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March 6, 2015

Mr. David Brownlee
Voluntary Remediation Program Manager
Georgia Environmental Protection Division
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Subject: **Voluntary Remediation Program**
Compliance Status Report
Former Farmers Favorite Fertilizer Site
Moultrie, Colquitt County, Georgia
HSI Number: 10259

Dear Mr. Brownlee:

AECOM through URS Corporation (URS) is submitting this Voluntary Remediation Program (VRP) Compliance Status Report (CSR) on behalf of PCS Joint Venture, Ltd. (PCS). This submittal follows the recommendation stated in the September 9, 2014, Progress Report. Previously, documents and correspondences were submitted for the former Farmers Favorite Fertilizer Site in Moultrie by URS. As of January 1, 2015, URS became a wholly-owned subsidiary of AECOM and hereafter URS is referred to as AECOM.

As a result of the investigation and remediation of the Site in Moultrie, the results of Site fate and transport modeling, and the preparation of the Environmental Covenants for the Site parcels, the Site is now compliant with the standards and requirements of the VRP. Upon approval and recording of the Environmental Covenant and approval of this VRP CSR by EPD, PCS requests that EPD issue a written concurrence with this VRP CSR and with PCS' satisfaction of the Consent Order, and that EPD remove the Site from the HSI.

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

Sincerely,

Jeffry R. Wagner
Project Manager

Candace Beauvais
Project Hydrogeologist
Georgia PG License # 2067

JRW/CB/lc

cc: Michael Brom, PCS Joint Ventures, Ltd.
David Reuland, GEPD
Bill Williams, GEPD

REPORT

VOLUNTARY REMEDIATION PROGRAM
COMPLIANCE STATUS REPORT

FORMER FARMERS FAVORITE FERTILIZER SITE

315 4TH AVENUE
MOULTRIE, COLQUITT COUNTY, GEORGIA

HSI #10259

March 9, 2015

AECOM through URS Corporation, a wholly-owned subsidiary
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Statement of Findings

This Voluntary Remediation Program (VRP) Compliance Status Report (VRP CSR) has been prepared on behalf of PCS Joint Venture, Ltd. (PCS), for the former Farmers Favorite Fertilizer (FFF) site located in Moultrie, Georgia (HSI # 10259) (Site) in accordance with the Voluntary Remediation Program Act (VRPA). The Site was listed on the Hazardous Site Inventory (HSI) in 1994, and the parties entered into Consent Order EPD-HSR-122 (Consent Order) related to Site activities in 1999. Most Site work was completed by 2011, and EPD accepted the Site into the Voluntary Remediation Program in 2012. Since entering the VRP, the Site has undergone semi-annual sampling, as well as development and refinement of the Site conceptual model and Site-related groundwater flow/fate and transport modeling. PCS has submitted the required Semi-Annual Progress Reports in March and September of each year documenting this work. As presented to EPD in July 2014 and further documented in our September 2014 Semi-Annual Progress Report, the Site VRP activities are now complete. In accordance with the VRPA and the schedule established in 2014, PCS's environmental professional AECOM (formerly URS Corporation) is submitting the required VRP CSR documenting compliance with the provisions, purposes, standards and policies of the VRP and certifying compliance with Risk Reduction Standards (RRS).

Specifically, this VRP CSR includes (a) an overview of historical Site operations and Site parcel information, (b) a summary of the Site investigation and remediation activities performed under HSRA (in accordance with the Site consent order) and the VRP, (c) the conceptual site model for the Site and underlying geological and hydrological setting, (d) the Environmental Covenant proposed for the Site parcels, and (e) the Site's certification to compliance with Risk Reduction Standards. The following provides a concise overview of the findings presented in this VRP CSR.

As set forth in detail in PCS' Voluntary Investigation and Remediation Plan (VIRP) and Section 1.3 of this VRP CSR, historical operations at the Site consisted of activities associated with the production of fertilizer. These operations included, at various times, production of sulfuric acid and phosphate, superphosphate, and potassium fertilizers. Acid production ceased in 1982; remaining manufacturing operations largely ceased in the early 1990s, with the remaining operations (NPK granular fertilizer) ceasing in 2007. Site activities are now limited to operation by Griffin Terminal of a blending process and shipment of the customized fertilizer blends by truck to the customer.

Site investigation under HSRA and the VRP identified the presence of regulated substances, primarily lead and arsenic, in soil and groundwater associated with historical Site operations. The original 1998 Site CSR and addendums thereto (collectively, the CSR) document the delineation of Site constituents of concern (COCs) in soil and groundwater. Additional delineation of groundwater was performed as part of the VRP activities and final groundwater delineation was presented in the Semi-Annual Progress Reports. Groundwater impact is limited to the Qualifying Property, as defined in the VIRP and Section 1.2 of this VRP CSR.

A number of remedial measures have been implemented to address conditions identified in the Site investigation as not meeting RRS. As discussed in detail in the VIRP, the July 2014 meeting materials, and Section 3 of this report, soil remediation activities were implemented prior to VRP enrollment. The Site clean-up goals established and approved by EPD as part of the

1998 CSR and related submittals were based on Type 3 soil Risk Reduction Standards except for lead (Type 4 based on GALM). Confirmatory soil sampling at the time following excavation indicates that all soils remaining meet the RRS. Following completion of all remedial work and as part of the VRP activities, supplemental confirmatory sampling was performed in the vicinity of the former wastewater ponds, which sampling confirmed that remaining soils in this area were not impacted and met applicable RRS. Thus, impacted soils for the Site have been remediated to meet applicable RRS, and the Site soil conditions are in compliance with the standards and requirements of the VRP.

Groundwater monitoring has been conducted at the Site on a regular frequency since 2000. A groundwater flow and fate and transport model was completed for the Site in late 2013 and was presented to EPD in the March 2014 Semi-Annual Report as well as in a meeting with EPD in July 2014. The purpose of the modeling effort was to determine the fate of Site COCs in the groundwater beneath the Site and to assess the possibility of impacts to potential receptors. The groundwater plume has reached steady-state conditions whereby further plume expansion and/or migration should be very limited. As detailed in the March 2014 Groundwater Modeling Report and summarized in Section 3.5, COCs are predicted to remain within the Site parcels and existing conditions are protective of the down-gradient receptor/Point of Exposure. Site parcels will meet groundwater RRS through implementation of Environmental Covenants, the proposed form of which is provided in Appendix C.

