	08/28/13 21:07	1
Cadmium	5.5		0.50	0.095	ug/L		08/27/13 16:01	08/28/13 21:07	1
Lead	550		1.5	0.20	ug/L		08/27/13 16:01	08/28/13 21:07	1
Nickel	160		5.0	2.0	ug/L		08/27/13 16:01	08/28/13 21:07	1
Thallium	2.3		1.0	0.50	ug/L		08/27/13 16:01	08/28/13 21:07	1
Zinc	320		20	8.3	ug/L		08/27/13 16:01	08/28/13 21:07	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Client Sample ID: MW-23S — **Lab Sample ID: 640-44815-52**
Date Collected: 08/23/13 11:01 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/27/13 16:01	08/28/13 21:13	1
Barium	**220**		5.0	1.3	ug/L		08/27/13 16:01	08/28/13 21:13	1
Beryllium	**0.88**		0.50	0.25	ug/L		08/27/13 16:01	08/28/13 21:13	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/27/13 16:01	08/28/13 21:13	1
Lead	**1.1**	**J**	1.5	0.20	ug/L		08/27/13 16:01	08/28/13 21:13	1
Nickel	**3.6**	**J**	5.0	2.0	ug/L		08/27/13 16:01	08/28/13 21:13	1
Thallium	0.50	U	1.0	0.50	ug/L		08/27/13 16:01	08/28/13 21:13	1
Zinc	**38**		20	8.3	ug/L		08/27/13 16:01	08/28/13 21:13	1

Client Sample ID: MW-2I — **Lab Sample ID: 640-44815-53**
Date Collected: 08/23/13 12:00 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/27/13 16:01	08/28/13 21:19	1
Lead	**1.7**		1.5	0.20	ug/L		08/27/13 16:01	08/28/13 21:19	1
Nickel	2.0	U	5.0	2.0	ug/L		08/27/13 16:01	08/28/13 21:19	1

Client Sample ID: MW-1I-R — **Lab Sample ID: 640-44815-54**
Date Collected: 08/23/13 11:06 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/27/13 16:01	08/28/13 21:24	1
Lead	**1.5**		1.5	0.20	ug/L		08/27/13 16:01	08/28/13 21:24	1
Nickel	2.0	U	5.0	2.0	ug/L		08/27/13 16:01	08/28/13 21:24	1

Client Sample ID: MW-10I — **Lab Sample ID: 640-44815-55**
Date Collected: 08/23/13 10:12 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/27/13 16:01	08/28/13 21:42	1
Lead	0.20	U	1.5	0.20	ug/L		08/27/13 16:01	08/28/13 21:42	1
Nickel	2.0	U	5.0	2.0	ug/L		08/27/13 16:01	08/28/13 21:42	1

Client Sample ID: MW-6I — **Lab Sample ID: 640-44815-56**
Date Collected: 08/23/13 12:46 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/27/13 16:01	08/28/13 21:47	1
Lead	**2.0**		1.5	0.20	ug/L		08/27/13 16:01	08/28/13 21:47	1
Nickel	2.0	U	5.0	2.0	ug/L		08/27/13 16:01	08/28/13 21:47	1

Client Sample ID: EQ-2 — **Lab Sample ID: 640-44815-57**
Date Collected: 08/23/13 12:00 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/27/13 16:01	08/28/13 21:53	1
Barium	1.3	U	5.0	1.3	ug/L		08/27/13 16:01	08/28/13 21:53	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/27/13 16:01	08/28/13 21:53	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/27/13 16:01	08/28/13 21:53	1
Copper	1.1	U	5.0	1.1	ug/L		08/27/13 16:01	08/28/13 21:53	1
Lead	0.20	U	1.5	0.20	ug/L		08/27/13 16:01	08/28/13 21:53	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable (Continued)

Client Sample ID: EQ-2
Date Collected: 08/23/13 12:00
Date Received: 08/23/13 16:00

Lab Sample ID: 640-44815-57
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	2.0	U	5.0	2.0	ug/L		08/27/13 16:01	08/28/13 21:53	1
Selenium	1.0	U	2.5	1.0	ug/L		08/27/13 16:01	08/28/13 21:53	1
Thallium	0.50	U	1.0	0.50	ug/L		08/27/13 16:01	08/28/13 21:53	1
Zinc	8.3	U	20	8.3	ug/L		08/27/13 16:01	08/28/13 21:53	1

Client Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44815-1

Method: 6020A - Metals (ICP/MS) - Dissolved

Client Sample ID: MW-7S-R (Filtered) — **Lab Sample ID: 640-44815-1**
Date Collected: 08/20/13 09:37 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	2.1	J	2.5	1.3	ug/L		08/27/13 14:30	08/29/13 21:14	1
Beryllium, Dissolved	5.7		0.50	0.25	ug/L		08/27/13 14:30	08/29/13 21:14	1
Lead, Dissolved	1.6		1.5	0.20	ug/L		08/27/13 14:30	08/29/13 21:14	1
Nickel, Dissolved	92		5.0	2.0	ug/L		08/27/13 14:30	08/29/13 21:14	1

Client Sample ID: MW-34I (Filtered) — **Lab Sample ID: 640-44815-20**
Date Collected: 08/21/13 09:29 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	1.3	U	2.5	1.3	ug/L		08/27/13 14:30	08/30/13 00:01	1
Lead, Dissolved	1.2	J	1.5	0.20	ug/L		08/27/13 14:30	08/30/13 00:01	1
Nickel, Dissolved	2.6	J	5.0	2.0	ug/L		08/27/13 14:30	08/30/13 00:01	1
Zinc, Dissolved	8.3	U	20	8.3	ug/L		08/27/13 14:30	08/30/13 00:01	1

Client Sample ID: MW-49S (Filtered) — **Lab Sample ID: 640-44815-24**
Date Collected: 08/21/13 12:49 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	1.3	U	2.5	1.3	ug/L		08/27/13 15:15	08/28/13 23:08	1
Barium, Dissolved	31		5.0	1.3	ug/L		08/27/13 15:15	08/28/13 23:08	1
Beryllium, Dissolved	0.25	U	0.50	0.25	ug/L		08/27/13 15:15	08/28/13 23:08	1
Cadmium, Dissolved	0.095	U	0.50	0.095	ug/L		08/27/13 15:15	08/28/13 23:08	1
Copper, Dissolved	2.4	J	5.0	1.1	ug/L		08/27/13 15:15	08/28/13 23:08	1
Lead, Dissolved	2.1		1.5	0.20	ug/L		08/27/13 15:15	08/28/13 23:08	1
Nickel, Dissolved	2.3	J	5.0	2.0	ug/L		08/27/13 15:15	08/28/13 23:08	1
Selenium, Dissolved	1.0	U	2.5	1.0	ug/L		08/27/13 15:15	08/28/13 23:08	1
Thallium, Dissolved	0.50	U	1.0	0.50	ug/L		08/27/13 15:15	08/28/13 23:08	1
Zinc, Dissolved	22		20	8.3	ug/L		08/27/13 15:15	08/28/13 23:08	1

Client Sample ID: MW-TP5I (Filtered) — **Lab Sample ID: 640-44815-35**
Date Collected: 08/22/13 09:43 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	1.3	U	2.5	1.3	ug/L		08/27/13 15:15	08/29/13 00:34	1
Lead, Dissolved	0.66	J	1.5	0.20	ug/L		08/27/13 15:15	08/29/13 00:34	1
Nickel, Dissolved	2.0	U	5.0	2.0	ug/L		08/27/13 15:15	08/29/13 00:34	1
Zinc, Dissolved	8.3	U	20	8.3	ug/L		08/27/13 15:15	08/29/13 00:34	1

Client Sample ID: FFFW-4-R (Filtered) — **Lab Sample ID: 640-44815-39**
Date Collected: 08/22/13 15:24 — **Matrix: Water**
Date Received: 08/23/13 16:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	7.2		2.5	1.3	ug/L		08/27/13 15:15	08/29/13 00:57	1
Beryllium, Dissolved	0.41	J	0.50	0.25	ug/L		08/27/13 15:15	08/29/13 00:57	1
Lead, Dissolved	13		1.5	0.20	ug/L		08/27/13 15:15	08/29/13 00:57	1
Nickel, Dissolved	16		5.0	2.0	ug/L		08/27/13 15:15	08/29/13 00:57	1

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 680-291096/1-A
Matrix: Water
Analysis Batch: 291623

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 291096

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/27/13 14:30	08/29/13 21:02	1
Arsenic, Dissolved	1.3	U	2.5	1.3	ug/L		08/27/13 14:30	08/29/13 21:02	1
Barium	1.3	U	5.0	1.3	ug/L		08/27/13 14:30	08/29/13 21:02	1
Barium, Dissolved	1.3	U	5.0	1.3	ug/L		08/27/13 14:30	08/29/13 21:02	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/27/13 14:30	08/29/13 21:02	1
Beryllium, Dissolved	0.25	U	0.50	0.25	ug/L		08/27/13 14:30	08/29/13 21:02	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/27/13 14:30	08/29/13 21:02	1
Cadmium, Dissolved	0.095	U	0.50	0.095	ug/L		08/27/13 14:30	08/29/13 21:02	1
Copper	1.1	U	5.0	1.1	ug/L		08/27/13 14:30	08/29/13 21:02	1
Copper, Dissolved	1.1	U	5.0	1.1	ug/L		08/27/13 14:30	08/29/13 21:02	1
Lead	0.20	U	1.5	0.20	ug/L		08/27/13 14:30	08/29/13 21:02	1
Lead, Dissolved	0.20	U	1.5	0.20	ug/L		08/27/13 14:30	08/29/13 21:02	1
Nickel	2.0	U	5.0	2.0	ug/L		08/27/13 14:30	08/29/13 21:02	1
Nickel, Dissolved	2.0	U	5.0	2.0	ug/L		08/27/13 14:30	08/29/13 21:02	1
Selenium	1.0	U	2.5	1.0	ug/L		08/27/13 14:30	08/29/13 21:02	1
Selenium, Dissolved	1.0	U	2.5	1.0	ug/L		08/27/13 14:30	08/29/13 21:02	1
Thallium	0.50	U	1.0	0.50	ug/L		08/27/13 14:30	08/29/13 21:02	1
Thallium, Dissolved	0.50	U	1.0	0.50	ug/L		08/27/13 14:30	08/29/13 21:02	1
Zinc	8.3	U	20	8.3	ug/L		08/27/13 14:30	08/29/13 21:02	1
Zinc, Dissolved	8.3	U	20	8.3	ug/L		08/27/13 14:30	08/29/13 21:02	1

Lab Sample ID: LCS 680-291096/2-A
Matrix: Water
Analysis Batch: 291623

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 291096

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	100	106		ug/L		106	75 - 125
Arsenic, Dissolved	100	106		ug/L		106	75 - 125
Barium	100	104		ug/L		104	75 - 125
Barium, Dissolved	100	104		ug/L		104	75 - 125
Beryllium	50.0	50.0		ug/L		100	75 - 125
Beryllium, Dissolved	50.0	50.0		ug/L		100	75 - 125
Cadmium	50.0	51.4		ug/L		103	75 - 125
Cadmium, Dissolved	50.0	51.4		ug/L		103	75 - 125
Copper	100	103		ug/L		103	75 - 125
Copper, Dissolved	100	103		ug/L		103	75 - 125
Lead	50.0	55.6		ug/L		111	75 - 125
Lead, Dissolved	50.0	55.6		ug/L		111	75 - 125
Nickel	100	104		ug/L		104	75 - 125
Nickel, Dissolved	100	104		ug/L		104	75 - 125
Selenium	100	102		ug/L		102	75 - 125
Selenium, Dissolved	100	102		ug/L		102	75 - 125
Thallium	40.0	43.2		ug/L		108	75 - 125
Thallium, Dissolved	40.0	43.2		ug/L		108	75 - 125
Zinc	100	109		ug/L		109	75 - 125
Zinc, Dissolved	100	109		ug/L		109	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-291107/1-A
Matrix: Water
Analysis Batch: 291475

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 291107

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/27/13 15:15	08/28/13 22:16	1
Arsenic, Dissolved	1.3	U	2.5	1.3	ug/L		08/27/13 15:15	08/28/13 22:16	1
Barium	1.3	U	5.0	1.3	ug/L		08/27/13 15:15	08/28/13 22:16	1
Barium, Dissolved	1.3	U	5.0	1.3	ug/L		08/27/13 15:15	08/28/13 22:16	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/27/13 15:15	08/28/13 22:16	1
Beryllium, Dissolved	0.25	U	0.50	0.25	ug/L		08/27/13 15:15	08/28/13 22:16	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/27/13 15:15	08/28/13 22:16	1
Cadmium, Dissolved	0.095	U	0.50	0.095	ug/L		08/27/13 15:15	08/28/13 22:16	1
Copper	1.1	U	5.0	1.1	ug/L		08/27/13 15:15	08/28/13 22:16	1
Copper, Dissolved	1.1	U	5.0	1.1	ug/L		08/27/13 15:15	08/28/13 22:16	1
Lead	0.20	U	1.5	0.20	ug/L		08/27/13 15:15	08/28/13 22:16	1
Lead, Dissolved	0.20	U	1.5	0.20	ug/L		08/27/13 15:15	08/28/13 22:16	1
Nickel	2.0	U	5.0	2.0	ug/L		08/27/13 15:15	08/28/13 22:16	1
Nickel, Dissolved	2.0	U	5.0	2.0	ug/L		08/27/13 15:15	08/28/13 22:16	1
Selenium	1.0	U	2.5	1.0	ug/L		08/27/13 15:15	08/28/13 22:16	1
Selenium, Dissolved	1.0	U	2.5	1.0	ug/L		08/27/13 15:15	08/28/13 22:16	1
Thallium	0.50	U	1.0	0.50	ug/L		08/27/13 15:15	08/28/13 22:16	1
Thallium, Dissolved	0.50	U	1.0	0.50	ug/L		08/27/13 15:15	08/28/13 22:16	1
Zinc	8.3	U	20	8.3	ug/L		08/27/13 15:15	08/28/13 22:16	1
Zinc, Dissolved	8.3	U	20	8.3	ug/L		08/27/13 15:15	08/28/13 22:16	1

Lab Sample ID: LCS 680-291107/2-A
Matrix: Water
Analysis Batch: 291475

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 291107

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	100	108		ug/L		108	75 - 125
Arsenic, Dissolved	100	108		ug/L		108	75 - 125
Barium	100	104		ug/L		104	75 - 125
Barium, Dissolved	100	104		ug/L		104	75 - 125
Beryllium	50.0	52.5		ug/L		105	75 - 125
Beryllium, Dissolved	50.0	52.5		ug/L		105	75 - 125
Cadmium	50.0	53.9		ug/L		108	75 - 125
Cadmium, Dissolved	50.0	53.9		ug/L		108	75 - 125
Copper	100	109		ug/L		109	75 - 125
Copper, Dissolved	100	109		ug/L		109	75 - 125
Lead	50.0	55.1		ug/L		110	75 - 125
Lead, Dissolved	50.0	55.1		ug/L		110	75 - 125
Nickel	100	110		ug/L		110	75 - 125
Nickel, Dissolved	100	110		ug/L		110	75 - 125
Selenium	100	110		ug/L		110	75 - 125
Selenium, Dissolved	100	110		ug/L		110	75 - 125
Thallium	40.0	43.1		ug/L		108	75 - 125
Thallium, Dissolved	40.0	43.1		ug/L		108	75 - 125
Zinc	100	110		ug/L		110	75 - 125
Zinc, Dissolved	100	110		ug/L		110	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 640-44815-21 MS | **Client Sample ID: MW-TP1I**
Matrix: Water | **Prep Type: Total Recoverable**
Analysis Batch: 291475 | **Prep Batch: 291107**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.3	U	100	117		ug/L		117	75 - 125
Arsenic, Dissolved	1.3		100	117		ug/L		117	75 - 125
Barium	46		100	166		ug/L		120	75 - 125
Barium, Dissolved	46		100	166		ug/L		120	75 - 125
Beryllium	0.25		50.0	56.2		ug/L		112	75 - 125
Beryllium, Dissolved	0.25		50.0	56.2		ug/L		112	75 - 125
Cadmium	0.095		50.0	61.9		ug/L		124	75 - 125
Cadmium, Dissolved	0.095		50.0	61.9		ug/L		124	75 - 125
Copper	1.1		100	121		ug/L		121	75 - 125
Copper, Dissolved	1.1		100	121		ug/L		121	75 - 125
Lead	0.20	U	50.0	62.0		ug/L		124	75 - 125
Lead, Dissolved	0.20		50.0	62.0		ug/L		124	75 - 125
Nickel	2.0	U	100	120		ug/L		120	75 - 125
Nickel, Dissolved	2.0		100	120		ug/L		120	75 - 125
Selenium	1.0		100	118		ug/L		118	75 - 125
Selenium, Dissolved	1.0		100	118		ug/L		118	75 - 125
Thallium	0.50		40.0	48.2		ug/L		121	75 - 125
Thallium, Dissolved	0.50		40.0	48.2		ug/L		121	75 - 125
Zinc	8.3		100	122		ug/L		122	75 - 125
Zinc, Dissolved	8.3		100	122		ug/L		122	75 - 125

Lab Sample ID: 640-44815-21 MSD | **Client Sample ID: MW-TP1I**
Matrix: Water | **Prep Type: Total Recoverable**
Analysis Batch: 291475 | **Prep Batch: 291107**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	1.3	U	100	111		ug/L		111	75 - 125	5	20
Arsenic, Dissolved	1.3		100	111		ug/L		111	75 - 125	5	20
Barium	46		100	157		ug/L		110	75 - 125	6	20
Barium, Dissolved	46		100	157		ug/L		110	75 - 125	6	20
Beryllium	0.25		50.0	55.4		ug/L		111	75 - 125	2	20
Beryllium, Dissolved	0.25		50.0	55.4		ug/L		111	75 - 125	2	20
Cadmium	0.095		50.0	57.8		ug/L		116	75 - 125	7	20
Cadmium, Dissolved	0.095		50.0	57.8		ug/L		116	75 - 125	7	20
Copper	1.1		100	113		ug/L		113	75 - 125	6	20
Copper, Dissolved	1.1		100	113		ug/L		113	75 - 125	6	20
Lead	0.20	U	50.0	59.9		ug/L		120	75 - 125	3	20
Lead, Dissolved	0.20		50.0	59.9		ug/L		120	75 - 125	3	20
Nickel	2.0	U	100	112		ug/L		112	75 - 125	7	20
Nickel, Dissolved	2.0		100	112		ug/L		112	75 - 125	7	20
Selenium	1.0		100	115		ug/L		115	75 - 125	2	20
Selenium, Dissolved	1.0		100	115		ug/L		115	75 - 125	2	20
Thallium	0.50		40.0	47.0		ug/L		117	75 - 125	3	20
Thallium, Dissolved	0.50		40.0	47.0		ug/L		117	75 - 125	3	20
Zinc	8.3		100	112		ug/L		112	75 - 125	9	20
Zinc, Dissolved	8.3		100	112		ug/L		112	75 - 125	9	20

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-291119/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 291475 — **Prep Batch: 291119**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		08/27/13 16:01	08/28/13 19:23	1
Barium	1.3	U	5.0	1.3	ug/L		08/27/13 16:01	08/28/13 19:23	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/27/13 16:01	08/28/13 19:23	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/27/13 16:01	08/28/13 19:23	1
Copper	1.1	U	5.0	1.1	ug/L		08/27/13 16:01	08/28/13 19:23	1
Lead	0.20	U	1.5	0.20	ug/L		08/27/13 16:01	08/28/13 19:23	1
Nickel	2.0	U	5.0	2.0	ug/L		08/27/13 16:01	08/28/13 19:23	1
Selenium	1.0	U	2.5	1.0	ug/L		08/27/13 16:01	08/28/13 19:23	1
Thallium	0.50	U	1.0	0.50	ug/L		08/27/13 16:01	08/28/13 19:23	1
Zinc	8.3	U	20	8.3	ug/L		08/27/13 16:01	08/28/13 19:23	1

Lab Sample ID: LCS 680-291119/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 291475 — **Prep Batch: 291119**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	100	108		ug/L		108	75 - 125
Barium	100	106		ug/L		106	75 - 125
Beryllium	50.0	54.3		ug/L		109	75 - 125
Cadmium	50.0	54.0		ug/L		108	75 - 125
Copper	100	111		ug/L		111	75 - 125
Lead	50.0	55.5		ug/L		111	75 - 125
Nickel	100	113		ug/L		113	75 - 125
Selenium	100	111		ug/L		111	75 - 125
Thallium	40.0	43.8		ug/L		110	75 - 125
Zinc	100	111		ug/L		111	75 - 125

Lab Sample ID: 640-44815-41 MS — **Client Sample ID: EQ-1**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 291475 — **Prep Batch: 291119**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.3	U	100	107		ug/L		107	75 - 125
Barium	1.3	U	100	105		ug/L		105	75 - 125
Beryllium	0.25	U	50.0	52.2		ug/L		104	75 - 125
Cadmium	0.095	U	50.0	54.0		ug/L		108	75 - 125
Copper	1.1	U	100	106		ug/L		106	75 - 125
Lead	0.20	U	50.0	53.7		ug/L		107	75 - 125
Nickel	2.0	U	100	110		ug/L		110	75 - 125
Selenium	1.0	U	100	107		ug/L		107	75 - 125
Thallium	0.50	U	40.0	42.7		ug/L		107	75 - 125
Zinc	8.3	U	100	107		ug/L		107	75 - 125

Lab Sample ID: 640-44815-41 MSD — **Client Sample ID: EQ-1**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 291475 — **Prep Batch: 291119**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	1.3	U	100	117		ug/L		117	75 - 125	8	20

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 640-44815-41 MSD — **Client Sample ID: EQ-1**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 291475 — **Prep Batch: 291119**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Barium	1.3	U	100	117		ug/L		117	75 - 125	11	20
Beryllium	0.25	U	50.0	57.3		ug/L		115	75 - 125	9	20
Cadmium	0.095	U	50.0	59.6		ug/L		119	75 - 125	10	20
Copper	1.1	U	100	119		ug/L		119	75 - 125	12	20
Lead	0.20	U	50.0	60.0		ug/L		120	75 - 125	11	20
Nickel	2.0	U	100	120		ug/L		120	75 - 125	8	20
Selenium	1.0	U	100	118		ug/L		118	75 - 125	10	20
Thallium	0.50	U	40.0	46.0		ug/L		115	75 - 125	7	20
Zinc	8.3	U	100	115		ug/L		115	75 - 125	7	20

Lab Sample ID: 640-44815-1 MS — **Client Sample ID: MW-7S-R (Filtered)**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 291623 — **Prep Batch: 291096**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	2.1		100	108		ug/L		106	75 - 125
Arsenic, Dissolved	2.1	J	100	108		ug/L		106	75 - 125
Barium	11		100	113		ug/L		102	75 - 125
Barium, Dissolved	11		100	113		ug/L		102	75 - 125
Beryllium	5.7		50.0	55.6		ug/L		100	75 - 125
Beryllium, Dissolved	5.7		50.0	55.6		ug/L		100	75 - 125
Cadmium	1.2		50.0	53.3		ug/L		104	75 - 125
Cadmium, Dissolved	1.2		50.0	53.3		ug/L		104	75 - 125
Copper	71		100	171		ug/L		101	75 - 125
Copper, Dissolved	71		100	171		ug/L		101	75 - 125
Lead	1.6		50.0	56.3		ug/L		109	75 - 125
Lead, Dissolved	1.6		50.0	56.3		ug/L		109	75 - 125
Nickel	92		100	194		ug/L		102	75 - 125
Nickel, Dissolved	92		100	194		ug/L		102	75 - 125
Selenium	3.2		100	110		ug/L		107	75 - 125
Selenium, Dissolved	3.2		100	110		ug/L		107	75 - 125
Thallium	0.50		40.0	42.2		ug/L		106	75 - 125
Thallium, Dissolved	0.50		40.0	42.2		ug/L		106	75 - 125
Zinc	490		100	604	4	ug/L		114	75 - 125
Zinc, Dissolved	490		100	604	4	ug/L		114	75 - 125

Lab Sample ID: 640-44815-1 MSD — **Client Sample ID: MW-7S-R (Filtered)**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 291623 — **Prep Batch: 291096**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	2.1		100	108		ug/L		106	75 - 125	0	20
Arsenic, Dissolved	2.1	J	100	108		ug/L		106	75 - 125	0	20
Barium	11		100	111		ug/L		100	75 - 125	2	20
Barium, Dissolved	11		100	111		ug/L		100	75 - 125	2	20
Beryllium	5.7		50.0	55.9		ug/L		100	75 - 125	0	20
Beryllium, Dissolved	5.7		50.0	55.9		ug/L		100	75 - 125	0	20
Cadmium	1.2		50.0	53.4		ug/L		104	75 - 125	0	20
Cadmium, Dissolved	1.2		50.0	53.4		ug/L		104	75 - 125	0	20

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 640-44815-1 MSD | **Client Sample ID: MW-7S-R (Filtered)**
Matrix: Water | **Prep Type: Dissolved**
Analysis Batch: 291623 | **Prep Batch: 291096**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Copper	71		100	167		ug/L		97	75 - 125	2	20
Copper, Dissolved	71		100	167		ug/L		97	75 - 125	2	20
Lead	1.6		50.0	55.2		ug/L		107	75 - 125	2	20
Lead, Dissolved	1.6		50.0	55.2		ug/L		107	75 - 125	2	20
Nickel	92		100	192		ug/L		100	75 - 125	1	20
Nickel, Dissolved	92		100	192		ug/L		100	75 - 125	1	20
Selenium	3.2		100	111		ug/L		108	75 - 125	1	20
Selenium, Dissolved	3.2		100	111		ug/L		108	75 - 125	1	20
Thallium	0.50		40.0	42.1		ug/L		105	75 - 125	0	20
Thallium, Dissolved	0.50		40.0	42.1		ug/L		105	75 - 125	0	20
Zinc	490		100	583	4	ug/L		93	75 - 125	4	20
Zinc, Dissolved	490		100	583	4	ug/L		93	75 - 125	4	20

Metals

Prep Batch: 291096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-44815-1	MW-7S-R (Filtered)	Dissolved	Water	3005A	
640-44815-1 MS	MW-7S-R (Filtered)	Dissolved	Water	3005A	
640-44815-1 MSD	MW-7S-R (Filtered)	Dissolved	Water	3005A	
640-44815-2	DUP-5	Total Recoverable	Water	3005A	
640-44815-3	MW-32I	Total Recoverable	Water	3005A	
640-44815-4	MW-32S-R	Total Recoverable	Water	3005A	
640-44815-5	MW-12I	Total Recoverable	Water	3005A	
640-44815-6	MW-12S	Total Recoverable	Water	3005A	
640-44815-7	MW-40S	Total Recoverable	Water	3005A	
640-44815-8	MW-13I	Total Recoverable	Water	3005A	
640-44815-9	DUP-6	Total Recoverable	Water	3005A	
640-44815-10	DUP-7	Total Recoverable	Water	3005A	
640-44815-11	MW-7S-R	Total Recoverable	Water	3005A	
640-44815-12	MW-2S	Total Recoverable	Water	3005A	
640-44815-13	MW-9S-R	Total Recoverable	Water	3005A	
640-44815-14	MW-36S	Total Recoverable	Water	3005A	
640-44815-15	MW-13S-R	Total Recoverable	Water	3005A	
640-44815-16	MW-27S-R	Total Recoverable	Water	3005A	
640-44815-17	MW-37S	Total Recoverable	Water	3005A	
640-44815-18	MW-34S	Total Recoverable	Water	3005A	
640-44815-19	MW-34I	Total Recoverable	Water	3005A	
640-44815-20	MW-34I (Filtered)	Dissolved	Water	3005A	
LCS 680-291096/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 680-291096/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 291107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-44815-21	MW-TP1I	Total Recoverable	Water	3005A	
640-44815-21 MS	MW-TP1I	Total Recoverable	Water	3005A	
640-44815-21 MSD	MW-TP1I	Total Recoverable	Water	3005A	
640-44815-22	MW-TP1S	Total Recoverable	Water	3005A	
640-44815-23	MW-49S	Total Recoverable	Water	3005A	
640-44815-24	MW-49S (Filtered)	Dissolved	Water	3005A	
640-44815-25	MW-TP4S	Total Recoverable	Water	3005A	
640-44815-26	MW-24S	Total Recoverable	Water	3005A	
640-44815-27	MW-38S	Total Recoverable	Water	3005A	
640-44815-28	MW-11S	Total Recoverable	Water	3005A	
640-44815-29	MW-10S-R	Total Recoverable	Water	3005A	
640-44815-30	MW-1S-R	Total Recoverable	Water	3005A	
640-44815-31	MW-5S-R	Total Recoverable	Water	3005A	
640-44815-32	MW-39S	Total Recoverable	Water	3005A	
640-44815-33	MW-TP5S	Total Recoverable	Water	3005A	
640-44815-34	MW-TP5I	Total Recoverable	Water	3005A	
640-44815-35	MW-TP5I (Filtered)	Dissolved	Water	3005A	
640-44815-36	FFFW-3-R	Total Recoverable	Water	3005A	
640-44815-37	MW-43S	Total Recoverable	Water	3005A	
640-44815-38	FFFW-4-R	Total Recoverable	Water	3005A	
640-44815-39	FFFW-4-R (Filtered)	Dissolved	Water	3005A	
640-44815-40	MW-45S	Total Recoverable	Water	3005A	
LCS 680-291107/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 680-291107/1-A	Method Blank	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 291119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-44815-41	EQ-1	Total Recoverable	Water	3005A	
640-44815-41 MS	EQ-1	Total Recoverable	Water	3005A	
640-44815-41 MSD	EQ-1	Total Recoverable	Water	3005A	
640-44815-42	MW-47S	Total Recoverable	Water	3005A	
640-44815-43	DUP-4	Total Recoverable	Water	3005A	
640-44815-44	MW-3S	Total Recoverable	Water	3005A	
640-44815-45	DUP-3	Total Recoverable	Water	3005A	
640-44815-46	MW-6S-R	Total Recoverable	Water	3005A	
640-44815-47	MW-8I	Total Recoverable	Water	3005A	
640-44815-48	MW-30S	Total Recoverable	Water	3005A	
640-44815-49	DUP-1	Total Recoverable	Water	3005A	
640-44815-50	FFFW-2I	Total Recoverable	Water	3005A	
640-44815-51	FFFW-2-R	Total Recoverable	Water	3005A	
640-44815-52	MW-23S	Total Recoverable	Water	3005A	
640-44815-53	MW-2I	Total Recoverable	Water	3005A	
640-44815-54	MW-1I-R	Total Recoverable	Water	3005A	
640-44815-55	MW-10I	Total Recoverable	Water	3005A	
640-44815-56	MW-6I	Total Recoverable	Water	3005A	
640-44815-57	EQ-2	Total Recoverable	Water	3005A	
LCS 680-291119/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 680-291119/1-A	Method Blank	Total Recoverable	Water	3005A	

Analysis Batch: 291475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-44815-21	MW-TP1I	Total Recoverable	Water	6020A	291107
640-44815-21 MS	MW-TP1I	Total Recoverable	Water	6020A	291107
640-44815-21 MSD	MW-TP1I	Total Recoverable	Water	6020A	291107
640-44815-22	MW-TP1S	Total Recoverable	Water	6020A	291107
640-44815-23	MW-49S	Total Recoverable	Water	6020A	291107
640-44815-24	MW-49S (Filtered)	Dissolved	Water	6020A	291107
640-44815-25	MW-TP4S	Total Recoverable	Water	6020A	291107
640-44815-26	MW-24S	Total Recoverable	Water	6020A	291107
640-44815-27	MW-38S	Total Recoverable	Water	6020A	291107
640-44815-28	MW-11S	Total Recoverable	Water	6020A	291107
640-44815-29	MW-10S-R	Total Recoverable	Water	6020A	291107
640-44815-30	MW-1S-R	Total Recoverable	Water	6020A	291107
640-44815-31	MW-5S-R	Total Recoverable	Water	6020A	291107
640-44815-33	MW-TP5S	Total Recoverable	Water	6020A	291107
640-44815-34	MW-TP5I	Total Recoverable	Water	6020A	291107
640-44815-35	MW-TP5I (Filtered)	Dissolved	Water	6020A	291107
640-44815-36	FFFW-3-R	Total Recoverable	Water	6020A	291107
640-44815-37	MW-43S	Total Recoverable	Water	6020A	291107
640-44815-38	FFFW-4-R	Total Recoverable	Water	6020A	291107
640-44815-39	FFFW-4-R (Filtered)	Dissolved	Water	6020A	291107
640-44815-40	MW-45S	Total Recoverable	Water	6020A	291107
640-44815-41	EQ-1	Total Recoverable	Water	6020A	291119
640-44815-41 MS	EQ-1	Total Recoverable	Water	6020A	291119
640-44815-41 MSD	EQ-1	Total Recoverable	Water	6020A	291119
640-44815-42	MW-47S	Total Recoverable	Water	6020A	291119
640-44815-43	DUP-4	Total Recoverable	Water	6020A	291119
640-44815-44	MW-3S	Total Recoverable	Water	6020A	291119

Metals (Continued)

Analysis Batch: 291475 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-44815-45	DUP-3	Total Recoverable	Water	6020A	291119
640-44815-46	MW-6S-R	Total Recoverable	Water	6020A	291119
640-44815-47	MW-8I	Total Recoverable	Water	6020A	291119
640-44815-48	MW-30S	Total Recoverable	Water	6020A	291119
640-44815-49	DUP-1	Total Recoverable	Water	6020A	291119
640-44815-50	FFFW-2I	Total Recoverable	Water	6020A	291119
640-44815-51	FFFW-2-R	Total Recoverable	Water	6020A	291119
640-44815-52	MW-23S	Total Recoverable	Water	6020A	291119
640-44815-53	MW-2I	Total Recoverable	Water	6020A	291119
640-44815-54	MW-1I-R	Total Recoverable	Water	6020A	291119
640-44815-55	MW-10I	Total Recoverable	Water	6020A	291119
640-44815-56	MW-6I	Total Recoverable	Water	6020A	291119
640-44815-57	EQ-2	Total Recoverable	Water	6020A	291119
LCS 680-291107/2-A	Lab Control Sample	Total Recoverable	Water	6020A	291107
LCS 680-291119/2-A	Lab Control Sample	Total Recoverable	Water	6020A	291119
MB 680-291107/1-A	Method Blank	Total Recoverable	Water	6020A	291107
MB 680-291119/1-A	Method Blank	Total Recoverable	Water	6020A	291119

Analysis Batch: 291623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-44815-1	MW-7S-R (Filtered)	Dissolved	Water	6020A	291096
640-44815-1 MS	MW-7S-R (Filtered)	Dissolved	Water	6020A	291096
640-44815-1 MSD	MW-7S-R (Filtered)	Dissolved	Water	6020A	291096
640-44815-2	DUP-5	Total Recoverable	Water	6020A	291096
640-44815-3	MW-32I	Total Recoverable	Water	6020A	291096
640-44815-4	MW-32S-R	Total Recoverable	Water	6020A	291096
640-44815-5	MW-12I	Total Recoverable	Water	6020A	291096
640-44815-6	MW-12S	Total Recoverable	Water	6020A	291096
640-44815-6	MW-12S	Total Recoverable	Water	6020A	291096
640-44815-7	MW-40S	Total Recoverable	Water	6020A	291096
640-44815-8	MW-13I	Total Recoverable	Water	6020A	291096
640-44815-9	DUP-6	Total Recoverable	Water	6020A	291096
640-44815-9	DUP-6	Total Recoverable	Water	6020A	291096
640-44815-10	DUP-7	Total Recoverable	Water	6020A	291096
640-44815-11	MW-7S-R	Total Recoverable	Water	6020A	291096
640-44815-12	MW-2S	Total Recoverable	Water	6020A	291096
640-44815-13	MW-9S-R	Total Recoverable	Water	6020A	291096
640-44815-14	MW-36S	Total Recoverable	Water	6020A	291096
640-44815-15	MW-13S-R	Total Recoverable	Water	6020A	291096
640-44815-16	MW-27S-R	Total Recoverable	Water	6020A	291096
640-44815-17	MW-37S	Total Recoverable	Water	6020A	291096
640-44815-18	MW-34S	Total Recoverable	Water	6020A	291096
640-44815-19	MW-34I	Total Recoverable	Water	6020A	291096
640-44815-20	MW-34I (Filtered)	Dissolved	Water	6020A	291096
640-44815-32	MW-39S	Total Recoverable	Water	6020A	291107
640-44815-33	MW-TP5S	Total Recoverable	Water	6020A	291107
640-44815-43	DUP-4	Total Recoverable	Water	6020A	291119
LCS 680-291096/2-A	Lab Control Sample	Total Recoverable	Water	6020A	291096
MB 680-291096/1-A	Method Blank	Total Recoverable	Water	6020A	291096

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44815-1

Client Sample ID: MW-7S-R (Filtered)

Lab Sample ID: 640-44815-1
Date Collected: 08/20/13 09:37
Matrix: Water
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			291096	08/27/13 14:30	BJB	TAL SAV
Dissolved	Analysis	6020A		1	291623	08/29/13 21:14	CME	TAL SAV

Client Sample ID: DUP-5

Lab Sample ID: 640-44815-2
Date Collected: 08/20/13 00:00
Matrix: Water
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291096	08/27/13 14:30	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291623	08/29/13 21:42	CME	TAL SAV

Client Sample ID: MW-32I

Lab Sample ID: 640-44815-3
Date Collected: 08/20/13 09:47
Matrix: Water
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291096	08/27/13 14:30	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291623	08/29/13 21:48	CME	TAL SAV

Client Sample ID: MW-32S-R

Lab Sample ID: 640-44815-4
Date Collected: 08/20/13 10:11
Matrix: Water
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291096	08/27/13 14:30	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291623	08/29/13 21:54	CME	TAL SAV

Client Sample ID: MW-12I

Lab Sample ID: 640-44815-5
Date Collected: 08/20/13 11:19
Matrix: Water
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291096	08/27/13 14:30	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291623	08/29/13 22:11	CME	TAL SAV

Client Sample ID: MW-12S

Lab Sample ID: 640-44815-6
Date Collected: 08/20/13 12:14
Matrix: Water
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Analysis	6020A		1	291623	08/29/13 22:17	CME	TAL SAV
Total Recoverable	Prep	3005A			291096	08/27/13 14:30	BJB	TAL SAV

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44815-1

Client Sample ID: MW-12S — Lab Sample ID: 640-44815-6

Date Collected: 08/20/13 12:14 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Analysis	6020A		10	291623	08/29/13 22:23	CME	TAL SAV

Client Sample ID: MW-40S — Lab Sample ID: 640-44815-7

Date Collected: 08/20/13 15:52 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291096	08/27/13 14:30	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291623	08/29/13 22:29	CME	TAL SAV

Client Sample ID: MW-13I — Lab Sample ID: 640-44815-8

Date Collected: 08/20/13 16:50 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291096	08/27/13 14:30	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291623	08/29/13 22:34	CME	TAL SAV

Client Sample ID: DUP-6 — Lab Sample ID: 640-44815-9

Date Collected: 08/20/13 00:00 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291096	08/27/13 14:30	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291623	08/29/13 22:40	CME	TAL SAV
Total Recoverable	Analysis	6020A		10	291623	08/29/13 22:46	CME	TAL SAV

Client Sample ID: DUP-7 — Lab Sample ID: 640-44815-10

Date Collected: 08/20/13 00:00 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291096	08/27/13 14:30	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291623	08/29/13 22:52	CME	TAL SAV

Client Sample ID: MW-7S-R — Lab Sample ID: 640-44815-11

Date Collected: 08/20/13 09:37 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291096	08/27/13 14:30	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291623	08/29/13 22:57	CME	TAL SAV

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44815-1

Client Sample ID: MW-2S — Lab Sample ID: 640-44815-12

Date Collected: 08/20/13 10:19 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291096	08/27/13 14:30	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291623	08/29/13 23:03	CME	TAL SAV

Client Sample ID: MW-9S-R — Lab Sample ID: 640-44815-13

Date Collected: 08/20/13 11:54 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291096	08/27/13 14:30	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291623	08/29/13 23:20	CME	TAL SAV

Client Sample ID: MW-36S — Lab Sample ID: 640-44815-14

Date Collected: 08/20/13 12:06 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291096	08/27/13 14:30	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291623	08/29/13 23:26	CME	TAL SAV

Client Sample ID: MW-13S-R — Lab Sample ID: 640-44815-15

Date Collected: 08/20/13 14:38 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291096	08/27/13 14:30	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291623	08/29/13 23:32	CME	TAL SAV

Client Sample ID: MW-27S-R — Lab Sample ID: 640-44815-16

Date Collected: 08/20/13 17:05 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291096	08/27/13 14:30	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291623	08/29/13 23:38	CME	TAL SAV

Client Sample ID: MW-37S — Lab Sample ID: 640-44815-17

Date Collected: 08/20/13 14:58 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291096	08/27/13 14:30	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291623	08/29/13 23:44	CME	TAL SAV

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44815-1

Client Sample ID: MW-34S — Lab Sample ID: 640-44815-18

Date Collected: 08/21/13 08:58 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291096	08/27/13 14:30	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291623	08/29/13 23:49	CME	TAL SAV

Client Sample ID: MW-34I — Lab Sample ID: 640-44815-19

Date Collected: 08/21/13 09:27 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291096	08/27/13 14:30	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291623	08/29/13 23:55	CME	TAL SAV

Client Sample ID: MW-34I (Filtered) — Lab Sample ID: 640-44815-20

Date Collected: 08/21/13 09:29 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			291096	08/27/13 14:30	BJB	TAL SAV
Dissolved	Analysis	6020A		1	291623	08/30/13 00:01	CME	TAL SAV

Client Sample ID: MW-TP1I — Lab Sample ID: 640-44815-21

Date Collected: 08/21/13 10:36 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291107	08/27/13 15:15	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/28/13 22:28	BWR	TAL SAV

Client Sample ID: MW-TP1S — Lab Sample ID: 640-44815-22

Date Collected: 08/21/13 11:05 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291107	08/27/13 15:15	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/28/13 22:56	BWR	TAL SAV

Client Sample ID: MW-49S — Lab Sample ID: 640-44815-23

Date Collected: 08/21/13 12:47 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291107	08/27/13 15:15	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/28/13 23:02	BWR	TAL SAV

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44815-1

Client Sample ID: MW-49S (Filtered)

Lab Sample ID: 640-44815-24
Date Collected: 08/21/13 12:49
Matrix: Water
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			291107	08/27/13 15:15	BJB	TAL SAV
Dissolved	Analysis	6020A		1	291475	08/28/13 23:08	BWR	TAL SAV

Client Sample ID: MW-TP4S

Lab Sample ID: 640-44815-25
Date Collected: 08/21/13 14:20
Matrix: Water
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291107	08/27/13 15:15	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/28/13 23:25	BWR	TAL SAV

Client Sample ID: MW-24S

Lab Sample ID: 640-44815-26
Date Collected: 08/21/13 14:59
Matrix: Water
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291107	08/27/13 15:15	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/28/13 23:31	BWR	TAL SAV

Client Sample ID: MW-38S

Lab Sample ID: 640-44815-27
Date Collected: 08/21/13 09:43
Matrix: Water
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291107	08/27/13 15:15	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/28/13 23:37	BWR	TAL SAV

Client Sample ID: MW-11S

Lab Sample ID: 640-44815-28
Date Collected: 08/21/13 11:08
Matrix: Water
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291107	08/27/13 15:15	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/28/13 23:43	BWR	TAL SAV

Client Sample ID: MW-10S-R

Lab Sample ID: 640-44815-29
Date Collected: 08/21/13 11:48
Matrix: Water
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291107	08/27/13 15:15	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/28/13 23:48	BWR	TAL SAV

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44815-1

Client Sample ID: MW-1S-R — Lab Sample ID: 640-44815-30

Date Collected: 08/21/13 14:37 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291107	08/27/13 15:15	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/28/13 23:54	BWR	TAL SAV

Client Sample ID: MW-5S-R — Lab Sample ID: 640-44815-31

Date Collected: 08/21/13 14:17 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291107	08/27/13 15:15	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/29/13 00:00	BWR	TAL SAV

Client Sample ID: MW-39S — Lab Sample ID: 640-44815-32

Date Collected: 08/21/13 16:12 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291107	08/27/13 15:15	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291623	08/29/13 20:10	CME	TAL SAV

Client Sample ID: MW-TP5S — Lab Sample ID: 640-44815-33

Date Collected: 08/22/13 10:06 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291107	08/27/13 15:15	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/29/13 00:11	BWR	TAL SAV
Total Recoverable	Analysis	6020A		10	291623	08/29/13 19:24	CME	TAL SAV

Client Sample ID: MW-TP5I — Lab Sample ID: 640-44815-34

Date Collected: 08/22/13 09:41 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291107	08/27/13 15:15	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/29/13 00:17	BWR	TAL SAV

Client Sample ID: MW-TP5I (Filtered) — Lab Sample ID: 640-44815-35

Date Collected: 08/22/13 09:43 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			291107	08/27/13 15:15	BJB	TAL SAV
Dissolved	Analysis	6020A		1	291475	08/29/13 00:34	BWR	TAL SAV

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44815-1

Client Sample ID: FFFW-3-R — Lab Sample ID: 640-44815-36

Date Collected: 08/22/13 12:08 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291107	08/27/13 15:15	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/29/13 00:40	BWR	TAL SAV

Client Sample ID: MW-43S — Lab Sample ID: 640-44815-37

Date Collected: 08/22/13 12:22 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291107	08/27/13 15:15	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/29/13 00:46	BWR	TAL SAV

Client Sample ID: FFFW-4-R — Lab Sample ID: 640-44815-38

Date Collected: 08/22/13 15:19 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291107	08/27/13 15:15	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/29/13 00:52	BWR	TAL SAV

Client Sample ID: FFFW-4-R (Filtered) — Lab Sample ID: 640-44815-39

Date Collected: 08/22/13 15:24 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			291107	08/27/13 15:15	BJB	TAL SAV
Dissolved	Analysis	6020A		1	291475	08/29/13 00:57	BWR	TAL SAV

Client Sample ID: MW-45S — Lab Sample ID: 640-44815-40

Date Collected: 08/22/13 14:47 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291107	08/27/13 15:15	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/29/13 01:03	BWR	TAL SAV

Client Sample ID: EQ-1 — Lab Sample ID: 640-44815-41

Date Collected: 08/22/13 15:57 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291119	08/27/13 16:01	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/28/13 19:35	BWR	TAL SAV

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44815-1

Client Sample ID: MW-47S — Lab Sample ID: 640-44815-42

Date Collected: 08/22/13 17:06 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291119	08/27/13 16:01	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/28/13 20:04	BWR	TAL SAV

Client Sample ID: DUP-4 — Lab Sample ID: 640-44815-43

Date Collected: 08/22/13 00:00 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Analysis	6020A		1	291475	08/28/13 20:09	BWR	TAL SAV
Total Recoverable	Prep	3005A			291119	08/27/13 16:01	BJB	TAL SAV
Total Recoverable	Analysis	6020A		10	291623	08/29/13 19:30	CME	TAL SAV

Client Sample ID: MW-3S — Lab Sample ID: 640-44815-44

Date Collected: 08/22/13 10:05 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291119	08/27/13 16:01	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/28/13 20:15	BWR	TAL SAV

Client Sample ID: DUP-3 — Lab Sample ID: 640-44815-45

Date Collected: 08/22/13 00:00 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291119	08/27/13 16:01	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/28/13 20:33	BWR	TAL SAV

Client Sample ID: MW-6S-R — Lab Sample ID: 640-44815-46

Date Collected: 08/22/13 11:23 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291119	08/27/13 16:01	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/28/13 20:38	BWR	TAL SAV

Client Sample ID: MW-8I — Lab Sample ID: 640-44815-47

Date Collected: 08/22/13 13:12 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291119	08/27/13 16:01	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/28/13 20:44	BWR	TAL SAV

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44815-1

Client Sample ID: MW-30S — Lab Sample ID: 640-44815-48

Date Collected: 08/22/13 16:14 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291119	08/27/13 16:01	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/28/13 20:50	BWR	TAL SAV

Client Sample ID: DUP-1 — Lab Sample ID: 640-44815-49

Date Collected: 08/22/13 00:00 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291119	08/27/13 16:01	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/28/13 20:56	BWR	TAL SAV

Client Sample ID: FFFW-2I — Lab Sample ID: 640-44815-50

Date Collected: 08/23/13 08:11 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291119	08/27/13 16:01	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/28/13 21:01	BWR	TAL SAV

Client Sample ID: FFFW-2-R — Lab Sample ID: 640-44815-51

Date Collected: 08/23/13 08:48 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291119	08/27/13 16:01	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/28/13 21:07	BWR	TAL SAV

Client Sample ID: MW-23S — Lab Sample ID: 640-44815-52

Date Collected: 08/23/13 11:01 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291119	08/27/13 16:01	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/28/13 21:13	BWR	TAL SAV

Client Sample ID: MW-2I — Lab Sample ID: 640-44815-53

Date Collected: 08/23/13 12:00 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291119	08/27/13 16:01	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/28/13 21:19	BWR	TAL SAV

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44815-1

Client Sample ID: MW-1I-R — Lab Sample ID: 640-44815-54

Date Collected: 08/23/13 11:06 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291119	08/27/13 16:01	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/28/13 21:24	BWR	TAL SAV

Client Sample ID: MW-10I — Lab Sample ID: 640-44815-55

Date Collected: 08/23/13 10:12 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291119	08/27/13 16:01	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/28/13 21:42	BWR	TAL SAV

Client Sample ID: MW-6I — Lab Sample ID: 640-44815-56

Date Collected: 08/23/13 12:46 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291119	08/27/13 16:01	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/28/13 21:47	BWR	TAL SAV

Client Sample ID: EQ-2 — Lab Sample ID: 640-44815-57

Date Collected: 08/23/13 12:00 — **Matrix: Water**
Date Received: 08/23/13 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291119	08/27/13 16:01	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1	291475	08/28/13 21:53	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: 640-44815-1

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
N/A	N/A	N/A	None on record.	

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	ISO/IEC 17025		399.01	02-28-15
Alabama	State Program	4	41450	06-30-13 *
Arkansas DEQ	State Program	6	88-0692	02-01-14 *
California	NELAP	9	3217CA	07-31-14 *
Colorado	State Program	8	N/A	12-31-13
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	12-31-13
Georgia	State Program	4	N/A	06-30-14
Georgia	State Program	4	803	06-30-14
Guam	State Program	9	09-005r	06-17-14
Hawaii	State Program	9	N/A	06-30-14
Illinois	NELAP	5	200022	11-30-13
Indiana	State Program	5	N/A	06-30-14
Iowa	State Program	7	353	07-01-15
Kentucky	State Program	4	90084	12-31-13
Kentucky (UST)	State Program	4	18	06-30-14
Louisiana	NELAP	6	30690	06-30-14
Maine	State Program	1	GA00006	08-16-14
Maryland	State Program	3	250	12-31-13
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	01-01-14
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	04-01-14
North Carolina DENR	State Program	4	269	12-31-13
North Carolina DHHS	State Program	4	13701	07-31-14
Oklahoma	State Program	6	9984	08-31-13 *
Pennsylvania	NELAP	3	68-00474	06-30-14
Puerto Rico	State Program	2	GA00006	01-01-14
South Carolina	State Program	4	98001	06-30-13 *
Tennessee	State Program	4	TN02961	06-30-14
Texas	NELAP	6	T104704185-08-TX	11-30-13
USDA	Federal		SAV 3-04	04-07-14
Virginia	NELAP	3	460161	06-14-14
Washington	State Program	10	C1794	06-10-14
West Virginia	State Program	3	9950C	12-31-13
West Virginia DEP	State Program	3	94	09-30-13 *
Wisconsin	State Program	5	999819810	08-31-14
Wyoming	State Program	8	8TMS-Q	06-30-13 *

* Expired certification is currently pending renewal and is considered valid.

Method Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44815-1

Method	Method Description	Protocol	Laboratory
6020A	Metals (ICP/MS)	SW846	TAL SAV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Sample Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44815-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-44815-1	MW-7S-R (Filtered)	Water	08/20/13 09:37	08/23/13 16:00
640-44815-2	DUP-5	Water	08/20/13 00:00	08/23/13 16:00
640-44815-3	MW-32I	Water	08/20/13 09:47	08/23/13 16:00
640-44815-4	MW-32S-R	Water	08/20/13 10:11	08/23/13 16:00
640-44815-5	MW-12I	Water	08/20/13 11:19	08/23/13 16:00
640-44815-6	MW-12S	Water	08/20/13 12:14	08/23/13 16:00
640-44815-7	MW-40S	Water	08/20/13 15:52	08/23/13 16:00
640-44815-8	MW-13I	Water	08/20/13 16:50	08/23/13 16:00
640-44815-9	DUP-6	Water	08/20/13 00:00	08/23/13 16:00
640-44815-10	DUP-7	Water	08/20/13 00:00	08/23/13 16:00
640-44815-11	MW-7S-R	Water	08/20/13 09:37	08/23/13 16:00
640-44815-12	MW-2S	Water	08/20/13 10:19	08/23/13 16:00
640-44815-13	MW-9S-R	Water	08/20/13 11:54	08/23/13 16:00
640-44815-14	MW-36S	Water	08/20/13 12:06	08/23/13 16:00
640-44815-15	MW-13S-R	Water	08/20/13 14:38	08/23/13 16:00
640-44815-16	MW-27S-R	Water	08/20/13 17:05	08/23/13 16:00
640-44815-17	MW-37S	Water	08/20/13 14:58	08/23/13 16:00
640-44815-18	MW-34S	Water	08/21/13 08:58	08/23/13 16:00
640-44815-19	MW-34I	Water	08/21/13 09:27	08/23/13 16:00
640-44815-20	MW-34I (Filtered)	Water	08/21/13 09:29	08/23/13 16:00
640-44815-21	MW-TP1I	Water	08/21/13 10:36	08/23/13 16:00
640-44815-22	MW-TP1S	Water	08/21/13 11:05	08/23/13 16:00
640-44815-23	MW-49S	Water	08/21/13 12:47	08/23/13 16:00
640-44815-24	MW-49S (Filtered)	Water	08/21/13 12:49	08/23/13 16:00
640-44815-25	MW-TP4S	Water	08/21/13 14:20	08/23/13 16:00
640-44815-26	MW-24S	Water	08/21/13 14:59	08/23/13 16:00
640-44815-27	MW-38S	Water	08/21/13 09:43	08/23/13 16:00
640-44815-28	MW-11S	Water	08/21/13 11:08	08/23/13 16:00
640-44815-29	MW-10S-R	Water	08/21/13 11:48	08/23/13 16:00
640-44815-30	MW-1S-R	Water	08/21/13 14:37	08/23/13 16:00
640-44815-31	MW-5S-R	Water	08/21/13 14:17	08/23/13 16:00
640-44815-32	MW-39S	Water	08/21/13 16:12	08/23/13 16:00
640-44815-33	MW-TP5S	Water	08/22/13 10:06	08/23/13 16:00
640-44815-34	MW-TP5I	Water	08/22/13 09:41	08/23/13 16:00
640-44815-35	MW-TP5I (Filtered)	Water	08/22/13 09:43	08/23/13 16:00
640-44815-36	FFFW-3-R	Water	08/22/13 12:08	08/23/13 16:00
640-44815-37	MW-43S	Water	08/22/13 12:22	08/23/13 16:00
640-44815-38	FFFW-4-R	Water	08/22/13 15:19	08/23/13 16:00
640-44815-39	FFFW-4-R (Filtered)	Water	08/22/13 15:24	08/23/13 16:00
640-44815-40	MW-45S	Water	08/22/13 14:47	08/23/13 16:00
640-44815-41	EQ-1	Water	08/22/13 15:57	08/23/13 16:00
640-44815-42	MW-47S	Water	08/22/13 17:06	08/23/13 16:00
640-44815-43	DUP-4	Water	08/22/13 00:00	08/23/13 16:00
640-44815-44	MW-3S	Water	08/22/13 10:05	08/23/13 16:00
640-44815-45	DUP-3	Water	08/22/13 00:00	08/23/13 16:00
640-44815-46	MW-6S-R	Water	08/22/13 11:23	08/23/13 16:00
640-44815-47	MW-8I	Water	08/22/13 13:12	08/23/13 16:00
640-44815-48	MW-30S	Water	08/22/13 16:14	08/23/13 16:00
640-44815-49	DUP-1	Water	08/22/13 00:00	08/23/13 16:00
640-44815-50	FFFW-2I	Water	08/23/13 08:11	08/23/13 16:00
640-44815-51	FFFW-2-R	Water	08/23/13 08:48	08/23/13 16:00
640-44815-52	MW-23S	Water	08/23/13 11:01	08/23/13 16:00
640-44815-53	MW-2I	Water	08/23/13 12:00	08/23/13 16:00

Sample Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44815-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-44815-54	MW-1I-R	Water	08/23/13 11:06	08/23/13 16:00
640-44815-55	MW-10I	Water	08/23/13 10:12	08/23/13 16:00
640-44815-56	MW-6I	Water	08/23/13 12:46	08/23/13 16:00
640-44815-57	EQ-2	Water	08/23/13 12:00	08/23/13 16:00

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

Client Information	Sampler:	Lab PM: Marks, Amy	Carrier Tracking No(s):	COC No: 640-40610-10955.9
Client Contact: Mr. John Carey	Phone:	E-Mail: amy.marks@testamericainc.com		Page:
Company: URS Corporation				Job #: 640-44815
Address: 1625 Summit Lake Drive Suite 200	Due Date Requested:			
City: Tallahassee	TAT Requested (days):			
State, Zip: FL, 32317				
Phone: 850-528-1937(Tel) 850-402-6490(Fax)	PO #: 267418.US			
Email: john_carey@urscorp.com	WO #: 12806184.00000 Vendor No. 1427536			
Project Name: PCS FFF Moultrie	Project #: 64005633			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020 - Site Metals	6020 - Dissolved Site Metals	7470A - Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	D	D	D	X	
~~MW-6~~											
MW-7SR Filtered	8/28/13	0937	G	GW	Y	N	X				
DUP-5	8/28/13		G	GW	N	N	X				

640-44815-01 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: 8/28/13 1600	Company	Received by:	Date/Time: 8/28/13 1600	Company TAT
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 2.0°, 1.3°C

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

Client Information	Sampler: E. Mann, B. Mckee, L Gregg	Lab PM: Marks, Amy	Carrier Tracking No(s):	COC No: 640-40610-10955.9
Client Contact: Mr. John Carey	Phone: 850 643 6461	E-Mail: amy.marks@testamericainc.com		Page:
Company: URS Corporation				Job #: 1040-44815
Address: 1625 Summit Lake Drive Suite 200	Due Date Requested:			
City: Tallahassee	TAT Requested (days):			
State, Zip: FL, 32317				
Phone: 850-528-1937(Tel) 850-402-6490(Fax)	PO #: 267418.US			
Email: john_carey@urscorp.com	WO #: 12806184.00000 Vendor No. 1427536			
Project Name: PCS FFF Moultrie	Project #: 64005633			
Site: Moultrie, GA	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020 - Site Metals	6020 - Dissolved Site Metals	7470A - Mercury	Total Number of containers	Special Instructions/Note:
Preservation Code:							D	D	D		
MW-32I	8/20/13	0947	G	GW	N	N	X				
MW-32SR		1011									
MW-12I		1119									
MW-12S		1214									
MW-40S		1552									
MW-13I		1650									
DUP-6											
DUP-7											
MW-7SR		0937									
MW-2S		1019									
MW-9SR		1154									

640-44815-02 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
[signature]	8/23/13 1600		[signature]	8/23/13 1600	TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 2.0°C 1.3°C

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

Client Information
Client Contact: Mr. John Carey
Company: URS Corporation
Address: 1625 Summit Lake Drive Suite 200
City: Tallahassee
State, Zip: FL, 32317
Phone: 850-528-1937(Tel) 850-402-6490(Fax)
Email: john_carey@urscorp.com
Project Name: PCS FFF Moultrie
Site: Moultrie GA

Sampler: E. Mann, L. Gragg, B. McK
Phone: 850 643 6461
Due Date Requested:
TAT Requested (days):
PO #: 267418.US
WO #: 12806184.00000 Vendor No. 1427536
Project #: 64005633
SSOW#:

Lab PM: Marks, Amy
E-Mail: amy.marks@testamericainc.com
Carrier Tracking No(s):
COC No: 640-40610-10955.9
Page:
Job #: 640-44815

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020 - Site Metals	6020 - Dissolved Site Metals	7470A - Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	D		
MW-36s	8/20/13	1206	G	GW	N	N	X				
MW-13-SR		1438									
MW-27s-R		1705									
MW-37s		1458									
MW-34s	8/21/13	0858									
MW-34I		0927									
MW-34I (Filtered)		0929			Y			X			
MW-TP1I		1036			N		X				
MW-TP1s		1105									
MW-49s		1247									
MW-49s (Filtered)		1249			Y			X			

640-44815-03 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

Special Instructions/QC Requirements:

Deliverable Requested: I, II, III, IV, Other (specify)

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	8/23/13 1600		[signature]	8/23/13 1600	TAT
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 2.0°C 1.3°C

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

Client Information
Client Contact: Mr. John Carey
Company: URS Corporation
Address: 1625 Summit Lake Drive Suite 200
City: Tallahassee
State, Zip: FL, 32317
Phone: 850-528-1937(Tel) 850-402-6490(Fax)
Email: john_carey@urscorp.com
Project Name: PCS FFF Moultrie
Site: Moultrie GA

Sampler: E. Mann, L. Gregg, B. Mck
Phone: 850 643 6461
Due Date Requested:
TAT Requested (days):
PO #: 267418.US
WO #: 12806184.00000 Vendor No. 1427536
Project #: 64005633
SSOW#:

Lab PM: Marks, Amy
E-Mail: amy.marks@testamericainc.com
Carrier Tracking No(s):
COC No: 640-40610-10955.9
Page:
Job #: 640-44815

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020 - Site Metals	6020 - Dissolved Site Metals	7470A - Mercury	Total Number of containers	Special Instructions/Note:
				Preservation Code:				D	D	D		
1	MW-TP4s	8/21/13	1420	G	GW	N	N	X				
1	MW-24s		1459									
1	MW-38s		0943									
1	MW-11s		1108									
1	MW-10s-R		1148									
1	MW-1s-R		1437									
1	MW-5s-R		1417									
1	MW-39s		1612									
1	MW-TP5s	8/22/13	1006									
1	MW-TP5I		0941									
1	MW-TP5I (Filtered)		0943			Y			X			

640-44815-04 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
[signature]	8/23/13 1600		[signature]	8/23/13 1600	TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 2.0°C 1.3°C

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

Client Information	Sampler: K. Mum, L. Gregg, B. Mckee	Lab PM: Marks, Amy	Carrier Tracking No(s):	COC No: 640-40610-10955.9
Client Contact: Mr. John Carey	Phone:	E-Mail: amy.marks@testamericainc.com		Page:
Company: URS Corporation				Job #: 640-44815
Address: 1625 Summit Lake Drive Suite 200	Due Date Requested:			
City: Tallahassee	TAT Requested (days):			
State, Zip: FL, 32317				
Phone: 850-528-1937(Tel) 850-402-6490(Fax)	PO #: 267418.US			
Email: john_carey@urscorp.com	WO #: 12806184.00000 Vendor No. 1427536			
Project Name: PCS FFF Moultrie	Project #: 64005633			
Site: Moultrie GA	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020 - Site Metals	6020 - Dissolved Site Metals	7470A - Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	D		
FFFW-3-R	8/22/13	1208	G	GW	N	N	X				
MW-43s		1222									
FFFW-4-R		1519									
FFFW-4-R (Filtered)		1524			Y			X			
MW-45s		1447				N	X				
EQ-1		1557		DIW							
MW-47s		1706		GW							
DUP-4											
MW-3s		1005									
DUP-3											
MW-16s-R		1123									

640-44815-05 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: 8/23/13 1600	Company	Received by:	Date/Time: 8/23/13 1600	Company TAT
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: 20.0°C, 1.3°C

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

Client Information
Client Contact: Mr. John Carey
Company: URS Corporation
Address: 1625 Summit Lake Drive Suite 200
City: Tallahassee
State, Zip: FL, 32317
Phone: 850-528-1937(Tel) 850-402-6490(Fax)
Email: john_carey@urscorp.com
Project Name: PCS FFF Moultrie
Site:

Sampler: E. Mann, L. Gregg, B. McKee
Phone:
Due Date Requested:
TAT Requested (days):
PO #: 267418.US
WO #: 12806184.00000 Vendor No. 1427536
Project #: 64005633
SSOW#:

Lab PM: Marks, Amy
E-Mail: amy.marks@testamericainc.com
Carrier Tracking No(s):
COC No: 640-40610-10955.9
Page:
Job #: 640-44815

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020 - Site Metals	6020 - Dissolved Site Metals	7470A - Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	D	D	D	X	
MW-8I	8/22/13	1312	G	GW	N	N	X				
MW-30S		1614									
Dup-1											
FFFW-2I	8/23/13	0811									
FFFW-2R		0848									
MW-23S		1101									
MW-2I		1200									
MW-1I-R		1106									
MW-10I		1012									
MW-6I		1246									
EQ-2		1200									

Preservation Codes:
A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
J - DI Water
K - EDTA
L - EDA
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2SO3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - ph 4-5
Z - other (specify)
Other:

640-44815-06 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
[signature]	8/23/13 1600		[signature]	8/23/13 1600	TAT
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 2.0°C 1.3°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: 640-44876-1
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:
9/11/2013 8:05:57 AM

Amy Marks, Project Manager II
amy.marks@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
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: 640-44876-1

Laboratory: TestAmerica Tallahassee

Narrative

Job Narrative
640-44876-1

Comments
No additional comments.

Receipt
The samples were received on 8/29/2013 at 2:53 PM. The samples arrived in good condition, properly preserved, and on ice. The temperature of the cooler at receipt was 2.9º C.

Except:

The following samples were received at the laboratory without a sample collection time documented on the chain of custody (COC). Samples logged with the time listed on containers: FFFW-1-R (640-44876-4), MW-19S (640-44876-8).

Sample FFFW-1-R collected on 8/29/2013 was listed on the COC as "FFW-1S-R". The sample ID was revised in the attached report upon the request of Deborah Hilton on 8/30/2013.

Metals
Method 6020A: The matrix spike (MS) and matrix spike duplicate (MSD) associated with batch 291998 contained Barium greater than 4 times the matrix spike concentration; therefore, control limits are not applicable. The results have been reported and qualified.

No other analytical or quality issues were noted.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44876-1

Client Sample ID: MW-18S — Lab Sample ID: 640-44876-1

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
Barium	0.16		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.00082		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Cadmium	0.00013	J	0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Nickel	0.0066		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	0.061		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-4S — Lab Sample ID: 640-44876-2

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
Cadmium	0.0011		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Copper	0.0055		0.0050	0.0011	mg/L	1		6020A	Total Recoverable
Nickel	0.025		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	0.81		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-20S — Lab Sample ID: 640-44876-3

No Detections.

Client Sample ID: FFFW-1-R — Lab Sample ID: 640-44876-4

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

Client Sample ID: EQ-3 — Lab Sample ID: 640-44876-5

No Detections.

Client Sample ID: MW-42S — Lab Sample ID: 640-44876-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.036		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Barium	0.0044	J	0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.00034	J	0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Cadmium	0.0032		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Nickel	0.057		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: 640-44876-1

Client Sample ID: MW-42S (Continued) — Lab Sample ID: 640-44876-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	2.3		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-42S (Filtered) — Lab Sample ID: 640-44876-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic, Dissolved	0.034		0.0025	0.0013	mg/L	1		6020A	Dissolved
Barium, Dissolved	0.0046	J	0.0050	0.0013	mg/L	1		6020A	Dissolved
Beryllium, Dissolved	0.00027	J	0.00050	0.00025	mg/L	1		6020A	Dissolved
Cadmium, Dissolved	0.0032		0.00050	0.000095	mg/L	1		6020A	Dissolved
Nickel, Dissolved	0.054		0.0050	0.0020	mg/L	1		6020A	Dissolved
Zinc, Dissolved	2.1		0.020	0.0083	mg/L	1		6020A	Dissolved

Client Sample ID: MW-19S — Lab Sample ID: 640-44876-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.014		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Cadmium	0.011		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Lead	0.00087	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.070		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	4.9		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-3I — Lab Sample ID: 640-44876-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.062		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.00040	J	0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Lead	0.0013	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-31S — Lab Sample ID: 640-44876-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.076		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.00077		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Lead	0.0028		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0037	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-35S — Lab Sample ID: 640-44876-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	2.5		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: 640-44876-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.022		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.012		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Mercury	0.00033		0.00020	0.000091	mg/L	1		7470A	Total/NA

Client Sample ID: MW-28S — Lab Sample ID: 640-44876-12

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
Barium	0.54		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0030		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Lead	0.0017		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.017		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-7I — Lab Sample ID: 640-44876-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0061		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Barium	2.3		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0049		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Lead	0.057		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-15S — Lab Sample ID: 640-44876-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.037		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0049		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Lead	0.031		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.049		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-29S — Lab Sample ID: 640-44876-15

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
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: 640-44876-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	0.0085		0.0050	0.0011	mg/L	1		6020A	Total Recoverable
Lead	0.046		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0072		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Mercury	0.0011		0.00020	0.000091	mg/L	1		7470A	Total/NA

Client Sample ID: MW-48S — Lab Sample ID: 640-44876-16

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
Barium	3.9		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0082		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Cadmium	0.00065		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Copper	0.018		0.0050	0.0011	mg/L	1		6020A	Total Recoverable
Lead	0.034		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.024		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Selenium	0.0029		0.0025	0.0010	mg/L	1		6020A	Total Recoverable
Thallium	0.00076	J	0.0010	0.00050	mg/L	1		6020A	Total Recoverable
Zinc	0.088		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: DUP-2 — Lab Sample ID: 640-44876-17

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	1.2		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0028		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Copper	0.0087		0.0050	0.0011	mg/L	1		6020A	Total Recoverable
Lead	0.046		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0080		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Mercury	0.00099		0.00020	0.000091	mg/L	1		7470A	Total/NA

Client Sample ID: MW-21S — Lab Sample ID: 640-44876-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0041		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.00060		0.00050	0.00025	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: 640-44876-1

Client Sample ID: MW-21S (Continued) — Lab Sample ID: 640-44876-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.0011		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Lead	0.00022	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.035		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-41S — Lab Sample ID: 640-44876-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0080		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0046		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Cadmium	0.0024		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Lead	0.037		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.031		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Thallium	0.0013		0.0010	0.00050	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-TP3S — Lab Sample ID: 640-44876-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.0013	J	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-25S — Lab Sample ID: 640-44876-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.00074	J	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-33S — Lab Sample ID: 640-44876-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.0021		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Zinc	0.051		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-TP2S — Lab Sample ID: 640-44876-23

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
Lead	0.0034		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: 640-44876-1

Client Sample ID: MW-TP2S (Continued) — Lab Sample ID: 640-44876-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	0.0056		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-TP2S (Filtered) — Lab Sample ID: 640-44876-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic, Dissolved	0.0043		0.0025	0.0013	mg/L	1		6020A	Dissolved
Lead, Dissolved	0.0030		0.0015	0.00020	mg/L	1		6020A	Dissolved
Nickel, Dissolved	0.0053		0.0050	0.0020	mg/L	1		6020A	Dissolved

Client Sample ID: MW-26S — Lab Sample ID: 640-44876-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.0012	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-46S — Lab Sample ID: 640-44876-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.00025	J	0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Lead	0.0043		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0053		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	0.035		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-22S — Lab Sample ID: 640-44876-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	0.0038	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-44S — Lab Sample ID: 640-44876-28

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
Nickel	0.0023	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44876-1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Client Sample ID: MW-18S — **Lab Sample ID: 640-44876-1**
Date Collected: 08/28/13 16:17 — **Matrix: Water**
Date Received: 08/29/13 14:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0016**	**J**	0.0025	0.0013	mg/L		09/03/13 17:42	09/04/13 19:08	1
Barium	**0.16**		0.0050	0.0013	mg/L		09/03/13 17:42	09/04/13 19:08	1
Beryllium	**0.00082**		0.00050	0.00025	mg/L		09/03/13 17:42	09/04/13 19:08	1
Cadmium	**0.00013**	**J**	0.00050	0.000095	mg/L		09/03/13 17:42	09/04/13 19:08	1
Copper	0.0011	U	0.0050	0.0011	mg/L		09/03/13 17:42	09/06/13 17:10	1
Lead	0.00020	U	0.0015	0.00020	mg/L		09/03/13 17:42	09/04/13 19:08	1
Nickel	**0.0066**		0.0050	0.0020	mg/L		09/03/13 17:42	09/04/13 19:08	1
Thallium	0.00050	U	0.0010	0.00050	mg/L		09/03/13 17:42	09/04/13 19:08	1
Zinc	**0.061**		0.020	0.0083	mg/L		09/03/13 17:42	09/04/13 19:08	1

Client Sample ID: MW-4S — **Lab Sample ID: 640-44876-2**
Date Collected: 08/28/13 14:08 — **Matrix: Water**
Date Received: 08/29/13 14:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.012**		0.0025	0.0013	mg/L		09/03/13 17:42	09/04/13 19:25	1
Beryllium	0.00025	U	0.00050	0.00025	mg/L		09/03/13 17:42	09/04/13 19:25	1
Cadmium	**0.0011**		0.00050	0.000095	mg/L		09/03/13 17:42	09/04/13 19:25	1
Copper	**0.0055**		0.0050	0.0011	mg/L		09/03/13 17:42	09/06/13 17:30	1
Lead	0.00020	U	0.0015	0.00020	mg/L		09/03/13 17:42	09/04/13 19:25	1
Nickel	**0.025**		0.0050	0.0020	mg/L		09/03/13 17:42	09/04/13 19:25	1
Zinc	**0.81**		0.020	0.0083	mg/L		09/03/13 17:42	09/04/13 19:25	1

Client Sample ID: MW-20S — **Lab Sample ID: 640-44876-3**
Date Collected: 08/28/13 16:33 — **Matrix: Water**
Date Received: 08/29/13 14:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		09/03/13 17:42	09/04/13 19:31	1
Lead	0.00020	U	0.0015	0.00020	mg/L		09/03/13 17:42	09/04/13 19:31	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		09/03/13 17:42	09/04/13 19:31	1

Client Sample ID: FFFW-1-R — **Lab Sample ID: 640-44876-4**
Date Collected: 08/29/13 10:09 — **Matrix: Water**
Date Received: 08/29/13 14:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0019**	**J**	0.0025	0.0013	mg/L		09/03/13 17:42	09/04/13 19:37	1
Lead	0.00020	U	0.0015	0.00020	mg/L		09/03/13 17:42	09/04/13 19:37	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		09/03/13 17:42	09/04/13 19:37	1

Client Sample ID: EQ-3 — **Lab Sample ID: 640-44876-5**
Date Collected: 08/29/13 08:20 — **Matrix: Water**
Date Received: 08/29/13 14:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		09/03/13 17:42	09/04/13 19:42	1
Barium	0.0013	U	0.0050	0.0013	mg/L		09/03/13 17:42	09/04/13 19:42	1
Beryllium	0.00025	U	0.00050	0.00025	mg/L		09/03/13 17:42	09/04/13 19:42	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		09/03/13 17:42	09/04/13 19:42	1
Copper	0.0011	U	0.0050	0.0011	mg/L		09/03/13 17:42	09/06/13 17:50	1
Lead	0.00020	U	0.0015	0.00020	mg/L		09/03/13 17:42	09/04/13 19:42	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		09/03/13 17:42	09/04/13 19:42	1
Selenium	0.0010	U	0.0025	0.0010	mg/L		09/03/13 17:42	09/04/13 19:42	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable (Continued)

Client Sample ID: EQ-3 — **Lab Sample ID: 640-44876-5**
Date Collected: 08/29/13 08:20 — **Matrix: Water**
Date Received: 08/29/13 14:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.00050	U	0.0010	0.00050	mg/L		09/03/13 17:42	09/04/13 19:42	1
Zinc	0.0083	U	0.020	0.0083	mg/L		09/03/13 17:42	09/04/13 19:42	1

Client Sample ID: MW-42S — **Lab Sample ID: 640-44876-6**
Date Collected: 08/29/13 10:03 — **Matrix: Water**
Date Received: 08/29/13 14:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.036**		0.0025	0.0013	mg/L		09/03/13 17:42	09/04/13 19:48	1
Barium	**0.0044**	**J**	0.0050	0.0013	mg/L		09/03/13 17:42	09/04/13 19:48	1
Beryllium	**0.00034**	**J**	0.00050	0.00025	mg/L		09/03/13 17:42	09/04/13 19:48	1
Cadmium	**0.0032**		0.00050	0.000095	mg/L		09/03/13 17:42	09/04/13 19:48	1
Lead	0.00020	U	0.0015	0.00020	mg/L		09/03/13 17:42	09/04/13 19:48	1
Nickel	**0.057**		0.0050	0.0020	mg/L		09/03/13 17:42	09/04/13 19:48	1
Zinc	**2.3**		0.020	0.0083	mg/L		09/03/13 17:42	09/04/13 19:48	1

Client Sample ID: MW-19S — **Lab Sample ID: 640-44876-8**
Date Collected: 08/29/13 12:24 — **Matrix: Water**
Date Received: 08/29/13 14:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.014**		0.0025	0.0013	mg/L		09/03/13 17:42	09/04/13 20:00	1
Cadmium	**0.011**		0.00050	0.000095	mg/L		09/03/13 17:42	09/04/13 20:00	1
Lead	**0.00087**	**J**	0.0015	0.00020	mg/L		09/03/13 17:42	09/04/13 20:00	1
Nickel	**0.070**		0.0050	0.0020	mg/L		09/03/13 17:42	09/04/13 20:00	1
Zinc	**4.9**		0.020	0.0083	mg/L		09/03/13 17:42	09/04/13 20:00	1

Client Sample ID: MW-3I — **Lab Sample ID: 640-44876-9**
Date Collected: 08/28/13 11:50 — **Matrix: Water**
Date Received: 08/29/13 14:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		09/03/13 17:42	09/04/13 20:05	1
Barium	**0.062**		0.0050	0.0013	mg/L		09/03/13 17:42	09/04/13 20:05	1
Beryllium	**0.00040**	**J**	0.00050	0.00025	mg/L		09/03/13 17:42	09/04/13 20:05	1
Lead	**0.0013**	**J**	0.0015	0.00020	mg/L		09/03/13 17:42	09/04/13 20:05	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		09/03/13 17:42	09/04/13 20:05	1

Client Sample ID: MW-31S — **Lab Sample ID: 640-44876-10**
Date Collected: 08/28/13 12:45 — **Matrix: Water**
Date Received: 08/29/13 14:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		09/03/13 17:42	09/04/13 20:11	1
Barium	**0.076**		0.0050	0.0013	mg/L		09/03/13 17:42	09/04/13 20:11	1
Beryllium	**0.00077**		0.00050	0.00025	mg/L		09/03/13 17:42	09/04/13 20:11	1
Lead	**0.0028**		0.0015	0.00020	mg/L		09/03/13 17:42	09/04/13 20:11	1
Nickel	**0.0037**	**J**	0.0050	0.0020	mg/L		09/03/13 17:42	09/04/13 20:11	1

Client Sample ID: MW-35S — **Lab Sample ID: 640-44876-11**
Date Collected: 08/27/13 14:15 — **Matrix: Water**
Date Received: 08/29/13 14:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		09/03/13 17:42	09/04/13 20:17	1
Barium	**2.5**		0.0050	0.0013	mg/L		09/03/13 17:42	09/04/13 20:17	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable (Continued)

Client Sample ID: MW-35S — **Lab Sample ID: 640-44876-11**
Date Collected: 08/27/13 14:15 — **Matrix: Water**
Date Received: 08/29/13 14:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.022		0.0015	0.00020	mg/L		09/03/13 17:42	09/04/13 20:17	1
Nickel	0.012		0.0050	0.0020	mg/L		09/03/13 17:42	09/04/13 20:17	1

Client Sample ID: MW-28S — **Lab Sample ID: 640-44876-12**
Date Collected: 08/27/13 16:29 — **Matrix: Water**
Date Received: 08/29/13 14:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0016	J	0.0025	0.0013	mg/L		09/03/13 17:42	09/04/13 20:34	1
Barium	0.54		0.0050	0.0013	mg/L		09/03/13 17:42	09/04/13 20:34	1
Beryllium	0.0030		0.00050	0.00025	mg/L		09/03/13 17:42	09/04/13 20:34	1
Lead	0.0017		0.0015	0.00020	mg/L		09/03/13 17:42	09/05/13 10:53	1
Nickel	0.017		0.0050	0.0020	mg/L		09/03/13 17:42	09/04/13 20:34	1

Client Sample ID: MW-7I — **Lab Sample ID: 640-44876-13**
Date Collected: 08/27/13 10:56 — **Matrix: Water**
Date Received: 08/29/13 14:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0061		0.0025	0.0013	mg/L		09/03/13 17:42	09/04/13 20:40	1
Barium	2.3		0.0050	0.0013	mg/L		09/03/13 17:42	09/04/13 20:40	1
Beryllium	0.0049		0.00050	0.00025	mg/L		09/03/13 17:42	09/04/13 20:40	1
Lead	0.057		0.0015	0.00020	mg/L		09/03/13 17:42	09/05/13 10:59	1
Nickel	0.014		0.0050	0.0020	mg/L		09/03/13 17:42	09/04/13 20:40	1

Client Sample ID: MW-15S — **Lab Sample ID: 640-44876-14**
Date Collected: 08/27/13 10:00 — **Matrix: Water**
Date Received: 08/29/13 14:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.037		0.0025	0.0013	mg/L		09/03/13 17:42	09/04/13 20:46	1
Beryllium	0.0049		0.00050	0.00025	mg/L		09/03/13 17:42	09/04/13 20:46	1
Lead	0.031		0.0015	0.00020	mg/L		09/03/13 17:42	09/05/13 11:05	1
Nickel	0.049		0.0050	0.0020	mg/L		09/03/13 17:42	09/04/13 20:46	1

Client Sample ID: MW-29S — **Lab Sample ID: 640-44876-15**
Date Collected: 08/28/13 15:36 — **Matrix: Water**
Date Received: 08/29/13 14:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0019	J	0.0025	0.0013	mg/L		09/03/13 17:47	09/04/13 15:52	1
Barium	1.1		0.0050	0.0013	mg/L		09/03/13 17:47	09/04/13 15:52	1
Beryllium	0.0026		0.00050	0.00025	mg/L		09/03/13 17:47	09/04/13 15:52	1
Copper	0.0085		0.0050	0.0011	mg/L		09/03/13 17:47	09/06/13 13:23	1
Lead	0.046		0.0015	0.00020	mg/L		09/03/13 17:47	09/04/13 15:52	1
Nickel	0.0072		0.0050	0.0020	mg/L		09/03/13 17:47	09/04/13 15:52	1

Client Sample ID: MW-48S — **Lab Sample ID: 640-44876-16**
Date Collected: 08/29/13 10:55 — **Matrix: Water**
Date Received: 08/29/13 14:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0015	J	0.0025	0.0013	mg/L		09/03/13 17:47	09/04/13 15:58	1
Barium	3.9		0.0050	0.0013	mg/L		09/03/13 17:47	09/04/13 15:58	1
Beryllium	0.0082		0.00050	0.00025	mg/L		09/03/13 17:47	09/04/13 15:58	1
Cadmium	0.00065		0.00050	0.000095	mg/L		09/03/13 17:47	09/04/13 15:58	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable (Continued)

Client Sample ID: MW-48S — **Lab Sample ID: 640-44876-16**
Date Collected: 08/29/13 10:55 — **Matrix: Water**
Date Received: 08/29/13 14:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	0.018		0.0050	0.0011	mg/L		09/03/13 17:47	09/06/13 13:29	1
Lead	0.034		0.0015	0.00020	mg/L		09/03/13 17:47	09/04/13 15:58	1
Nickel	0.024		0.0050	0.0020	mg/L		09/03/13 17:47	09/04/13 15:58	1
Selenium	0.0029		0.0025	0.0010	mg/L		09/03/13 17:47	09/04/13 15:58	1
Thallium	0.00076	J	0.0010	0.00050	mg/L		09/03/13 17:47	09/04/13 15:58	1
Zinc	0.088		0.020	0.0083	mg/L		09/03/13 17:47	09/04/13 15:58	1

Client Sample ID: DUP-2 — **Lab Sample ID: 640-44876-17**
Date Collected: 08/28/13 00:00 — **Matrix: Water**
Date Received: 08/29/13 14:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0021	J	0.0025	0.0013	mg/L		09/03/13 17:47	09/04/13 16:26	1
Barium	1.2		0.0050	0.0013	mg/L		09/03/13 17:47	09/04/13 16:26	1
Beryllium	0.0028		0.00050	0.00025	mg/L		09/03/13 17:47	09/04/13 16:26	1
Copper	0.0087		0.0050	0.0011	mg/L		09/03/13 17:47	09/06/13 14:03	1
Lead	0.046		0.0015	0.00020	mg/L		09/03/13 17:47	09/04/13 16:26	1
Nickel	0.0080		0.0050	0.0020	mg/L		09/03/13 17:47	09/04/13 16:26	1

Client Sample ID: MW-21S — **Lab Sample ID: 640-44876-18**
Date Collected: 08/27/13 09:28 — **Matrix: Water**
Date Received: 08/29/13 14:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0041		0.0025	0.0013	mg/L		09/03/13 17:47	09/04/13 16:32	1
Beryllium	0.00060		0.00050	0.00025	mg/L		09/03/13 17:47	09/04/13 16:32	1
Cadmium	0.0011		0.00050	0.000095	mg/L		09/03/13 17:47	09/04/13 16:32	1
Lead	0.00022	J	0.0015	0.00020	mg/L		09/03/13 17:47	09/04/13 16:32	1
Nickel	0.035		0.0050	0.0020	mg/L		09/03/13 17:47	09/04/13 16:32	1

Client Sample ID: MW-41S — **Lab Sample ID: 640-44876-19**
Date Collected: 08/27/13 09:21 — **Matrix: Water**
Date Received: 08/29/13 14:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0080		0.0025	0.0013	mg/L		09/03/13 17:47	09/04/13 16:50	1
Beryllium	0.0046		0.00050	0.00025	mg/L		09/03/13 17:47	09/04/13 16:50	1
Cadmium	0.0024		0.00050	0.000095	mg/L		09/03/13 17:47	09/04/13 16:50	1
Lead	0.037		0.0015	0.00020	mg/L		09/03/13 17:47	09/04/13 16:50	1
Nickel	0.031		0.0050	0.0020	mg/L		09/03/13 17:47	09/04/13 16:50	1
Thallium	0.0013		0.0010	0.00050	mg/L		09/03/13 17:47	09/04/13 16:50	1

Client Sample ID: MW-TP3S — **Lab Sample ID: 640-44876-20**
Date Collected: 08/27/13 11:24 — **Matrix: Water**
Date Received: 08/29/13 14:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		09/03/13 17:47	09/04/13 16:55	1
Lead	0.0013	J	0.0015	0.00020	mg/L		09/03/13 17:47	09/04/13 16:55	1
Nickel	0.0041	J	0.0050	0.0020	mg/L		09/03/13 17:47	09/04/13 16:55	1