As a result of the investigation and remediation of the Site, the results of Site fate and transport modeling, and the preparation of the Environmental Covenants for the Site parcels, the Site is now compliant with the standards and requirements of the VRP. Upon approval and recording of the Environmental Covenant and approval of this VRP CSR by EPD, PCS requests that EPD issue a written concurrence with this VRP CSR and with PCS' satisfaction of the Consent Order, and that EPD remove the Site from the HSI.

COMPLIANCE STATUS CERTIFICATION

I certify under penalty of law that this report and all attachments were prepared under my direction in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, 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.

Based upon my review of the findings of this Voluntary Remediation Program (VRP) Compliance Status Report (CSR) with respect to the Soil Risk Reduction Standards (RRSs), I have determined that the site is in compliance with Type 3/4 Soil RRSs. With the use of the Environmental Covenants, the Site groundwater complies with the provisions, purposes, cleanup standards, and policies of the VRP (per OCGA 12-8-108(7)).

Signature: 

Printed Name: Michael Brom

Title: Director, Environment
PCS Joint Venture, Ltd.

Date: 2/24/15

"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 provided supervision for the preparation of this Voluntary Remediation Program Compliance Status Report.

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, P.G.

Registered Professional Geologist No. 002067

March 6, 2015

Date

1.1 PURPOSE

This VRP CSR has been prepared on behalf of PCS for the former Farmers Favorite Fertilizer Site located in Moultrie, Colquitt County, Georgia. A Voluntary Investigation and Remediation Plan (VIRP) and VRP Application were submitted for this Site on December 15, 2011 and EPD accepted the Site into the VRP by letters dated March 9, 2012. Requested revisions to the VIRP were submitted to EPD on May 21, 2012. Since that time, the VIRP has been implemented and the work was summarized in semi-annual progress reports submitted to EPD from September 2012 through September 2014. The scope of work presented in the VIRP was completed as of the August 2014 groundwater sampling event, which results are presented in this VRP CSR in accordance with the schedule presented in the March 2014 Semi-Annual Progress Report. In accordance with the VRPA, PCS, through its environmental professional, AECOM, is submitting the required VRP CSR documenting compliance with the provisions, purposes, standards, and policies of the VRP and certifying compliance with applicable cleanup standards. Previously, documents and correspondences from the environmental professional were submitted by URS Corporation (URS). As of January 1, 2015, URS became a wholly-owned subsidiary of AECOM and hereafter URS is referred to as AECOM.

1.2 LOCATION

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, which began operations at part of the Site in 2007, is not associated with the FFF corrective actions being conducted for HSI #10259. The Site is comprised of approximately 19.9 acres. The Site 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.

As presented in the VIRP, the property parcels associated with the Site are the following:

- M033-033 owned by PCS – 2.48 acres
- M034-001 owned by Griffin – 9.9 acres
- M023-199 owned by Griffin – 2.68 acres
- M033-034 owned by PCS – 0.37 acres
- M033-032 owned by PCS – 1.22 acres
- M024-215 owned by Griffin – 1.86 acres
- M024-214 owned by Griffin – 1.37 acres

The seven parcels identified above comprise the property where the former fertilizer and sulfuric acid manufacturing operations conducted business. These property parcels are identified on **Figure 2** and, per the VIRP, constitute the Qualifying Property under the VRP.

Properties abutting the Qualifying Property are shown on **Figure 2,** along with the parcel identification numbers.

The Warranty Deeds for the Qualifying Property are included as **Appendix A**.

1.3 OVERVIEW OF SITE HISTORY

The following provides an overview of the Site History. A detailed description of historical Site operations and the Site regulatory history was provided in the CSR and in the VIRP.

1.3.1 Overview of Historical Site Operations

Sulfuric acid production was started at the Site about 1948 by C.O. Smith Guano Company. Originally there were two reaction chambers. By 1950, four additional chambers were installed increasing sulfuric acid production. In 1962, the business was sold to Columbia Nitrogen Corporation (CNC). During this time of ownership, wastewater ponds were constructed as part of the fertilizer production near the south-central portion of the Site. In 1982, CNC sold the business to Florida Favorite Fertilizer. The Moultrie operation was named Farmers Favorite Fertilizer. Manufacturing of sulfuric acid ceased in 1982 and sulfuric acid was instead transported to the Site via rail. In 1985, FFF installed process equipment to allow recirculation of plant effluent to maintain a closed system and eliminated discharges to the wastewater ponds. In 1986 the wastewater pond system was removed with 5,000 ton of sludge excavated and disposed of as non-hazardous waste at the local county landfill.

The FFF business was acquired by PCS in 1992. During the summer of 1996, PCS dismantled the sulfuric acid plant. A majority of the plant material was composed of lead which was disposed of through a metals recycler. PCS sold the business and a number of the Site parcels to Griffin Terminal Services (Griffin) in 2007. After 2007, Griffin disassembled and removed all former fertilizer production equipment. The current Griffin operation receives granular fertilizer by truck and rail and stores it in warehouses on-site. The operation is a blending process and ships the customized fertilizer blends by truck to the customer.

1.3.2 Overview of Site Regulatory History

The Site was listed on the HSI in 1994 based on data that had been developed in prior initial investigations. EPD thereafter issued a CSR "call in" letter, and the initial CSR was submitted to EPD in 1998. Following that, EPD and PCS entered into the Consent Order, which established a schedule for further investigation and, if needed, corrective action for the Site. The CSR was revised a number of times to address EPD comments (CSR Addendums #1 through #4), which presented the delineation of soil and groundwater as well as the status of each related to Risk Reduction Standards. As outlined in Section 3.2, corrective action for soil was implemented at the Site in accordance with the Site Corrective Action Workplan for soil from 2005 through 2006, and completion reports were submitted to EPD.

Semi-annual groundwater monitoring began in 2009, in accordance with the Site Groundwater Monitoring Plan, which identified the COCs for the Site and the protocols for continued monitoring of groundwater conditions.

In 2011, with most of the Site work accomplished, PCS, with EPD's support, submitted an application to the VRP. By letters dated March 9, 2012, EPD accepted the Site into the VRP. PCS submitted the requested revisions to the VIRP in May 2012, and has since submitted the required Semi-Annual Progress Reports as well as annual financial assurance documentation.

PCS implemented the required elements of the VIRP and documented these actions in the Semi-Annual Monitoring Reports from 2012 through this VRP CSR. As suggested in the VIRP approval letter, PCS met with EPD in July 2014 to discuss the proposed Site soil and groundwater certifications, including the modeling and other efforts performed to support Site certification. Per the July 2014 meeting, PCS set the August 2014 semi-annual sampling event as the final groundwater monitoring event and set March 9, 2015 as the target for submittal of this VRP CSR.

This section summarizes the Conceptual Site Model, the results of Site investigations and remediation efforts completed for the Site.

2.1 CONCEPTUAL SITE MODEL

Using the nearly two decades of information that is available for this Site, a robust conceptual site model (CSM) for the former FFF Site in Moultrie has been developed. A full CSM was presented in detail in the September 9, 2012 Semi-Annual Progress Report, and has been updated as needed in the subsequent Semi-Annual Progress Reports. The CSM is illustrated in **Figure 10**. Operations associated with the fertilizer manufacturing business ceased more than 30 years ago. The former primary source areas for the Site are well defined and are shown on **Figure 3**. The former sulfuric acid plant area was remediated in 2005. The former waste water ponds and sludges were removed in 1986. As discussed in Section 3.3 of the VIRP, the Site investigations under HSRA for the source areas led to the identification of lead and arsenic as the primary COCs, with additional metals also identified in those areas impacted by lead and arsenic.

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

As discussed in the VIRP, air and vapor intrusion are not exposure pathways for this Site. The soil exposure pathway for both direct contact and leaching potential has been remediated and no further action is required. As presented in detail in the CSR 4th Addendum and Section 3.4.7 of the VIRP, 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 of these evaluations were presented in the CSR 4th Addendum and, as summarized in the VIRP, the findings indicate that no further assessment is required. The surface water and ecological receptors are incomplete pathways.

Groundwater conditions originating at the Site have been delineated both vertically and laterally. Source removal, including excavation and treatment of soils, was completed for the former sulfuric acid plant area in 2004. Groundwater sampling in this area indicates source removal was effective. Additional assessment in the area of the former waste water ponds location was conducted in March 2014. The results indicate residual COC impacts in the unsaturated soils are not present. Furthermore, soil sampling within the upper saturated zone indicates the absence of COC concentrations that would contribute to COC mass within the saturated zone soils. No other known source areas exist for the Site and the current plume conditions can likely be explained as the residual of 50 + years of source leaching in the shallow perched groundwater. Simulations show that current conditions projected forward 100 years predict that the plume is stable and does not travel off-site and specifically, predicts no impact to the VRP-defined default “point of exposure”. As discussed in detail in Section 3.4.8 of the VIRP and in this VRP CSR, the Site does not pose a threat to the Moultrie municipal water supply source or the Floridan aquifer.

2.2 GEOLOGIC AND HYDROGEOLOGIC FRAMEWORK

As presented in detail in the VIRP, the geologic structures (**Figure 4**) present in the Moultrie area (**Figure 5**) have controlled sedimentation and influenced the hydrogeology and water exchange between hydrogeologic units and the surface water through time. More than 300 ft of clastic sediments overlie the primary groundwater aquifer system, the Floridan aquifer, for the Moultrie area (**Figure 6**). Local tectonics associated with altered crystalline basement rocks, differential compaction, and solution and collapse have affected the accumulation and lithology of the sediments beneath the Moultrie area. A depositional feature, in which Moultrie lies at the center, stretches from the Atlantic Ocean to the Gulf of Mexico (from the Savannah area through Moultrie and southwest through Panama City, Florida). The feature in southwest Georgia is referred to as the Gulf Trough (USGS, 2010). There has been a nearly continuous sequence of filling of the southwest-plunging syncline with Jurassic clastic sediments, followed in more recent geologic time with a thickening of Oligocene to Miocene sediments. These sediments have severely restricted infiltration of rainfall to the Floridan aquifer (the primary drinking water source) locally in the Moultrie area (USGS, 2010). These Miocene sediments have low water transmitting ability throughout the structural feature.

2.2.1 Surficial Aquifer

Beneath the Moultrie area, the surficial aquifer is very thin to absent and has discontinuous distribution that is primarily occurring within the floodplains of streams in the area (**Figure 7**). The water-bearing characteristics tend to be very limited and unreliable during drought conditions (USGS, 2010). This unit is not present beneath the Site.

2.2.2 Upper Confining Unit

The thick, massive clay Miocene sediments (**Figure 6**) beneath the Moultrie area comprise the hydrogeologic unit referred to as the Upper Confining Unit. This unit hydraulically separates the land surface from the Floridan aquifer. The Floridan aquifer serves as the primary source for water supplies and is the drinking water source for the Moultrie water system (USGS, 2010). The thickness of low-permeability fine-grained clay and clastic sediments constituting the upper confining unit creates a hydraulic barrier to groundwater that severely limits recharge from precipitation falling on the surface and prevents vertical leakage from reaching the underlying Floridan aquifer (USGS, 2010).

Thin water bearing zones exist within the upper portion of the confining unit. These are the groundwater zones impacted beneath the Site.

2.2.3 Floridan Aquifer

The Floridan aquifer beneath the Moultrie area is not recharged locally and thus is derived from transport from the carbonates outcrop area 40 to 80 miles upgradient and outside of the Gulf Trough feature. Drinking water wells installed in the Floridan aquifer beneath Moultrie are on the order of 700 to 900 feet below land surface (ft bls) and are constructed as open-hole, with the bottom of casings around 450 ft bls. The top of the Floridan aquifer lies more than 100 ft below sea level, or about 300 to 400 ft bls in the vicinity of Moultrie (**Figure 8**). Slow-moving groundwater across the Gulf Trough region coupled with slow downward vertical flow from

upper to lower limestone units within the aquifer resulted in 40 to 50 ft of groundwater decline since 1969 in southeastern Colquitt County. Dry climatic conditions during the 1980s through the early 2000s contributed to seasonal and long-term groundwater level decline by reducing recharge to the aquifer and increasing hydrologic stress as a result of agricultural pumpage. The lack of recharge is resulting in the depletion of the groundwater resource within the Floridan aquifer.