Client Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44876-1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Client Sample ID: MW-25S — **Lab Sample ID: 640-44876-21**
Date Collected: 08/27/13 12:18 — **Matrix: Water**
Date Received: 08/29/13 14:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		09/03/13 17:47	09/04/13 17:01	1
Lead	**0.00074**	**J**	0.0015	0.00020	mg/L		09/03/13 17:47	09/04/13 17:01	1
Nickel	**0.0041**	**J**	0.0050	0.0020	mg/L		09/03/13 17:47	09/04/13 17:01	1

Client Sample ID: MW-33S — **Lab Sample ID: 640-44876-22**
Date Collected: 08/27/13 14:38 — **Matrix: Water**
Date Received: 08/29/13 14:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		09/03/13 17:47	09/04/13 17:07	1
Lead	**0.0021**		0.0015	0.00020	mg/L		09/03/13 17:47	09/04/13 17:07	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		09/03/13 17:47	09/04/13 17:07	1
Zinc	**0.051**		0.020	0.0083	mg/L		09/03/13 17:47	09/04/13 17:07	1

Client Sample ID: MW-TP2S — **Lab Sample ID: 640-44876-23**
Date Collected: 08/27/13 15:09 — **Matrix: Water**
Date Received: 08/29/13 14:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0043**		0.0025	0.0013	mg/L		09/03/13 17:47	09/04/13 17:13	1
Lead	**0.0034**		0.0015	0.00020	mg/L		09/03/13 17:47	09/04/13 17:13	1
Nickel	**0.0056**		0.0050	0.0020	mg/L		09/03/13 17:47	09/04/13 17:13	1

Client Sample ID: MW-26S — **Lab Sample ID: 640-44876-25**
Date Collected: 08/28/13 09:08 — **Matrix: Water**
Date Received: 08/29/13 14:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		09/03/13 17:47	09/04/13 17:24	1
Lead	**0.0012**	**J**	0.0015	0.00020	mg/L		09/03/13 17:47	09/04/13 17:24	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		09/03/13 17:47	09/04/13 17:24	1

Client Sample ID: MW-46S — **Lab Sample ID: 640-44876-26**
Date Collected: 08/28/13 09:41 — **Matrix: Water**
Date Received: 08/29/13 14:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		09/03/13 17:47	09/04/13 17:30	1
Cadmium	**0.00025**	**J**	0.00050	0.000095	mg/L		09/03/13 17:47	09/04/13 17:30	1
Lead	**0.0043**		0.0015	0.00020	mg/L		09/03/13 17:47	09/04/13 17:30	1
Nickel	**0.0053**		0.0050	0.0020	mg/L		09/03/13 17:47	09/04/13 17:30	1
Zinc	**0.035**		0.020	0.0083	mg/L		09/03/13 17:47	09/04/13 17:30	1

Client Sample ID: MW-22S — **Lab Sample ID: 640-44876-27**
Date Collected: 08/28/13 13:33 — **Matrix: Water**
Date Received: 08/29/13 14:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		09/03/13 17:47	09/04/13 17:36	1
Lead	0.00020	U	0.0015	0.00020	mg/L		09/03/13 17:47	09/04/13 17:36	1
Nickel	**0.0038**	**J**	0.0050	0.0020	mg/L		09/03/13 17:47	09/04/13 17:36	1

Client Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44876-1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Client Sample ID: MW-44S
Date Collected: 08/28/13 14:24
Date Received: 08/29/13 14:53

Lab Sample ID: 640-44876-28
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0026**		0.0025	0.0013	mg/L		09/03/13 17:47	09/04/13 17:41	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		09/03/13 17:47	09/04/13 17:41	1
Lead	0.00020	U	0.0015	0.00020	mg/L		09/03/13 17:47	09/04/13 17:41	1
Nickel	**0.0023**	**J**	0.0050	0.0020	mg/L		09/03/13 17:47	09/04/13 17:41	1

Client Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44876-1

Method: 6020A - Metals (ICP/MS) - Dissolved

Client Sample ID: MW-42S (Filtered)
Date Collected: 08/29/13 10:06
Date Received: 08/29/13 14:53

Lab Sample ID: 640-44876-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.034		0.0025	0.0013	mg/L		09/03/13 17:42	09/04/13 19:54	1
Barium, Dissolved	0.0046	J	0.0050	0.0013	mg/L		09/03/13 17:42	09/04/13 19:54	1
Beryllium, Dissolved	0.00027	J	0.00050	0.00025	mg/L		09/03/13 17:42	09/04/13 19:54	1
Cadmium, Dissolved	0.0032		0.00050	0.000095	mg/L		09/03/13 17:42	09/04/13 19:54	1
Lead, Dissolved	0.00020	U	0.0015	0.00020	mg/L		09/03/13 17:42	09/04/13 19:54	1
Nickel, Dissolved	0.054		0.0050	0.0020	mg/L		09/03/13 17:42	09/04/13 19:54	1
Zinc, Dissolved	2.1		0.020	0.0083	mg/L		09/03/13 17:42	09/04/13 19:54	1

Client Sample ID: MW-TP2S (Filtered)
Date Collected: 08/27/13 15:12
Date Received: 08/29/13 14:53

Lab Sample ID: 640-44876-24
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0043		0.0025	0.0013	mg/L		09/03/13 17:47	09/04/13 17:18	1
Lead, Dissolved	0.0030		0.0015	0.00020	mg/L		09/03/13 17:47	09/04/13 17:18	1
Nickel, Dissolved	0.0053		0.0050	0.0020	mg/L		09/03/13 17:47	09/04/13 17:18	1

Client Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44876-1

Method: 7470A - Mercury (CVAA)

Client Sample ID: MW-35S — **Lab Sample ID: 640-44876-11**
Date Collected: 08/27/13 14:15 — **Matrix: Water**
Date Received: 08/29/13 14:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00033		0.00020	0.000091	mg/L		08/30/13 15:59	09/04/13 12:36	1

Client Sample ID: MW-29S — **Lab Sample ID: 640-44876-15**
Date Collected: 08/28/13 15:36 — **Matrix: Water**
Date Received: 08/29/13 14:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0011		0.00020	0.000091	mg/L		08/30/13 15:59	09/04/13 12:29	1

Client Sample ID: DUP-2 — **Lab Sample ID: 640-44876-17**
Date Collected: 08/28/13 00:00 — **Matrix: Water**
Date Received: 08/29/13 14:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00099		0.00020	0.000091	mg/L		09/03/13 14:22	09/04/13 18:50	1

QC Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44876-1

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 680-291996/1-A
Matrix: Water
Analysis Batch: 292426

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 291996

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		09/03/13 17:42	09/04/13 18:16	1
Arsenic, Dissolved	0.0013	U	0.0025	0.0013	mg/L		09/03/13 17:42	09/04/13 18:16	1
Barium	0.0013	U	0.0050	0.0013	mg/L		09/03/13 17:42	09/04/13 18:16	1
Barium, Dissolved	0.0013	U	0.0050	0.0013	mg/L		09/03/13 17:42	09/04/13 18:16	1
Beryllium	0.00025	U	0.00050	0.00025	mg/L		09/03/13 17:42	09/04/13 18:16	1
Beryllium, Dissolved	0.00025	U	0.00050	0.00025	mg/L		09/03/13 17:42	09/04/13 18:16	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		09/03/13 17:42	09/04/13 18:16	1
Cadmium, Dissolved	0.000095	U	0.00050	0.000095	mg/L		09/03/13 17:42	09/04/13 18:16	1
Lead	0.00020	U	0.0015	0.00020	mg/L		09/03/13 17:42	09/04/13 18:16	1
Lead, Dissolved	0.00020	U	0.0015	0.00020	mg/L		09/03/13 17:42	09/04/13 18:16	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		09/03/13 17:42	09/04/13 18:16	1
Nickel, Dissolved	0.0020	U	0.0050	0.0020	mg/L		09/03/13 17:42	09/04/13 18:16	1
Selenium	0.0010	U	0.0025	0.0010	mg/L		09/03/13 17:42	09/04/13 18:16	1
Selenium, Dissolved	0.0010	U	0.0025	0.0010	mg/L		09/03/13 17:42	09/04/13 18:16	1
Thallium	0.00050	U	0.0010	0.00050	mg/L		09/03/13 17:42	09/04/13 18:16	1
Thallium, Dissolved	0.00050	U	0.0010	0.00050	mg/L		09/03/13 17:42	09/04/13 18:16	1
Zinc	0.0083	U	0.020	0.0083	mg/L		09/03/13 17:42	09/04/13 18:16	1
Zinc, Dissolved	0.0083	U	0.020	0.0083	mg/L		09/03/13 17:42	09/04/13 18:16	1

Lab Sample ID: MB 680-291996/1-A
Matrix: Water
Analysis Batch: 292816

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 291996

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	0.0011	U	0.0050	0.0011	mg/L		09/03/13 17:42	09/06/13 16:10	1
Copper, Dissolved	0.0011	U	0.0050	0.0011	mg/L		09/03/13 17:42	09/06/13 16:10	1

Lab Sample ID: LCS 680-291996/2-A
Matrix: Water
Analysis Batch: 292426

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 291996

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.100	0.113		mg/L		113	75 - 125
Arsenic, Dissolved	0.100	0.113		mg/L		113	75 - 125
Barium	0.100	0.111		mg/L		111	75 - 125
Barium, Dissolved	0.100	0.111		mg/L		111	75 - 125
Beryllium	0.0500	0.0555		mg/L		111	75 - 125
Beryllium, Dissolved	0.0500	0.0555		mg/L		111	75 - 125
Cadmium	0.0500	0.0578		mg/L		116	75 - 125
Cadmium, Dissolved	0.0500	0.0578		mg/L		116	75 - 125
Lead	0.0500	0.0598		mg/L		120	75 - 125
Lead, Dissolved	0.0500	0.0598		mg/L		120	75 - 125
Nickel	0.100	0.113		mg/L		113	75 - 125
Nickel, Dissolved	0.100	0.113		mg/L		113	75 - 125
Selenium	0.100	0.108		mg/L		108	75 - 125
Selenium, Dissolved	0.100	0.108		mg/L		108	75 - 125
Thallium	0.0400	0.0465		mg/L		116	75 - 125
Thallium, Dissolved	0.0400	0.0465		mg/L		116	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-291996/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 292426 — **Prep Batch: 291996**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	0.100	0.115		mg/L		115	75 - 125
Zinc, Dissolved	0.100	0.115		mg/L		115	75 - 125

Lab Sample ID: LCS 680-291996/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 292816 — **Prep Batch: 291996**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Copper	0.100	0.0940		mg/L		94	75 - 125
Copper, Dissolved	0.100	0.0940		mg/L		94	75 - 125

Lab Sample ID: MB 680-291998/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 292426 — **Prep Batch: 291998**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		09/03/13 17:47	09/04/13 15:40	1
Arsenic, Dissolved	0.0013	U	0.0025	0.0013	mg/L		09/03/13 17:47	09/04/13 15:40	1
Barium	0.0013	U	0.0050	0.0013	mg/L		09/03/13 17:47	09/04/13 15:40	1
Barium, Dissolved	0.0013	U	0.0050	0.0013	mg/L		09/03/13 17:47	09/04/13 15:40	1
Beryllium	0.00025	U	0.00050	0.00025	mg/L		09/03/13 17:47	09/04/13 15:40	1
Beryllium, Dissolved	0.00025	U	0.00050	0.00025	mg/L		09/03/13 17:47	09/04/13 15:40	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		09/03/13 17:47	09/04/13 15:40	1
Cadmium, Dissolved	0.000095	U	0.00050	0.000095	mg/L		09/03/13 17:47	09/04/13 15:40	1
Lead	0.00020	U	0.0015	0.00020	mg/L		09/03/13 17:47	09/04/13 15:40	1
Lead, Dissolved	0.00020	U	0.0015	0.00020	mg/L		09/03/13 17:47	09/04/13 15:40	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		09/03/13 17:47	09/04/13 15:40	1
Nickel, Dissolved	0.0020	U	0.0050	0.0020	mg/L		09/03/13 17:47	09/04/13 15:40	1
Selenium	0.0010	U	0.0025	0.0010	mg/L		09/03/13 17:47	09/04/13 15:40	1
Selenium, Dissolved	0.0010	U	0.0025	0.0010	mg/L		09/03/13 17:47	09/04/13 15:40	1
Thallium	0.00050	U	0.0010	0.00050	mg/L		09/03/13 17:47	09/04/13 15:40	1
Thallium, Dissolved	0.00050	U	0.0010	0.00050	mg/L		09/03/13 17:47	09/04/13 15:40	1
Zinc	0.0083	U	0.020	0.0083	mg/L		09/03/13 17:47	09/04/13 15:40	1
Zinc, Dissolved	0.0083	U	0.020	0.0083	mg/L		09/03/13 17:47	09/04/13 15:40	1

Lab Sample ID: MB 680-291998/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 292816 — **Prep Batch: 291998**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	0.0011	U	0.0050	0.0011	mg/L		09/03/13 17:47	09/06/13 13:09	1
Copper, Dissolved	0.0011	U	0.0050	0.0011	mg/L		09/03/13 17:47	09/06/13 13:09	1

Lab Sample ID: LCS 680-291998/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 292426 — **Prep Batch: 291998**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.100	0.114		mg/L		114	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-291998/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 292426 — **Prep Batch: 291998**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic, Dissolved	0.100	0.114		mg/L		114	75 - 125
Barium	0.100	0.112		mg/L		112	75 - 125
Barium, Dissolved	0.100	0.112		mg/L		112	75 - 125
Beryllium	0.0500	0.0554		mg/L		111	75 - 125
Beryllium, Dissolved	0.0500	0.0554		mg/L		111	75 - 125
Cadmium	0.0500	0.0585		mg/L		117	75 - 125
Cadmium, Dissolved	0.0500	0.0585		mg/L		117	75 - 125
Lead	0.0500	0.0610		mg/L		122	75 - 125
Lead, Dissolved	0.0500	0.0610		mg/L		122	75 - 125
Nickel	0.100	0.113		mg/L		113	75 - 125
Nickel, Dissolved	0.100	0.113		mg/L		113	75 - 125
Selenium	0.100	0.110		mg/L		110	75 - 125
Selenium, Dissolved	0.100	0.110		mg/L		110	75 - 125
Thallium	0.0400	0.0471		mg/L		118	75 - 125
Thallium, Dissolved	0.0400	0.0471		mg/L		118	75 - 125
Zinc	0.100	0.114		mg/L		114	75 - 125
Zinc, Dissolved	0.100	0.114		mg/L		114	75 - 125

Lab Sample ID: LCS 680-291998/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 292816 — **Prep Batch: 291998**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Copper	0.100	0.0960		mg/L		96	75 - 125
Copper, Dissolved	0.100	0.0960		mg/L		96	75 - 125

Lab Sample ID: 640-44876-16 MS — **Client Sample ID: MW-48S**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 292426 — **Prep Batch: 291998**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0015	J	0.100	0.117		mg/L		116	75 - 125
Arsenic, Dissolved	0.0015		0.100	0.117		mg/L		116	75 - 125
Barium	3.9		0.100	4.03	4	mg/L		114	75 - 125
Barium, Dissolved	3.9		0.100	4.03	4	mg/L		114	75 - 125
Beryllium	0.0082		0.0500	0.0664		mg/L		116	75 - 125
Beryllium, Dissolved	0.0082		0.0500	0.0664		mg/L		116	75 - 125
Cadmium	0.00065		0.0500	0.0610		mg/L		121	75 - 125
Cadmium, Dissolved	0.00065		0.0500	0.0610		mg/L		121	75 - 125
Lead	0.034		0.0500	0.0963		mg/L		124	75 - 125
Lead, Dissolved	0.034		0.0500	0.0963		mg/L		124	75 - 125
Nickel	0.024		0.100	0.139		mg/L		115	75 - 125
Nickel, Dissolved	0.024		0.100	0.139		mg/L		115	75 - 125
Selenium	0.0029		0.100	0.117		mg/L		114	75 - 125
Selenium, Dissolved	0.0029		0.100	0.117		mg/L		114	75 - 125
Thallium	0.00076	J	0.0400	0.0498		mg/L		123	75 - 125
Thallium, Dissolved	0.00076		0.0400	0.0498		mg/L		123	75 - 125
Zinc	0.088		0.100	0.200		mg/L		112	75 - 125
Zinc, Dissolved	0.088		0.100	0.200		mg/L		112	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 640-44876-16 MS — **Client Sample ID: MW-48S**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 292816 — **Prep Batch: 291998**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Copper	0.018		0.100	0.111		mg/L		94	75 - 125
Copper, Dissolved	0.018		0.100	0.111		mg/L		94	75 - 125

Lab Sample ID: 640-44876-16 MSD — **Client Sample ID: MW-48S**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 292426 — **Prep Batch: 291998**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.0015	J	0.100	0.111		mg/L		109	75 - 125	6	20
Arsenic, Dissolved	0.0015		0.100	0.111		mg/L		109	75 - 125	6	20
Barium	3.9		0.100	3.82	4	mg/L		-99	75 - 125	5	20
Barium, Dissolved	3.9		0.100	3.82	4	mg/L		-99	75 - 125	5	20
Beryllium	0.0082		0.0500	0.0636		mg/L		111	75 - 125	4	20
Beryllium, Dissolved	0.0082		0.0500	0.0636		mg/L		111	75 - 125	4	20
Cadmium	0.00065		0.0500	0.0584		mg/L		116	75 - 125	4	20
Cadmium, Dissolved	0.00065		0.0500	0.0584		mg/L		116	75 - 125	4	20
Lead	0.034		0.0500	0.0900		mg/L		112	75 - 125	7	20
Lead, Dissolved	0.034		0.0500	0.0900		mg/L		112	75 - 125	7	20
Nickel	0.024		0.100	0.130		mg/L		106	75 - 125	7	20
Nickel, Dissolved	0.024		0.100	0.130		mg/L		106	75 - 125	7	20
Selenium	0.0029		0.100	0.108		mg/L		105	75 - 125	8	20
Selenium, Dissolved	0.0029		0.100	0.108		mg/L		105	75 - 125	8	20
Thallium	0.00076	J	0.0400	0.0468		mg/L		115	75 - 125	6	20
Thallium, Dissolved	0.00076		0.0400	0.0468		mg/L		115	75 - 125	6	20
Zinc	0.088		0.100	0.189		mg/L		101	75 - 125	6	20
Zinc, Dissolved	0.088		0.100	0.189		mg/L		101	75 - 125	6	20

Lab Sample ID: 640-44876-16 MSD — **Client Sample ID: MW-48S**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 292816 — **Prep Batch: 291998**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Copper	0.018		0.100	0.114		mg/L		96	75 - 125	2	20
Copper, Dissolved	0.018		0.100	0.114		mg/L		96	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-291719/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 292153 — **Prep Batch: 291719**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000091	U	0.00020	0.000091	mg/L		08/30/13 15:59	09/04/13 12:18	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 680-291719/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 292153 — **Prep Batch: 291719**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.00250	0.00258		mg/L		103	80 - 120		

Lab Sample ID: 640-44876-15 MS — **Client Sample ID: MW-29S**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 292153 — **Prep Batch: 291719**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	0.0011		0.00100	0.00203		mg/L		96	80 - 120		

Lab Sample ID: 640-44876-15 MSD — **Client Sample ID: MW-29S**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 292153 — **Prep Batch: 291719**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.0011		0.00100	0.00203		mg/L		96	80 - 120	0	20

Lab Sample ID: MB 680-291939/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 292389 — **Prep Batch: 291939**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000091	U	0.00020	0.000091	mg/L		09/03/13 14:22	09/04/13 18:45	1

Lab Sample ID: LCS 680-291939/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 292389 — **Prep Batch: 291939**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.00250	0.00259		mg/L		104	80 - 120		

Lab Sample ID: 640-44876-17 MS — **Client Sample ID: DUP-2**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 292389 — **Prep Batch: 291939**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	0.00099		0.00100	0.00191		mg/L		91	80 - 120		

Lab Sample ID: 640-44876-17 MSD — **Client Sample ID: DUP-2**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 292389 — **Prep Batch: 291939**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.00099		0.00100	0.00193		mg/L		94	80 - 120	1	20

Metals

Prep Batch: 291719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-44876-11	MW-35S	Total/NA	Water	7470A	
640-44876-15	MW-29S	Total/NA	Water	7470A	
640-44876-15 MS	MW-29S	Total/NA	Water	7470A	
640-44876-15 MSD	MW-29S	Total/NA	Water	7470A	
LCS 680-291719/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 680-291719/1-A	Method Blank	Total/NA	Water	7470A	

Prep Batch: 291939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-44876-17	DUP-2	Total/NA	Water	7470A	
640-44876-17 MS	DUP-2	Total/NA	Water	7470A	
640-44876-17 MSD	DUP-2	Total/NA	Water	7470A	
LCS 680-291939/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 680-291939/1-A	Method Blank	Total/NA	Water	7470A	

Prep Batch: 291996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-44876-1	MW-18S	Total Recoverable	Water	3005A	
640-44876-2	MW-4S	Total Recoverable	Water	3005A	
640-44876-3	MW-20S	Total Recoverable	Water	3005A	
640-44876-4	FFFW-1-R	Total Recoverable	Water	3005A	
640-44876-5	EQ-3	Total Recoverable	Water	3005A	
640-44876-6	MW-42S	Total Recoverable	Water	3005A	
640-44876-7	MW-42S (Filtered)	Dissolved	Water	3005A	
640-44876-8	MW-19S	Total Recoverable	Water	3005A	
640-44876-9	MW-3I	Total Recoverable	Water	3005A	
640-44876-10	MW-31S	Total Recoverable	Water	3005A	
640-44876-11	MW-35S	Total Recoverable	Water	3005A	
640-44876-12	MW-28S	Total Recoverable	Water	3005A	
640-44876-13	MW-7I	Total Recoverable	Water	3005A	
640-44876-14	MW-15S	Total Recoverable	Water	3005A	
LCS 680-291996/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 680-291996/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 291998

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-44876-15	MW-29S	Total Recoverable	Water	3005A	
640-44876-16	MW-48S	Total Recoverable	Water	3005A	
640-44876-16 MS	MW-48S	Total Recoverable	Water	3005A	
640-44876-16 MSD	MW-48S	Total Recoverable	Water	3005A	
640-44876-17	DUP-2	Total Recoverable	Water	3005A	
640-44876-18	MW-21S	Total Recoverable	Water	3005A	
640-44876-19	MW-41S	Total Recoverable	Water	3005A	
640-44876-20	MW-TP3S	Total Recoverable	Water	3005A	
640-44876-21	MW-25S	Total Recoverable	Water	3005A	
640-44876-22	MW-33S	Total Recoverable	Water	3005A	
640-44876-23	MW-TP2S	Total Recoverable	Water	3005A	
640-44876-24	MW-TP2S (Filtered)	Dissolved	Water	3005A	
640-44876-25	MW-26S	Total Recoverable	Water	3005A	
640-44876-26	MW-46S	Total Recoverable	Water	3005A	
640-44876-27	MW-22S	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 291998 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-44876-28	MW-44S	Total Recoverable	Water	3005A	
LCS 680-291998/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 680-291998/1-A	Method Blank	Total Recoverable	Water	3005A	

Analysis Batch: 292153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-44876-11	MW-35S	Total/NA	Water	7470A	291719
640-44876-15	MW-29S	Total/NA	Water	7470A	291719
640-44876-15 MS	MW-29S	Total/NA	Water	7470A	291719
640-44876-15 MSD	MW-29S	Total/NA	Water	7470A	291719
LCS 680-291719/2-A	Lab Control Sample	Total/NA	Water	7470A	291719
MB 680-291719/1-A	Method Blank	Total/NA	Water	7470A	291719

Analysis Batch: 292389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-44876-17	DUP-2	Total/NA	Water	7470A	291939
640-44876-17 MS	DUP-2	Total/NA	Water	7470A	291939
640-44876-17 MSD	DUP-2	Total/NA	Water	7470A	291939
LCS 680-291939/2-A	Lab Control Sample	Total/NA	Water	7470A	291939
MB 680-291939/1-A	Method Blank	Total/NA	Water	7470A	291939

Analysis Batch: 292426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-44876-1	MW-18S	Total Recoverable	Water	6020A	291996
640-44876-2	MW-4S	Total Recoverable	Water	6020A	291996
640-44876-3	MW-20S	Total Recoverable	Water	6020A	291996
640-44876-4	FFFW-1-R	Total Recoverable	Water	6020A	291996
640-44876-5	EQ-3	Total Recoverable	Water	6020A	291996
640-44876-6	MW-42S	Total Recoverable	Water	6020A	291996
640-44876-7	MW-42S (Filtered)	Dissolved	Water	6020A	291996
640-44876-8	MW-19S	Total Recoverable	Water	6020A	291996
640-44876-9	MW-3I	Total Recoverable	Water	6020A	291996
640-44876-10	MW-31S	Total Recoverable	Water	6020A	291996
640-44876-11	MW-35S	Total Recoverable	Water	6020A	291996
640-44876-12	MW-28S	Total Recoverable	Water	6020A	291996
640-44876-12	MW-28S	Total Recoverable	Water	6020A	291996
640-44876-13	MW-7I	Total Recoverable	Water	6020A	291996
640-44876-13	MW-7I	Total Recoverable	Water	6020A	291996
640-44876-14	MW-15S	Total Recoverable	Water	6020A	291996
640-44876-14	MW-15S	Total Recoverable	Water	6020A	291996
640-44876-15	MW-29S	Total Recoverable	Water	6020A	291998
640-44876-16	MW-48S	Total Recoverable	Water	6020A	291998
640-44876-16 MS	MW-48S	Total Recoverable	Water	6020A	291998
640-44876-16 MSD	MW-48S	Total Recoverable	Water	6020A	291998
640-44876-17	DUP-2	Total Recoverable	Water	6020A	291998
640-44876-18	MW-21S	Total Recoverable	Water	6020A	291998
640-44876-19	MW-41S	Total Recoverable	Water	6020A	291998
640-44876-20	MW-TP3S	Total Recoverable	Water	6020A	291998
640-44876-21	MW-25S	Total Recoverable	Water	6020A	291998
640-44876-22	MW-33S	Total Recoverable	Water	6020A	291998
640-44876-23	MW-TP2S	Total Recoverable	Water	6020A	291998

Metals (Continued)

Analysis Batch: 292426 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-44876-24	MW-TP2S (Filtered)	Dissolved	Water	6020A	291998
640-44876-25	MW-26S	Total Recoverable	Water	6020A	291998
640-44876-26	MW-46S	Total Recoverable	Water	6020A	291998
640-44876-27	MW-22S	Total Recoverable	Water	6020A	291998
640-44876-28	MW-44S	Total Recoverable	Water	6020A	291998
LCS 680-291996/2-A	Lab Control Sample	Total Recoverable	Water	6020A	291996
LCS 680-291998/2-A	Lab Control Sample	Total Recoverable	Water	6020A	291998
MB 680-291996/1-A	Method Blank	Total Recoverable	Water	6020A	291996
MB 680-291998/1-A	Method Blank	Total Recoverable	Water	6020A	291998

Analysis Batch: 292816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-44876-1	MW-18S	Total Recoverable	Water	6020A	291996
640-44876-2	MW-4S	Total Recoverable	Water	6020A	291996
640-44876-5	EQ-3	Total Recoverable	Water	6020A	291996
640-44876-15	MW-29S	Total Recoverable	Water	6020A	291998
640-44876-16	MW-48S	Total Recoverable	Water	6020A	291998
640-44876-16 MS	MW-48S	Total Recoverable	Water	6020A	291998
640-44876-16 MSD	MW-48S	Total Recoverable	Water	6020A	291998
640-44876-17	DUP-2	Total Recoverable	Water	6020A	291998
LCS 680-291996/2-A	Lab Control Sample	Total Recoverable	Water	6020A	291996
LCS 680-291998/2-A	Lab Control Sample	Total Recoverable	Water	6020A	291998
MB 680-291996/1-A	Method Blank	Total Recoverable	Water	6020A	291996
MB 680-291998/1-A	Method Blank	Total Recoverable	Water	6020A	291998

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44876-1

Client Sample ID: MW-18S — Lab Sample ID: 640-44876-1

Date Collected: 08/28/13 16:17 — **Matrix: Water**
Date Received: 08/29/13 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291996	09/03/13 17:42	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	292426	09/04/13 19:08	CME	TAL SAV
Total Recoverable	Prep	3005A			291996	09/03/13 17:42	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	292816	09/06/13 17:10	BWR	TAL SAV

Client Sample ID: MW-4S — Lab Sample ID: 640-44876-2

Date Collected: 08/28/13 14:08 — **Matrix: Water**
Date Received: 08/29/13 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291996	09/03/13 17:42	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	292426	09/04/13 19:25	CME	TAL SAV
Total Recoverable	Prep	3005A			291996	09/03/13 17:42	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	292816	09/06/13 17:30	BWR	TAL SAV

Client Sample ID: MW-20S — Lab Sample ID: 640-44876-3

Date Collected: 08/28/13 16:33 — **Matrix: Water**
Date Received: 08/29/13 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291996	09/03/13 17:42	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	292426	09/04/13 19:31	CME	TAL SAV

Client Sample ID: FFFW-1-R — Lab Sample ID: 640-44876-4

Date Collected: 08/29/13 10:09 — **Matrix: Water**
Date Received: 08/29/13 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291996	09/03/13 17:42	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	292426	09/04/13 19:37	CME	TAL SAV

Client Sample ID: EQ-3 — Lab Sample ID: 640-44876-5

Date Collected: 08/29/13 08:20 — **Matrix: Water**
Date Received: 08/29/13 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291996	09/03/13 17:42	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	292426	09/04/13 19:42	CME	TAL SAV
Total Recoverable	Prep	3005A			291996	09/03/13 17:42	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	292816	09/06/13 17:50	BWR	TAL SAV

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44876-1

Client Sample ID: MW-42S — Lab Sample ID: 640-44876-6

Date Collected: 08/29/13 10:03 — **Matrix: Water**
Date Received: 08/29/13 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291996	09/03/13 17:42	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	292426	09/04/13 19:48	CME	TAL SAV

Client Sample ID: MW-42S (Filtered) — Lab Sample ID: 640-44876-7

Date Collected: 08/29/13 10:06 — **Matrix: Water**
Date Received: 08/29/13 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			291996	09/03/13 17:42	DAS	TAL SAV
Dissolved	Analysis	6020A		1	292426	09/04/13 19:54	CME	TAL SAV

Client Sample ID: MW-19S — Lab Sample ID: 640-44876-8

Date Collected: 08/29/13 12:24 — **Matrix: Water**
Date Received: 08/29/13 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291996	09/03/13 17:42	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	292426	09/04/13 20:00	CME	TAL SAV

Client Sample ID: MW-3I — Lab Sample ID: 640-44876-9

Date Collected: 08/28/13 11:50 — **Matrix: Water**
Date Received: 08/29/13 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291996	09/03/13 17:42	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	292426	09/04/13 20:05	CME	TAL SAV

Client Sample ID: MW-31S — Lab Sample ID: 640-44876-10

Date Collected: 08/28/13 12:45 — **Matrix: Water**
Date Received: 08/29/13 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291996	09/03/13 17:42	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	292426	09/04/13 20:11	CME	TAL SAV

Client Sample ID: MW-35S — Lab Sample ID: 640-44876-11

Date Collected: 08/27/13 14:15 — **Matrix: Water**
Date Received: 08/29/13 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			291719	08/30/13 15:59	UU1	TAL SAV
Total/NA	Analysis	7470A		1	292153	09/04/13 12:36	BCB	TAL SAV
Total Recoverable	Prep	3005A			291996	09/03/13 17:42	DAS	TAL SAV

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44876-1

Client Sample ID: MW-35S — Lab Sample ID: 640-44876-11

Date Collected: 08/27/13 14:15 — **Matrix: Water**
Date Received: 08/29/13 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Analysis	6020A		1	292426	09/04/13 20:17	CME	TAL SAV

Client Sample ID: MW-28S — Lab Sample ID: 640-44876-12

Date Collected: 08/27/13 16:29 — **Matrix: Water**
Date Received: 08/29/13 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291996	09/03/13 17:42	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	292426	09/05/13 10:53	CME	TAL SAV
Total Recoverable	Analysis	6020A		1	292426	09/04/13 20:34	CME	TAL SAV

Client Sample ID: MW-7I — Lab Sample ID: 640-44876-13

Date Collected: 08/27/13 10:56 — **Matrix: Water**
Date Received: 08/29/13 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291996	09/03/13 17:42	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	292426	09/05/13 10:59	CME	TAL SAV
Total Recoverable	Analysis	6020A		1	292426	09/04/13 20:40	CME	TAL SAV

Client Sample ID: MW-15S — Lab Sample ID: 640-44876-14

Date Collected: 08/27/13 10:00 — **Matrix: Water**
Date Received: 08/29/13 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291996	09/03/13 17:42	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	292426	09/05/13 11:05	CME	TAL SAV
Total Recoverable	Analysis	6020A		1	292426	09/04/13 20:46	CME	TAL SAV

Client Sample ID: MW-29S — Lab Sample ID: 640-44876-15

Date Collected: 08/28/13 15:36 — **Matrix: Water**
Date Received: 08/29/13 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			291719	08/30/13 15:59	UU1	TAL SAV
Total/NA	Analysis	7470A		1	292153	09/04/13 12:29	BCB	TAL SAV
Total Recoverable	Prep	3005A			291998	09/03/13 17:47	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	292426	09/04/13 15:52	CME	TAL SAV
Total Recoverable	Prep	3005A			291998	09/03/13 17:47	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	292816	09/06/13 13:23	BWR	TAL SAV

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44876-1

Client Sample ID: MW-48S — Lab Sample ID: 640-44876-16

Date Collected: 08/29/13 10:55 — **Matrix: Water**
Date Received: 08/29/13 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291998	09/03/13 17:47	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	292426	09/04/13 15:58	CME	TAL SAV
Total Recoverable	Prep	3005A			291998	09/03/13 17:47	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	292816	09/06/13 13:29	BWR	TAL SAV

Client Sample ID: DUP-2 — Lab Sample ID: 640-44876-17

Date Collected: 08/28/13 00:00 — **Matrix: Water**
Date Received: 08/29/13 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			291939	09/03/13 14:22	UU1	TAL SAV
Total/NA	Analysis	7470A		1	292389	09/04/13 18:50	BCB	TAL SAV
Total Recoverable	Prep	3005A			291998	09/03/13 17:47	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	292426	09/04/13 16:26	CME	TAL SAV
Total Recoverable	Prep	3005A			291998	09/03/13 17:47	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	292816	09/06/13 14:03	BWR	TAL SAV

Client Sample ID: MW-21S — Lab Sample ID: 640-44876-18

Date Collected: 08/27/13 09:28 — **Matrix: Water**
Date Received: 08/29/13 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291998	09/03/13 17:47	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	292426	09/04/13 16:32	CME	TAL SAV

Client Sample ID: MW-41S — Lab Sample ID: 640-44876-19

Date Collected: 08/27/13 09:21 — **Matrix: Water**
Date Received: 08/29/13 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291998	09/03/13 17:47	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	292426	09/04/13 16:50	CME	TAL SAV

Client Sample ID: MW-TP3S — Lab Sample ID: 640-44876-20

Date Collected: 08/27/13 11:24 — **Matrix: Water**
Date Received: 08/29/13 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291998	09/03/13 17:47	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	292426	09/04/13 16:55	CME	TAL SAV

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44876-1

Client Sample ID: MW-25S — Lab Sample ID: 640-44876-21

Date Collected: 08/27/13 12:18 — **Matrix: Water**
Date Received: 08/29/13 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291998	09/03/13 17:47	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	292426	09/04/13 17:01	CME	TAL SAV

Client Sample ID: MW-33S — Lab Sample ID: 640-44876-22

Date Collected: 08/27/13 14:38 — **Matrix: Water**
Date Received: 08/29/13 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291998	09/03/13 17:47	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	292426	09/04/13 17:07	CME	TAL SAV

Client Sample ID: MW-TP2S — Lab Sample ID: 640-44876-23

Date Collected: 08/27/13 15:09 — **Matrix: Water**
Date Received: 08/29/13 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291998	09/03/13 17:47	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	292426	09/04/13 17:13	CME	TAL SAV

Client Sample ID: MW-TP2S (Filtered) — Lab Sample ID: 640-44876-24

Date Collected: 08/27/13 15:12 — **Matrix: Water**
Date Received: 08/29/13 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			291998	09/03/13 17:47	DAS	TAL SAV
Dissolved	Analysis	6020A		1	292426	09/04/13 17:18	CME	TAL SAV

Client Sample ID: MW-26S — Lab Sample ID: 640-44876-25

Date Collected: 08/28/13 09:08 — **Matrix: Water**
Date Received: 08/29/13 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291998	09/03/13 17:47	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	292426	09/04/13 17:24	CME	TAL SAV

Client Sample ID: MW-46S — Lab Sample ID: 640-44876-26

Date Collected: 08/28/13 09:41 — **Matrix: Water**
Date Received: 08/29/13 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291998	09/03/13 17:47	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	292426	09/04/13 17:30	CME	TAL SAV

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44876-1

Client Sample ID: MW-22S

Lab Sample ID: 640-44876-27

Date Collected: 08/28/13 13:33

Matrix: Water

Date Received: 08/29/13 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291998	09/03/13 17:47	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	292426	09/04/13 17:36	CME	TAL SAV

Client Sample ID: MW-44S

Lab Sample ID: 640-44876-28

Date Collected: 08/28/13 14:24

Matrix: Water

Date Received: 08/29/13 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			291998	09/03/13 17:47	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	292426	09/04/13 17:41	CME	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: 640-44876-1

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
N/A	N/A	N/A	None on record.	

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	07-31-14
A2LA	ISO/IEC 17025		399.01	02-28-15
Alabama	State Program	4	41450	06-30-14
Arkansas DEQ	State Program	6	88-0692	02-01-14 *
California	NELAP	9	3217CA	07-31-14 *
Colorado	State Program	8	N/A	12-31-13
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	12-31-13
Georgia	State Program	4	N/A	06-30-14
Georgia	State Program	4	803	06-30-14
Guam	State Program	9	09-005r	06-17-14
Hawaii	State Program	9	N/A	06-30-14
Illinois	NELAP	5	200022	11-30-13
Indiana	State Program	5	N/A	06-30-14
Iowa	State Program	7	353	07-01-15
Kentucky	State Program	4	90084	12-31-13
Kentucky (UST)	State Program	4	18	06-30-14
Louisiana	NELAP	6	30690	06-30-14
Maine	State Program	1	GA00006	08-16-14
Maryland	State Program	3	250	12-31-13
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	01-01-14
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	04-01-14
North Carolina DENR	State Program	4	269	12-31-13
North Carolina DHHS	State Program	4	13701	07-31-14
Oklahoma	State Program	6	9984	08-31-13 *
Pennsylvania	NELAP	3	68-00474	06-30-14
Puerto Rico	State Program	2	GA00006	01-01-14
South Carolina	State Program	4	98001	06-30-13 *
Tennessee	State Program	4	TN02961	06-30-14
Texas	NELAP	6	T104704185-08-TX	11-30-13
USDA	Federal		SAV 3-04	04-07-14
Virginia	NELAP	3	460161	06-14-14
Washington	State Program	10	C1794	06-10-14
West Virginia	State Program	3	9950C	12-31-13
West Virginia DEP	State Program	3	94	09-30-13 *
Wisconsin	State Program	5	999819810	08-31-14

* Expired certification is currently pending renewal and is considered valid.

Certification Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44876-1

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
Wyoming	State Program	8	8TMS-L	06-30-14

Method Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-44876-1

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: 640-44876-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-44876-1	MW-18S	Water	08/28/13 16:17	08/29/13 14:53
640-44876-2	MW-4S	Water	08/28/13 14:08	08/29/13 14:53
640-44876-3	MW-20S	Water	08/28/13 16:33	08/29/13 14:53
640-44876-4	FFFW-1-R	Water	08/29/13 10:09	08/29/13 14:53
640-44876-5	EQ-3	Water	08/29/13 08:20	08/29/13 14:53
640-44876-6	MW-42S	Water	08/29/13 10:03	08/29/13 14:53
640-44876-7	MW-42S (Filtered)	Water	08/29/13 10:06	08/29/13 14:53
640-44876-8	MW-19S	Water	08/29/13 12:24	08/29/13 14:53
640-44876-9	MW-3I	Water	08/28/13 11:50	08/29/13 14:53
640-44876-10	MW-31S	Water	08/28/13 12:45	08/29/13 14:53
640-44876-11	MW-35S	Water	08/27/13 14:15	08/29/13 14:53
640-44876-12	MW-28S	Water	08/27/13 16:29	08/29/13 14:53
640-44876-13	MW-7I	Water	08/27/13 10:56	08/29/13 14:53
640-44876-14	MW-15S	Water	08/27/13 10:00	08/29/13 14:53
640-44876-15	MW-29S	Water	08/28/13 15:36	08/29/13 14:53
640-44876-16	MW-48S	Water	08/29/13 10:55	08/29/13 14:53
640-44876-17	DUP-2	Water	08/28/13 00:00	08/29/13 14:53
640-44876-18	MW-21S	Water	08/27/13 09:28	08/29/13 14:53
640-44876-19	MW-41S	Water	08/27/13 09:21	08/29/13 14:53
640-44876-20	MW-TP3S	Water	08/27/13 11:24	08/29/13 14:53
640-44876-21	MW-25S	Water	08/27/13 12:18	08/29/13 14:53
640-44876-22	MW-33S	Water	08/27/13 14:38	08/29/13 14:53
640-44876-23	MW-TP2S	Water	08/27/13 15:09	08/29/13 14:53
640-44876-24	MW-TP2S (Filtered)	Water	08/27/13 15:12	08/29/13 14:53
640-44876-25	MW-26S	Water	08/28/13 09:08	08/29/13 14:53
640-44876-26	MW-46S	Water	08/28/13 09:41	08/29/13 14:53
640-44876-27	MW-22S	Water	08/28/13 13:33	08/29/13 14:53
640-44876-28	MW-44S	Water	08/28/13 14:24	08/29/13 14:53

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

Client Information	Sampler: E. Mann, B. Mckee, L. Greg	Lab PM: Marks, Amy	Carrier Tracking No(s):
Client Contact: Mr. John Carey	Phone: 850 251 0585	E-Mail: amy.marks@testamericainc.com	COC No: 640-40610-10955.9
Company: URS Corporation			Page:
Address: 1625 Summit Lake Drive Suite 200	Due Date Requested:		Job #: 640-44876
City: Tallahassee	TAT Requested (days):		
State, Zip: FL, 32317			
Phone: 850-528-1937(Tel) 850-402-6490(Fax)	PO #: 267418.US		
Email: john_carey@urscorp.com	WO #: 12806184.00000 Vendor No. 1427536		
Project Name: PCS FFF Moultrie	Project #: 64005633		
Site: Moultrie, GA	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)	6020 - Site Metals	6020 - Dissolved Site Metals	7470A - Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	D		
MW-18s	8/28/13	1617	G	GW	N	N	X				
MW-4s		1408									
MW-20s		1633									
FFFW-1S-R	8/29/13										
EQ-3		0820		DI							
MW-42s		1003		GW							
MW-42s (Filtered)		1006			Y			X			
MW-19s					N		X				

640-44876 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: 8/29/13 1452	Company	Received by:	Date/Time: 8/29/13 1452	Company TAT
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 2.9°C

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

Client Information
Client Contact: Mr. John Carey
Company: URS Corporation
Address: 1625 Summit Lake Drive Suite 200
City: Tallahassee
State, Zip: FL, 32317
Phone: 850-528-1937(Tel) 850-402-6490(Fax)
Email: john_carey@urscorp.com
Project Name: PCS FFF Moultrie
Site:

Sampler: Logan Grigg
Phone: 850-528-2725
Due Date Requested:
TAT Requested (days):
PO #: 267418.US
WO #: 12806184.00000 Vendor No. 1427536
Project #: 64005633
SSOW#:

Lab PM: Marks, Amy
E-Mail: amy.marks@testamericainc.com
Carrier Tracking No(s):
COC No: 640-40610-10955.9
Page:
Job #: 640-44870

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020 - Site Metals	6020 - Dissolved Site Metals	7470A - Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	D		
MW-3I	8/28/13	1150	G	W			1				
MW-31-5	8/28/13	1245	G	W			1				
MW-35-5	8/27/13	1415	G	W			1		X		
MW-28-5	8/27/13	1629	G	W			1				
MW-7I	8/27/13	1056	G	W			1				
MW-15-5	8/27/13	1000	G	W			1				
MW-29-5	8/28/13	1536	G	W			1		X		
MW-48-5	8/29/13	1055	G	W			1				
DUP-2	8/28/13		G	W			1				

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Possible Hazard Identification
☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)
Special Instructions/QC Requirements:

Empty Kit Relinquished by: Date: 8/29/13 Time: Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	8/29/13 1452		[signature]	8/29/13 1053	TAT
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 2.9°C

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2846 Industrial Plaza Drive
Tallahassee, FL 32301
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Email: john_carey@urscorp.com
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Site: Moultrie GA

Sampler: E. Mann, B. McKee, L. Gregg
Phone: 850 251 0585
Due Date Requested:
TAT Requested (days):
PO #: 267418.US
WO #: 12806184.00000 Vendor No. 1427536
Project #: 64005633
SSOW#:

Lab PM: Marks, Amy
E-Mail: amy.marks@testamericainc.com
Carrier Tracking No(s):
COC No: 640-40610-10955.9
Page:
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Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020 - Site Metals	6020 - Dissolved Site Metals	7470A - Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	D		
MW-21s	8/27/13	0928	G	GW	N	N	X				
MW-41s		0921					X				
MW-TP3s		1124					X				
MW-25s		1218					X				
MW-33s		1438					X				
MW-TP2s		1509					X				
MW-TP2s (Filtered)		1512			Y	N		X			
MW-26s	8/28/13	0908			N		X				
MW-46s		0941					X				
MW-22s		1333					X				
MW-44s		1424					X				

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: Date: Time: Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	8/28/13 1452		[signature]	8/28/13 1452	TAT
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 2.9°C

ATTACHMENT 2

GROUNDWATER FLOW AND TRANSPORT MODEL REPORT

VOLUNTARY REMEDIATION PROGRAM

FORMER FARMER'S FAVORITE FERTILIZER SITE

315 4TH AVENUE
MOULTRIE, COLQUITT COUNTY, GEORGIA

March 9, 2014

URS Corporation
1625 Summit Lake Drive
Tallahassee, FL, 32317
(850) 574.3197

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Appendices

Appendix A Aquifer Tests

This document details the construction of a groundwater flow and fate and transport model created for the former Farmer's Favorite Fertilizer (FFF) facility in Moultrie, Georgia (the Site). The model was constructed based on data collected from previous investigations conducted by Golder Associates (Golder) and results from more recent sampling conducted by URS Corporation (URS) and summarized in semiannual progress reports since September 2012. The model was completed to fulfill Georgia Environmental Protection Division (GEPD) Voluntary Investigation and Remediation Program (VIRP) requirements and the purpose of the modeling effort was to determine the fate of chemicals of concern (primarily lead and arsenic) in the shallow water bearing zones of the upper confining unit beneath the facility and to assess the possibility for impacts to potential receptors. One potential environmental receptor is the Okapilco Creek, however, there is an extremely low probability of impacted groundwater reaching the creek at concentrations that would exceed the surface water regulatory criteria. Impact to human receptors is unlikely given that the Site is classified as industrial and the neighboring residential area is on a municipal water supply. No water supply wells are known to be located within the upper confining unit in the vicinity of the Site, which is supported by the extremely poor water-bearing characteristics for these confining unit perched zones.