2.3 GROUNDWATER FLOW DIRECTION

A detailed analysis of groundwater flow direction and gradient was presented in the VIRP, and flow direction has been evaluated with each semi-annual sampling event, as documented in the Semi-Annual Progress Reports. The general direction of groundwater flow across the Site is to the southeast. This direction is consistent for both water-bearing zones monitored within the upper confining unit. Potentiometric maps for the shallow and intermediate water-bearing zone are presented on **Figure 9**. Depth to groundwater measurements and groundwater elevations are summarized in **Table 1**. Groundwater elevations have been collected during semi-annual events since 2006. A summary of historical hydrogeologic data, including direction of groundwater flow, horizontal gradients, and groundwater flow rates, is presented in **Table 2.**

This section summarizes the results of Site soil and groundwater investigation, remediation and certifications with applicable standards of the VRPA.

3.1 SOIL DELINEATION AND DEVELOPMENT OF RISK REDUCTION STANDARDS

Soil delineation was completed for the Site during initial Site investigations and was reported in the original CSR, and was fully completed prior to enrollment in the VRP. The soil delineation and source area investigation were key components in developing the soil corrective action measures described below.

The Site clean-up goals established and approved by EPD regarding the soil removal of the former Sulfuric Acid Plant area were based on Type 3 soil Risk Reduction Standards (RRSs) except for lead. Lead was based on Type 4 RRS and calculated using the Georgia adult lead model (GALM). Based on the results, the RRS for lead from land surface to 2 feet below land surface (bls) was 930 milligrams per kilogram (mg/kg) and for soils deeper than 2 ft bls the lead RRS was 1,303 mg/kg. These standards were developed as part of the CSR and Corrective Action activities and are presented in the 2006 Corrective Action for Soil Report. The following summarizes all Site soil constituents of concern (COCs) metals.

COC	Soil RRS (mg/kg)
Antimony	10
Arsenic	41
Barium	1,000
Beryllium	3
Cadmium	39
Chromium	1,200
Cobalt	25
Copper	1,500
Lead (0-2 ft bls)	930
Lead (greater than 2 ft bls)	1,303
Mercury	17
Nickel	420
Selenium	36
Silver	10
Thallium	10
Zinc	2,800

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

3.2 CORRECTIVE ACTIONS FOR IMPACTED SOILS

A number of soil corrective measures were implemented at the Site to meet soil RRS, which corrective measures are documented in prior Site reports, including the Corrective Action for Soil Report, Golder Associates, August 2006. Additionally, in accordance with Section 4.5.1 of the VIRP, PCS performed the supplemental review of soil/groundwater data as requested by EPD's May 2009 corrective action comment letter, which supplemental review was provided in the September 2012 and September 2014 Semi-Annual Reports as well as the July 2014 meeting

materials. The following provides a summary of information related to Site soil corrective action and compliance with RRS, with reference to the detailed underlying reports.

3.2.1 Former Sulfuric Acid Plant Area

Soil Corrective Action implementation commenced on January 6, 2006 and the soil removal action was completed on March 9, 2006. The area requiring excavation of impacted soils was limited to the parcel of the Site where the former Sulfuric Acid Plant was located. The parcel and outline of excavation area are presented on **Figure 3**. The Sulfuric Acid Plant and associated structures were previously demolished and removed from the Site in 1996.

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

Complete details regarding the soil remediation in the Sulfuric Acid Plant were provided in the Corrective Action for Soil Report, Golder Associates, August 2006 and were summarized in the VIRP and in the September 2014 final Semi-Annual Progress Report.

3.2.2 Residual Soils along Existing Sanitary Sewer Line in Former Sulfuric Acid Area

As set forth in the Corrective Action for Soil Report, EPD's May 2009 Comment Letter, and Section 4.5.1 of the VIRP, due to the fragile nature of the terra cotta construction of the sewer line, impacted soils were left in place along the length of the sewer line. **Figure 3** shows the location of the existing sewer line. As summarized in the September 2012 Semi-Annual Progress Report and further presented in the July 2014 meeting materials, on June 19 2012, the City of Moultrie Director of Utilities communicated to URS that the sewer line had been inspected using a remotely operated video camera and that the line was determined to be in excellent condition without need of repair or replacement. The City also stated that the line would not be replaced any time in the foreseeable future. Per EPD's May 2009 comment letter, Section 4.5.1 of the VIRP, and the soil RRS requirements, PCS evaluated whether residual concentrations were impacting groundwater. Potential leaching of lead from soil in the area of the sewer line is monitored by monitoring well MW-7SR as approved by the EPD Corrective Action for Soil Response Letter dated May 29, 2009. Lead has not been detected in this well in concentrations exceeding the groundwater Type 1 RRS since 2001. This is also the case for MW-1SR where lead has not been detected above the Type 1 RRS since 2003. As detailed in prior reports, including the September 2012 Semi-Annual Report, the groundwater data documents that the residual soils do not pose a risk to groundwater and meet soil RRS.

3.2.3 Assessment in the vicinity of SS-21 and SS-17

As discussed in the September 2012 and September 2014 Semi-Annual Progress Reports, EPD's May 2009 comment letter requested that PCS demonstrate that soil at location SS-17 was protective of groundwater by monitoring groundwater conditions. To do this, EPD recommended monitoring of arsenic at MW-36S and MW-5SR. A complete historical summary of metals concentrations at the two wells was presented in Table 5 of the September 2012 report, and Appendix I of that report contains trend graphs for the two wells for a period beginning with the

2006 removal action through the March 2012 sampling event. As discussed in the Progress Reports, since the arsenic concentrations in these wells has hovered at or near the Type 1 RRS of 0.010 mg/L, the soil at SS-17 is protective of groundwater and meets soil RRS. Additionally, EPD's May 2009 comment letter requested that PCS collect verification soil samples for arsenic in the surface soil in the vicinity of SS-21. Per the September 2012 Semi-Annual Progress Report, verification samples were collected in March 2013, and these results confirmed that surface soil in this vicinity is well below Type3/4 RRS. The Table 5 referenced above and the soil verification data are included in **Appendix D**.

3.2.4 Former Waste Ponds Area

Soils in the area of the former Acidulation Ponds were assessed in 2001 and reported in the Compliance Status Report Addendum #4 dated December 2003. Soils were not impacted above the RRS soil concentrations and no corrective actions were required. The parcel and outline of the former ponds area are presented on **Figure 3**. The ponds were closed in 1986 and all pond sludges were removed and determined to be non-hazardous and disposed in the Colquitt County Landfill.

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

3.3 SOIL CONCLUSION/CERTIFICATION

As summarized above, soil RRSs were developed in the Site Compliance Status Reports (March 1998, June 2000, December 2003) and approved by EPD. The final soil RRSs are listed in the 2006 Corrective Action Soil Report and further refined as described above. Impacted soils for the Site have been remediated through Corrective Actions and Site soil conditions are in compliance with the applicable RRS in accordance with the VRP.

3.4 GROUNDWATER

Groundwater monitoring has been conducted since 2000 with semi-annual monitoring beginning in 2009 in accordance with an approved Groundwater Monitoring Plan. Historical sampling results are contained in **Table 3**. The monitoring network currently consists of 68 monitoring wells (**Figure 11**). Pursuant to the VIRP approvals, semi-annual groundwater monitoring has been performed in accordance with the 2010 Groundwater Monitoring Plan (as modified in 2011) and results reported in Semi-Annual Progress Reports submitted to EPD. Per the March 2014 Progress Report and the July 2014 meeting with EPD, the final semi-annual sampling event was completed in August 2014 and is being reported with this VRP CSR (**Appendix B**).

Horizontal and vertical delineation of Site groundwater has been completed. Initial delineation was demonstrated as part of the HSRA activities, and the final delineation sampling was performed in accordance with the VIRP. The September 2012 Semi-Annual Progress Report details the additional groundwater delineation sampling performed to finalize horizontal and vertical delineation. Regarding upgradient delineation, the September 2014 Semi-Annual Progress Report (Attachment 5- Response to EPD's June 13, 2014 Comments) provides additional information demonstrating that horizontal delineation of Site COCs has been achieved in the upgradient (northwestern) corner of the Site.

As demonstrated by the analytical results for the semi-annual sampling events presented in each of the Site Progress Reports, the constituent concentrations have remained relatively stable. Concentrations overall show trends for the Site COCs that are generally decreasing or stable which is an indication that the source removal has been effective.

3.5 GROUNDWATER FINDINGS AND CERTIFICATION

The March 2014 Site Modeling Report results (**Appendix E**) confirm the groundwater sampling data and further indicate concentrations have reached steady state conditions. The modeling results demonstrate that existing subsurface groundwater conditions are protective of the down-gradient receptor/Point of Exposure. **Figure 12** shows the extent of the Site arsenic and lead plume locations for a simulation of 100 years from the present.

As presented in the July 2014 meeting materials and various Progress Reports, the following is a summary of key Site conditions that support the findings that groundwater conditions meet the standards and policies of the VRPA:

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

- As discussed with EPD and detailed in the September 2014 Semi-Annual Progress Report, based on groundwater sampling results from upgradient, off-site monitoring well MW 48S, and historical land uses for adjacent properties, upgradient, off-site concentrations are not associated with the Site and an upgradient contamination source may be the cause of groundwater impacts in the northwest corner of the Site.

PCS has prepared an Environmental Covenant that is compliant with the VRP and plans to have the Covenant recorded on the Site parcels (as described in the VIRP) following approval of this VRP CSR. Section 4 of this VRP CSR presents the Environmental Covenants. With the recording of the Environmental Covenant, the Site groundwater will comply with the provisions, purposes, standards, and policies of the VRP (per OCGA 12-8-108(7)).

The draft Site Environmental Covenants presented in the VRP CSR are based on EPD's Uniform Environmental Covenant and have been drafted for the Site property parcels. Each Environmental Covenant will be executed upon EPD's approval of the VRP CSR. Copies of the proposed Environmental Covenants are presented in **Appendix D**. It should be noted that draft copies of the proposed Site Environmental Covenants were submitted with the September 2014 Progress Report. These previous drafts have been modified since the progress report was submitted and represent input from the current property owner. With the recording of the Environmental Covenants, the Site groundwater will comply with the provisions, purposes, standards, and policies of the VRPA. A summary of the Environmental Covenant conditions follows:

- Future Property use is only for non-residential uses
- Any activity on the property that may result in the release or exposure to the regulated substances that were contained as part of the Corrective Action, or create a new exposure pathway, is prohibited
- The use or extraction of groundwater beneath the Property for drinking water or for any other non-remedial purposes shall be prohibited

PCS will implement the notice and recording procedures once EPD concurs with this VRP CSR including the draft Environmental Covenants.

During the July 2014 meeting with EPD, PCS discussed the plans to end groundwater monitoring as of August 2014 and the fact that future groundwater monitoring was not needed and that this would be one of PCS's VRP CSR recommendations. EPD did not have any objections to these discussion points.

As part of the close out of activities associated with the Voluntary Remediation Program for the former Farmers Favorite Fertilizer Site in Moultrie, it is recommended that the 68 groundwater monitoring wells be decommissioned and abandonment in accordance with the Georgia Water Well Standards Act of 1985 (12-5-120 part 134 Standards for Wells and borehole. Additionally, as appropriate the EPA Region 4 Guidance by the Science and Ecosystem Support Division (SESD), Athens, Georgia, *"Design and Installation of Monitoring Wells"* (January 29, 2013) (SESDGUID-101-R1) *Section 2.8 Well Decommissioning (Abandonment*) must also be followed. A licensed Georgia Geologist will oversee the abandonment program.

All 68 monitoring wells are constructed within the Upper Confining Unit. The well depths range from 12 to 54 ft below land surface. All wells are 2 inch diameter PVC cased wells. Twelve of the wells have 6 inch PVC outer casings installed from 17 ft to 36 ft below land surface. Screen intervals are generally 10 ft in length and are slotted PVC material. The detailed construction specifications are included in **Table 4**. The locations of the monitoring wells are shown on **Figure 11.**

Based on the Georgia well abandonment guidance the following abandonment procedures will be followed:

- Locate monitoring well (**Figure 10**)
- Identify monitoring well and confirm with total depth measurement
- Take photograph of monitoring well showing pre-abandonment condition
- The PVC casing (and outer casing if present) will be cut 3 ft below land surface.
- Initiate well abandonment procedures. All wells will be pressure grouted from bottom to top using a cement grout.
- The remaining hole to land surface will be filled with cement grout.
- Take a photograph after abandonment.
- Once cement dries check for slumping at each location and backfill with soil to land surface.