The former FFF facility is located along the center axis of a feature known as the Gulf Trough-Apalachicola Embayment. The embayment is characterized by a thick sequence of sandy, silty, clayey sediments and, at this location, has no surficial aquifer present. Groundwater is only present in thin layers of slightly higher transmissivity, which are not laterally extensive based on Site boring logs. Water supply for the facility and area residences is obtained from wells completed in the Floridan aquifer beneath the confining unit.

Groundwater within the confining unit beneath the facility has been impacted primarily by metals that appear to have originated at the former Sulfuric Acid Plant, former waste water ponds (discussed in greater detail in **Section 3.1**), and general operations for more than 50 years. There appears to be an upgradient off-site lead source that has been transported downgradient and is collocated on the former FFF property. The off-site source is unknown at this time; however, both data collected for the Site and modeling results confirm that impacts to the groundwater are very localized and limited in both areal extent and depth.

The groundwater model for the former FFF site was constructed using Visual MODFLOW to evaluate the fate and transport of metal-impacted groundwater beneath the facility. The model consists of ten (10) layers and extends from the facility to known hydrologic boundaries to the east and west and to a distance that will limit artificial boundary influences to the north and south. Hydraulic conductivity values were based primarily on site data as there is limited published information related to properties for the water bearing zones of the upper confining unit for the area.

URS conducted additional aquifer testing at the Site in 2014 to supplement existing hydraulic conductivity data and to better define the extent of geologic heterogeneity. This is extremely important with regard to the transport aspect of modeling as plume migration is strongly influenced by changes in geology.

Transport scenarios were conducted using the MT3DMS transport module in Visual MODFLOW. Parameters (i.e. bulk density and distribution coefficients) were derived from historical soil and groundwater data. Simulations were run for a period of 100 years. This

period of time was selected as a reasonable representation to determine if impacted water might be moving offsite.

1.1 PURPOSE

The purpose of this modeling report is to evaluate groundwater flow and fate and transport of metal-impacted groundwater at the former Farmers Favorite Fertilizer site in Moultrie, Colquitt County, Georgia (Site). On September 23, 2011, PCS Joint Venture, Ltd (PCS) (responsible party) received a correspondence from the Georgia Environmental Protection Division (GEPD) related to approvals of Semi-Annual Monitoring Reports, which presented the option to submit an application for the Voluntary Remediation Program (VRP). PCS opted to participate in the program and submitted the proposed Voluntary Investigation and Remediation Plan (VIRP) to GEPD in December 2011. The VIRP was approved by GEPD on March 9, 2011 and, as part of this program, a groundwater flow and transport model was required to assist in evaluating the risks associated with this site.

1.2 SITE LOCATION AND BACKGROUND

The former Farmers Favorite Fertilizer Site (FFF) (HSI # 10259) 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 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 to the north, east of 3rd Street N.E. to the west, north of 2nd Avenue N.E. to the south, 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 west by industrial/commercial land use, to the east and west by residential/commercial land use, and to the south by residential 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 (discussed in **Section 2.1**). An unnamed, intermittent drainage way 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. This drainage way is a small tributary within the Okapilko Creek drainage basin. Groundcover varies from buildings and pavement to grassy, open fields.

2.1 GEOLOGIC SETTING

Colquitt County, the location of the Site, lies completely within the physiographic province of the Tifton Upland District (Cooke, 1925). This physiographic province overlaps a geomorphic feature known as the Gulf Trough-Apalachicola Embayment (Kellam & Gordy, 1990). The embayment trends from northeast to southwest and the City of Moultrie lies along the center axis. The embayment is a significant downwarp feature that has been filled with over 500 ft of sediment at the center (near Attapulgus, GA) and approximately 300 ft in the center of Colquitt County (Zimmerman, 1977), the vicinity of the Site (**Figures 3** and **4**). The deposits within the embayment consist of undifferentiated material (coarse sand, gravel, clay and red sandy hematite concretions) overlying Hawthorn Group sediments, primarily clay, sandy clay and some calcareous sand and sandy limestone at the base. Zimmerman (1977) noted that the naming of these confining sediments has been questioned and refers to them as the Alum Bluff Group. The Hawthorn Group (Alum Bluff Group) then grades into the Tampa Limestone (Sever, 1965). The Tampa Limestone is an interbedded sandy limestone and calcareous sandstone with some clay and sand beds. The Tampa Limestone is thickest in the center of the Trough at approximately 250 ft (Patterson, 1974).

2.2 HYDROGEOLOGIC FRAMEWORK

The following sections provide a summary of both the regional and local hydrogeologic frameworks.

2.2.1 Regional Hydrogeology

Georgia is subdivided into three hydrogeologic provinces, the largest of which is the Coastal Plain, comprised of the southern half of the state (Donahue, 1998). The primary water-bearing unit in the southern portion of the Coastal Plain is the Floridan Aquifer System. The Floridan in this area is composed chiefly of the Suwannee and Ocala Limestones but may occasionally include the Tampa Limestone as well. These formations dip sharply in the embayment and, as a result, are found at great depth in the vicinity of the Site. Over 300 ft of semi-confining to confining sediments overlie the Floridan aquifer (Zimmerman, 1977; Kellam & Gordy, 1990). The thickness of sediments and the depth to the top of the Floridan aquifer are presented on **Figures 3** and **4**. Local recharge to the Floridan aquifer is significantly limited by the massive confining unit overlying the aquifer. Infiltration is so restricted in the embayment area that the groundwater within the Floridan aquifer is often highly mineralized at depth.

A very thin surficial aquifer exists in Colquitt County and extends through a portion of southern Georgia (**Figure 5**) and is mainly present in low-lying areas adjacent to surface water bodies. In Colquitt County, this aquifer tends to yield water to shallow wells (typically less than 50 ft deep) and water levels fluctuate significantly in response to rainfall, evapotranspiration, and stream stage (Miller, 1986). Because of the shallow nature of these wells, water yields are unreliable and not suitable for potable supply (Zimmerman, 1977). Groundwater levels in surficial aquifer wells tend to have a strong positive correlation with stream stage, indicating a significant surface water influence and topographic control. **Figure 6** shows the 2006 regional potentiometric surface in the shallow aquifer (Torak & Peck, 2010). Beneath this thin, shallow surficial aquifer, approximately 250 ft of confining sediments prohibit interaction between the surficial and

Floridan aquifers (**Figures 3** and **4**). In the higher elevations, the confining unit sediments outcrop at land surface and the surficial aquifer is not present, which is the case for the former FFF site. The upper confining unit is present beneath the site and has thin water bearing units within the shallow extent of the unit. These water bearing layers have very limit water yields and, like the surficial aquifer, the water yields are very unreliable and not suitable for a potable supply.

2.2.2 Site-Specific Hydrogeology

Hydrogeology in the vicinity of the Site is typical of the regional hydrogeology discussed in the previous section. The Site monitoring wells (**Figure 2**) are extremely low-yielding and are screened in the water-bearing zones of the upper confining unit at total depths of 50 ft or less (construction information is presented in **Table 1**). Potentiometric surfaces were created for water levels collected in March and August 2012 and are presented on **Figures 7** and **8**, respectively. As with the regional potentiometric surface (**Figure 6**), flow is generally to the southeast toward Okapilco Creek and its unnamed tributary that crosses the Site.

2.3 HYDRAULIC CHARACTERISTICS

Little published information exists pertaining to the regional surficial aquifer system hydraulic characteristics and even less exists for the water bearing zones of the upper confining unit. An electronic Geographic Information System (GIS) coverage and database of the National Resource Conservation Service (NRCS) soil cover for the area was downloaded and a report of corresponding hydraulic conductivities was extracted from the database. **Figure 9** shows the distribution of native soil types in the project area. The two primary soil types are Alapaha soils and Tifton-Urban land complex. Descriptions for these soils from the NRCS database are as follows:

> ALAPAHA (ALAPAHA, FLOODED)--This very deep, poorly drained soil is along small drainage ways, in depressions, and on gentle seepage slopes. The subsoil is loamy and extends to a depth greater than 5 feet. Plinthite is at a depth of 32 to 50 inches. Flooding is common. A seasonal high water table occurs at a depth of 0 to 1.0 foot. Permeability is moderately slow and available water capacity is low.
>
> URBAN LAND--Areas that are mostly business districts, shopping centers, industrial and commercial buildings, private dwellings, schools, churches, parking lots, streets, and sidewalks. The original soils have been altered by grading, cutting, filling, shaping, and smoothing.
>
> TIFTON--This very deep, well-drained soil is on uplands. The subsoil is loamy and extends to a depth greater than 5 feet. Plinthite occurs below a depth of 30 to 50 inches. Ironstone nodules are throughout the soil. Permeability is moderate in the upper part of the subsoil and moderate in the lower part. Available water capacity is moderate.

2.3.1 Aquifer Testing

URS initially attempted to model the site using hydraulic conductivity values derived from slug test data previously collected by Golder (1999; 2003). Those tests were conducted prior to the soil corrective activities, which included excavation and backfill of a large portion of the site in

the vicinity of the former sulfuric acid plant. The data proved to be insufficient to define a detailed conceptual site model (CSM) and efforts to calibrate the model were unsuccessful. URS subsequently conducted additional slug and aquifer pumping tests in 2013. Six pumping tests were performed on wells MWTP5S, FFW3R, TP4S, TWTP5S, MW13SR and RW3S in April 2013 in an attempt to fill some of the gaps in the Golder data. A second round of tests were conducted in November and December 2013 with emphasis on wells in the area of soil excavation and wells west and northwest of the former sulfuric acid plant to further develop the CSM. Pumping tests were performed on wells MW-8I, MW-10I, MW-6I, MW-7I, MW-48S, and MW-9SR. Slug tests were conducted on wells MW-1SR, MW-38S, MW-2S, MW-39S, MW-48S, MW-29S, MW-35S, MW-40S, MW-49S, MW-31S, MW-41S, and MW-7I. Results from the 2013 tests were analyzed using AQTESOLV software and the groundwater model was updated with the resulting hydraulic conductivity values.

The results of the AQTESOLV analyses are included in **Appendix A**.

3.1 CONCEPTUAL MODEL

As discussed in previous sections, sediments beneath the Site comprise a very thick confining unit. Often there are thin, water-bearing layers alternating with extremely low permeability sediments. Attempting to model these thin units within a large confining unit typically results in model instability. The model was, therefore, simplified to reflect 10 layers comprising the upper confining unit. The Floridan aquifer was excluded from the model because hydraulic interaction between the confining unit and the aquifer underlying the Site is virtually nonexistent. The modeling approach and assumptions are intended to yield conservative estimates.

3.2 MODEL SELECTION

The groundwater model selected for this effort was Visual MODFLOW (Waterloo Hydrologic, Inc., Version 2011.1). Visual MODFLOW incorporates the U.S. Geological Survey code of MODFLOW (Harbaugh, 2005) and was used for the groundwater flow simulations. The MODFLOW code simulates groundwater flow over the modeling domain represented by a modeling grid. Groundwater head and flux are solved within each grid cell using a finite difference numerical method.

MT3DMS, Version 5.2 (Zheng & Wang, 1999), is a modular three dimensional multi species transport model for simulation of advection, dispersion, and chemical reactions of contaminants in groundwater systems (Visual MODFLOW electronic documentation). MT3DMS is a solute transport code that incorporates both groundwater advection and dispersion ("plume spreading").

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

3.3 MODEL DESIGN

The lateral extent of the area to be modeled (**Figure 10**) was selected to establish that reasonable groundwater flow conditions would be reproduced by the model. The modeled area incorporated Okapilco Creek and its associated tributaries. The western boundary of the model corresponds to the Okapilco river watershed and the eastern boundary is the Okapilco River. The northern and southern boundaries were set arbitrarily but at a significant distance from the Site to avoid artificial boundary influences on groundwater flow.

3.3.1 Model Grid and Layering

The model grid (**Figure 11**) is non-uniform, with the cell dimensions adjusted such that each cell contained no more than a single monitoring well (calibration point). The grid dimensions are 189 rows and 212 columns, covering an area of 10,100 ft east to west and 11,900 ft north to south. The total modeled area encompasses approximately 4.31 square miles. Maximum cell dimensions are approximately 268 ft by 274 ft and the minimum cell size is approximately 14 ft by 15 ft (localized to the Site).

Land surface elevation values assigned to the model were obtained from USGS Digital Elevation Models (DEMs) except in the vicinity of the Site. Elevations for the subject property were

assigned based on detailed survey data for the facility. The area was modeled with ten layers representing the generalized hydrogeology observed at the Site. The layer thicknesses were selected to allow sufficient detail to represent vertical changes in hydraulic conductivity. Representative west-east and north-south cross sections of the model are shown on **Figure 12**.

3.3.2 Model Boundary Conditions

Okapilco Creek and its associated tributaries are represented by river cells in the model. River widths and stages were based on site visits. Streambed conductance was initially assigned to reflect the vertical hydraulic conductivity of the aquifer material underlying a corresponding river section and then modified during the calibration process.

The model bottom is a no-flow boundary, which is representative of the virtually nonexistent interaction between the low permeability confining unit and the underlying Floridan Aquifer System. The north and south lateral boundaries are head-dependent flux, while the east and west boundaries are no-flow. The western boundary was selected to represent a groundwater divide. The eastern boundary was originally selected to coincide with a groundwater divide but to keep the model from being unnecessarily large; the boundary was modified to just east of Okapilco Creek with a general head boundary used to simulate the distant divide.

3.4 MODEL PARAMETERS

The following sections contain summaries of parameters applied to the model. All values discussed here represent initial conditions; final parameters will be discussed in Section 5, Calibration and Sensitivity Analysis, upon model completion.

3.4.1 Recharge

The initial net recharge applied to the top layer of the model was derived from base flow analysis of the three closest stream gages (**Figure 13**). Data for this calculation were obtained from the USGS National Water Information System (NWIS) (USGS, 2013). The river discharge at the low flow value of the monthly mean is typically an indicator of the contribution of groundwater to river discharge. The low flow value of was divided by the total stream drainage area to determine the unit recharge rate at each location. The following values were calculated for each location (in inches/year):

- Ochlockonee – 3.85
- Okapilco – 3.43
- Little River at Adel – 2.71

These calculations only provide an estimate of potential recharge and an initial value of 3 inches per year was assigned to Layer 1 for the entire model.

3.4.2 Hydraulic Conductivity

Hydraulic conductivity (K) values at the Site are based on slug and pump tests performed by Golder and, more recently, URS. Calculated values span nearly two orders of magnitude ranging from 0.0017 up to 64 feet per day (ft/d). A spatial distribution of the K values is shown on

Figure 14. In addition, the groundwater contours have been superimposed on the figure to illustrate the effect of varying hydraulic conductivities on the water table.

As discussed in **Section 2.3**, the aquifer tests combined with the NRCS soil information were used to establish the initial hydraulic conductivities for the model. It should be noted that the hydraulic conductivities at the main property are likely to be significantly different from those measured by Golder in 1999 as a result of source removal activities conducted in August 2006 (Golder Associates, 2006). As part of the corrective action, impacted soil was removed west of the culvert (**Figure 15**) from depths ranging from 1 to 10 feet below land surface (bls). The excavated areas were then backfilled with clean fill material of an unspecified type. This activity likely resulted in an increase of hydraulic conductivity versus the surrounding native material.

MT3D is a solute transport code that incorporates both groundwater advection and dispersion. Solute movement in groundwater is determined by velocity. In high velocity environments, advection dominates, and in slow velocity conditions (resulting from low hydraulic conductivity) dispersion controls solute extent and distribution.

4.1 CONSTITUENTS OF CONCERN AND SOURCES

Of the 15 metals that have historically exceeded established criteria, the extent of 2 (lead and arsenic) encompass the footprint of the remaining 13; therefore, lead and arsenic are the focus of the transport portion of the model.

4.1.1 Lead

The available information on source concentrations and locations of lead in the vicinity of the former sulfuric acid plant were fairly well defined by Golder (2006). As mentioned in the September 2012 Semi-Annual Progress Report (URS, 2012), it is possible that the observed distribution of lead in groundwater may not originate from a single source, which adds considerable complication to the modeling effort. Concentrations of lead in soil were reported as high as 8,600 mg/kg in soil by Golder (2005). Values were highest in the upper two feet of soil and generally decreased with increasing depth. The source of lead contamination is presumed to be lead piping and lead reaction chambers that were in operation from the 1940s until they were dismantled in 1996 (Golder Associates, 2006) resulting in approximately 56 years for potential source leaching to groundwater. **Figure 16** shows the extent of delineated lead impacted groundwater at the Site from 2009 through 2013. It should be noted that the plume has not increased in size, rather the change in shape is likely reflective of the incomplete delineation prior to 2010.

4.1.2 Arsenic

Although the lead source associated with the former facility is well defined, no definitive source for arsenic has been located (Golder Associates, 2006) but is believed to be associated with the sulfuric acid production activities. Isolated occurrences of arsenic were reported in surficial soils and at 7 ft bls by Golder in the Corrective Action Plan (2004) with the highest concentration of 48 mg/kg. The extent of arsenic affected groundwater from 2009 to 2013 is shown on **Figure 16.** Like lead, the change in plume shape is the result of delineation activities, not plume spreading.

4.1.3 Controlling Factors

During the initial chemical transport development phase of the modeling effort, it was determined the concentrations and distribution of metals at the Site could not be accounted for strictly by groundwater flow (advective transport). Dilution is extremely unlikely to be the controlling factor at the Site as groundwater flow is extremely slow, which is reflected in the steep hydraulic gradient (0.015 in August 2013). Several physical parameters contribute to the movement of lead and arsenic in groundwater. Lead is mobilized by low pH values and the highest concentrations across the site are found in wells with pH of 4 or less. Arsenic is also affected by pH but not as strongly as lead. Adsorption of arsenic is facilitated by high clay and

iron content typical of the sediments in this area. Desorption of arsenic may occur in the presence of phosphorous because of competition for adsorption sites.

5.1 CALIBRATION PROCESS

Model calibration consists of adjusting model parameters until a reasonable match with known data is obtained. Care was taken not to exceed a practical value for any one parameter, thereby creating a reasonably representative model. The purpose of calibration is not to duplicate field conditions precisely, rather it is to approximate known conditions within a reasonable degree of uncertainty. A model is generally considered calibrated for flow when the normalized root mean squared (RMS) error is less than 10% between modeled and measured field data.

5.2 FLOW CALIBRATION

Typically the first step is to conduct a regional calibration to replicate the flow direction and magnitude of published data. However, little information exists on regional groundwater elevations in the subject area, therefore, calibration efforts were focused on the Site data. The flow calibration process involved adjusting hydraulic conductivity values and the rate of recharge within reasonable ranges to obtain the best match to groundwater elevation data. Flow calibration is typically achieved by comparing water elevations in observation wells to modeled elevations for grid cells that represent the observation wells. During calibration, model parameters were adjusted until the modeled data matched the site-specific water elevations.

The calibration process consisted of matching water-level elevations in observation wells to modeled elevations for grid cells that represent the observation wells for a given simulation. To evaluate a particular calibration, a plot was made of the observed elevations versus the modeled elevations. If there was a perfect match, all data points would fall on a 45-degree line. Generally, a model is deemed calibrated when the absolute mean error is equal to or less than 10 percent of the maximum gradient for the wells. The maximum gradient is the difference between the highest and lowest groundwater elevations for the target calibration dataset. Data collected February 24, 2009 from 65 monitoring wells were used to conduct the Site calibration. On this date, the highest groundwater elevation was 291.73 ft (referenced to NAVD 88) at MW-48S and the lowest value was 272.38 ft at MW-33S. The difference between these two values is 19.35 ft which results in a desired absolute mean error of less than or equal to 1.94 ft.

The initial values for hydraulic conductivity (as determined from slug tests) ranged from 0.001 ft/d to 64 ft/d. These values were applied in the vicinity of the respective wells and an average of 0.5 ft/d was applied to the remainder of the model. The initial values were applied to Layers 1 through 8, and a uniform conductivity of 0.1 ft/d was applied to Layers 9 and 10 to represent the confining unit.

The locations of observation wells used to calibrate the model are presented on **Figure 14**. Based on the initial results, calculated water levels deviated significantly from observed water levels, indicating model adjustments were necessary. Through an iterative process of adjusting the measured hydraulic conductivities (shown on **Figure 14**) to reflect local and regional geologic conditions, a closer calibration match was obtained (**Figure 17**).

5.3 TRANSPORT CALIBRATION

Calibration of transport is significantly more complex than flow. The purpose of modeling is not to exactly duplicate point field measurements; instead the goal is to mimic the behavior and

spatial distribution of groundwater concentrations. During the initial transport evaluation, it was determined that the current extent of impacted groundwater could not be explained based solely on groundwater flow (advection), dispersion must also be considered. Dispersion governs the spreading nature of groundwater plumes. Solute dispersion is caused by aquifer dispersivity, which is a physical characteristic. Dispersivity is a measure of aquifer heterogeneity that results in non-uniform groundwater velocities at localized as well as field scales. The geology in the area of the Site is composed of predominately fine-grained material which results in slower groundwater flow velocities. As a result, dispersion becomes an important component of constituents of concern (COC) distribution; and the model default value of 32 ft was modified to 10 ft and applied to all model layers.

The term for contaminants that travel slower than the velocity of groundwater is retardation. In the case of metals, retardation typically occurs through precipitation or adsorption/desorption equilibrium. Retardation is expressed in MT3DMS using distribution (also known as partition) coefficients (K_d) within the sorption option. A distribution coefficient is simply the ratio of the solute in the solid phase (soil, in mg/kg) to water (groundwater, in mg/L). The retardation factor is also affected by soil bulk density. K_d values were approximated based on soil and groundwater concentration data presented in the Golder reports (2004; 2005). A K_d of 2E-4 was used for arsenic and a value of 4.7E-6 for lead. In addition, the average soil bulk density was calculated from the Corrective Action Plan (Golder Associates, 2004) and the resulting value of 5.987E7 applied to the transport simulations.

5.4 FINAL CALIBRATED PARAMETERS

During the flow calibration process, it was determined that the parameters for the Site may have a non-unique solution; i.e. more than one combination of parameters (specifically hydraulic conductivity and recharge values) result in a reasonable approximation of the observed conditions at the Site. The potential for this scenario increases when there are insufficient data to refine the parameter ranges.

The current calibration is shown on **Figure 18**. The K values currently assigned to the model that generated this calibration range from 0.1 to 50 (horizontal) with a 10:1 horizontal to vertical component; note that these values are consistent with those generated from aquifer test data. The industry standard for evaluating the calibration dictates a normalized root mean squared error of less than 10% (the current calibration is 7.895%) and a value of less than 5% is preferred. Further data collection and calibration may be used to refine these values and increase confidence the model's predictive capability.

Recharge was applied only to Layer 1 and had a final calibrated value of 1.5 in/yr.

5.5 SENSITIVITY ANALYSIS

A model sensitivity analysis involves varying input parameters and observing the model in response to the changes. The purpose of the sensitivity analysis is to determine which parameters have the greatest effect on the model and thereby the possibility of creating a margin of error in the modeled results. If changing a parameter has a significant effect on the observed output, the model is deemed to be sensitive to that parameter. The sensitivity analysis was conducted in conjunction with model refinement. During this process it was noted that the flow

portion of the model is sensitive to small changes in hydraulic conductivity (plus or minus 10% of the calibrated values). This parameter had little effect on the transport section, however. The contaminant distribution exhibited little change with small changes in hydraulic conductivity values and was also relatively insensitive to the source concentration. The partition coefficient, however, had a significant effect on the distribution and concentration of COCs in the model. This was observed in the resulting spatial distribution and concentration of arsenic and lead when the partition coefficient was set to zero. All monitoring wells in the model would have significantly higher than observed concentrations and all downgradient wells would have metals detected if metals were not interacting with the substrate, i.e. the plumes would be much larger than observed.

5.6 MODEL ASSUMPTIONS

As discussed, groundwater flow calibration was problematic and can be attributed primarily to site complexity and less than ideal data. Following is a list of data gaps and complicating factors:

1. When the source removal was conducted, the excavation was backfilled with an unspecified fill material, resulting in a localized change in hydraulic conductivity
   Assumption: Hydraulic conductivities of the area can be extrapolated from existing data
2. The hydraulic conductivity values calculated from slug and pumping tests at site wells vary widely over short distances and do not correlate well either laterally or with depth
   Assumption: In absence of other data, hydraulic conductivity values were extrapolated between known points
3. When monitoring wells were installed, Golder did not collect continuous cores in many cases, which resulted in a data gap that prevents effective spatial correlation of strata across the Site
   Assumption: In absence of other data, strata were assumed to be continuous
4. The elevations of the screened intervals do not appear to correlate (e.g. some wells designated as shallow are screened at the same elevation as wells designated as intermediate)
   Assumption: Wells that were not screened in a definitive zone were excluded
5. During the flow calibration process, it was determined that the parameters for the Site may have a non-unique solution; i.e. more than one combination of parameters (specifically hydraulic conductivity and recharge values) result in a reasonable approximation of the observed conditions at the Site
   Assumption: The best possible permutation of hydraulic conductivity and recharge were applied to the model
6. Sources of lead and arsenic were not well defined
   Assumption: Modeling has proceeded with the known distribution of constituents in groundwater originating as a one-time release and no continuing source

6.1 RESULTS

Modeling scenarios were run to determine the projected COC distribution in groundwater. An initial concentration of 1 mg/L for both lead and arsenic (to be conservative) was assigned to the model and then it was run for a simulation period of 100 years. The relative horizontal spatial distributions of the modeled COC concentrations exceeding the regulatory standards are shown on **Figures 19** and **20**. This is an extremely conservative estimate of plume movement for lead because the K_d value has been applied to all layers irrespective of pH conditions. In reality, pH values measured at the former site (east of the lead plume) are closer to neutral, which is not conducive to migration of lead.

As expected for these types of flow and geochemical conditions, very little vertical migration occurs even after 100 years of simulation. The maximum modeled vertical extent of lead (the more mobile of the two species) is approximately 50 ft bls.

Given the length of source exposure (at least 50 years), it is conceivable that the concentrations of both metals have reached equilibrium and it is unlikely that the extent of impacts will change significantly given the current groundwater conditions (i.e. pH, redox, etc.).

6.2 SUMMARY

Following is a summary of conclusions based on the results observed in the groundwater model:

- The plumes appear to have reached a steady-state condition whereby further plume expansion and/or migration should be limited. **Figures 19** and **20** illustrate the projected lead and arsenic concentrations and distributions after 100 years.
- Under current conditions and based on modeling results, COCs are unlikely to reach Okapilco Creek at concentrations exceeding the regulatory criteria.
- Redox conditions, pH, and presence of significant amounts of clay and iron are likely significant contributors to limiting the COC plume movement based on field observations and analytical results.
- Given the non-transmissive nature of sediments in the vicinity of the Site, the possibility of supply wells intercepting impacted water from the facility is negligible.

Metals concentrations reported for the August 2013 sampling event did not deviate significantly from predicted concentrations. Fluctuations in COC concentrations and slight spatial variances over time should be expected as a result of variations in rainfall (recharge).

6.3 PRELIMINARY RISK ASSESSMENT BASED ON MODELING RESULTS

Based on the Site conditions, modeling results provide another line of evidence that the potential risk of impact to the identified receptors by metal impacted groundwater underlying former FFF property is relatively low. The primary potential receptors are human exposure, Okapilco Creek, and groundwater.

The following factors limit the risk to the receptors:

1. The contaminants of concern, metals, are contained within a confining unit and not traditional aquifer system. Transport through the low permeability materials is very limited.
2. The confining unit sediments are hundreds of feet thick beneath the Site.
3. No off-site impacts to groundwater are expected based on modeling results.
4. The water-bearing layers within the confining unit are considered to be thin and not laterally extensive.
5. Transport of the contaminant is limited primarily to the Site based on more than 10 years of sampling results.
6. Concentrations are being affected by the retardation processes, which tend to limit COC mobility.
7. Recharge to the Floridan aquifer locally is considered to be extremely low to non-existent in the vicinity of the Site.

Impacts to receptors are ranked as follows:

Groundwater within Upper Confining Unit – *Low*. Source removal, including excavation and treatment of soils, was completed for the former sulfuric acid plant area as of 2004 and groundwater sampling in this area indicates source removal was effective. It is possible that isolated impacted residual soils exist within the footprint of the former waste water ponds in the south-central portion of the site and will be evaluated with the Supplemental Soil Assessment (**Attachment 3**). Current plume conditions can otherwise likely be explained as the residual of 50 + years of source leaching in the shallow groundwater. Simulations show that current conditions projected forward 100 years predict that the plume is stable and does not travel off-site.

Groundwater within the Floridan Aquifer – *Extremely Low*. No impact is expected to the Floridan aquifer, the primary drinking water supply, due to the hydrogeologic setting that exhibits a thick confining unit overlying the aquifer and limits the recharge potential from the confining unit to the aquifer in this area.

Okapilco Creek – *Extremely Low.* Although it may be possible for groundwater from the regional confining unit to discharge to the creek, there is an extremely low probability of transport of impacted groundwater reaching the creek at concentrations that would exceed the surface water regulatory criteria.

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TABLES

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

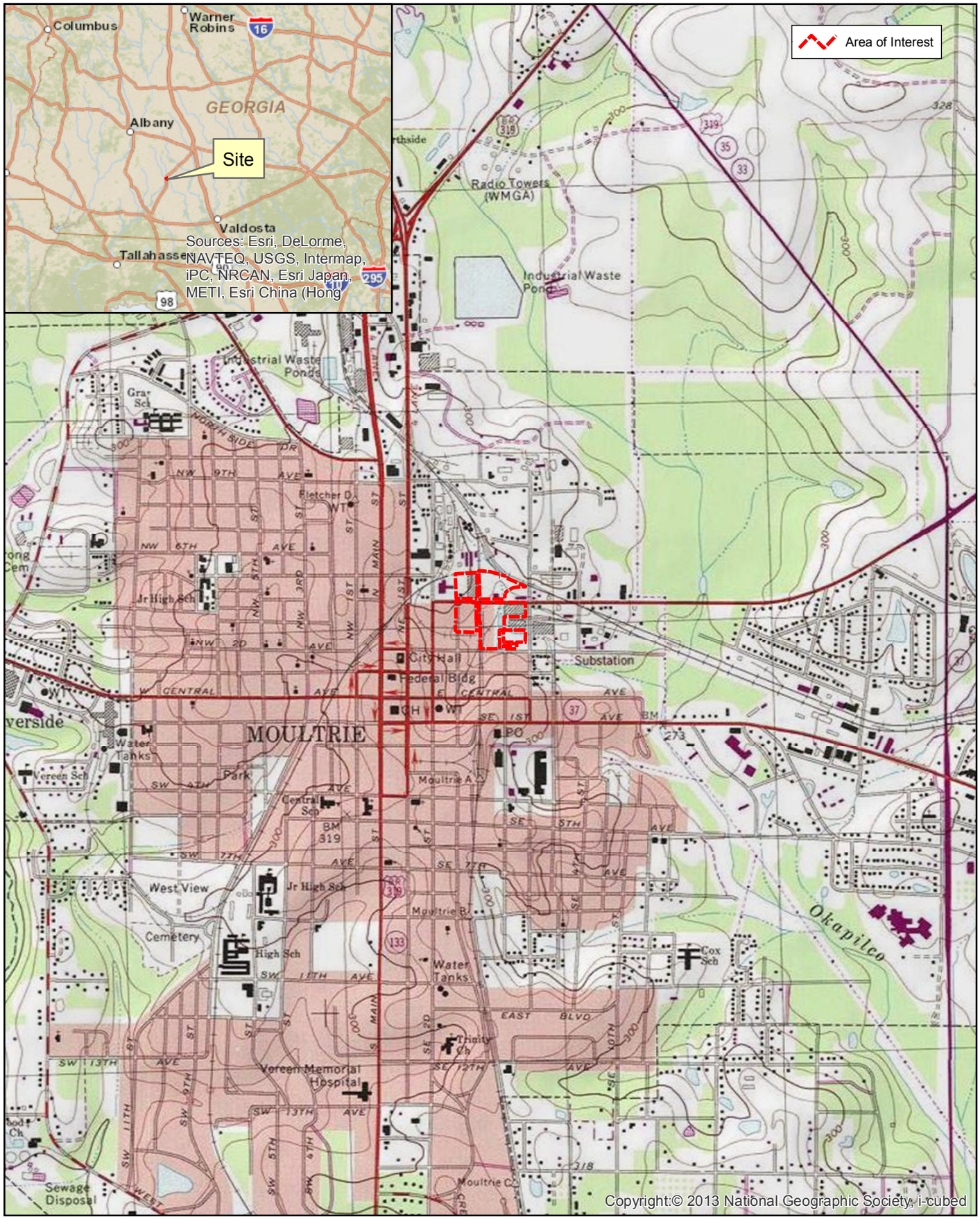
Well ID	Installation Date	Outer Casing Diameter	Well Diameter	Ground Surface Elevation (MSL)	Top of Casing Elevation (MSL)	Stick-up (ft als)	Well Depth (ft bls)	Screen Interval Depth (ft bls)	Screen Elevation (MSL)	Water Bearing Zone
MW-1S-R	10/27/2006	NA	2-INCH	292.86	295.54	2.68	12	2 - 12	290.86 -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

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

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

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

FIGURES



Former Farmers Favorite Fertilizer Site

Moultrie, Georgia

URS

Tallahassee

March 2013

2,000 1,000 0 2,000 Feet

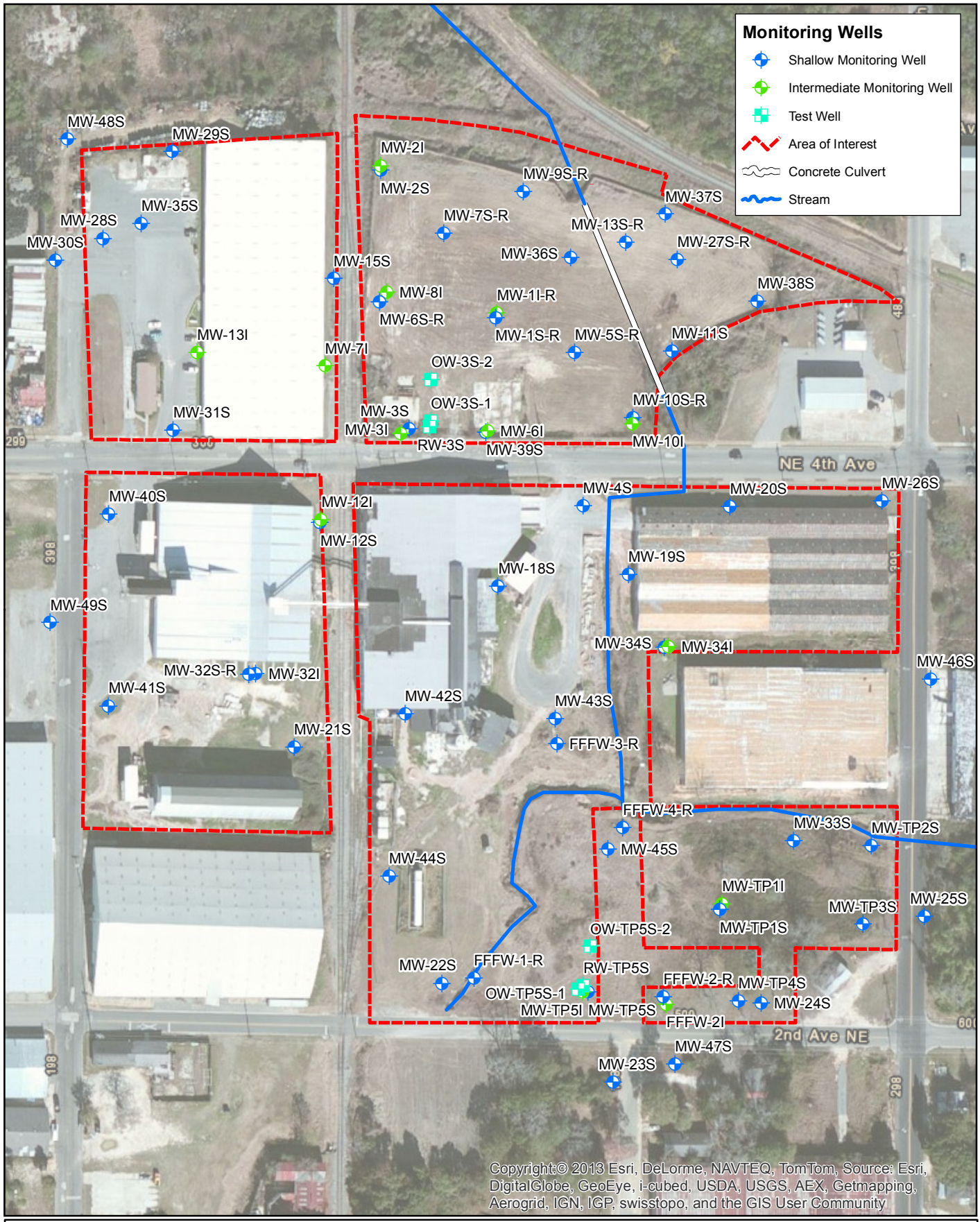
Coordinate System: Georgia Stateplane West, NAD 83, Feet

Figure 1

Site Location

C. Beauvais

G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\VIRP_model\figure01_site_loc.mxd



Former
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Fertilizer Site

Moultrie, Georgia

URS
Tallahassee

March 2013

200 100 0 200 Feet

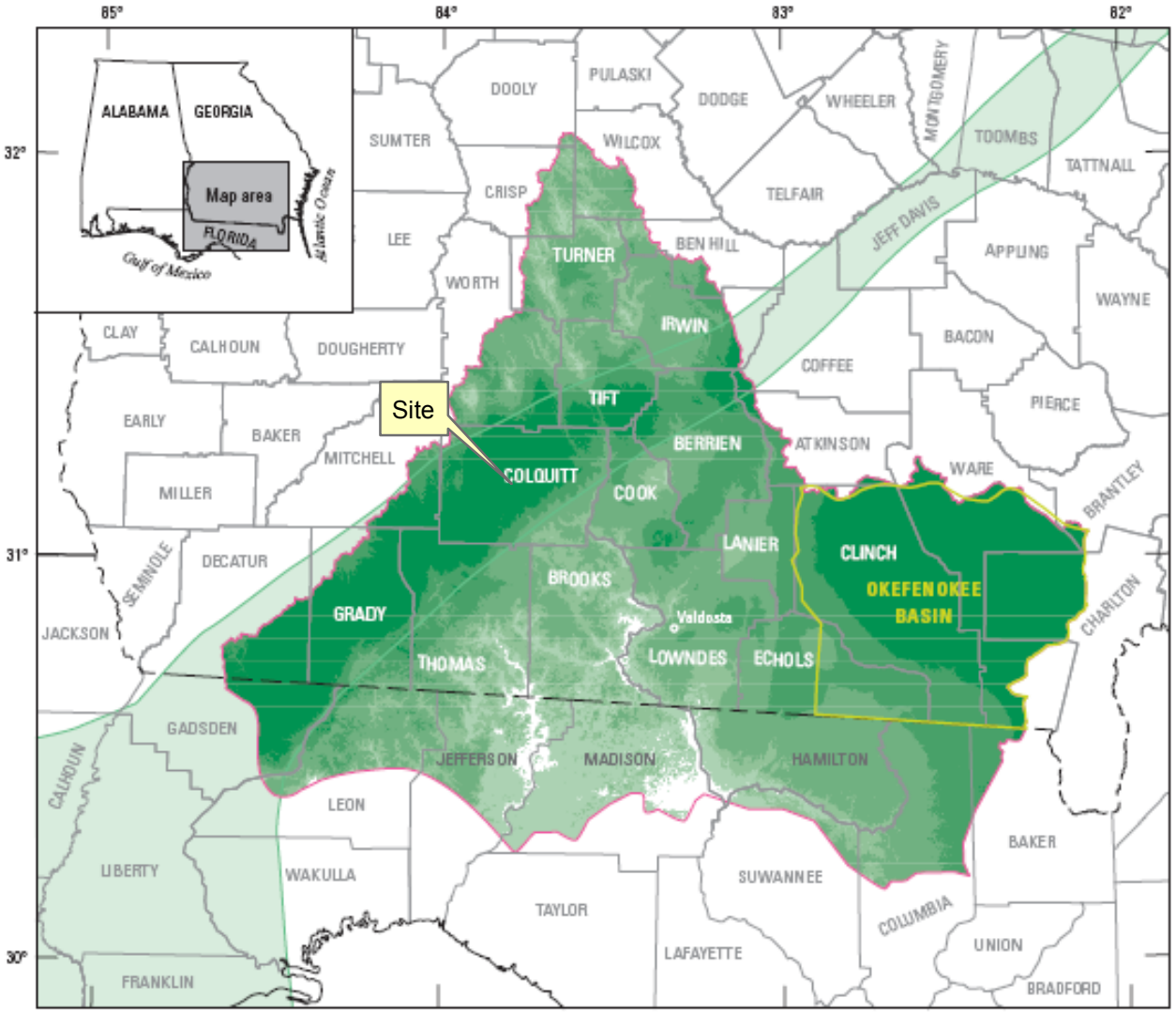
Coordinate System: Georgia Stateplane West, NAD 83, Feet