This procedure will be repeated for each well abandonment.

With this VRP CSR, PCS has documented that Site soil and groundwater meet the standards and requirements of the VRP, and has certified compliance of Site conditions with these standards.

In accordance with the VRP requirements, PCS will publish public notice of the VRP CSR in accordance with O.C.G.A. § 12-8-107(f). Once the public notice period is complete, PCS requests that EPD issue written concurrence with the VRP CSR in accordance with O.C.G.A. § 12-8-107(f). Once PCS receives receipt of EPD concurrence, the following Site compliance actions will occur:

1. The approved Environmental Covenant language will be provided to the required recipients prior to execution in accordance with the Uniform Environmental Covenants Act.
2. PCS will implement plugging and abandonment of all Site monitoring wells by a bonded Georgia drilling contractor in accordance with Georgia law.
3. Following the 30 day notice period provided for in Item 1, PCS will coordinate execution of the ECs by all parties. Upon receipt of the executed ECs, PCS will record the ECs with Colquitt County, will provide proof of filing to EPD, and will comply with the notice requirements of Section 7 of the ECs.

Following these actions, the Site will be ready for removal from the HSI in accordance with O.C.G.A.§ 12-8-107(f). Since the requirements of the Site Consent Order will be satisfied, PCS requests written confirmation for its records documenting that the Site Consent Order is closed out.

Per EPD's VIRP acceptance letter, PCS has submitted financial assurance to EPD each year since enrollment, pending completion of the groundwater modeling work. PCS' annual financial assurance estimate for the Site has been updated based on the certifications set forth in this VRP CSR, and PCS no longer anticipates any costs for continuing actions or controls at the Site. The only remaining costs relate to monitoring well closure and coordination of the Environmental Covenants, work that will be completed in the short term and at relatively de minimis cost. For these reasons, the financial assurance requests have been satisfied and updated annual financial assurance documentation no longer appears to be necessary.

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TABLES

TABLE 1
GROUNDWATER ELEVATION SUMMARY
Former Farmers Favorite Fertilizer
Moultrie, Florida

Well No.	MW-1S-R		MW-1I-R		MW-2S		MW-2I		MW-3S		MW-3I		MW-4S		MW-5S-R	
Diameter (in)	2		2		2		2		2		2		2		2	
Well Depth	12		34.5		14		35		14		40		12		14	
Screen Interval	2 - 12		30 - 34.5		4 - 14		30 - 35		4 - 14		35 - 40		2 - 12		4 - 14	
Well Head Stick-up	2.68		2.72		Flush to Grade		Flush to Grade		NM		NM		Flush to Grade		2.74	
TOC Elevation	295.54		295.48		292.81		293.15		300.89		300.87		287.26		293.27	
Date	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**
11/7/2006	288.35	7.19	287.59	7.89	289.45	3.36	286.36	6.79	284.89	8.16	385.55	8.16	284.80	2.46	286.47	6.80
8/24/2009	288.64	6.90	287.53	7.95	288.79	4.02	286.26	6.89	287.06	5.99	385.52	8.19	284.86	2.40	286.99	6.28
2/22/2010	292.11	3.43	288.75	6.73	291.37	1.44	287.54	5.61	288.26	4.79	386.70	7.01	285.44	1.82	289.13	4.14
8/23/2010	289.27	6.27	287.85	7.63	289.70	3.11	286.73	6.42	287.36	5.69	385.84	7.87	285.33	1.93	287.37	5.90
2/21/2011	290.06	5.48	287.95	7.53	289.54	3.27	286.68	6.47	288.27	4.78	385.91	7.80	285.13	2.13	287.96	5.31
8/22/2011	288.24	7.30	286.92	8.56	287.90	4.91	285.63	7.52	287.83	5.22	384.98	8.73	285.57	1.69	286.39	6.88
3/12/2012	290.13	5.41	288.14	7.34	290.40	2.41	286.85	6.30	289.05	4.00	386.11	7.60	285.04	2.22	288.17	5.10
5/9/2012	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM
8/20/2012	290.04	5.50	288.29	7.19	290.39	2.42	287.03	6.12	288.81	4.24	386.28	7.43	285.42	1.84	288.03	5.24
3/11/2013	289.86	5.68	288.34	7.14	289.74	3.07	287.12	6.03	289.31	3.74	386.30	7.41	285.04	2.22	288.09	5.18
8/19/2013	292.39	3.15	292.40	3.08	292.16	0.65	288.00	5.15	291.60	1.45	387.20	6.51	285.58	1.68	289.66	3.61
3/3/2014	290.73	4.81	288.50	6.98	290.21	2.60	288.26	4.89	288.06	4.99	390.48	3.23	284.98	2.28	288.46	4.81
8/4/2014	288.47	7.07	287.48	8.00	287.72	5.09	286.20	6.95	288.81	12.08	287.37	13.50	284.74	2.52	286.62	6.65

Notes:
All Measurements = Feet (ft) unless otherwise indicated
in = Inches
Elev. = Elevation
DTW = Depth To Water
TOC = Top Of Casing
NM = Not Measured
NA = Not Available
NI = Not Installed
MW-3S and MW-3I had above ground well casings installed and were resurveyed on 03/13/14

TABLE 1
GROUNDWATER ELEVATION SUMMARY
Former Farmers Favorite Fertilizer
Moultrie, Florida

Well No.	MW-6S-R		MW-6I		MW-7S-R		MW-7I		MW-8I		MW-9S-R		MW-10S-R		MW-10I		MW-11S	
Diameter (in)	2		2		2		2		2		2		2		2		2	
Well Depth	14		33		14		49.5		35		14		14		40		12	
Screen Interval	4 - 14		28 - 33		4 - 14		39.5 - 49.5		30 - 35		4 - 14		4 - 14		35 - 40		2 - 12	
Well Head Stick-up	2.90		Flush to Grade		3.05		Flush to Grade		2.92		2.88		2.84		2.73		2.70	
T.O.C. Elevation	300.34		293.41		296.45		295.13		299.94		293.57		290.14		289.67		290.97	
Date	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**
11/7/2006	293.92	6.42	287.20	6.21	288.40	8.05	285.61	9.52	NI		287.42	6.15	282.68	7.46	282.63	7.04	283.94	7.03
8/24/2009	293.90	6.44	287.23	6.18	288.75	7.70	285.61	9.52	NI		287.35	6.22	283.00	7.14	282.59	7.08	283.67	7.30
2/22/2010	295.35	4.99	288.49	4.92	291.90	4.55	287.46	7.67	288.92	11.02	288.37	5.20	284.35	5.79	284.25	5.42	287.35	3.62
8/23/2010	293.81	6.53	287.67	5.74	289.40	7.05	285.92	9.21	287.99	11.95	287.51	6.06	283.42	6.72	283.03	6.64	284.87	6.10
2/21/2011	294.06	6.28	287.71	5.70	289.74	6.71	285.96	9.17	288.11	11.83	287.74	5.83	283.60	6.54	283.34	6.33	285.82	5.15
8/22/2011	293.43	6.91	286.79	6.62	288.40	8.05	285.02	10.11	287.11	12.83	286.88	6.69	282.31	7.83	281.65	8.02	282.40	8.57
3/12/2012	294.31	6.03	287.91	5.50	289.93	6.52	286.14	8.99	288.28	11.66	287.94	5.63	283.79	6.35	283.60	6.07	286.00	4.97
5/9/2012	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM
8/20/2012	294.15	6.19	288.08	5.33	289.76	6.69	286.07	9.06	288.43	11.51	287.94	5.63	283.66	6.48	283.44	6.23	285.41	5.56
3/11/2013	294.07	6.27	288.12	5.29	289.58	6.87	286.41	8.72	288.51	11.43	287.98	5.59	283.80	6.34	283.95	5.72	286.47	4.50
8/19/2013	296.76	3.58	289.07	4.34	291.44	5.01	287.60	7.53	289.42	10.52	289.15	4.42	285.47	4.67	284.37	5.30	288.16	2.81
3/3/2014	294.96	5.38	288.26	5.15	290.92	5.53	286.52	8.61	288.66	11.28	288.14	5.43	284.06	6.08	283.07	6.60	286.77	4.20
8/4/2014	293.32	7.02	287.30	6.11	288.33	8.12	285.55	9.58	287.64	12.30	287.25	6.32	282.85	7.29	282.58	7.09	283.94	7.03

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

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

TABLE 1
GROUNDWATER ELEVATION SUMMARY
Former Farmers Favorite Fertilizer
Moultrie, Florida

Well No.	MW-12S		MW-12I		MW-13S-R		MW-13I		MW-15S		MW-18S		MW-19S		MW-20S		MW-21S	
Diameter (in)	2		2		2		2		2		2		2		2		2	
Well Depth	25		38		14		54		20		13		13		15		20	
Screen Interval	15 - 25		33.5 - 38		4 - 14		44 - 54		10 - 20		3 - 13		3 - 13		5 - 15		5 - 20	
Well Head Stick-up	Flush to Grade		Flush to Grade		3.06		Flush to Grade		Flush to Grade		Flush to Grade		3.04		Flush to Grade		Flush to Grade	
T.O.C. Elevation	295.61		295.68		292.49		299.29		295.38		285.48		287.75		284.58		288.67	
Date	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**
11/7/2006	285.08	10.53	285.22	10.46	NM	6.33	284.77	14.52	285.92	9.46	283.82	1.66	NM	0.68	280.80	3.78	284.86	3.81
8/24/2009	285.24	10.37	285.26	10.42	NM	5.72	284.89	14.40	285.97	9.41	284.06	1.42	NM	1.24	282.02	2.56	285.36	3.31
2/22/2010	286.71	8.90	286.24	9.44	288.69	3.80	285.94	13.35	287.15	8.23	284.98	0.50	284.61	3.14	283.88	0.70	285.72	2.95
8/23/2010	285.50	10.11	285.55	10.13	287.09	5.40	285.15	14.14	286.26	9.12	284.58	0.90	284.03	3.72	282.98	1.60	285.38	3.29
2/21/2011	285.40	10.21	285.59	10.09	287.60	4.89	284.69	14.60	286.23	9.15	284.23	1.25	283.13	4.62	283.70	0.88	285.27	3.40
8/22/2011	284.69	10.92	284.69	10.99	286.29	6.20	284.27	15.02	-	NM	283.62	1.86	282.65	5.10	281.08	3.50	284.54	4.13
3/12/2012	285.59	10.02	285.77	9.91	287.87	4.62	285.36	13.93	286.48	8.90	284.28	1.20	283.31	4.44	283.54	1.04	285.49	3.18
5/9/2012	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM
8/20/2012	285.83	9.78	285.96	9.72	287.75	4.74	285.51	13.78	286.47	8.91	284.67	0.81	283.87	3.88	283.11	1.47	285.80	2.87
3/11/2013	285.88	9.73	286.02	9.66	288.14	4.35	285.73	13.56	286.75	8.63	284.46	1.02	283.48	4.27	283.48	1.10	285.67	3.00
8/19/2013	286.87	8.74	286.90	8.78	289.15	3.34	286.44	12.85	287.68	7.70	285.51	-0.03	284.76	2.99	284.33	0.25	287.51	1.16
3/3/2014	285.92	9.69	286.17	9.51	288.24	4.25	287.72	11.57	286.65	8.73	284.79	0.69	283.78	3.97	283.57	1.01	287.28	1.39
8/4/2014	285.14	10.47	285.22	10.46	286.80	5.69	284.40	14.89	285.85	9.53	284.90	0.58	283.31	4.44	282.06	2.52	285.43	3.24

Notes:
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TABLE 1
GROUNDWATER ELEVATION SUMMARY
Former Farmers Favorite Fertilizer
Moultrie, Florida