Figure 2

Monitoring Wells and
Site Layout

C. Beauvais

G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\VIRP_model\figure02_site_layout.mxd



Base from U.S. Geological Survey
1:100,000-scale digital data

0 10 20 30 40 50 MILES
0 10 20 30 40 50 KILOMETERS

EXPLANATION

Overburden thickness, in feet*	Potential: Vertical leakage	Potential: Water exchange
Absent	N/A	High
Less than 50	High	High
50 to 100	Moderate	Moderate
100 to 200	Low	Low
200 to 300	Extremely low	Extremely low
Greater than 300	None	None

*Contains up to 50 feet of surficial aquifer system overlying upper semiconfining unit

N/A—Not applicable; direct recharge to Upper Floridan aquifer

None—No vertical leakage or water exchange

Approximate location of Gulf Trough–Apalachicola Embayment

Study area boundary

Former Farmers Favorite Fertilizer Site

Moultrie, Georgia

URS
Tallahassee

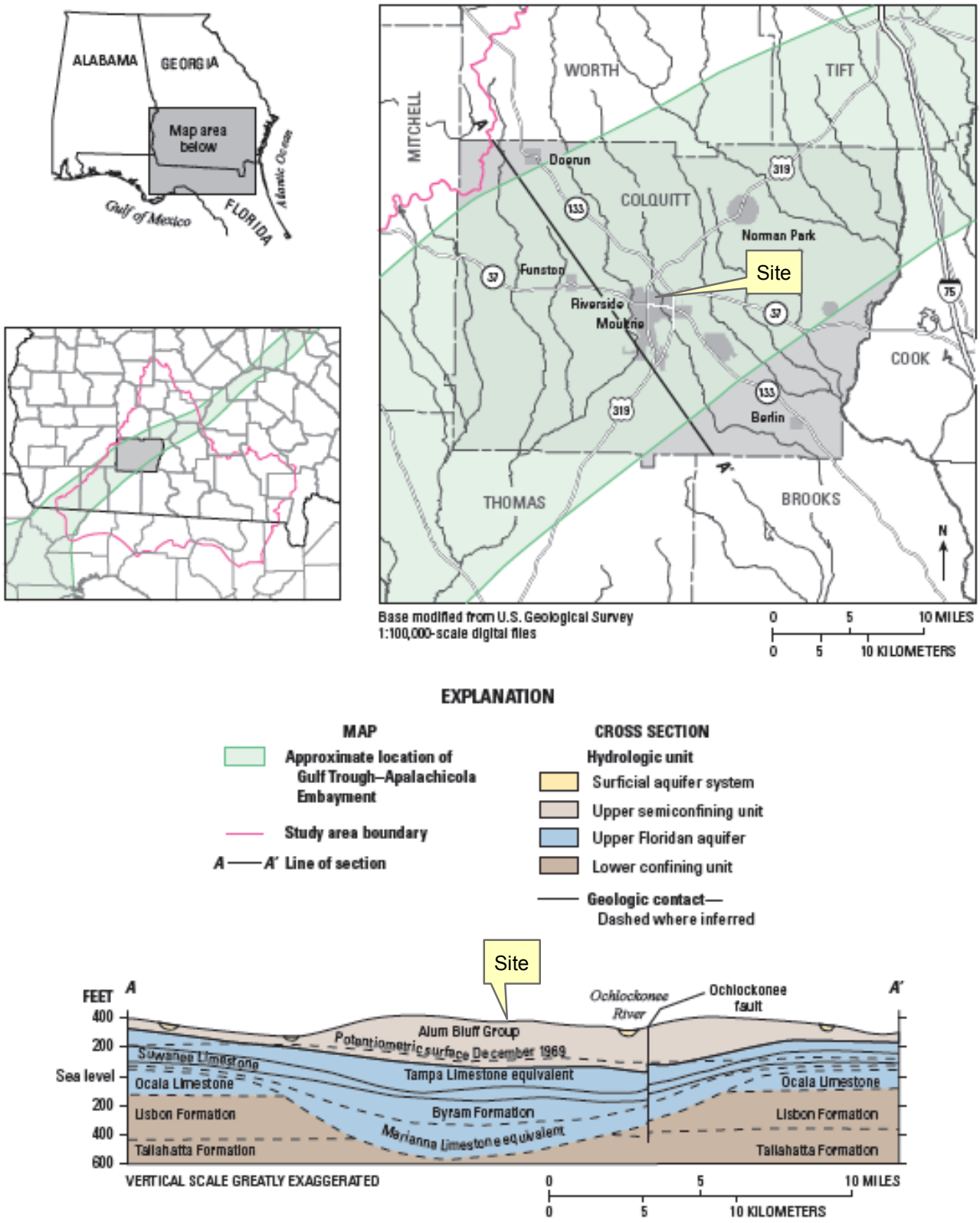
March 2013

Figure 3

Thickness of Sediments Overlying the Floridan Aquifer (Torak et al, 2010)

C. Beauvais

G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\VIRP_model\figure03_gulf_trough_embayment.mxd



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Moultrie, Georgia

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Tallahassee

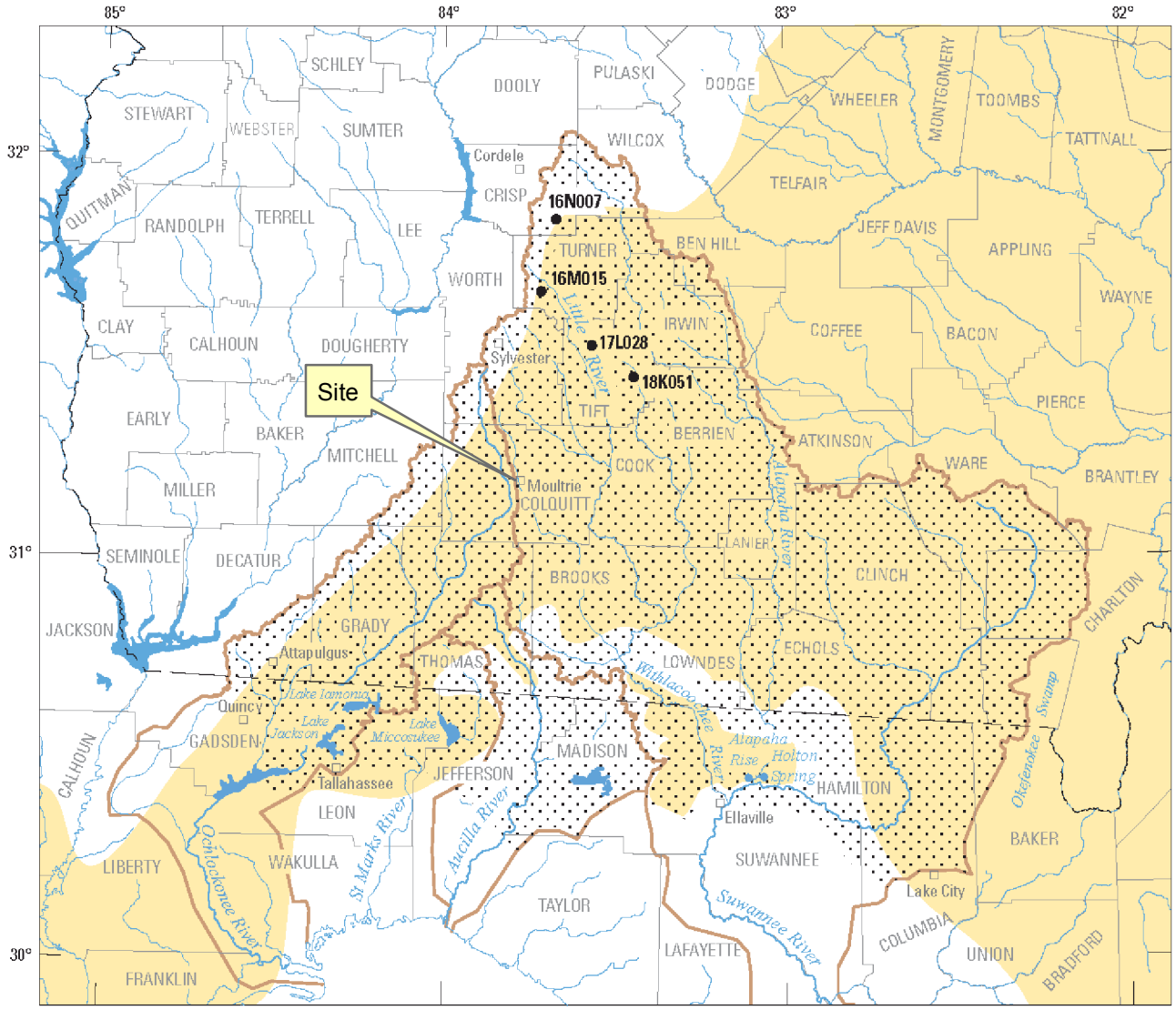
March 2013

Figure 4

Thickness of Sediments
Overlying the Floridan Aquifer
Colquitt County
(Torak et al, 2010)

C. Beauvais

G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\VIRP_model\figure04_gulf_trough_xsect.mxd



Base from U.S. Geological Survey
1:100,000-scale digital data

0 10 20 30 40 50 MILES

0 10 20 30 40 50 KILOMETERS

EXPLANATION

- Surficial aquifer
- Study area
- Basin boundary
- ●17L028 Surficial-aquifer well and site name

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Tallahassee

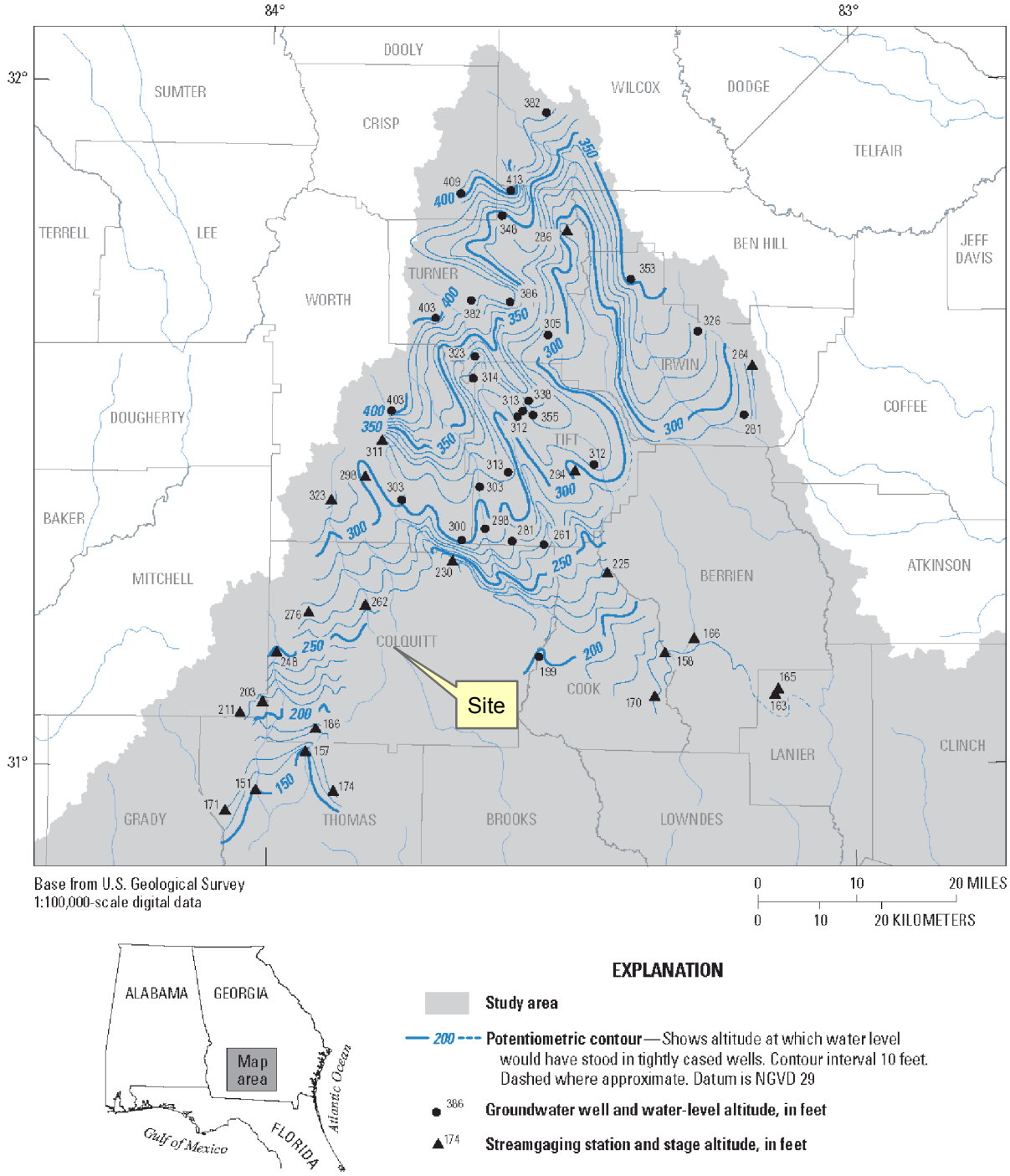
March 2013

Figure 5

Extent of
Surficial Aquifer
(Torak et al, 2010)

C. Beauvais

G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\VIRP_model\figure05_surfaquifer.mxd



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Tallahassee

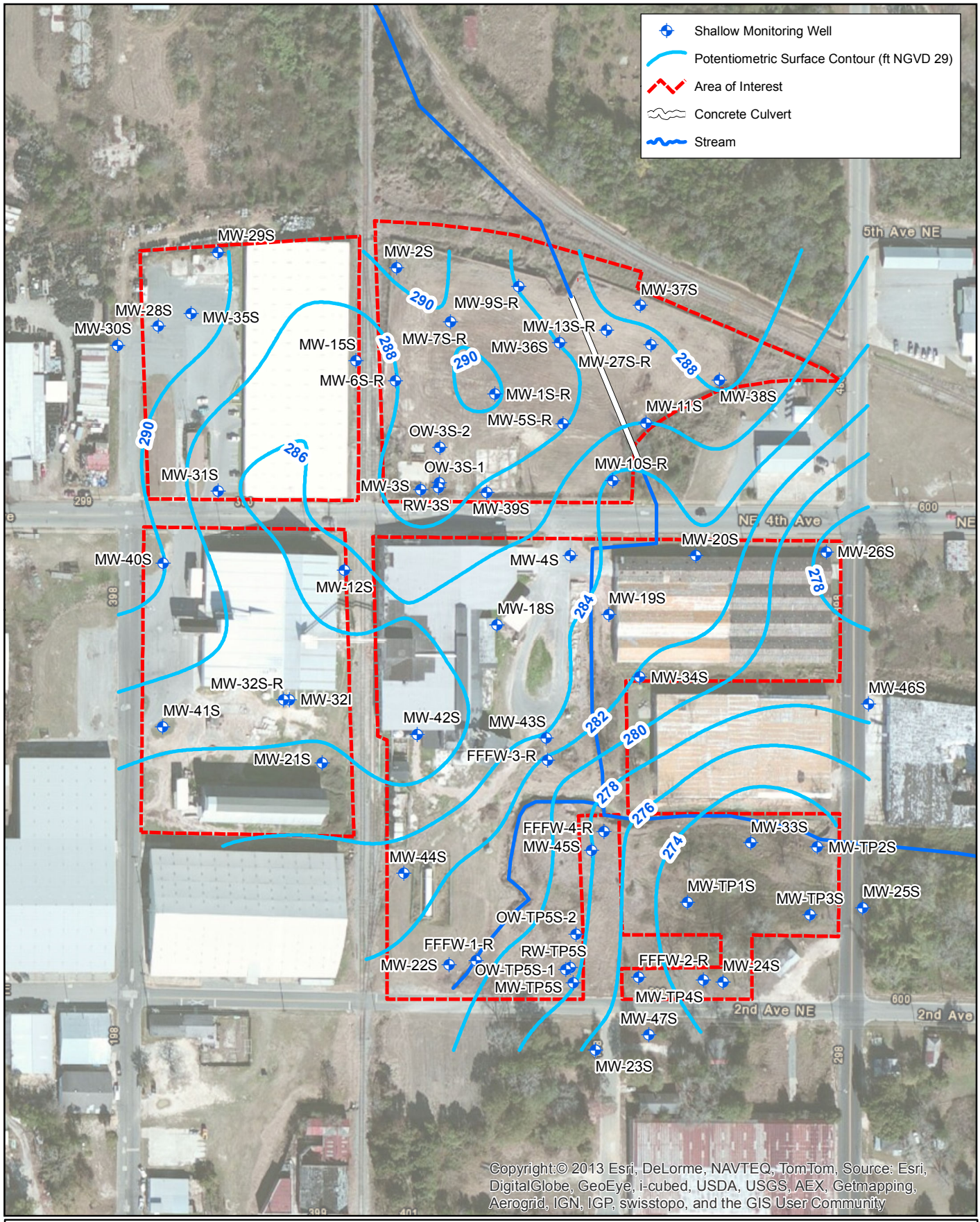
March 2013

Figure 6

Potentiometric Surface
Surficial Aquifer
(Torak et al, 2010)

C. Beauvais

G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\VIRP_model\figure06_surfaq_potsurf.mxd



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Fertilizer Site

Moultrie, Georgia

URS
Tallahassee

March 2013

200 100 0 200
Feet

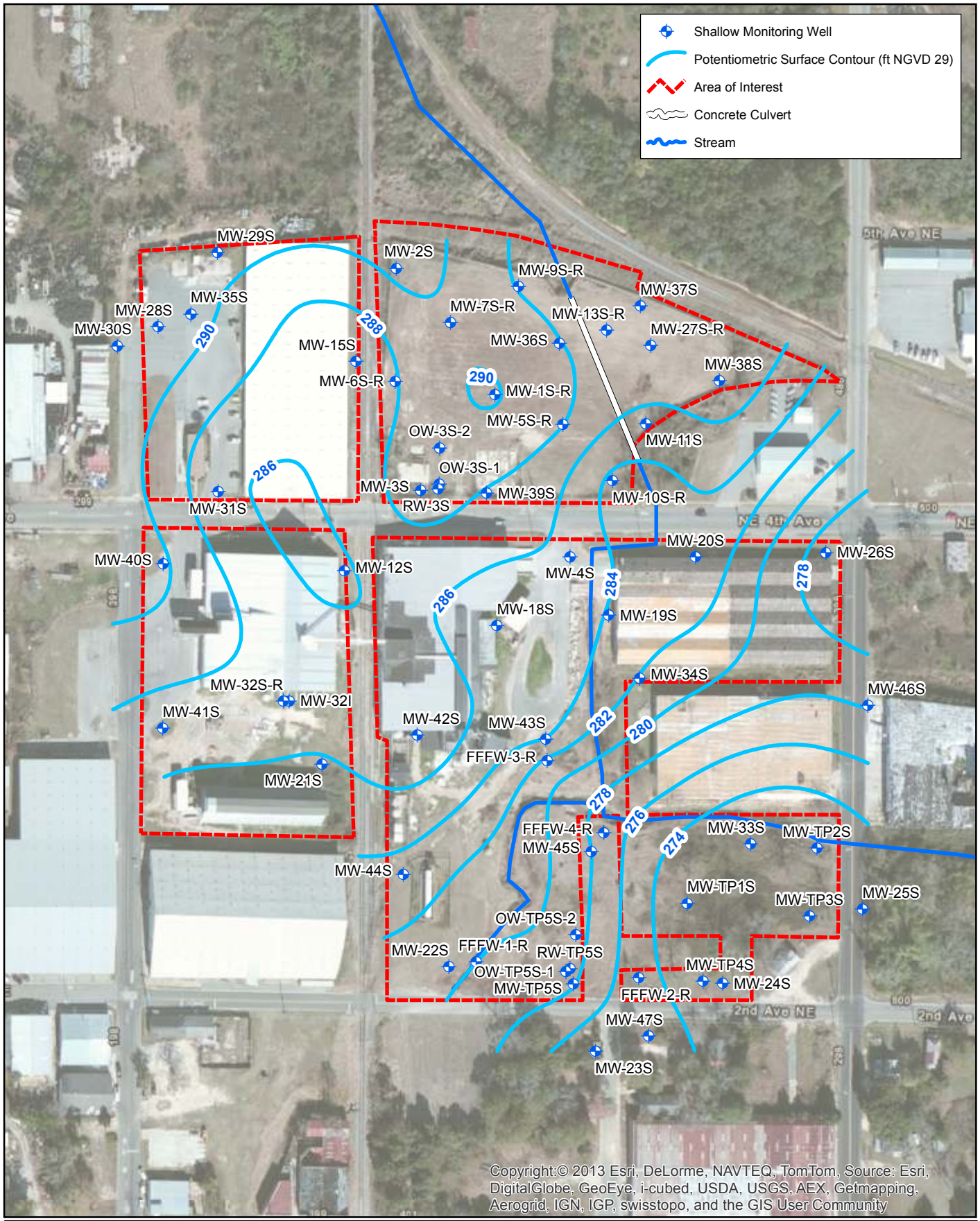
Coordinate System: Georgia Stateplane West, NAD 83, Feet

Figure 7

Potentiometric Surface
Surficial Aquifer
March 2012

C. Beauvais

G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\VIRP_model\figure07_2012_03_potsurf.mxd



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Moultrie, Georgia

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March 2013

200 100 0 200 Feet

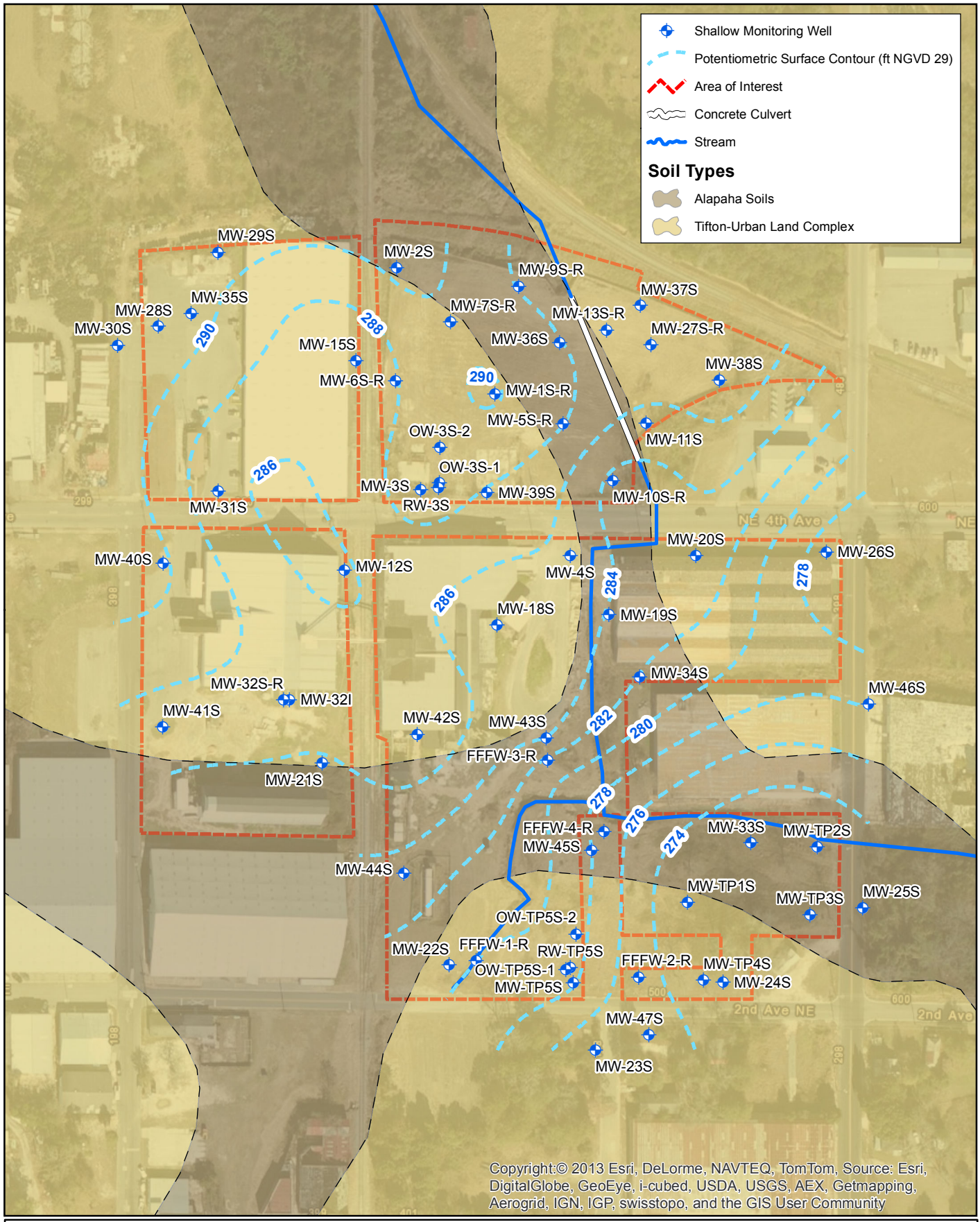
Coordinate System: Georgia Stateplane West, NAD 83, Feet

Figure 8

Potentiometric Surface
Surficial Aquifer
August 2012

C. Beauvais

G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\VIRP_model\figure08_2012_08_potsurf.mxd



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Fertilizer Site

Moultrie, Georgia

URS
Tallahassee

March 2013

200 100 0 200
Feet

Coordinate System: Georgia Stateplane West, NAD 83, Feet

Figure 9

NRCS Soils

C. Beauvais

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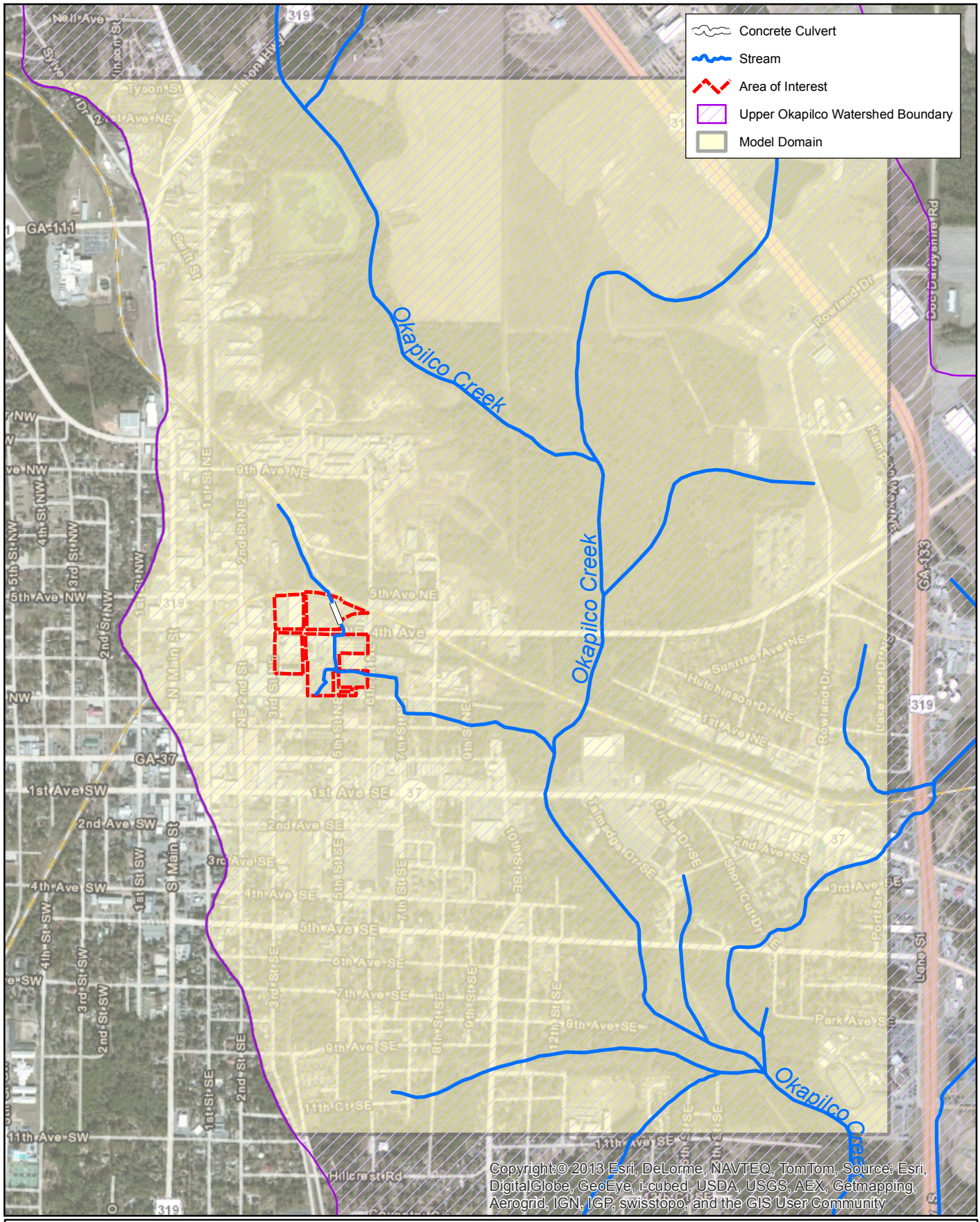

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Moultrie, Georgia

URS
Tallahassee

March 2013

1,500 750 0 1,500 Feet

Coordinate System: Georgia Stateplane West, NAD 83, Feet

Figure 10

Groundwater Model Domain

C. Beauvais

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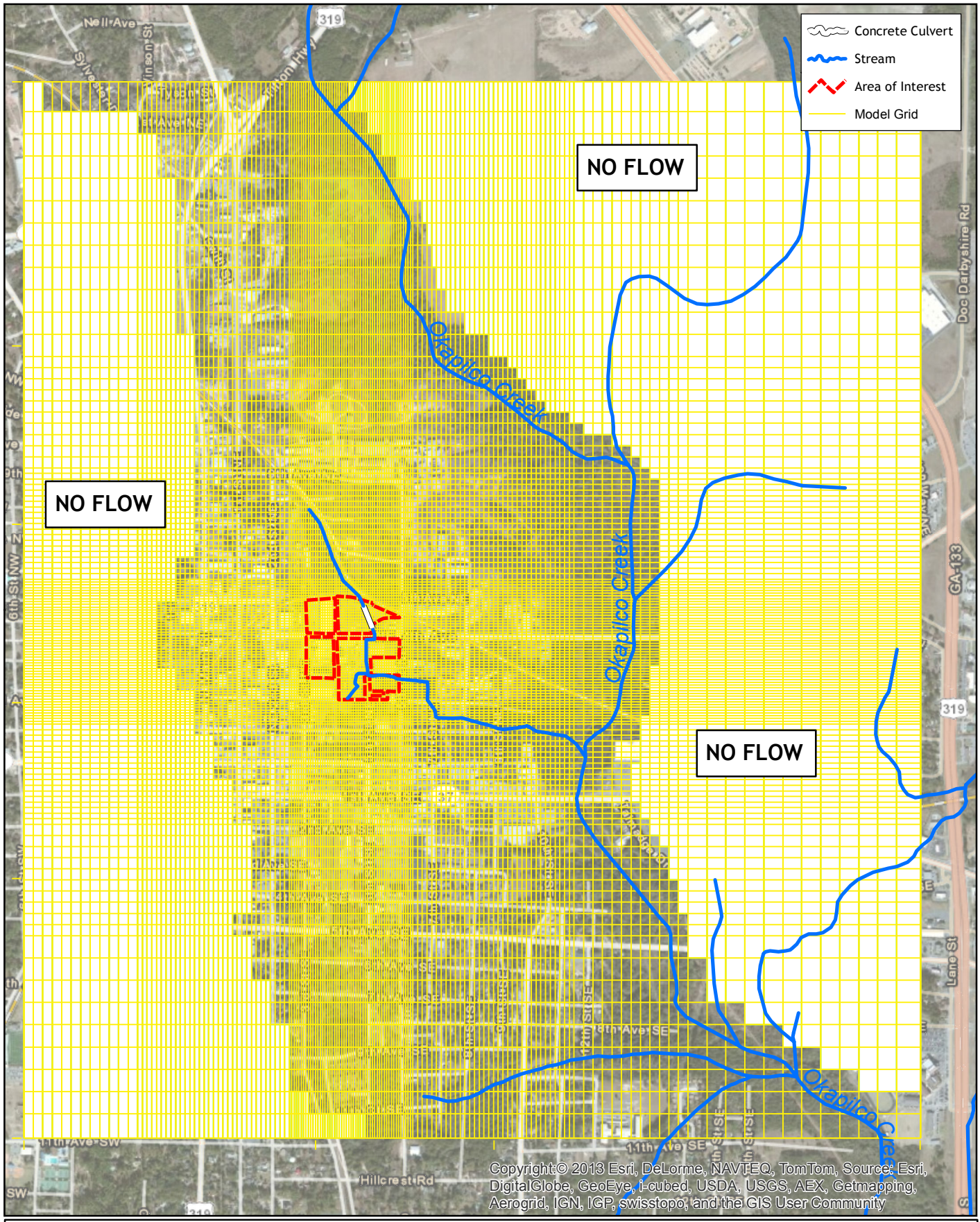

Former Farmers Favorite Fertilizer Site

Moultrie, Georgia

URS

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July 2013

1,500 750 0 1,500 Feet

Coordinate System: Georgia Stateplane West, NAD 83, Feet

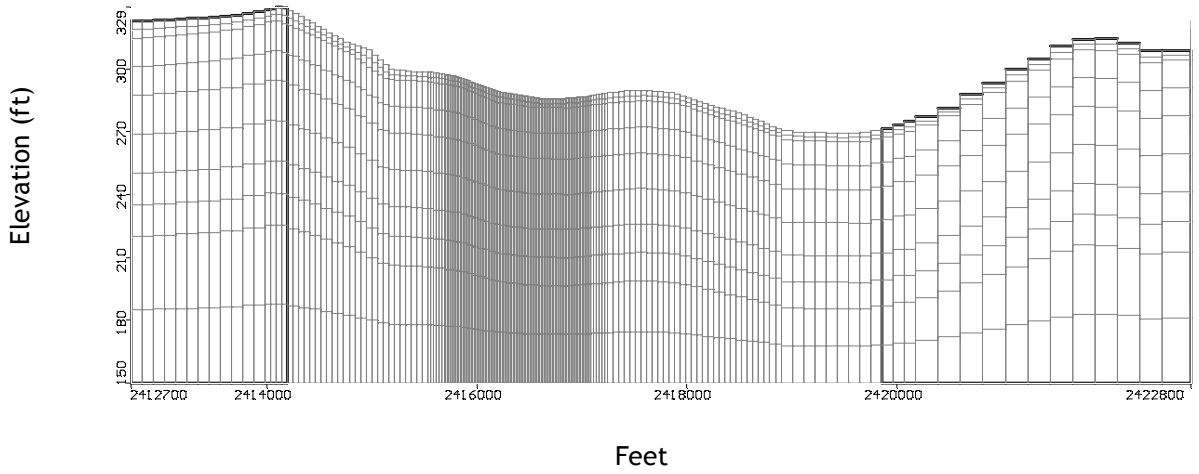
Figure 11

Groundwater Model Domain

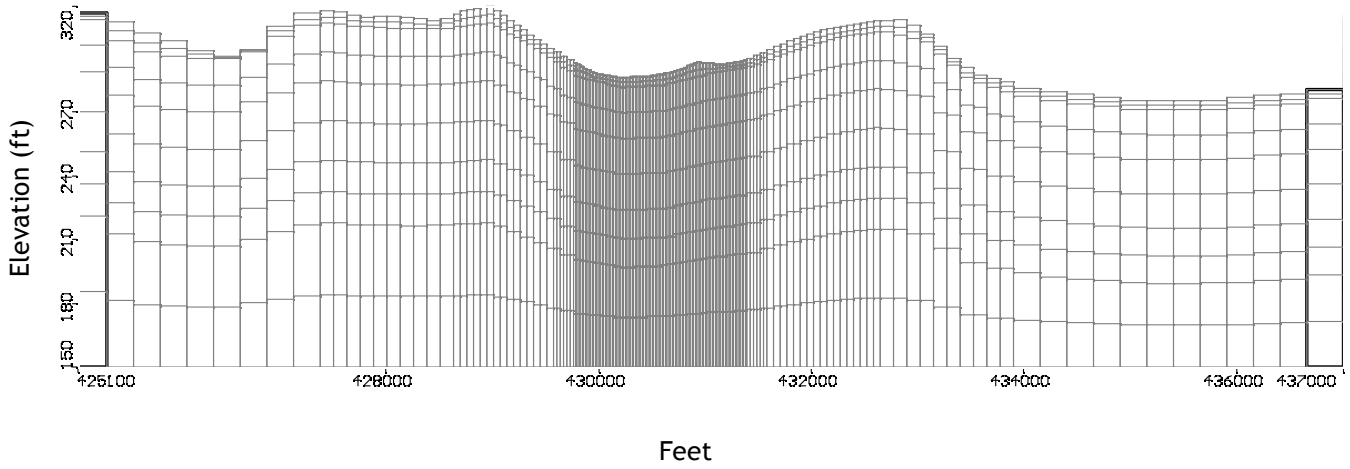
C. Beauvais

G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\VIRP_model\figure11_model_grid.mxd

West East

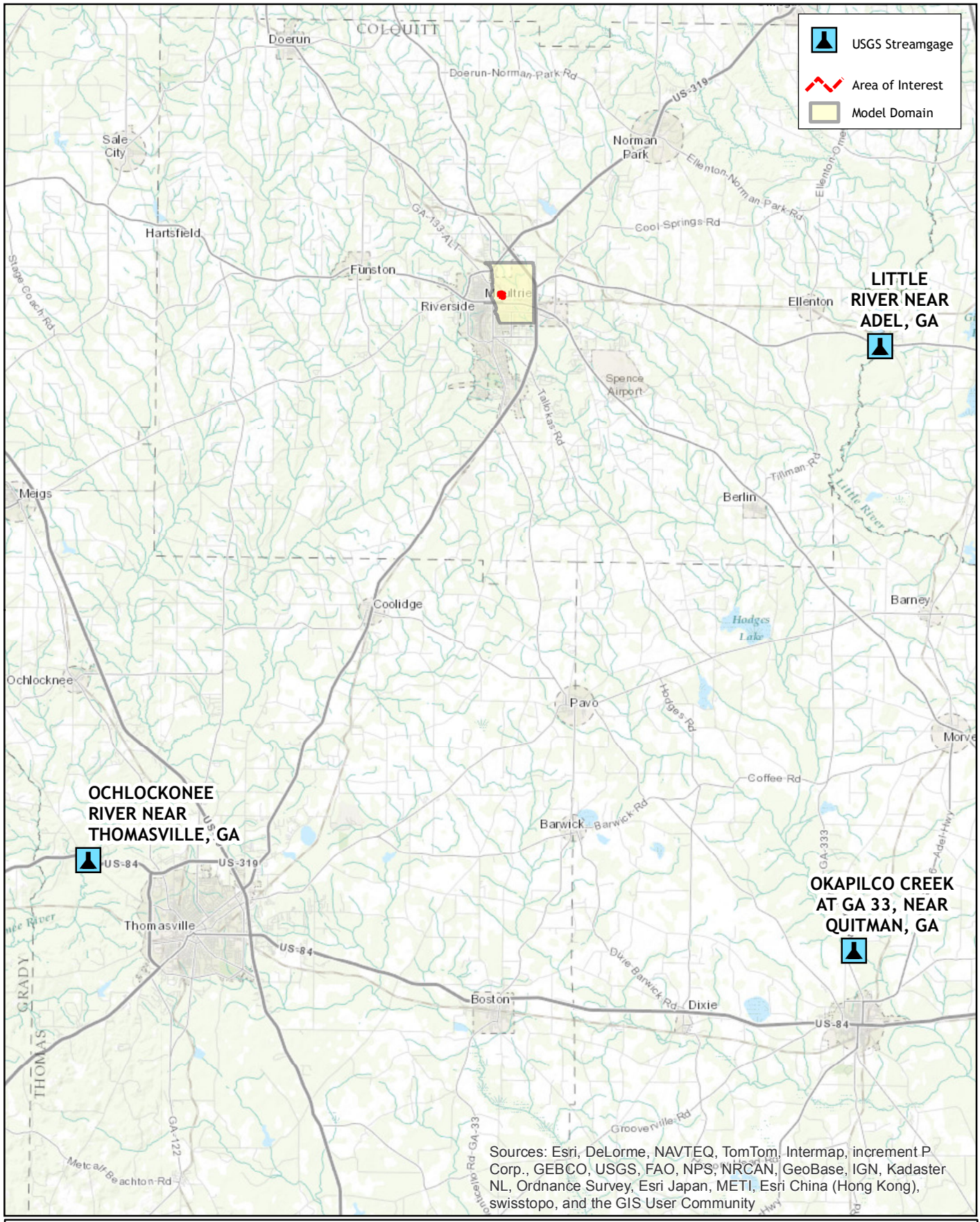


South North



Former Farmers Favorite Fertilizer Site Moultrie, Georgia	URS Tallahassee July 2013	Vertical Exaggeration 20x Coordinate System: Georgia Stateplane West, NAD 83, Feet	Figure 12 Representative Model Cross Sections

C. Beauvais G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\VIRP_model\figure12_model_xsect.mxd



Former Farmers Favorite Fertilizer Site

Moultrie, Georgia

URS

Tallahassee

July 2013

5 2.5 0 5 Miles

Coordinate System: Georgia Stateplane West, NAD 83, Feet

Figure 13

USGS Stream Gage Locations

C. Beauvais

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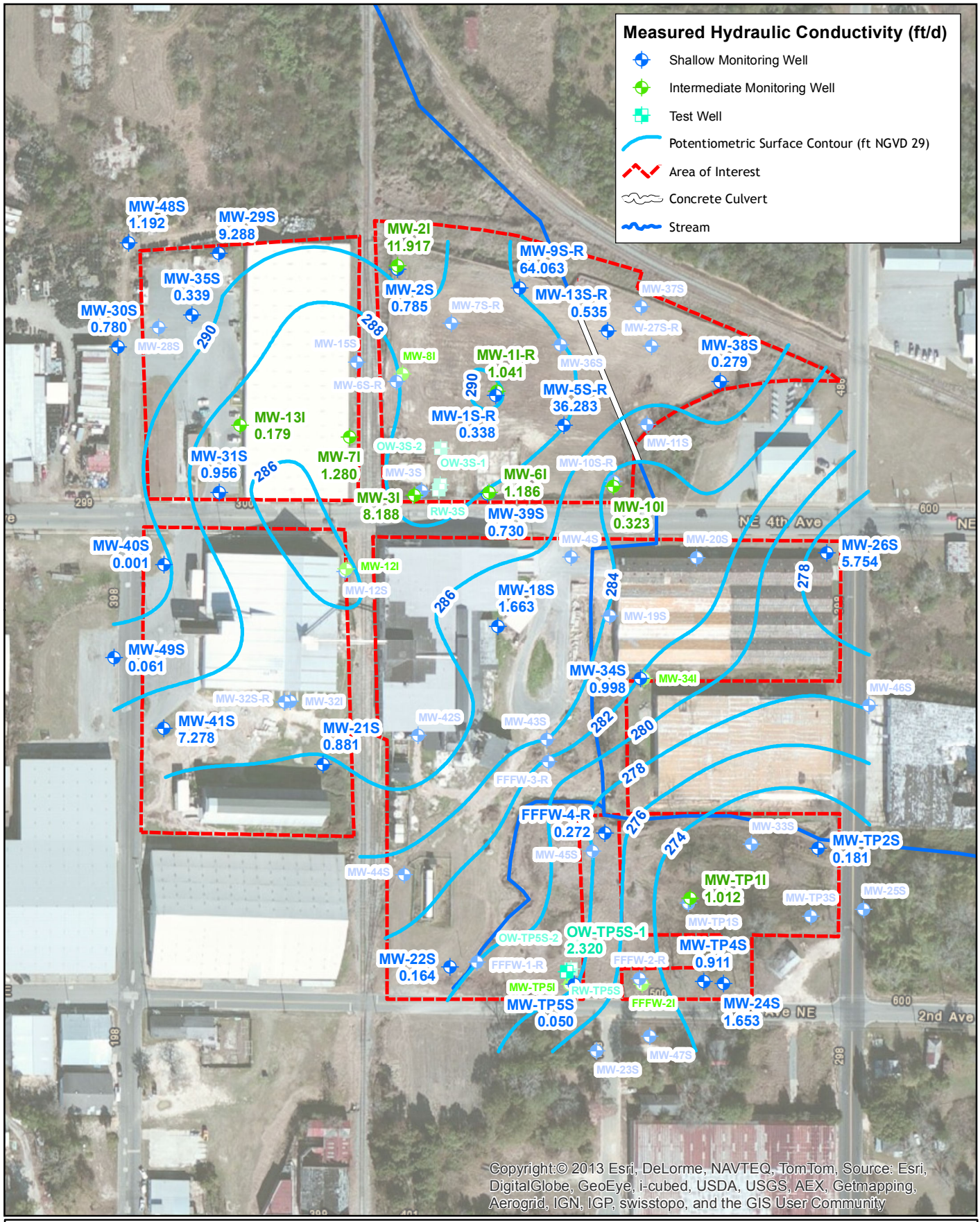

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Moultrie, Georgia

URS

Tallahassee

August 2013

200 100 0 200 Feet

Coordinate System: Georgia Stateplane West, NAD 83, Feet

Figure 14

Hydraulic Conductivity Values

C. Beauvais

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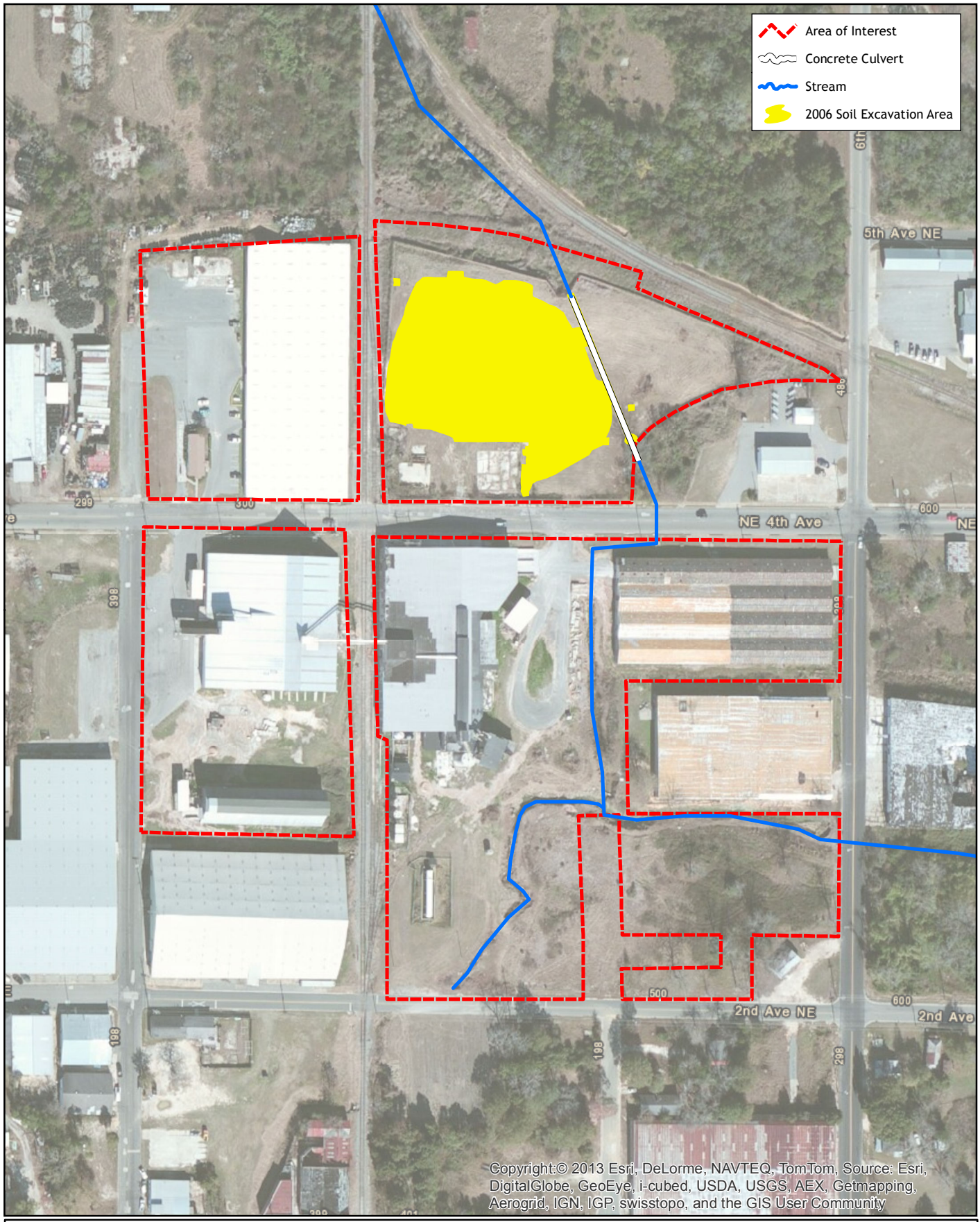

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Moultrie, Georgia

URS
Tallahassee

August 2013

200 100 0 200 Feet

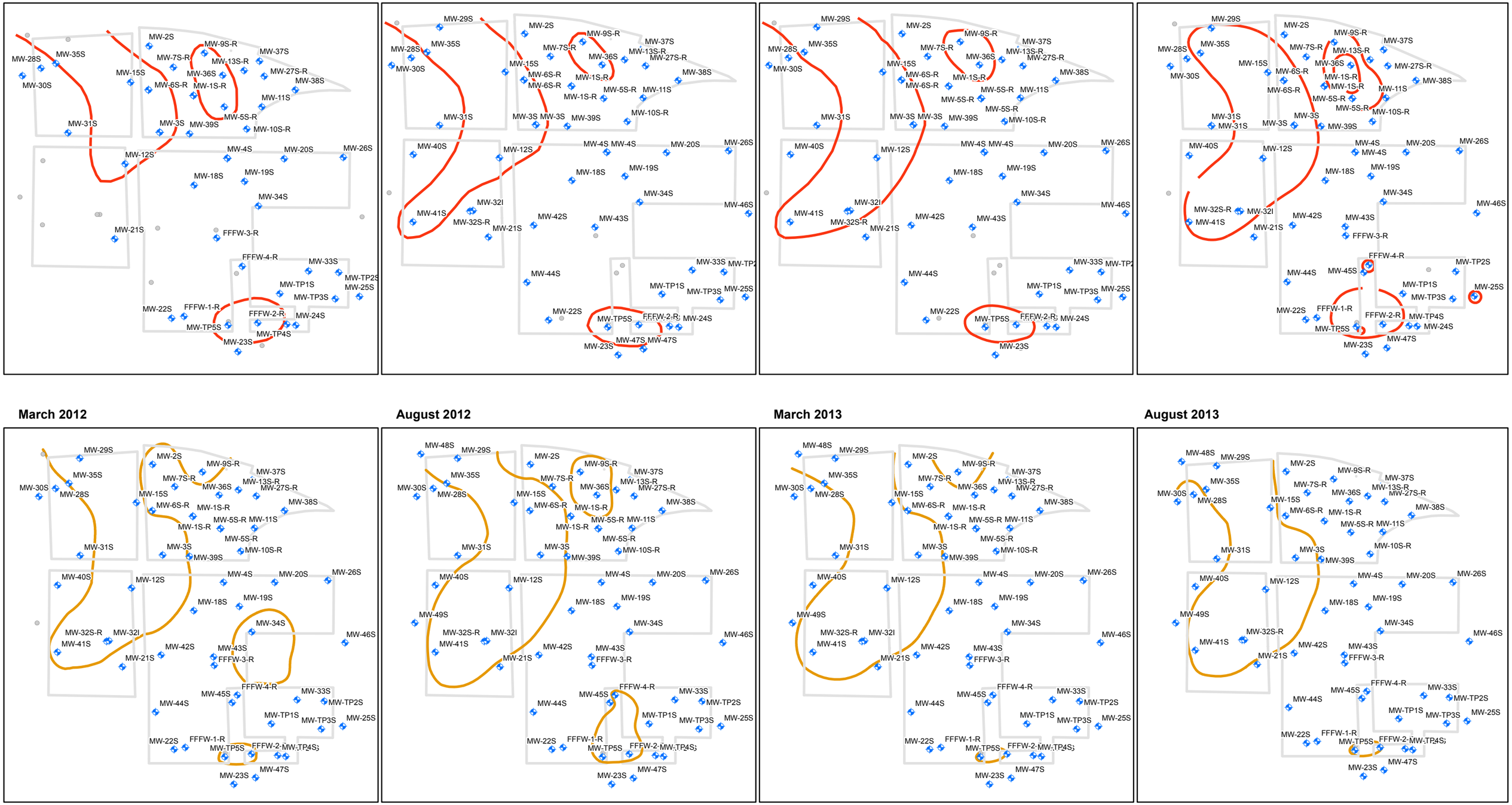
Coordinate System: Georgia Stateplane West, NAD 83, Feet

Figure 15

Lead Impacted Soil
Excavation Area

C. Beauvais

G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\VIRP_model\figure15_soil_excavation.mxd



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Moultrie, Georgia

URS

Tallahassee

August 2013

350 175 0 350
Feet

Coordinate System: Georgia Stateplane West, NAD 83, Feet

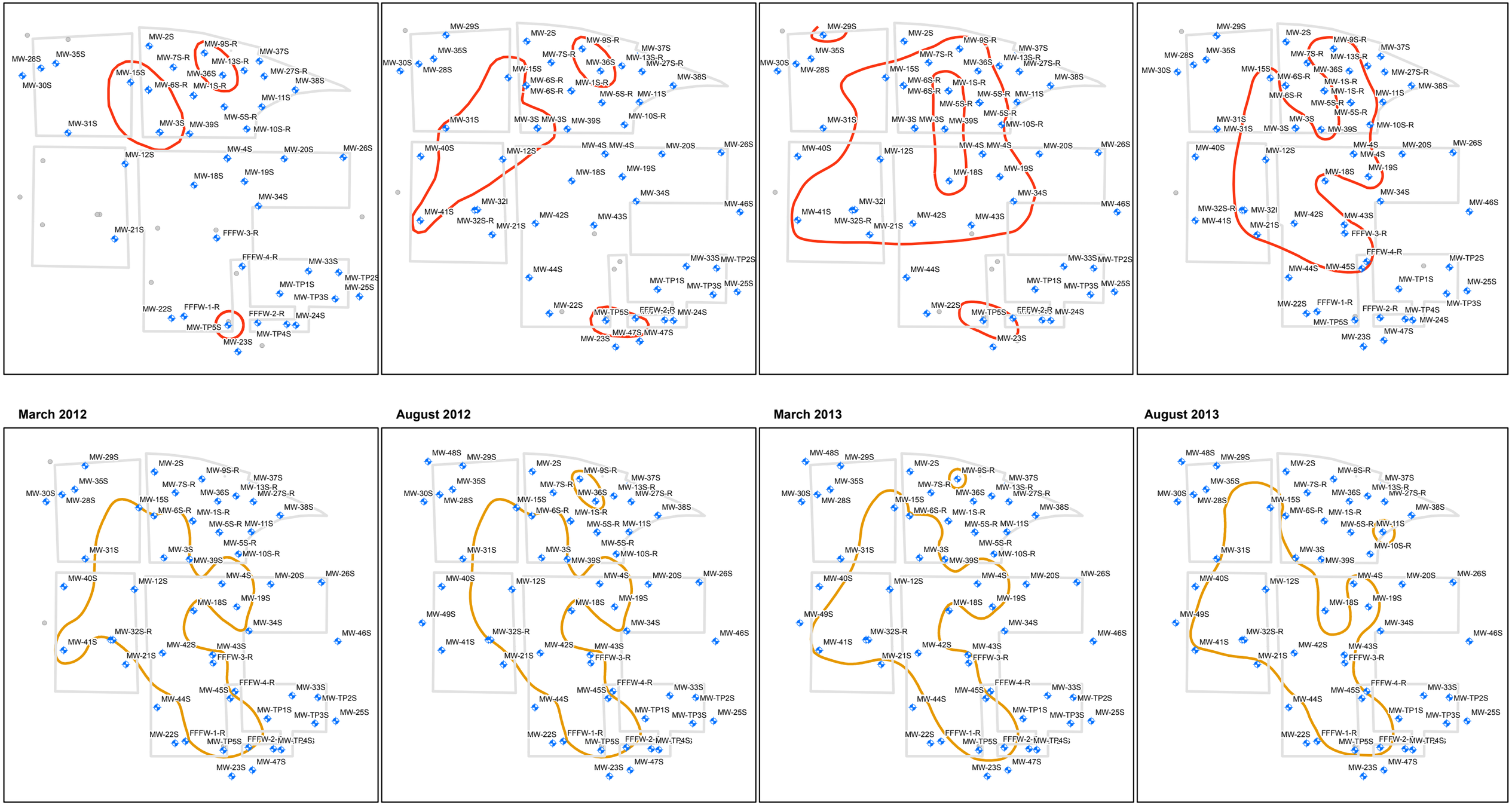
- Shallow Monitoring Well
- Intermediate Monitoring Well
- Test Well
- Well Not Installed
- Lead Delineation (URS)
- Lead Delineation (Golder)
- Approximate Parcel Boundary

Figure 16

Extent of Lead in Groundwater
Exceeding 0.015 mg/L
(2009 - 2013)

C. Beauvais

G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\VIRP_model\figure16_historical_lead.mxd



Former
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Fertilizer Site

Moultrie, Georgia

URS

Tallahassee

August 2013

350 175 0 350 Feet

Coordinate System: Georgia Stateplane West, NAD 83, Feet

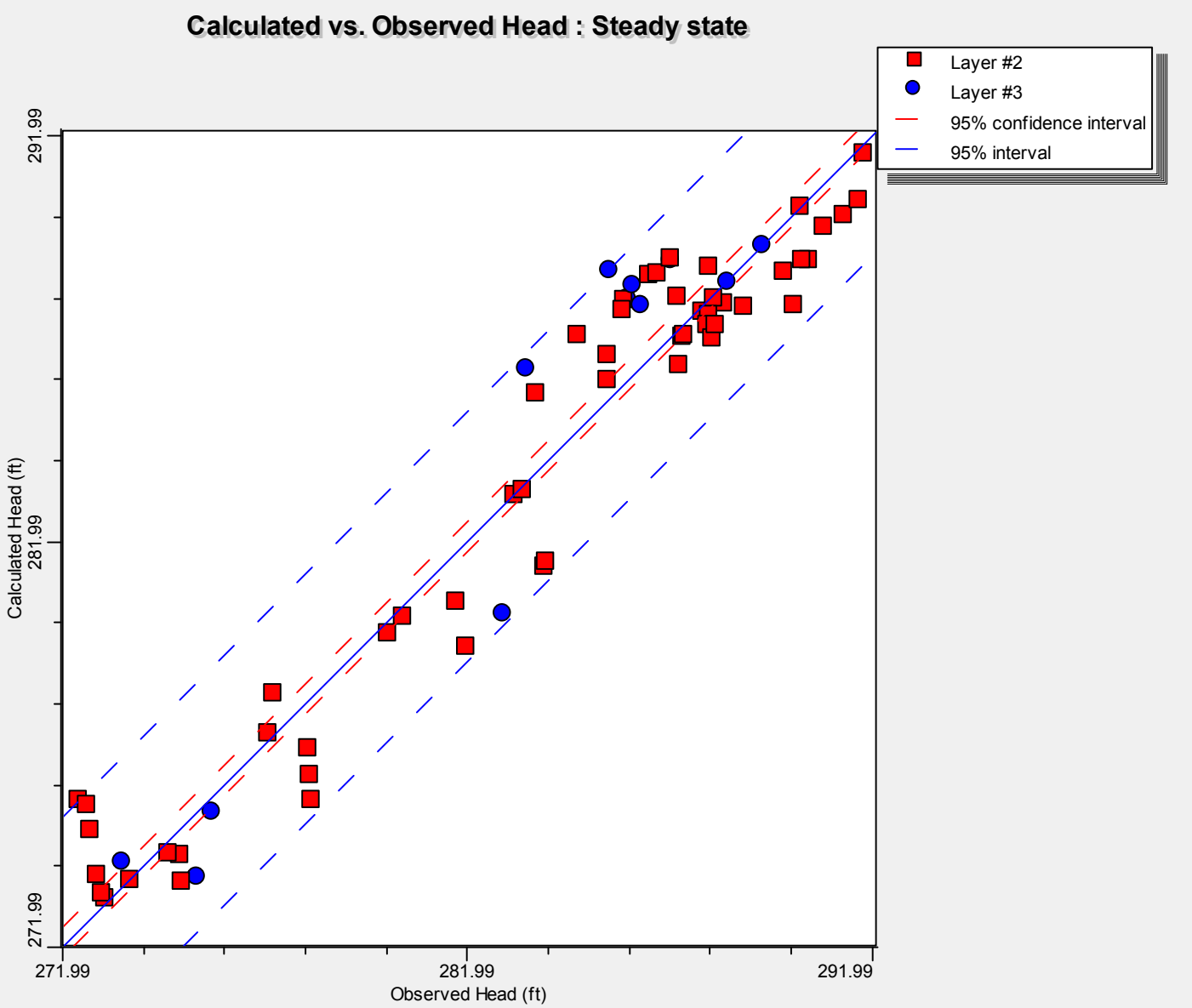
- Shallow Monitoring Well
- Intermediate Monitoring Well
- Test Well
- Well Not Installed
- Arsenic Delineation (URS)
- Approximate Parcel Boundary
- Arsenic Delineation (Golder)

Figure 17

Extent of Arsenic in Groundwater
Exceeding 0.010 mg/L
(2009 - 2013)

C. Beauvais

Document Path: G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\VIRP_model\figure17_historical_arsenic.mxd



Max. Residual: 3.269 (ft) at MW-33S/A
Min. Residual: -0.012 (ft) at MW-49S/A
Residual Mean : 0.122 (ft)
Abs. Residual Mean : 1.214 (ft)

Num. of Data Points : 66
Standard Error of the Estimate : 0.189 (ft)
Root Mean Squared : 1.528 (ft)
Normalized RMS : 7.895 (%)
Correlation Coefficient : 0.967

Former
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Fertilizer Site

Moultrie, Georgia

URS
Tallahassee

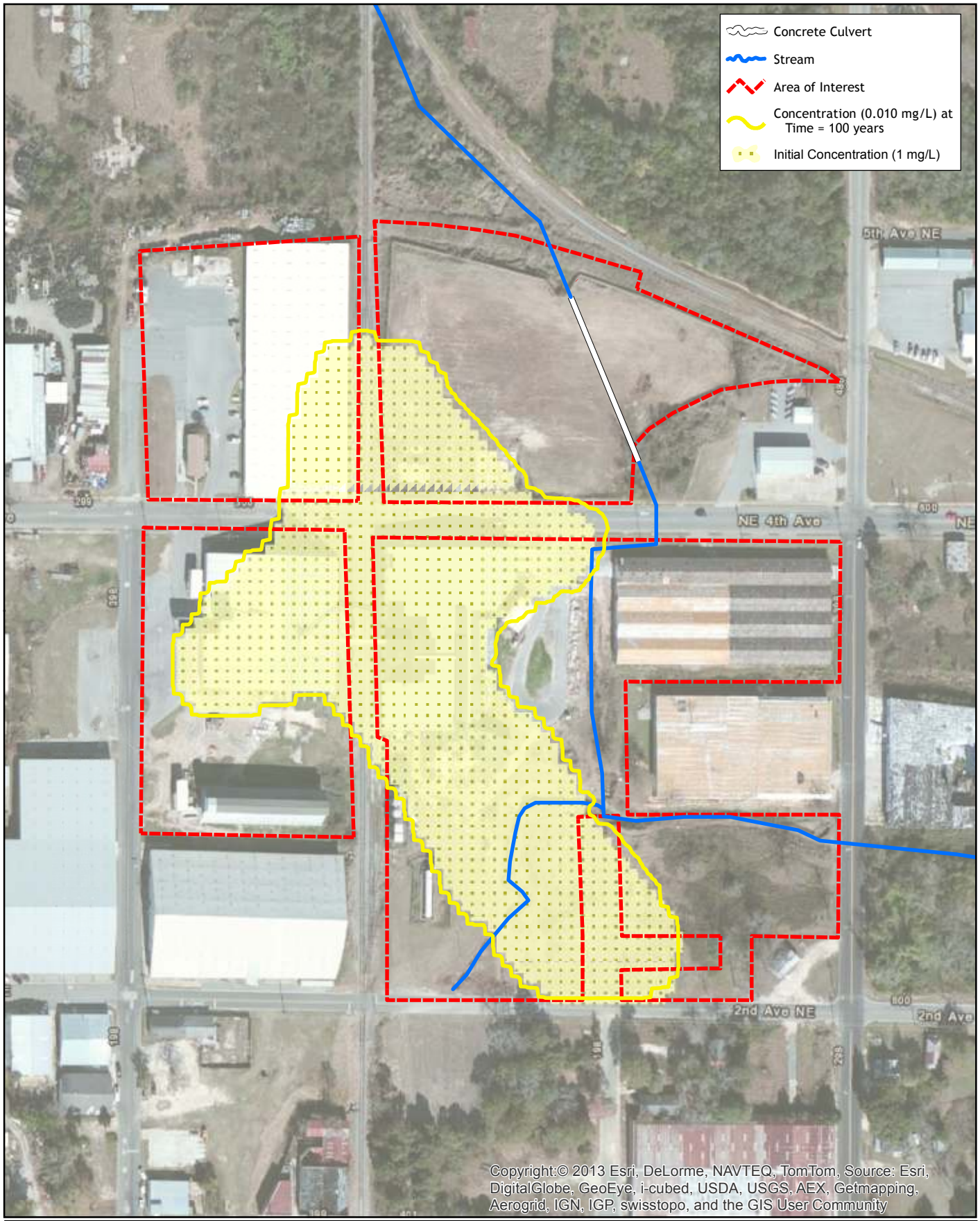
August 2013

Figure 18

Preliminary Flow
Calibration

C. Beauvais

G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\VIRP_model\figure18_flow_cal.mxd



Former Farmers Favorite Fertilizer Site

Moultrie, Georgia

URS
Tallahassee

February 2014

200 100 0 200 Feet

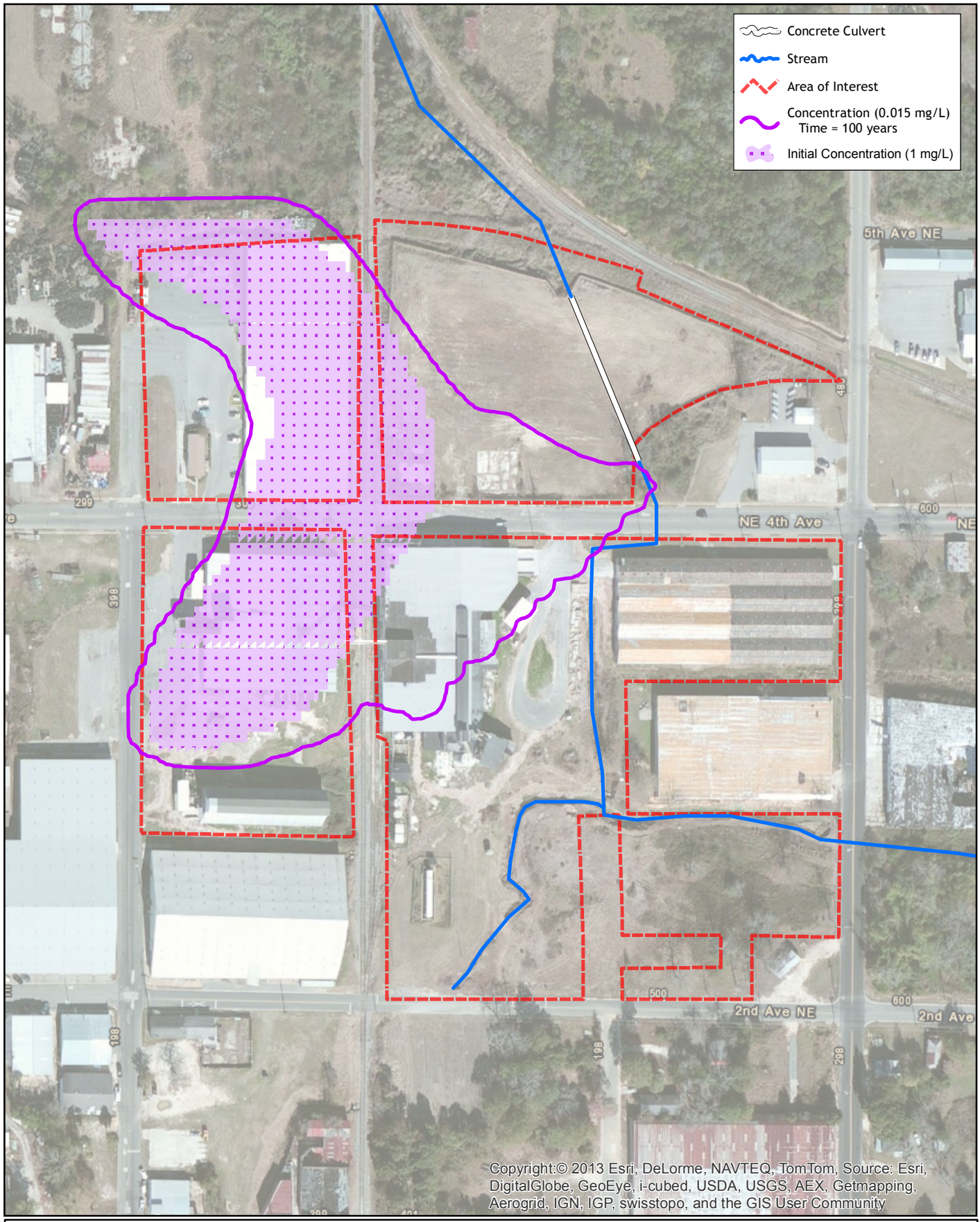
Coordinate System: Georgia Stateplane West, NAD 83, Feet

Figure 19

Extent of Arsenic Simulation Time of 100 years

C. Beauvais

G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\VIRP_model\figure19_Asmodel_results.mxd



Former
Farmers Favorite
Fertilizer Site

Moultrie, Georgia

URS
Tallahassee

February 2014

200 100 0 200 Feet

Coordinate System: Georgia Stateplane West, NAD 83, Feet

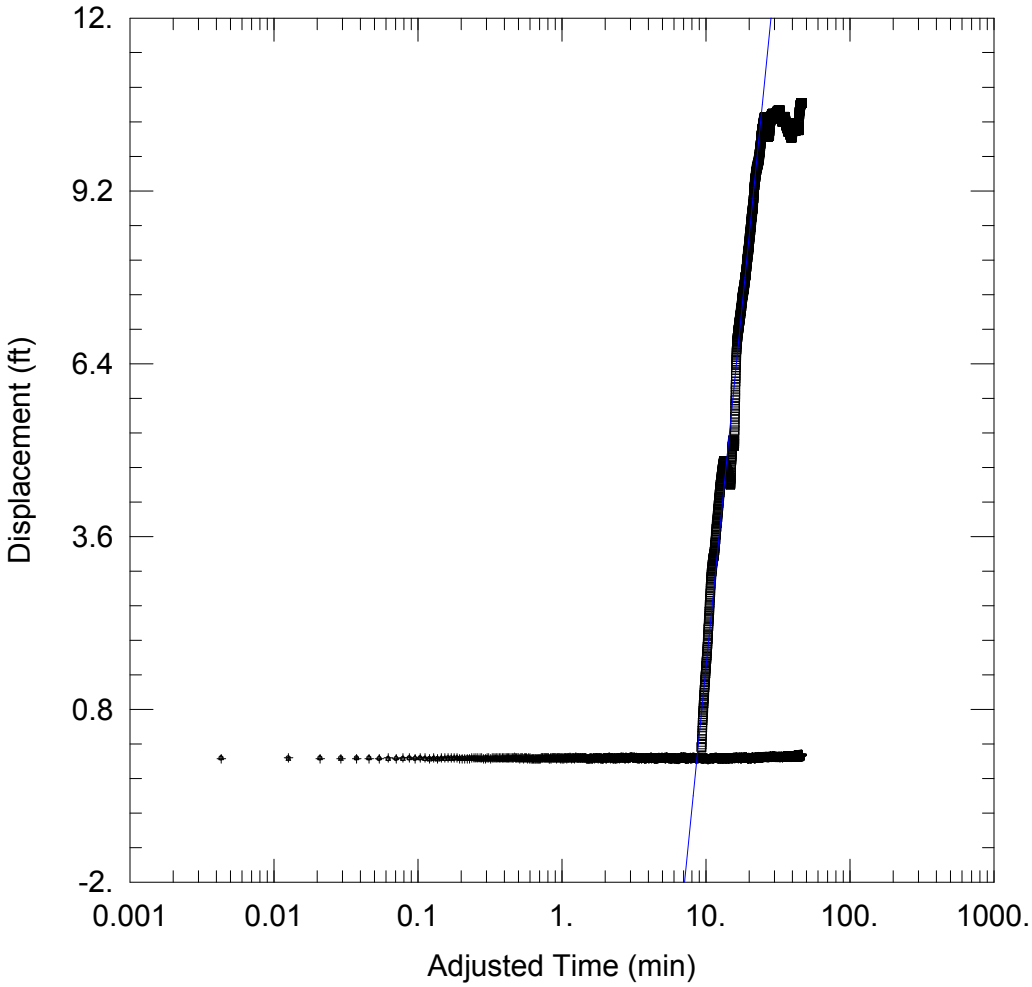
Figure 20

Extent of Lead
Simulation Time of
100 years

C. Beauvais

G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\VIRP_model\figure20_Pbmodel_results.mxd

APPENDIX A



WELL TEST ANALYSIS

Data Set: S:\...\MWTP5S.aqt
Date: 02/14/14 Time: 07:59:19

PROJECT INFORMATION

Company: URS
Client: PCS
Location: Moultrie, GA
Test Well: MWTP5S
Test Date: 4/18/2013

AQUIFER DATA

Saturated Thickness: 10. ft Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
MWTP5S	0	0

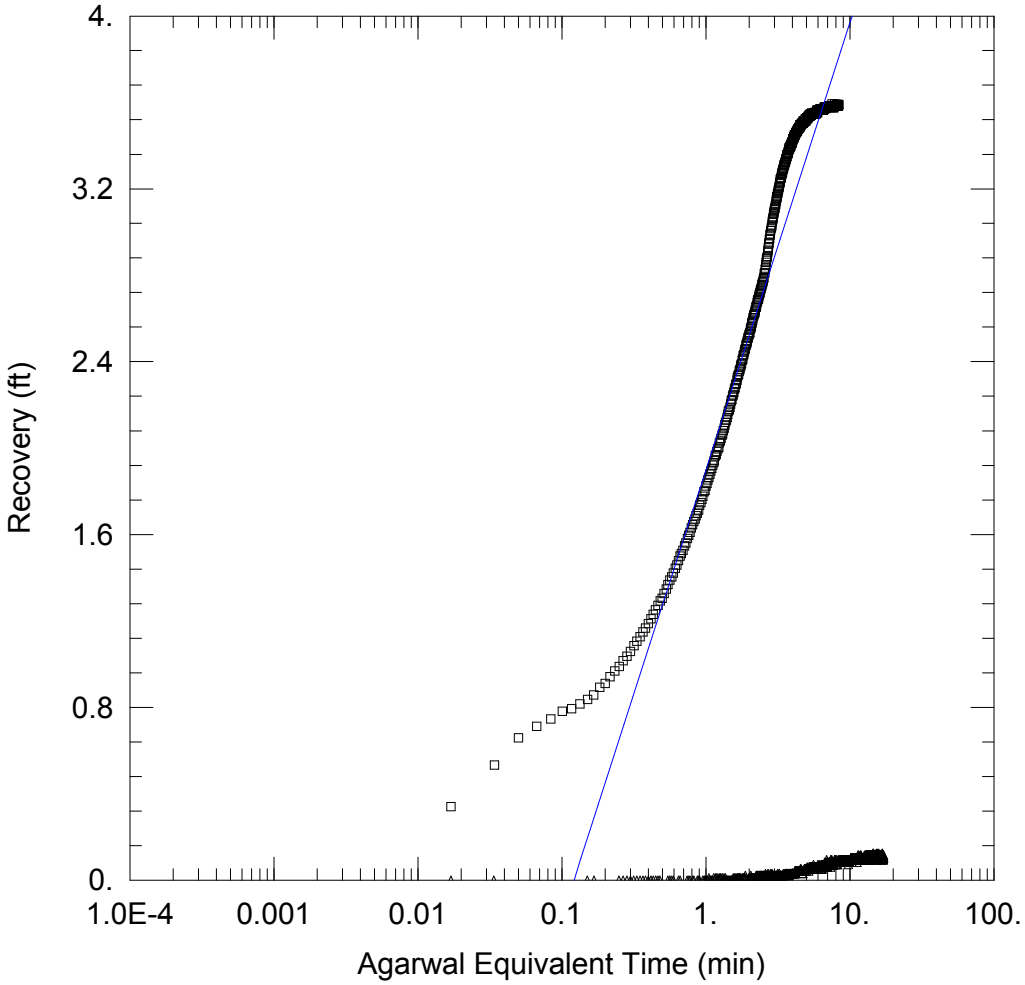
Observation Wells

Well Name	X (ft)	Y (ft)
□ MWTP5S	0	0
+ OWTP5S1	11	19
△ MWTP5I	-7.04	0
◦ OWTP5S2	5	75.8

SOLUTION

Aquifer Model: Confined Solution Method: Cooper-Jacob

T = 0.6214 ft^2/day S = 1.214



WELL TEST ANALYSIS

Data Set: S:\...\MWTP4S.aqt
Date: 02/14/14 Time: 08:13:56

PROJECT INFORMATION

Company: URS
Client: PCS
Location: Moultrie, GA
Test Well: MWTP5S
Test Date: 4/18/2013

AQUIFER DATA

Saturated Thickness: 10. ft Anisotropy Ratio (Kz/Kr): 0.01

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
MWTP4S	0	0

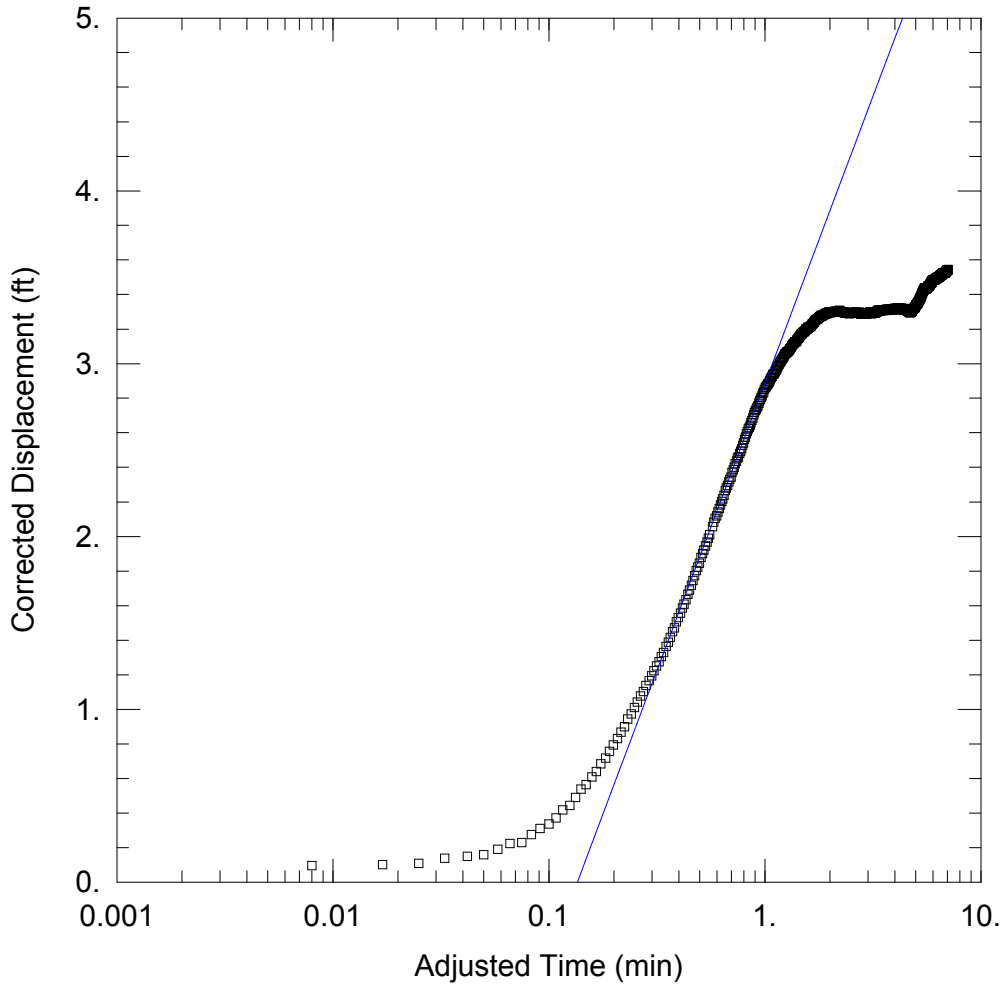
Observation Wells

Well Name	X (ft)	Y (ft)
▫ MWTP4S	0	0
▵ MWTP24S	29	3

SOLUTION

Aquifer Model: Confined Solution Method: Cooper-Jacob

T = 6.811 ft^2/day S = 0.186



WELL TEST ANALYSIS

Data Set: S:\...\MW13SR_drawdown.aqt
Date: 02/14/14 Time: 08:21:40

PROJECT INFORMATION

Company: URS
Client: PCS
Location: Moultrie, GA
Test Well: MWTP5S
Test Date: 4/18/2013

AQUIFER DATA

Saturated Thickness: 10. ft Anisotropy Ratio (Kz/Kr): 0.01

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
MW13SR	0	0

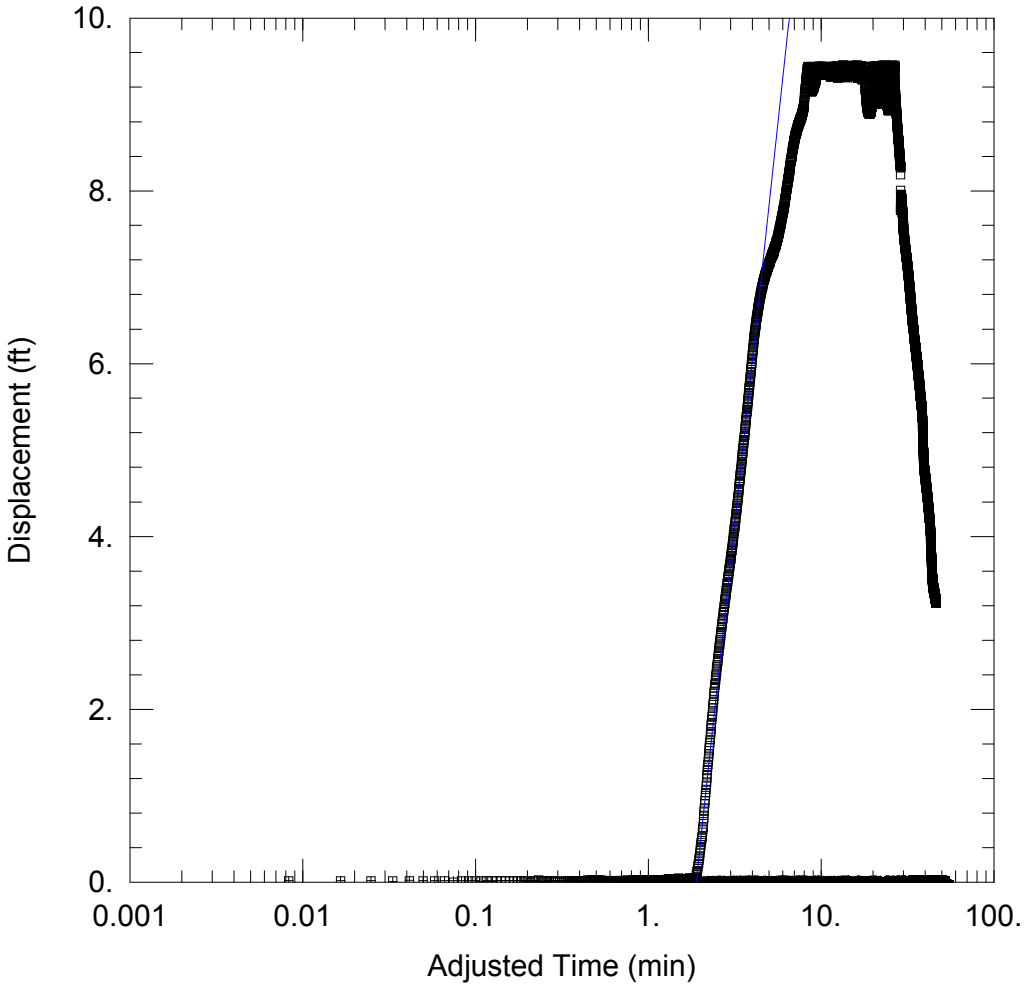
Observation Wells

Well Name	X (ft)	Y (ft)
▫ MW13SR	0	0

SOLUTION

Aquifer Model: Unconfined Solution Method: Cooper-Jacob

T = 4.618 ft^2/day S = 0.1409



WELL TEST ANALYSIS

Data Set: S:\...\FFW3R.aqt
Date: 02/14/14 Time: 08:24:26

PROJECT INFORMATION

Company: URS
Client: PCS
Location: Moultrie, GA
Test Well: MWTP5S
Test Date: 4/18/2013

AQUIFER DATA

Saturated Thickness: 10. ft Anisotropy Ratio (Kz/Kr): 0.001

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
FFW3R	0	0

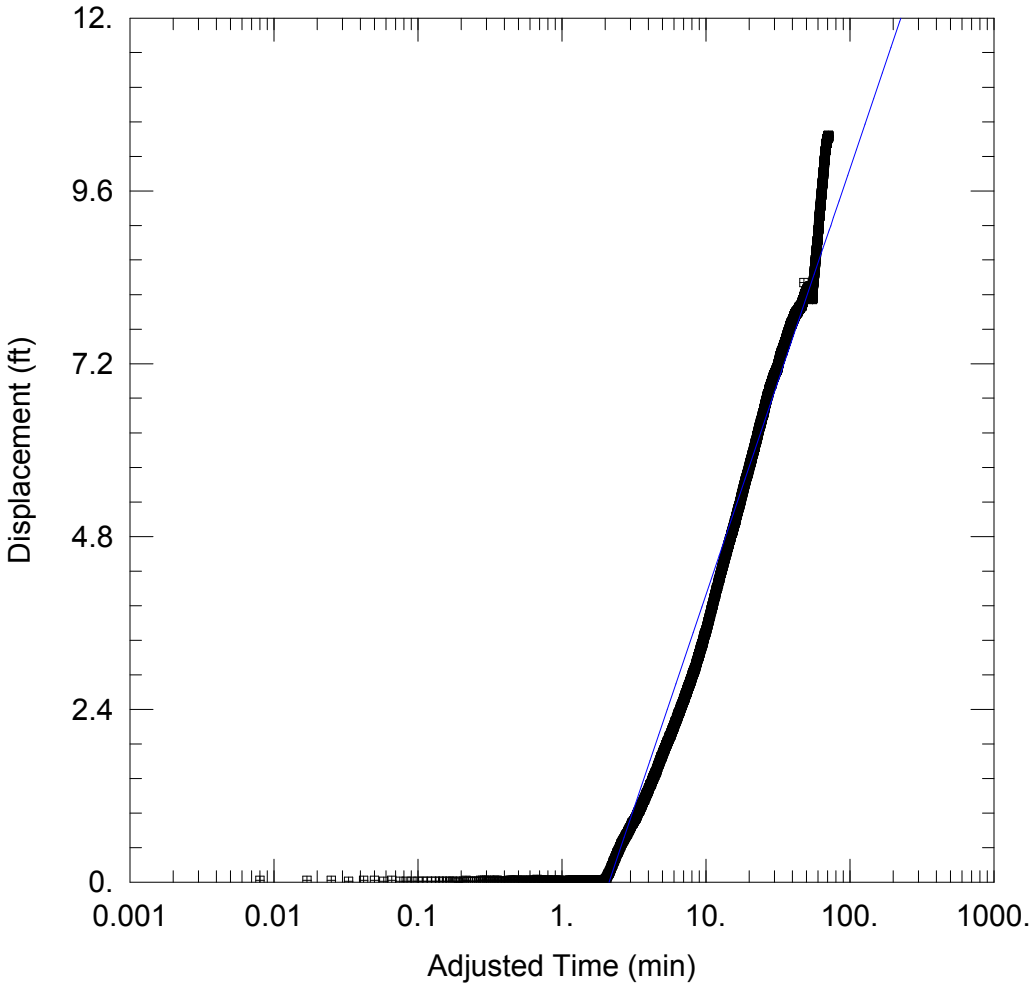
Observation Wells

Well Name	X (ft)	Y (ft)
▫ FFW3R	0	0
+ MW43S	19.08	27.57

SOLUTION

Aquifer Model: Confined Solution Method: Cooper-Jacob

T = 0.8267 ft^2/day S = 0.3525



WELL TEST ANALYSIS

Data Set: S:\...\RWTP5S.aqt
Date: 02/14/14 Time: 08:26:29

PROJECT INFORMATION

Company: URS
Client: PCS
Location: Moultrie, GA
Test Well: MWTP5S
Test Date: 4/18/2013

AQUIFER DATA

Saturated Thickness: 10. ft Anisotropy Ratio (Kz/Kr): 0.001

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
RWTP5S	0	0

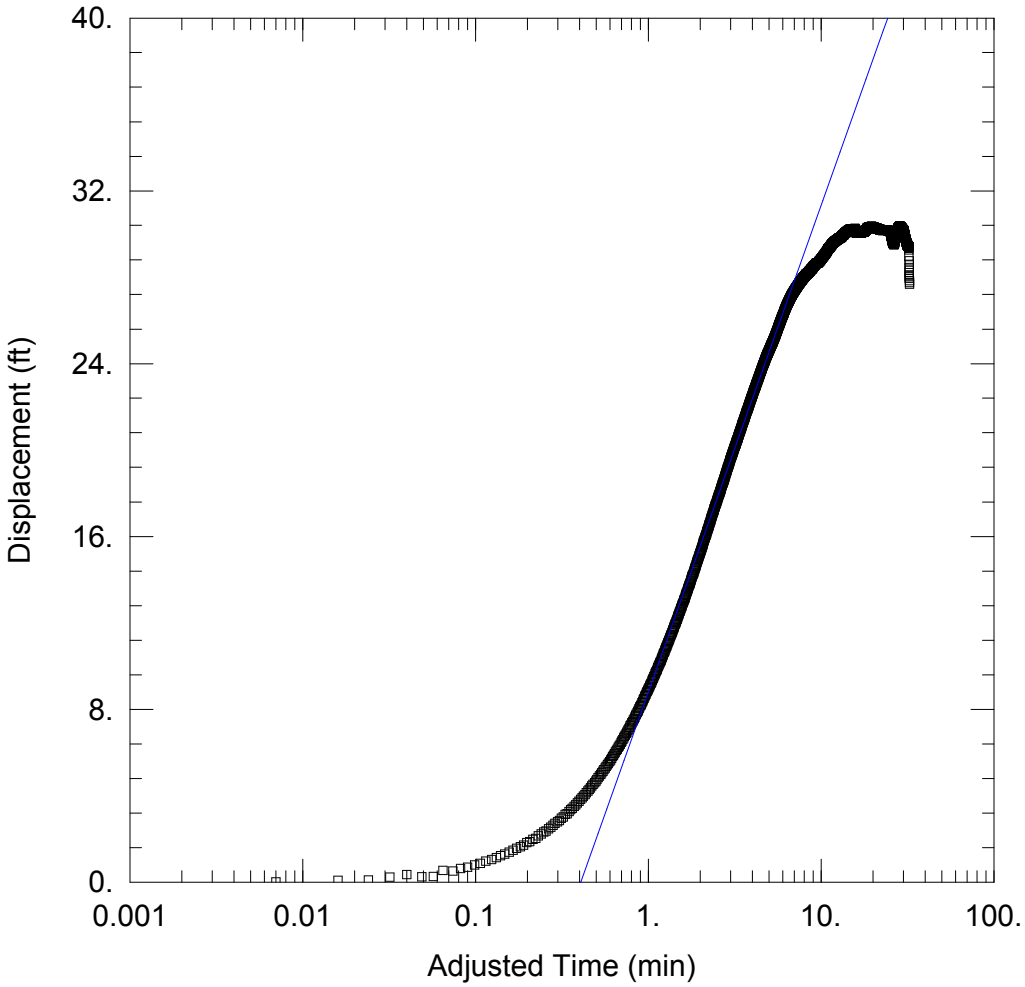
Observation Wells

Well Name	X (ft)	Y (ft)
▫ RWTP5S	0	0
+ TP5S	19.08	27.57

SOLUTION

Aquifer Model: Confined Solution Method: Cooper-Jacob

T = 11.91 ft^2/day S = 5.703



MW-10I PUMPING TEST

Data Set: S:\...\MW-10I_Pump.aqt
Date: 02/14/14 Time: 08:27:36

PROJECT INFORMATION

Company: URS
Client: PCS
Location: Moultrie
Test Well: MW-10I
Test Date: 11/27/13

AQUIFER DATA

Saturated Thickness: 5. ft Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
MW-10I	0	0

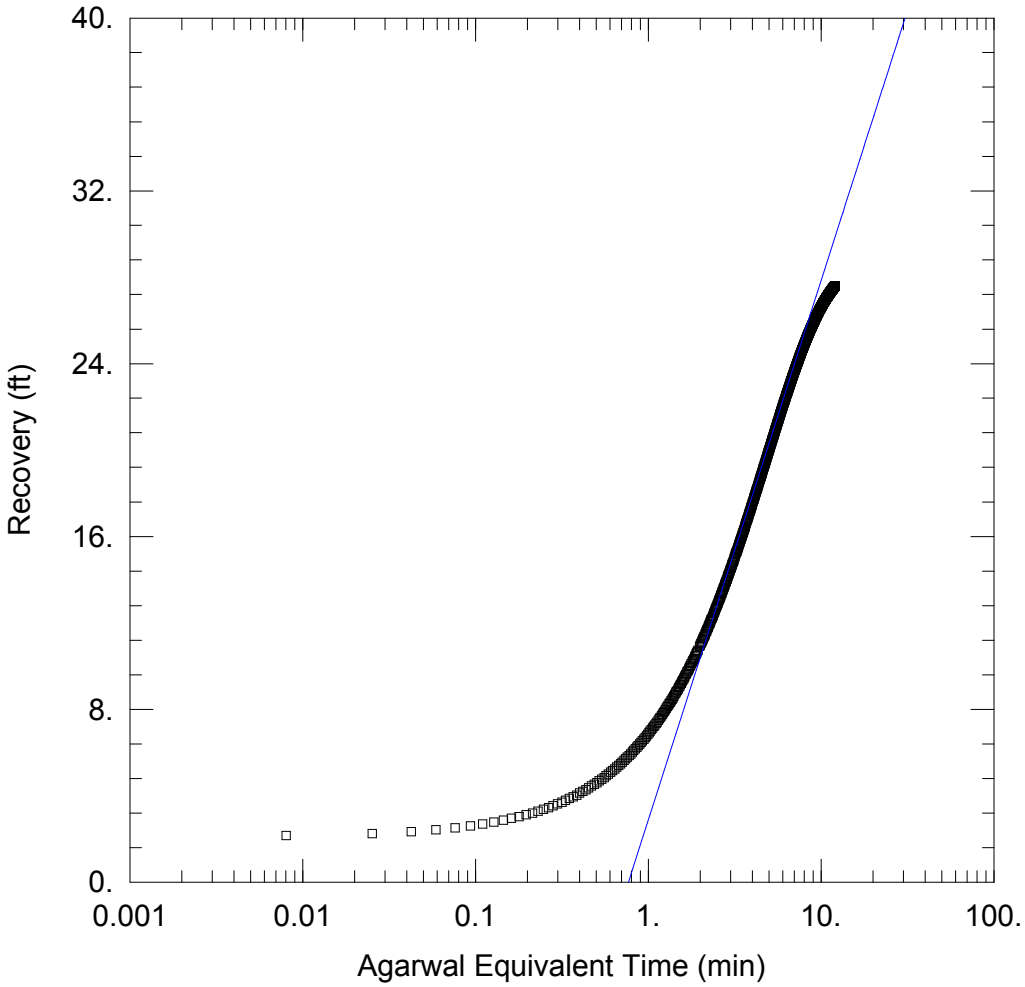
Observation Wells

Well Name	X (ft)	Y (ft)
▫ MW-10I	0	0

SOLUTION

Aquifer Model: Confined Solution Method: Cooper-Jacob

T = 1.69 ft^2/day S = 0.1551



MW-10I PUMPING TEST (RECOVERY PHASE)

Data Set: S:\...\MW-10I_Pump_recovery.aqt
Date: 02/14/14 Time: 08:28:06

PROJECT INFORMATION

Company: URS
Client: PCS
Location: Moultrie
Test Well: MW-10I
Test Date: 11/27/13

AQUIFER DATA

Saturated Thickness: 5. ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
MW-10I	0	0

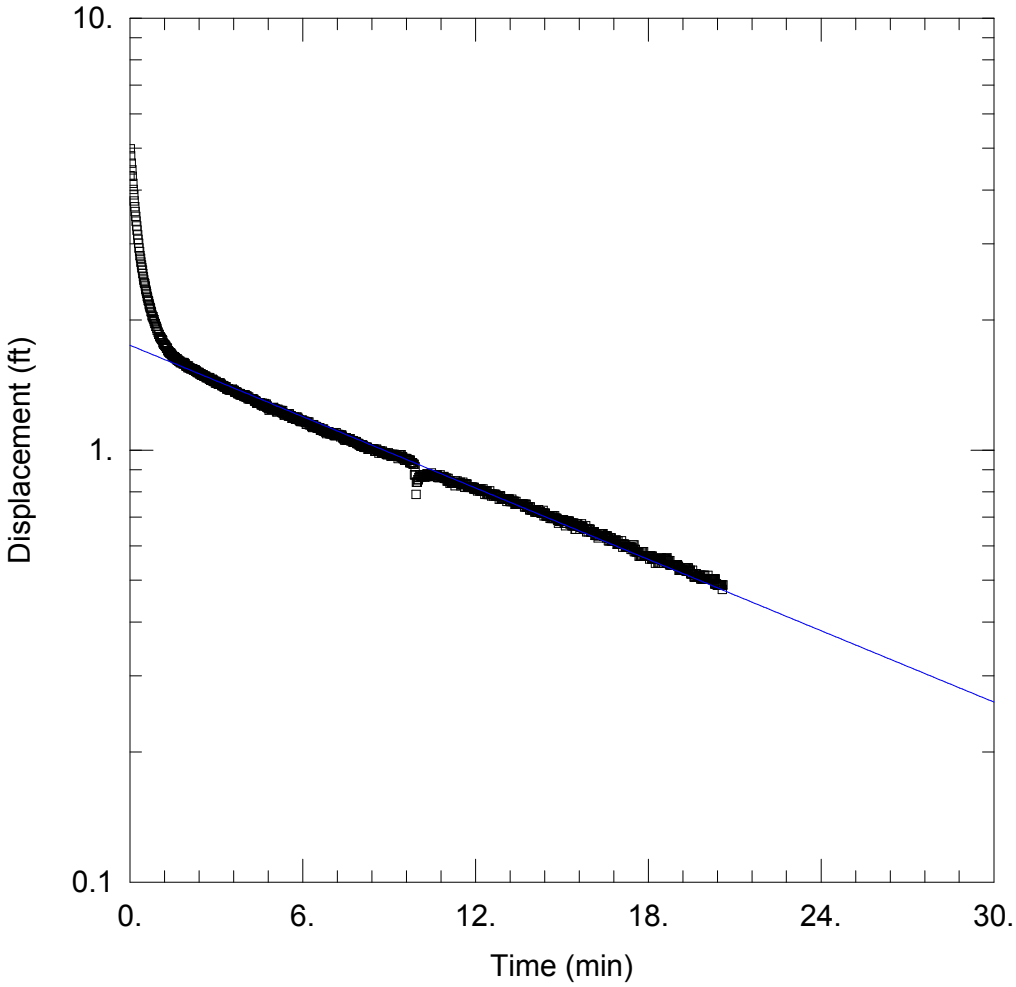
Observation Wells

Well Name	X (ft)	Y (ft)
▫ MW-10I	0	0

SOLUTION

Aquifer Model: Confined Solution Method: Cooper-Jacob

T = 1.524 ft^2/day S = 0.2637



MW-1SR SLUG TEST

Data Set: S:\...\MW-1SR_Slug.aqt
Date: 02/14/14 Time: 08:28:45

PROJECT INFORMATION

Company: URS
Client: PCS
Location: Moultrie, Georgia
Test Well: MW-1SR
Test Date: 11/27/2013

AQUIFER DATA

Saturated Thickness: 7.39 ft Anisotropy Ratio (Kz/Kr): 0.01

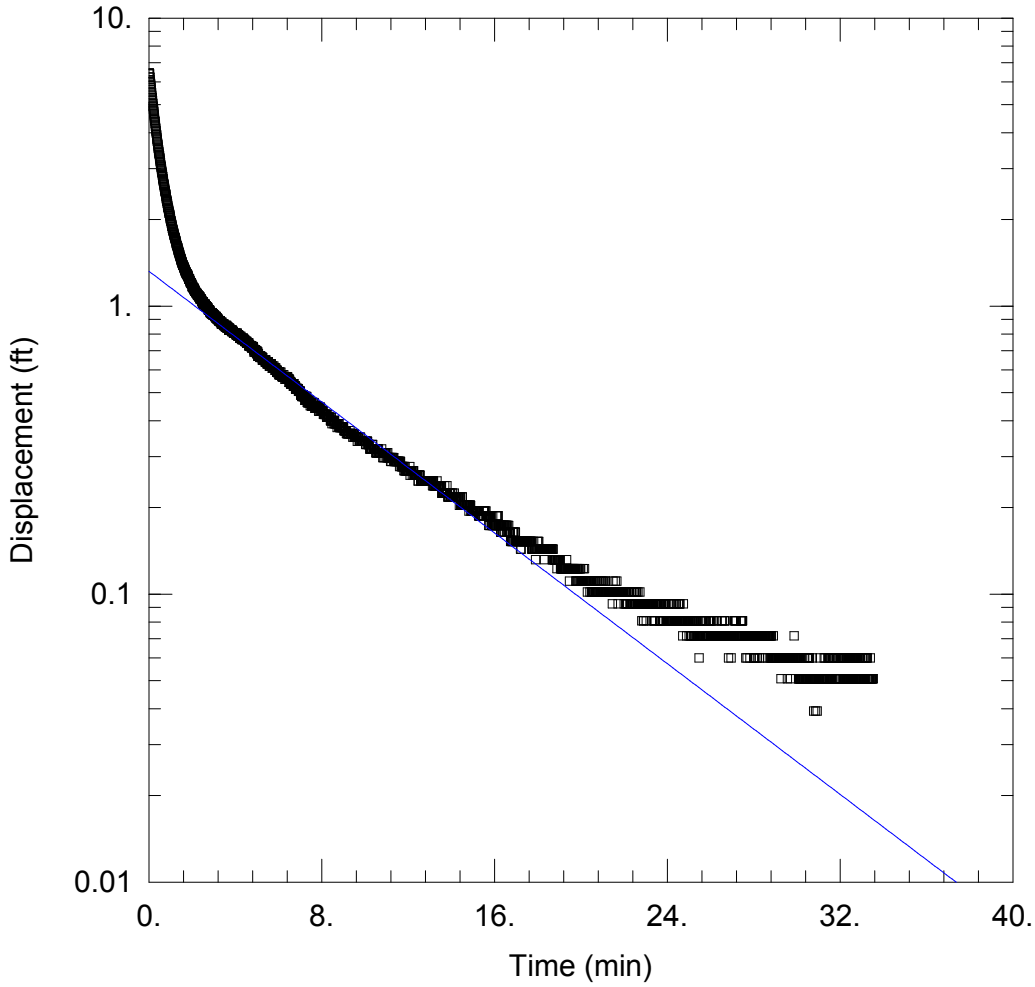
WELL DATA (MW-1SR)

Initial Displacement: 4.316 ft Static Water Column Height: 7.39 ft
Total Well Penetration Depth: 12. ft Screen Length: 10. ft
Casing Radius: 0.0833 ft Well Radius: 0.0833 ft

SOLUTION

Aquifer Model: Confined Solution Method: Bouwer-Rice

K = 0.1611 ft/day y0 = 1.748 ft



MW-38S SLUG TEST

Data Set: S:\...\MW-38S_Slug.aqt
Date: 02/14/14 Time: 08:29:44

PROJECT INFORMATION

Company: URS
Client: PCS
Location: Moultrie, Georgia
Test Well: MW-1SR
Test Date: 11/27/2013

AQUIFER DATA

Saturated Thickness: 10. ft Anisotropy Ratio (Kz/Kr): 0.01

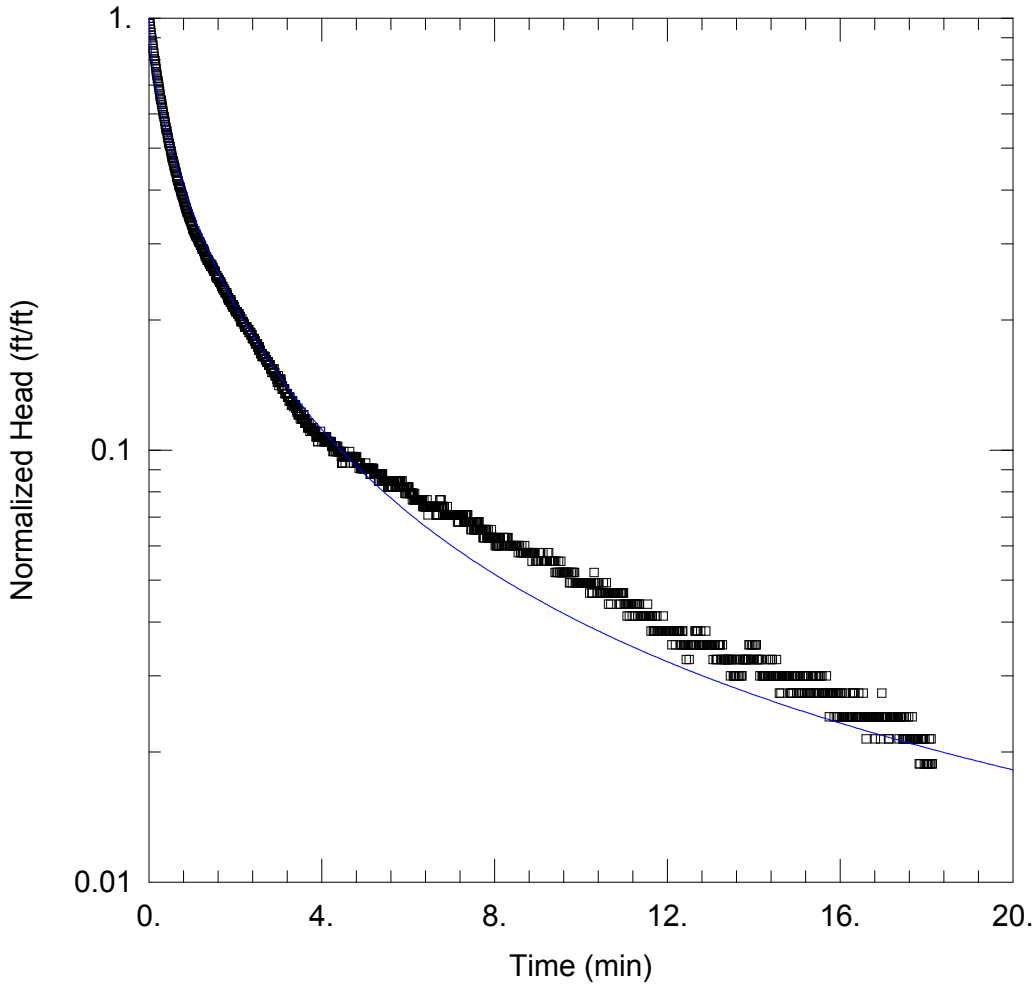
WELL DATA (MW-38S)

Initial Displacement: 6.456 ft Static Water Column Height: 12.68 ft
Total Well Penetration Depth: 25. ft Screen Length: 10. ft
Casing Radius: 0.0833 ft Well Radius: 0.0833 ft

SOLUTION

Aquifer Model: Confined Solution Method: Bouwer-Rice

K = 0.279 ft/day y0 = 1.32 ft



MW-2S SLUG TEST

Data Set: S:\...\MW-2S_Slug.aqt
Date: 02/14/14 Time: 08:30:25

PROJECT INFORMATION

Company: URS
Client: PCS
Location: Moultrie, Georgia
Test Well: MW-2S
Test Date: 12/03/2013

AQUIFER DATA

Saturated Thickness: 10.11 ft Anisotropy Ratio (Kz/Kr): 0.1

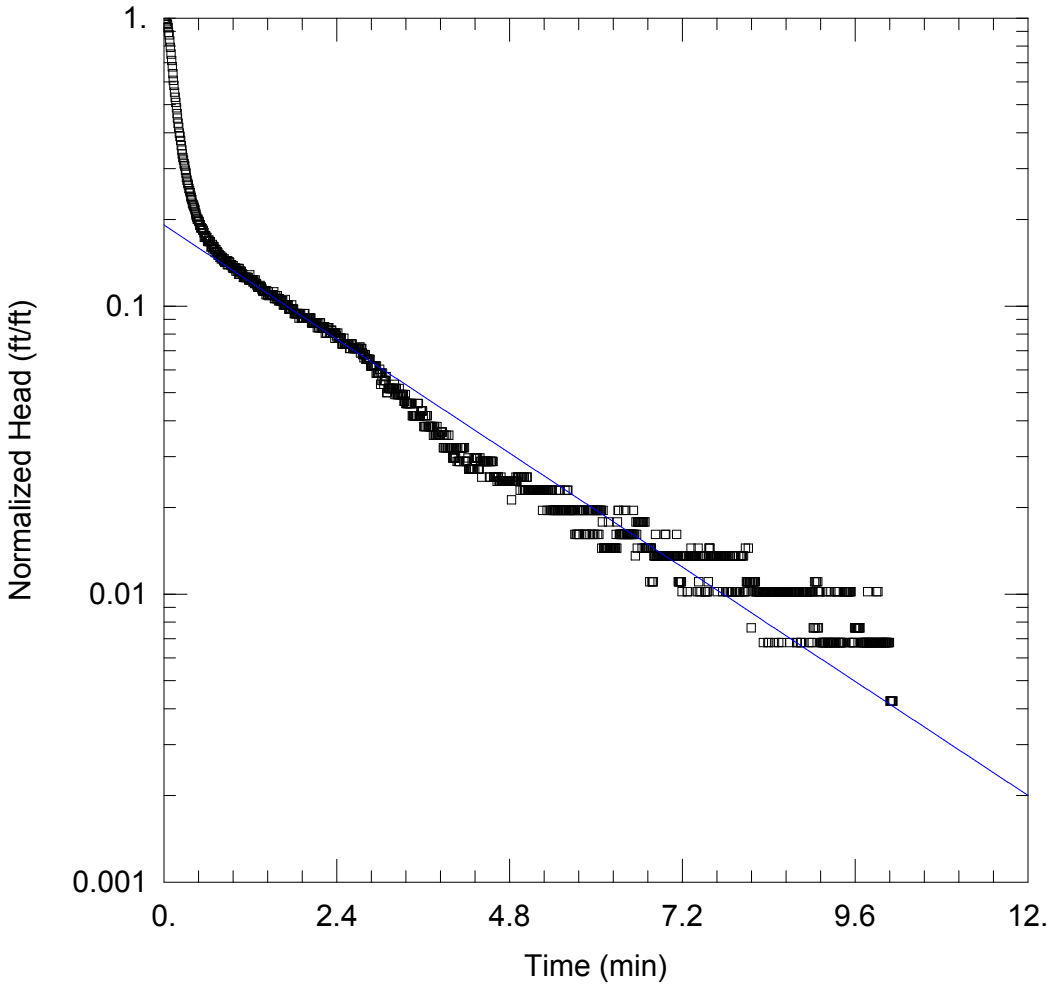
WELL DATA (MW-2S)

Initial Displacement: 4.306 ft Static Water Column Height: 10.11 ft
Total Well Penetration Depth: 10. ft Screen Length: 10. ft
Casing Radius: 0.0833 ft Well Radius: 0.0833 ft

SOLUTION

Aquifer Model: Confined Solution Method: Cooper-Bredehoeft-Papadopulos

T = 7.845 ft^2/day S = 0.1119



MW-39S SLUG TEST

Data Set: S:\...\MW-39S_slug.aqt
Date: 02/14/14 Time: 08:30:53

PROJECT INFORMATION

Company: URS
Client: PCS
Location: Moultrie, Georgia
Test Well: MW-39S
Test Date: 12/03/2013

AQUIFER DATA

Saturated Thickness: 9.67 ft Anisotropy Ratio (Kz/Kr): 1.

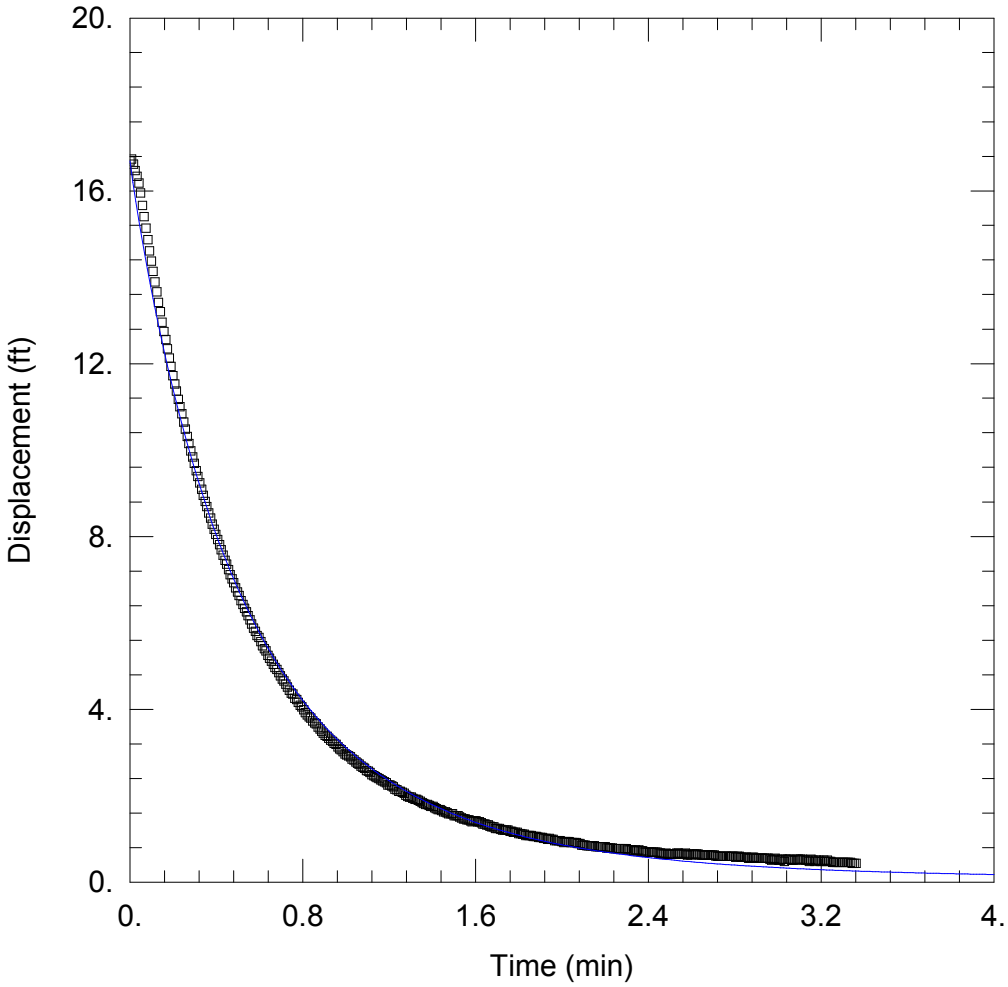
WELL DATA (MW-39S)

Initial Displacement: 2.721 ft
Total Well Penetration Depth: 10.5 ft
Casing Radius: 0.0833 ft
Static Water Column Height: 9.67 ft
Screen Length: 10. ft
Well Radius: 0.0833 ft

SOLUTION

Aquifer Model: Confined Solution Method: Bouwer-Rice

K = 0.7297 ft/day y0 = 0.5199 ft



MW-29S SLUG TEST

Data Set: S:\...\MW-29S_Slug.aqt
Date: 02/14/14 Time: 08:31:17

PROJECT INFORMATION

Company: URS
Client: PCS
Location: Moultrie, Georgia
Test Well: MW-29S
Test Date: 12/03/2013

AQUIFER DATA

Saturated Thickness: 10. ft Anisotropy Ratio (Kz/Kr): 0.1

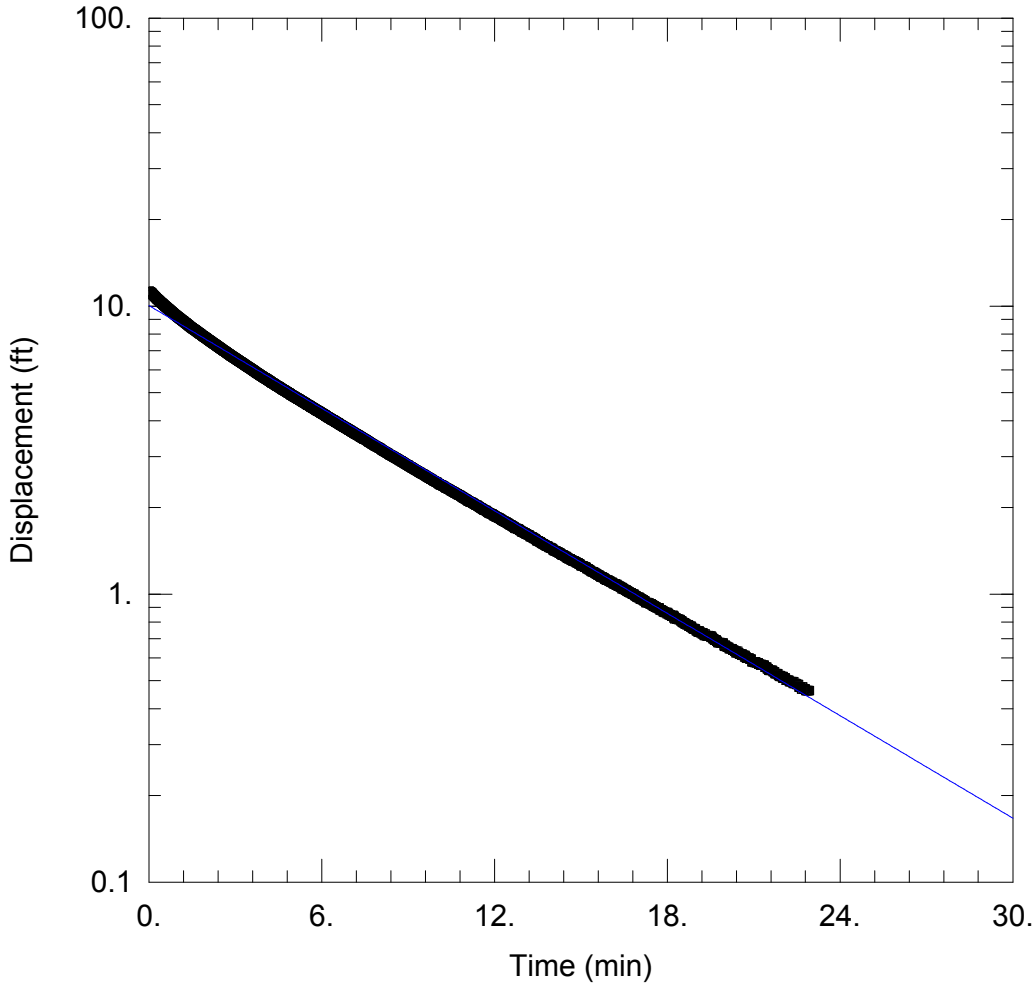
WELL DATA (MW-29S)

Initial Displacement: 16.69 ft Static Water Column Height: 17.9 ft
Total Well Penetration Depth: 17.5 ft Screen Length: 10. ft
Casing Radius: 0.0833 ft Well Radius: 0.0833 ft

SOLUTION

Aquifer Model: Confined Solution Method: Cooper-Bredehoeft-Papadopulos

T = 92.8 ft^2/day S = 6.874E-9



MW-35S SLUG TEST

Data Set: S:\...\MW-35S_Slug.aqt
Date: 02/14/14 Time: 08:31:42

PROJECT INFORMATION

Company: URS
Client: PCS
Location: Moultrie, Georgia
Test Well: MW-35S
Test Date: 12/03/2013

AQUIFER DATA

Saturated Thickness: 13.46 ft Anisotropy Ratio (Kz/Kr): 0.1

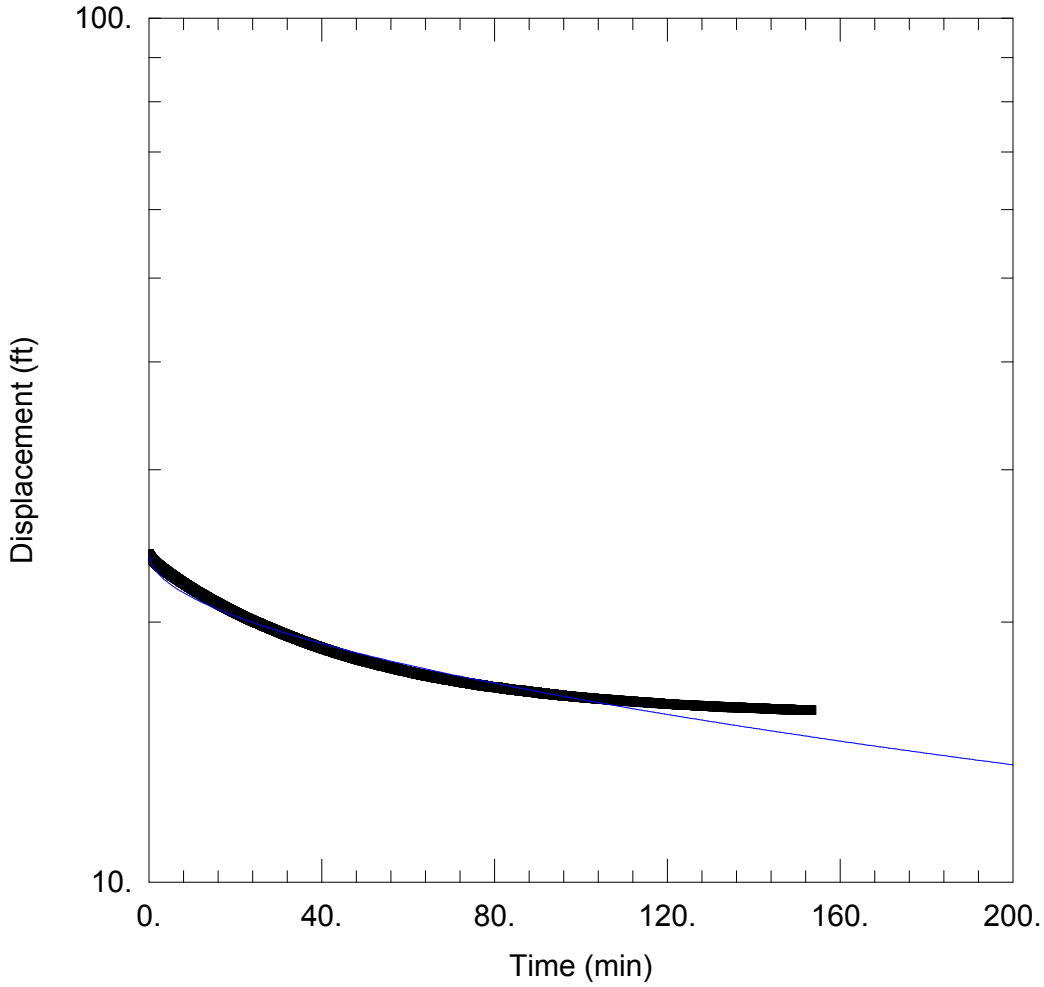
WELL DATA (MW-35S)

Initial Displacement: 11.26 ft Static Water Column Height: 13.46 ft
Total Well Penetration Depth: 13.7 ft Screen Length: 10. ft
Casing Radius: 0.0833 ft Well Radius: 0.0833 ft

SOLUTION

Aquifer Model: Confined Solution Method: Bouwer-Rice

K = 0.3395 ft/day y0 = 10.04 ft



MW-40S SLUG TEST

Data Set: S:\...\MW-40S_Slug.aqt
Date: 02/14/14 Time: 08:32:14

PROJECT INFORMATION

Company: URS
Client: PCS
Location: Moultrie, Georgia
Test Well: MW-40S
Test Date: 12/03/2013

AQUIFER DATA

Saturated Thickness: 10. ft Anisotropy Ratio (Kz/Kr): 0.1

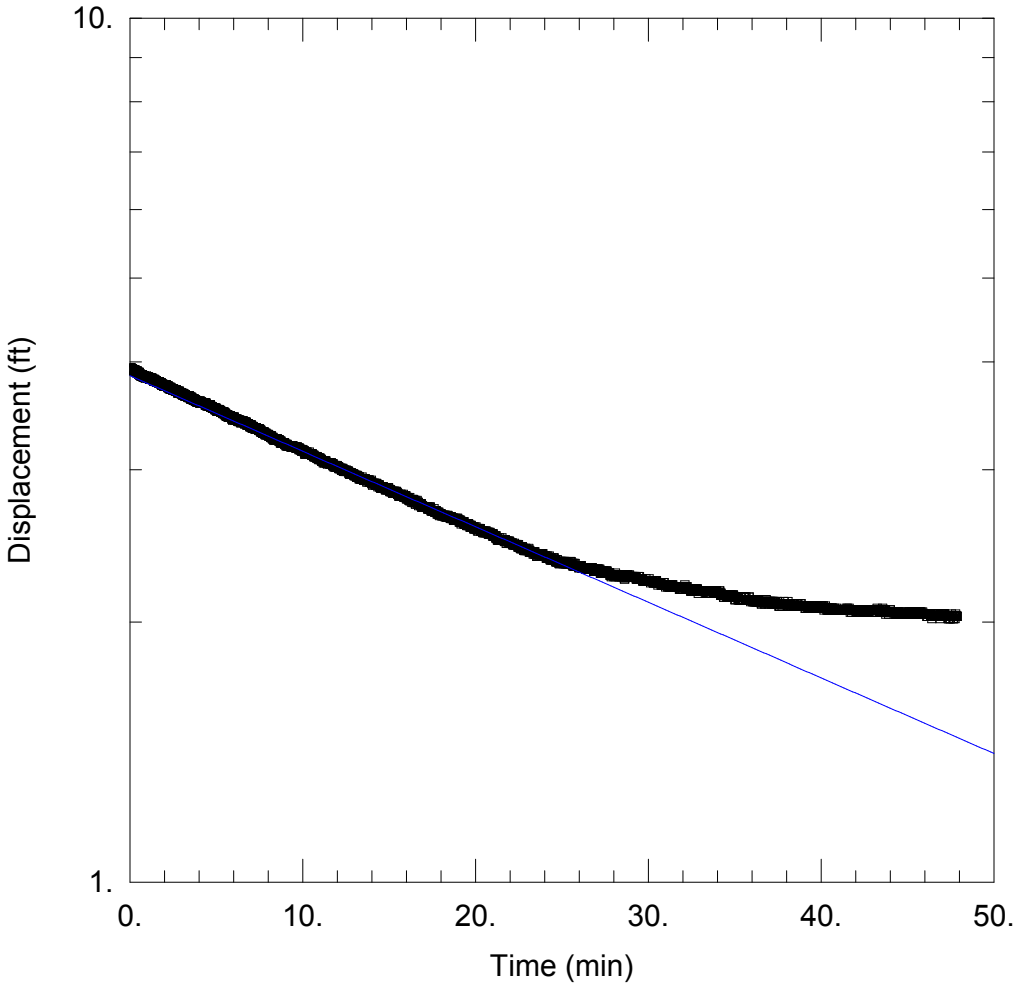
WELL DATA (MW-40S)

Initial Displacement: 23.97 ft Static Water Column Height: 10. ft
Total Well Penetration Depth: 26.1 ft Screen Length: 10. ft
Casing Radius: 0.0833 ft Well Radius: 0.0833 ft

SOLUTION

Aquifer Model: Confined Solution Method: Cooper-Bredehoeft-Papadopulos

T = 0.008308 ft^2/day S = 0.2933



MW-49S SLUG TEST

Data Set: S:\...\MW-49S_Slug.aqt
Date: 02/14/14 Time: 08:32:35

PROJECT INFORMATION

Company: URS
Client: PCS
Location: Moultrie, Georgia
Test Well: MW-49S
Test Date: 12/03/2013

AQUIFER DATA

Saturated Thickness: 8.7 ft Anisotropy Ratio (Kz/Kr): 0.1

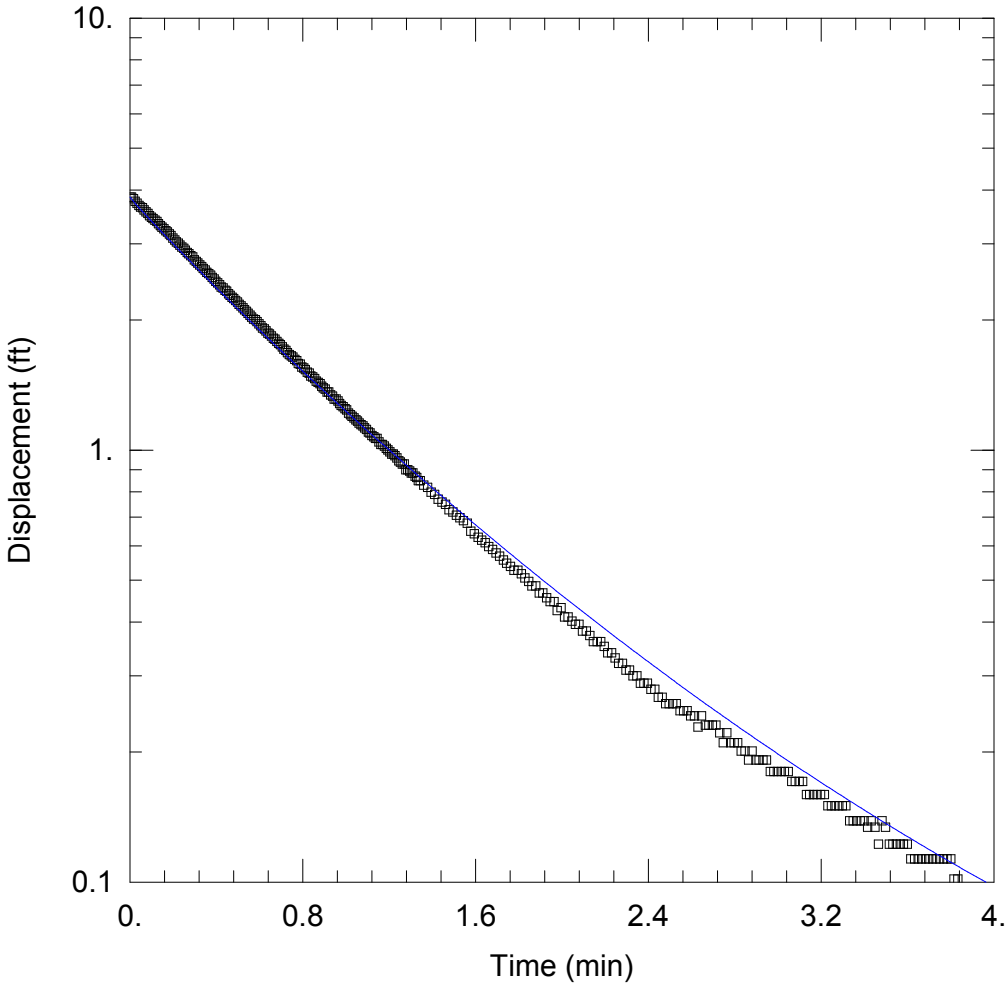
WELL DATA (MW-49S)

Initial Displacement: 3.94 ft Static Water Column Height: 8.7 ft
Total Well Penetration Depth: 26.04 ft Screen Length: 10. ft
Casing Radius: 0.0833 ft Well Radius: 0.0833 ft

SOLUTION

Aquifer Model: Confined Solution Method: Hvorslev

K = 0.06125 ft/day y0 = 3.856 ft



MW-41S SLUG TEST

Data Set: S:\...\MW-41S_Slug.aqt
Date: 02/14/14 Time: 08:34:05

PROJECT INFORMATION

Company: URS
Client: PCS
Location: Moultrie, Georgia
Test Well: MW-41S
Test Date: 12/03/2013

AQUIFER DATA

Saturated Thickness: 25.77 ft Anisotropy Ratio (Kz/Kr): 0.1

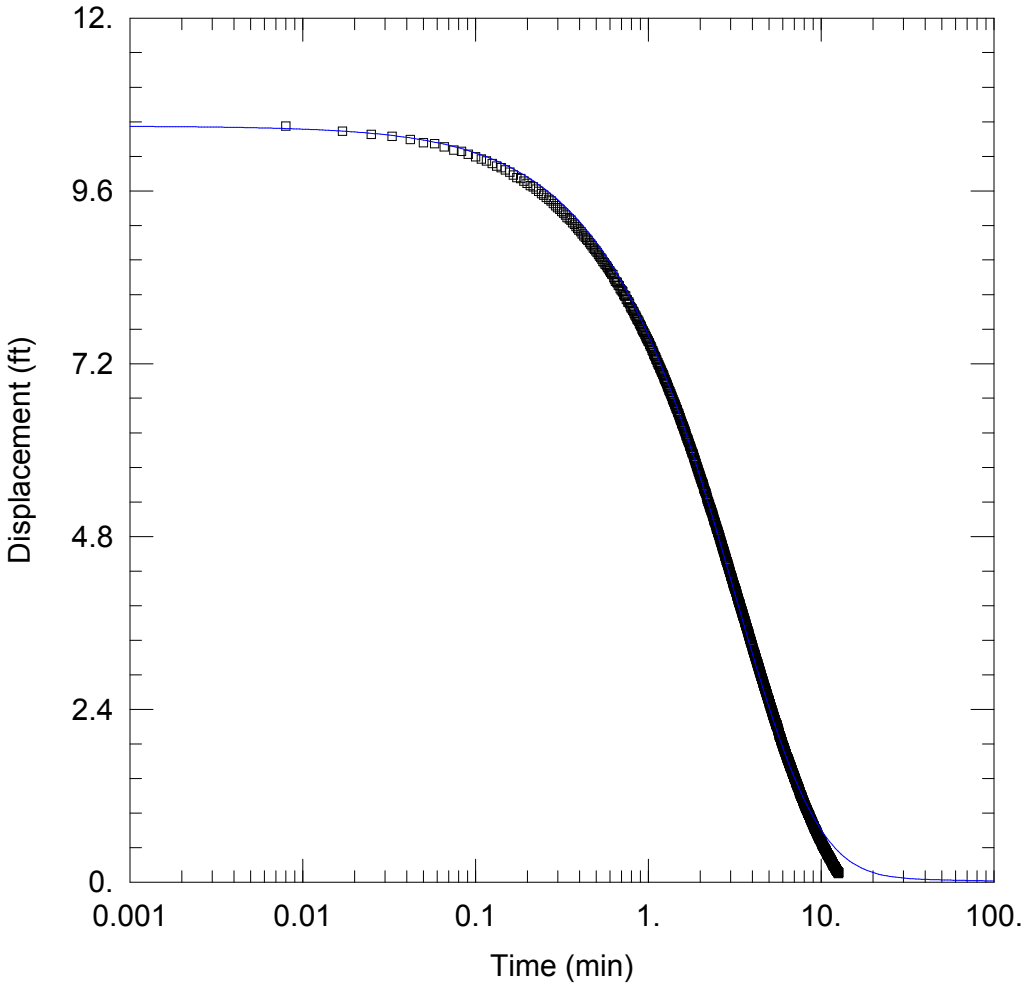
WELL DATA (MW-41S)

Initial Displacement: 3.85 ft Static Water Column Height: 25.77 ft
Total Well Penetration Depth: 26.17 ft Screen Length: 10. ft
Casing Radius: 0.0833 ft Well Radius: 0.0833 ft

SOLUTION

Aquifer Model: Confined Solution Method: Cooper-Bredehoeft-Papadopulos

T = 72.78 ft^2/day S = 1.0E-10



MW-31S SLUG TEST

Data Set: S:\...\MW-31S_Slug.aqt
Date: 02/14/14 Time: 08:34:44

PROJECT INFORMATION

Company: URS
Client: PCS
Location: Moultrie, Georgia
Test Well: MW-31S
Test Date: 12/03/2013

AQUIFER DATA

Saturated Thickness: 10. ft Anisotropy Ratio (Kz/Kr): 0.1

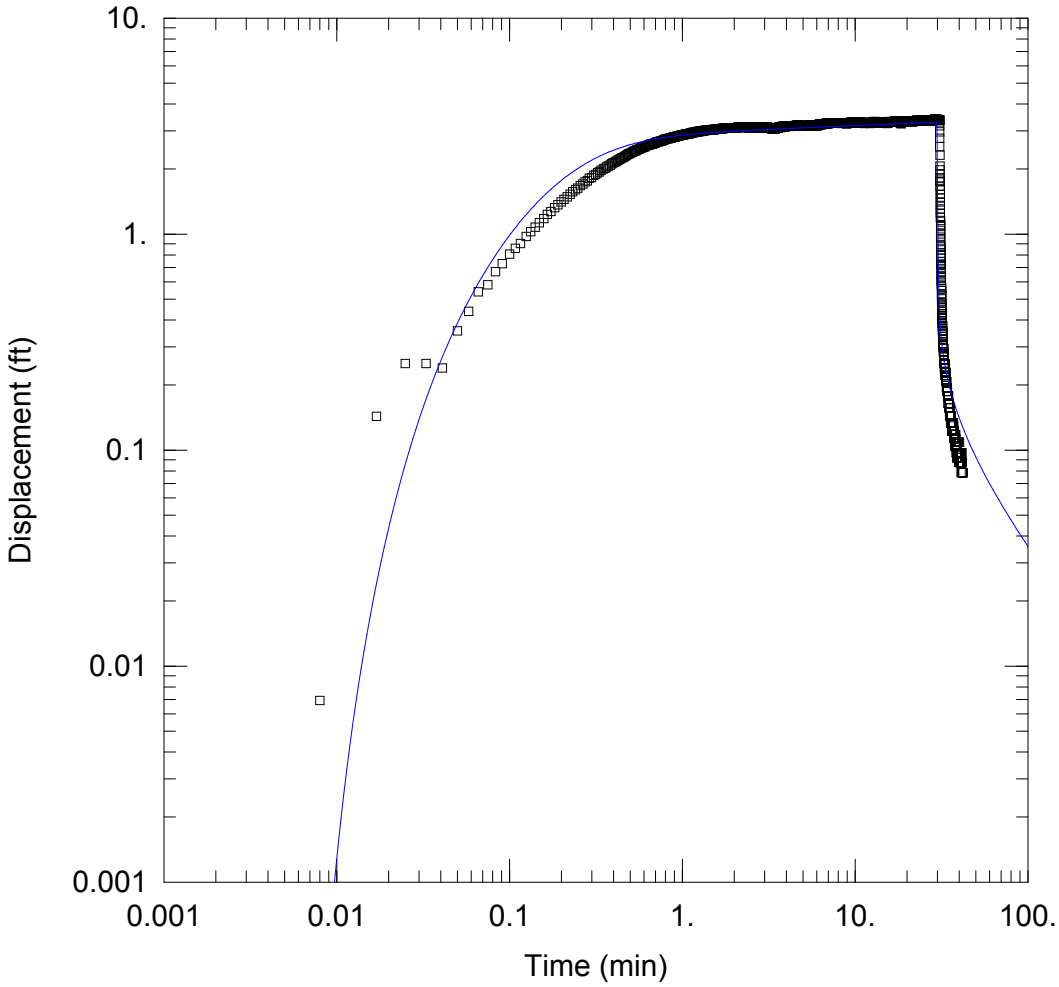
WELL DATA (MW-31S)

Initial Displacement: 10.5 ft
Total Well Penetration Depth: 29.13 ft
Casing Radius: 0.0833 ft
Static Water Column Height: 29.59 ft
Screen Length: 20. ft
Well Radius: 0.0833 ft

SOLUTION

Aquifer Model: Confined
Solution Method: Cooper-Bredehoeft-Papadopulos

T = 19.11 ft^2/day
S = 1.0E-10



MW-6I PUMP TEST

Data Set: S:\...\MW-6Ipump.aqt
Date: 02/14/14 Time: 08:35:25

PROJECT INFORMATION

Company: URS
Client: PCS
Location: Moultrie, Georgia
Test Well: MW-6I
Test Date: 12/04/2013

AQUIFER DATA

Saturated Thickness: 10. ft
Aquitard Thickness (b'): 1. ft
Anisotropy Ratio (Kz/Kr): 0.09886
Aquitard Thickness (b"): 1. ft

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
MW-6I	0	0

Observation Wells

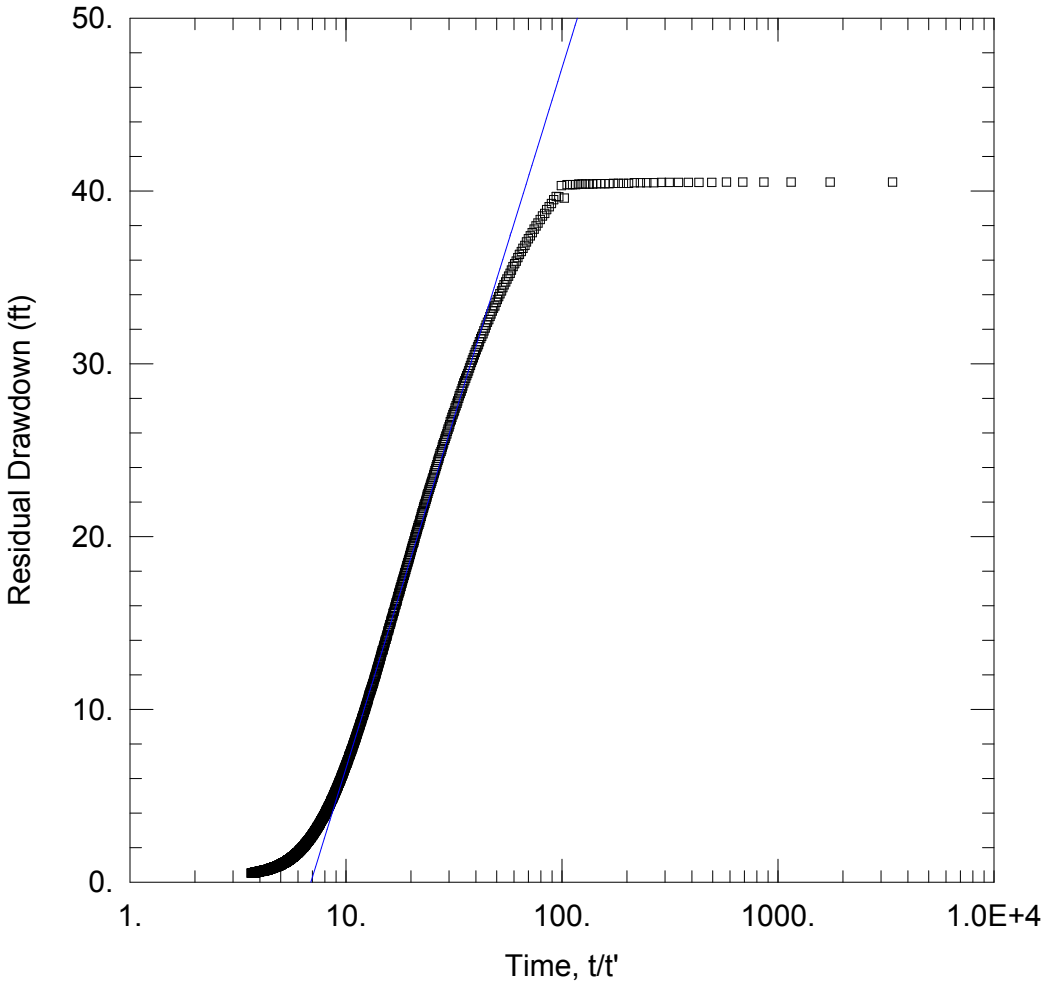
Well Name	X (ft)	Y (ft)
▫ MW-6I	0	0

SOLUTION

Aquifer Model: Leaky
Solution Method: Neuman-Witherspoon

T = 5.928 ft^2/day
r/B = 1.217
T2 = 236.8 ft^2/day

S = 0.1193
ß = 0.4167
S2 = 0.06982



MW-7I PUMPING TEST

Data Set: S:\...\MW-7I_Pump.aqt
Date: 02/14/14 Time: 08:39:13

PROJECT INFORMATION

Company: URS
Client: PCS
Location: Moultrie, Georgia
Test Well: MW-7I
Test Date: 12/04/2013

AQUIFER DATA

Saturated Thickness: 10. ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
MW-7I	0	0

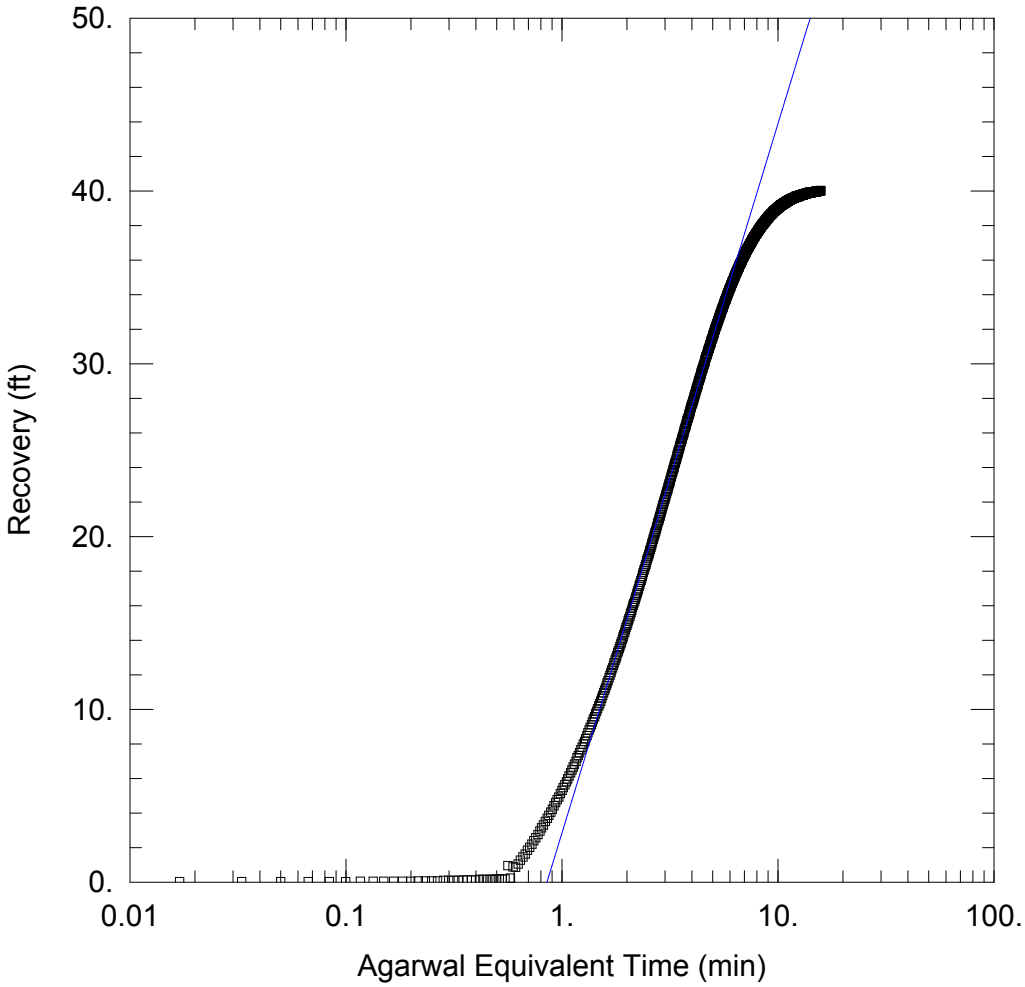
Observation Wells

Well Name	X (ft)	Y (ft)
▫ MW-7I	0	0

SOLUTION

Aquifer Model: Confined Solution Method: Theis (Recovery)

T = 0.7482 ft^2/day S/S' = 6.893



MW-7I PUMPING TEST (RECOVERY PERIOD)

Data Set: S:\...\MW-7I_Pump_recovery.aqt
Date: 02/14/14 Time: 08:41:17

PROJECT INFORMATION

Company: URS
Client: PCS
Location: Moultrie, Georgia
Test Well: MW-7I
Test Date: 12/04/2013

AQUIFER DATA

Saturated Thickness: 10. ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
MW-7I	0	0

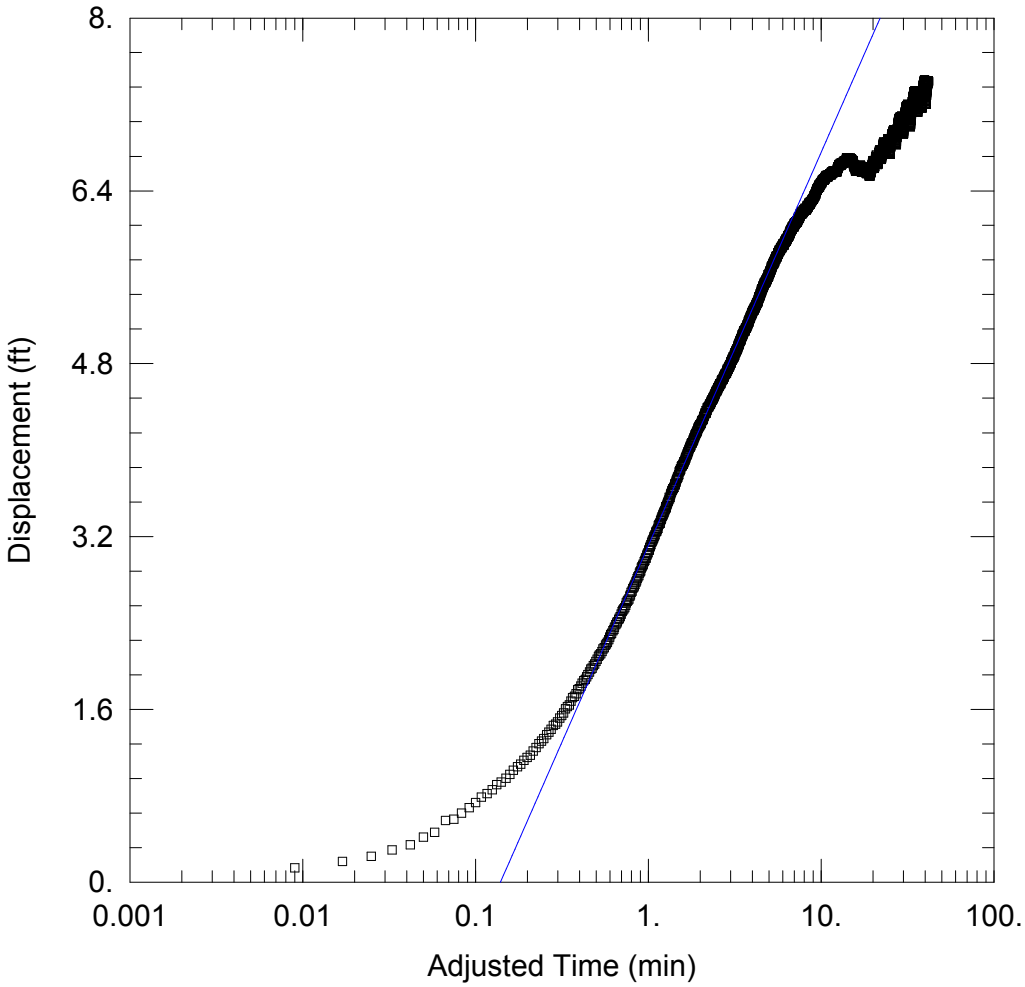
Observation Wells

Well Name	X (ft)	Y (ft)
▫ MW-7I	0	0

SOLUTION

Aquifer Model: Confined Solution Method: Cooper-Jacob

T = 0.7391 ft^2/day S = 0.1419



MW-48S PUMPING TEST

Data Set: S:\...\MW-48S_Pump.aqt
Date: 02/14/14 Time: 08:41:47

PROJECT INFORMATION

Company: URS
Client: PCS
Location: Moultrie, Georgia
Test Well: MW-48S
Test Date: 12/04/2013

AQUIFER DATA

Saturated Thickness: 10. ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
MW-48S	0	0

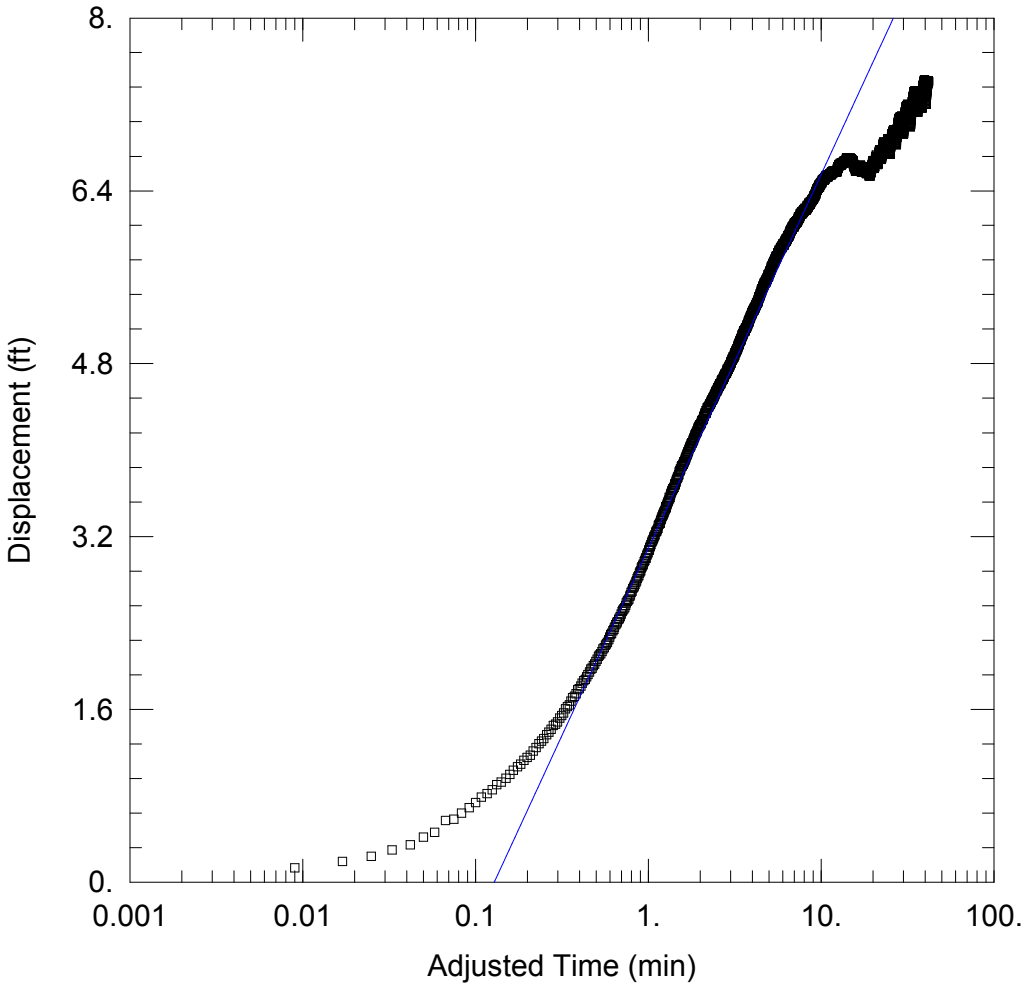
Observation Wells

Well Name	X (ft)	Y (ft)
▫ MW-48S	0	0

SOLUTION

Aquifer Model: Confined Solution Method: Cooper-Jacob

T = 11.62 ft^2/day S = 0.3645



MW-48S PUMPING TEST (RECOVERY PERIOD)

Data Set: S:\...\MW-48S_Recovery.aqt
Date: 02/14/14 Time: 08:43:41

PROJECT INFORMATION

Company: URS
Client: PCS
Location: Moultrie, Georgia
Test Well: MW-48S
Test Date: 12/04/2013

AQUIFER DATA

Saturated Thickness: 10. ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
MW-48S	0	0

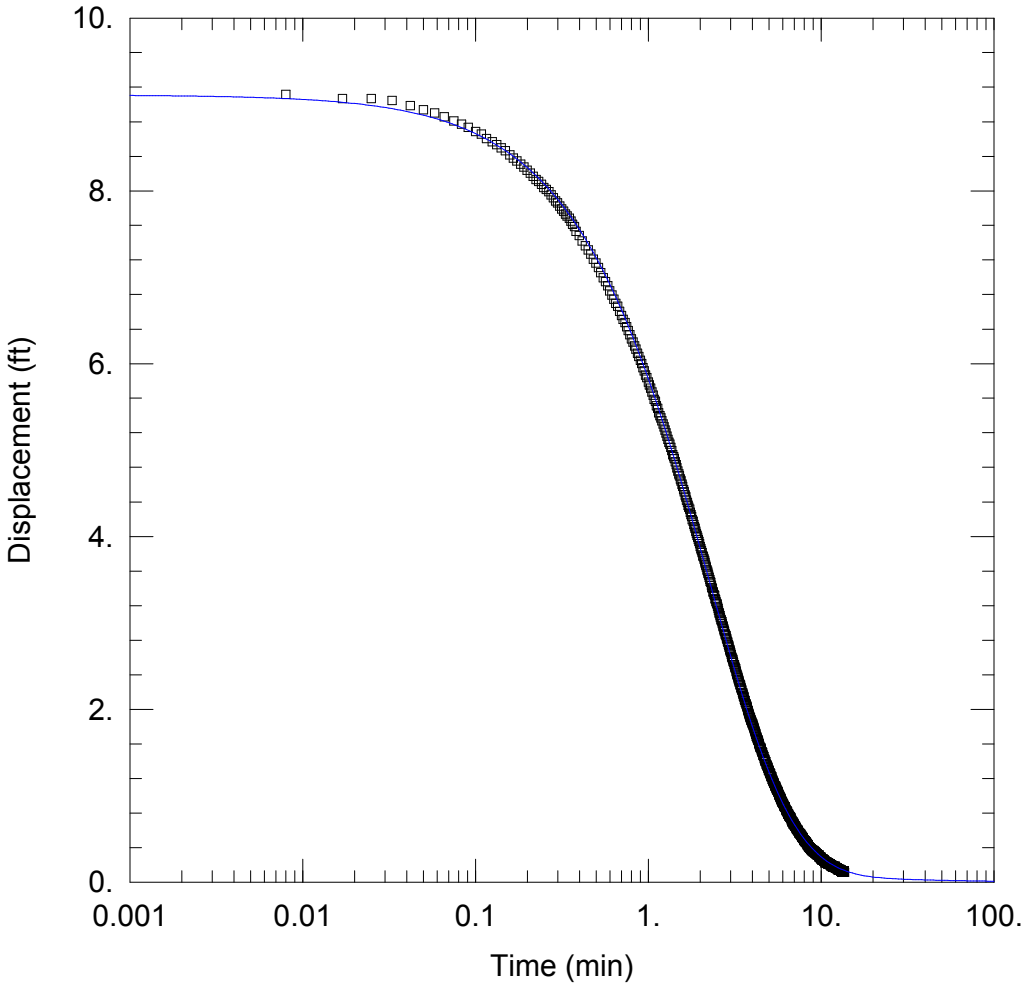
Observation Wells

Well Name	X (ft)	Y (ft)
▫ MW-48S	0	0

SOLUTION

Aquifer Model: Confined Solution Method: Cooper-Jacob

T = 12.22 ft^2/day S = 0.3528



MW-7I SLUG TEST

Data Set: S:\...\MW-7I_Slug.aqt
Date: 02/14/14 Time: 08:44:42

PROJECT INFORMATION

Company: URS
Client: PCS
Location: Moultrie, Georgia
Test Well: MW-7I
Test Date: 12/04/2013

AQUIFER DATA

Saturated Thickness: 10. ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-7I)

Initial Displacement: 9.11 ft
Total Well Penetration Depth: 40.1 ft
Casing Radius: 0.0833 ft
Static Water Column Height: 40.5 ft
Screen Length: 10. ft
Well Radius: 0.0833 ft

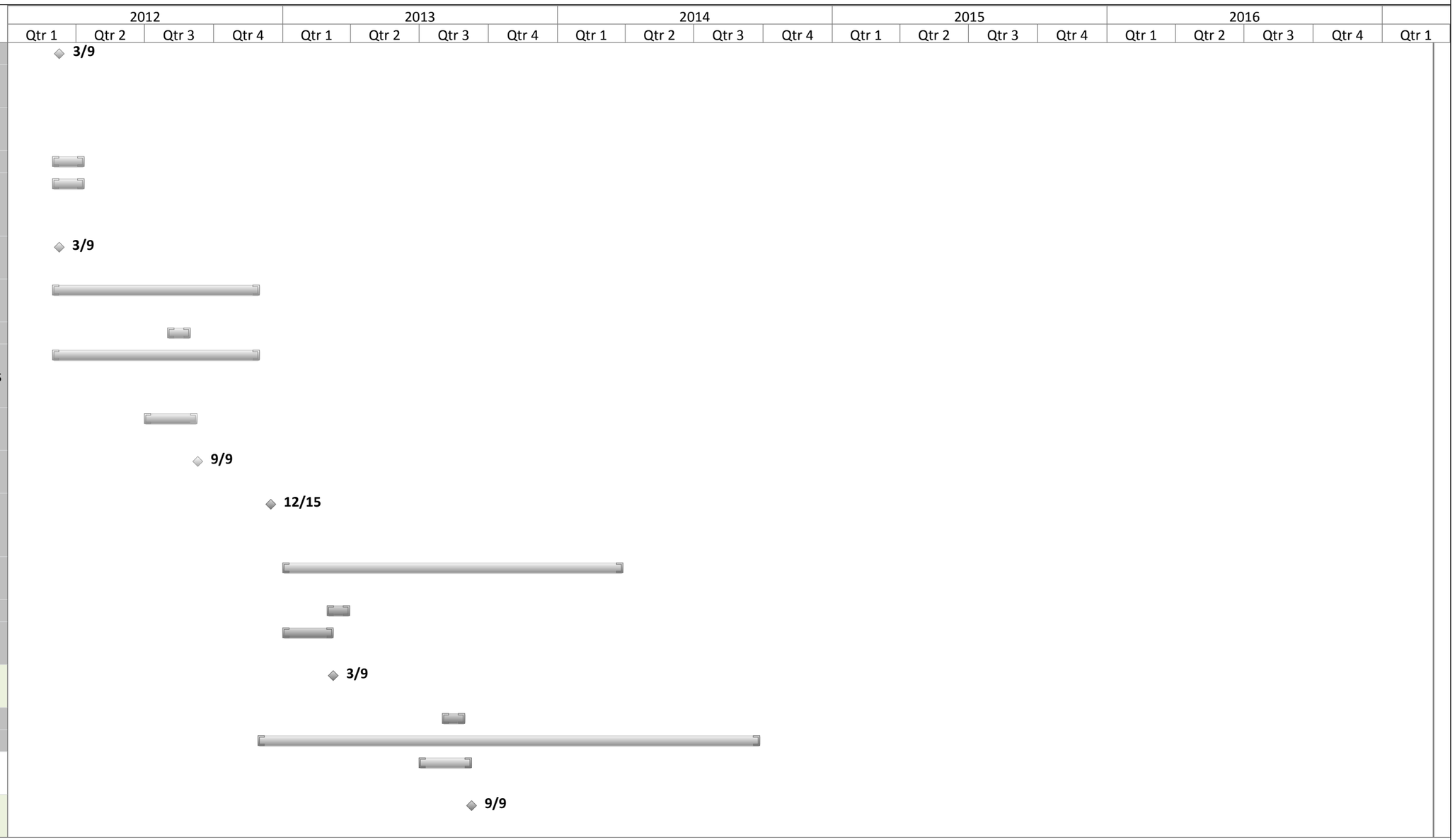
SOLUTION

Aquifer Model: Confined
Solution Method: Cooper-Bredehoeft-Papadopulos

T = 25.2 ft^2/day
S = 4.098E-10

Attachment 3
Voluntary Investigation & Remediation Plan (VIRP)
Schedule

ID	Task Name
1	Enrollment in VRP (3-9-12)
2	On-Site Horizontal Delineation deemed completed
3	Vertical Delineation deemed completed
4	Conduct Groundwater Sampling
5	Install Monitoring Wells to complete offsite delineation upgradient, NW & West
6	GEPD Approval for PCS' Participation in VRP
7	Demonstrate Horizontal Delineation Upgradient offsite Complete
8	Conduct Groundwater Sampling
9	Complete Well Inventory and Document Status of Monitoring Wells
10	Preparation of Status Report & Update CSM
11	Submit Semi-annual Status Report to GEPD
12	MILESTONE 1: Within 12 months of enrollment complete horizontal delineation on-site
13	Develop and Finalize RRS for all RS in Soil and Groundwater
14	Conduct Groundwater Sampling
15	Preparation of Status Report & Update CSM
16	Submit Semi-annual Status Report to GEPD
17	Conduct Groundwater Sampling
18	Perform Groundwater Modeling
19	Preparation of Status Report & Update CSM
20	Submit Semi-annual Status Report to GEPD

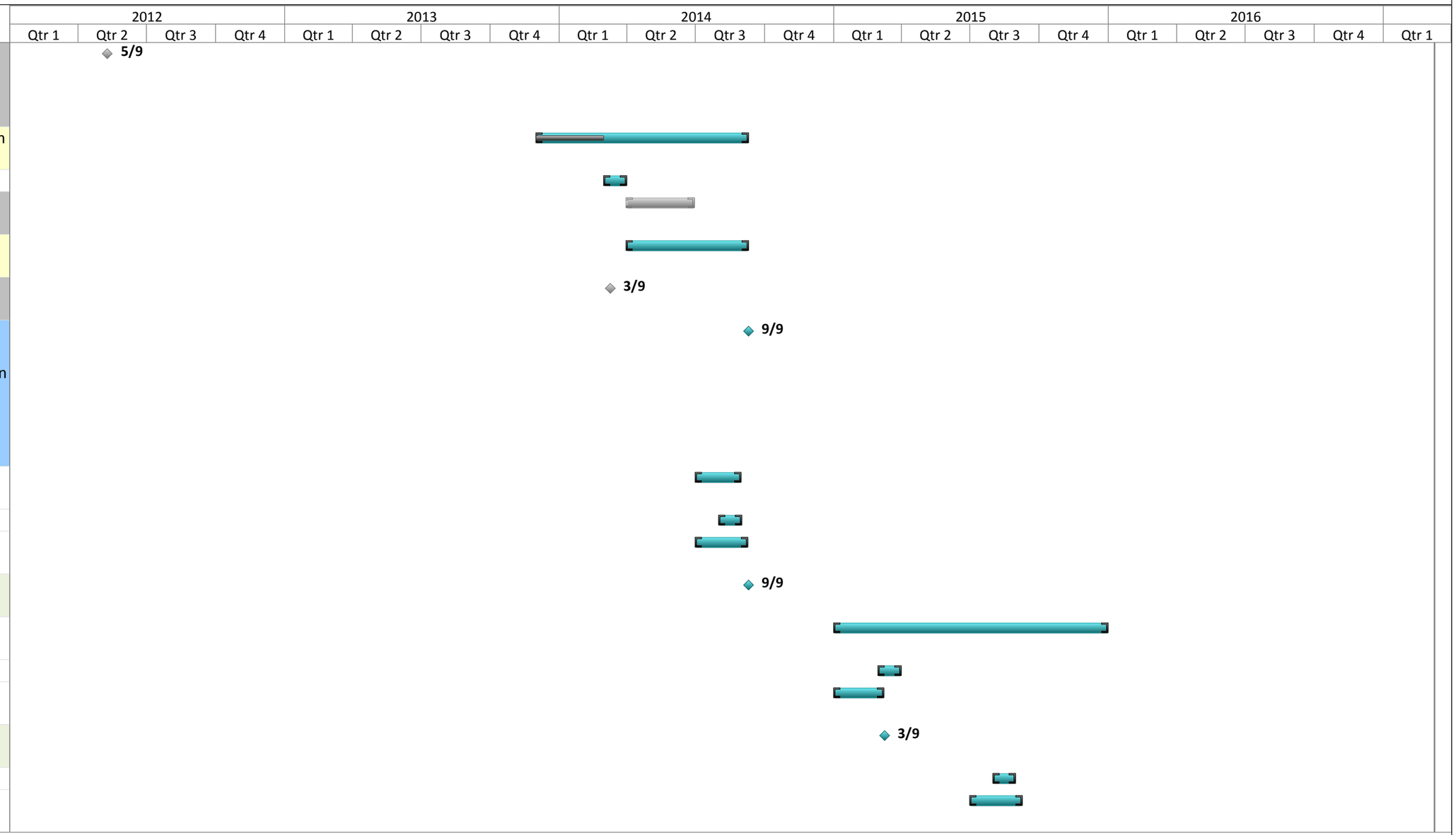


Attachment 3 VIRP Schedule.mpp
Date: Thu 3/6/14

Task		Project Summary		Inactive Milestone		Manual Summary Rollup		Deadline	
Split		Completed Tasks		Inactive Summary		Manual Summary		Progress	
Milestone		External Milestone		Manual Task		Start-only			
Summary		Inactive Task		Duration-only		Finish-only			

Attachment 3
Voluntary Investigation & Remediation Plan (VIRP)
Schedule

ID	Task Name
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
27	MILESTONE 3: Within 30 months after enrollment vertical delineation to be completed; finalize Remediation Plan and provide cost estimate for implementation of remediation and associated continuing action
28	Implementation of Hot Spot Remediation Action
29	Conduct Groundwater Sampling
30	Preparation of Status Report & Update CSM
31	Submit Semi-annual Status Report to GEPD
32	Preparation of Draft Environmental Covenant
33	Conduct Groundwater Sampling
34	Preparation of Status Report & Update CSM
35	Submit Semi-annual Status Report to GEPD
36	Conduct Groundwater Sampling
37	Preparation of Status Report & Update CSM



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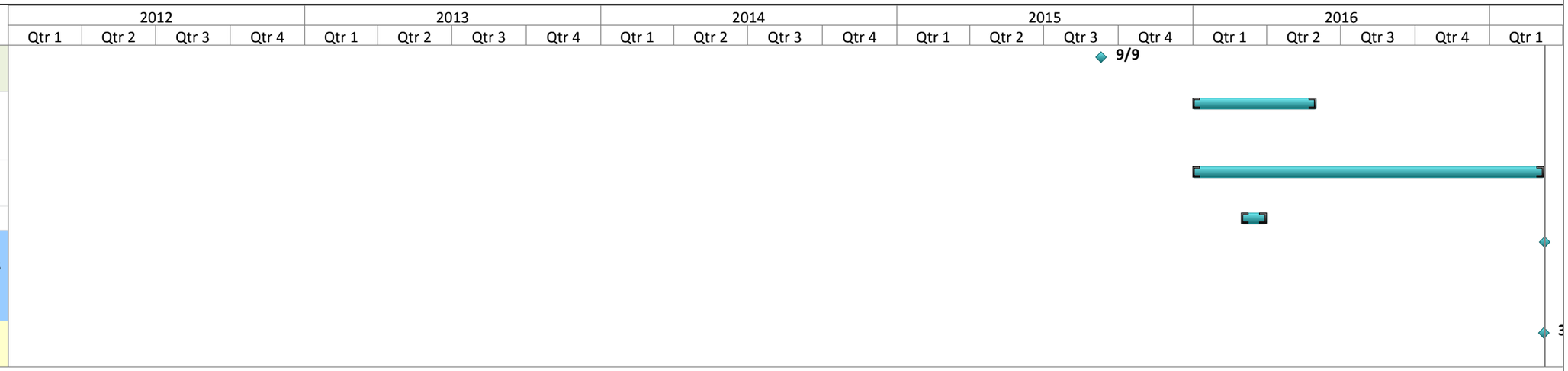
Task		Project Summary		Inactive Milestone		Manual Summary Rollup		Deadline	
Split		Completed Tasks		Inactive Summary		Manual Summary		Progress	
Milestone		External Milestone		Manual Task		Start-only			
Summary		Inactive Task		Duration-only		Finish-only			

Attachment 3
Voluntary Investigation & Remediation Plan (VIRP)
Schedule

ID	Task Name
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 3 VIRP Schedule.mpp
Date: Thu 3/6/14

Task		Project Summary		Inactive Milestone		Manual Summary Rollup		Deadline	
Split		Completed Tasks		Inactive Summary		Manual Summary		Progress	
Milestone		External Milestone		Manual Task		Start-only			
Summary		Inactive Task		Duration-only		Finish-only			