Well No.	MW-22S		MW-23S		MW-24S		MW-25S		MW-26S		MW-27S-R		MW-28S		MW-29S		MW-30S	
Diameter (in)	2		2		2		2		2		2		2		2		2	
Well Depth	16.5		32.25		30.75		15.25		20		14		26		29		39	
Screen Interval	6.5 - 16.5		22.25 - 32.25		20.75 - 30.75		5.25 - 15.25		5 - 20		4 - 14		16 - 26		19 - 29		18.5 - 38.5	
Well Head Stick-up	Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade		2.95		Flush to Grade		Flush to Grade		Flush to Grade	
T.O.C. Elevation	283.99		289.45		286.00		280.47		286.60		292.13		301.26		299.96		302.44	
Date	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**
11/7/2006	280.69	3.30	273.87	15.58	272.80	13.20	271.48	8.99	275.95	10.65	285.45	6.68	-	NM	288.15	11.81	289.16	13.28
8/24/2009	280.82	3.17	273.66	15.79	272.52	13.48	271.19	9.28	276.19	10.41	285.72	6.41	289.18	12.08	288.36	11.60	289.61	12.83
2/22/2010	281.87	2.12	277.55	11.90	273.74	12.26	275.84	4.63	278.34	8.26	288.98	3.15	-	NM	290.65	9.31	291.91	10.53
8/23/2010	280.69	3.30	274.20	15.25	272.79	13.21	271.62	8.85	276.79	9.81	286.29	5.84	289.73	11.53	288.88	11.08	290.19	12.25
2/21/2011	280.76	3.23	275.20	14.25	273.04	12.96	274.15	6.32	277.28	9.32	287.36	4.77	290.33	10.93	289.52	10.44	290.75	11.69
8/22/2011	280.35	3.64	271.01	18.44	272.56	13.44	268.49	11.98	275.50	11.10	284.85	7.28	288.45	12.81	287.62	12.34	288.88	13.56
3/12/2012	280.78	3.21	275.59	13.86	273.20	12.80	275.13	5.34	277.57	9.03	287.74	4.39	291.15	10.11	290.26	9.70	291.63	10.81
5/9/2012	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM
8/20/2012	280.39	3.60	274.59	14.86	273.00	13.00	273.62	6.85	277.17	9.43	287.27	4.86	291.24	10.02	290.20	9.76	291.63	10.81
3/11/2013	280.61	3.38	276.47	12.98	273.28	12.72	275.80	4.67	278.05	8.55	288.05	4.08	291.23	10.03	290.35	9.61	291.71	10.73
8/19/2013	282.36	1.63	276.50	12.95	273.59	12.41	276.97	3.50	283.58	3.02	289.10	3.03	292.96	8.30	292.06	7.90	293.48	8.96
3/3/2014	280.82	3.17	276.42	13.03	273.22	12.78	275.54	4.93	277.91	8.69	288.13	4.00	291.54	9.72	290.63	9.33	292.02	10.42
8/4/2014	279.65	4.34	274.48	14.97	272.42	13.58	272.30	8.17	276.24	10.36	285.69	6.44	289.12	12.14	288.48	11.48	289.81	12.63

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TABLE 1
GROUNDWATER ELEVATION SUMMARY
Former Farmers Favorite Fertilizer
Moultrie, Florida

Well No.	MW-31S		MW-32S-R		MW-32I		MW-33S		MW-34S		MW-34I		MW-35S		MW-36S		MW-37S	
Diameter (in)	2		2		2		2		2		2		2		2		2	
Well Depth	39.5		13		27		27		14.5		43		25		14		16	
Screen Interval	19.5 - 39.5		3 - 13		22 - 27		17 - 27		4.5 - 14.5		38 - 43		15 - 25		4 - 14		6 - 16	
Well Head Stick-up	Flush to Grade		2.91		2.79		Flush to Grade		Flush to Grade		2.95		Flush to Grade		2.58		2.57	
T.O.C. Elevation	297.52		296.56		296.39		280.45		284.66		287.49		300.51		293.18		292.56	
Date	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**
11/7/2006	286.06	11.46	NI		NI		-	NM	280.84	3.82	NI		288.68	11.83	287.09	6.09	286.36	6.20
8/24/2009	286.43	11.09	NI		NI		272.00	8.45	281.65	3.01	NI		288.86	11.65	287.18	6.00	286.69	5.87
2/22/2010	287.21	10.31	291.24	5.32	287.48	8.91	272.89	7.56	281.99	2.67	283.65	3.84	291.12	9.39	288.75	4.43	289.24	3.32
8/23/2010	286.44	11.08	291.39	5.17	286.80	9.59	272.18	8.27	281.85	2.81	282.44	5.05	289.41	11.10	287.41	5.77	287.03	5.53
2/21/2011	286.55	10.97	290.72	5.84	286.80	9.59	272.34	8.11	281.72	2.94	282.73	4.76	290.00	10.51	287.78	5.40	287.75	4.81
8/22/2011	285.66	11.86	290.41	6.15	286.01	10.38	Not Found		281.01	3.65	281.15	6.34	288.12	12.39	286.68	6.50	285.48	7.08
3/12/2012	286.52	11.00	291.13	5.43	286.96	9.43	272.50	7.95	281.85	2.81	282.98	4.51	291.07	9.44	287.97	5.21	288.27	4.29
5/9/2012	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM
8/20/2012	286.64	10.88	291.72	4.84	287.13	9.26	272.38	8.07	281.93	2.73	282.86	4.63	290.75	9.76	288.04	5.14	287.91	4.65
3/11/2013	286.88	10.64	291.36	5.20	287.21	9.18	272.52	7.93	281.87	2.79	283.34	4.15	290.86	9.65	288.13	5.05	288.64	3.92
8/19/2013	287.91	9.61	292.93	3.63	288.08	8.31	272.75	7.70	282.52	2.14	283.73	3.76	292.63	7.88	289.55	3.63	289.69	2.87
3/3/2014	286.11	11.41	291.62	4.94	287.34	9.05	272.42	8.03	282.05	2.61	283.46	4.03	291.18	9.33	288.33	4.85	288.68	3.88
8/4/2014	285.97	11.55	290.76	5.80	286.49	9.90	271.86	8.59	281.36	3.30	281.95	5.54	289.02	11.49	287.24	5.94	286.71	5.85

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

TABLE 1
GROUNDWATER ELEVATION SUMMARY
Former Farmers Favorite Fertilizer
Moultrie, Florida

Well No.	MW-38S		MW-39S		MW-40S		MW-41S		MW-42S		MW-43S		MW-44S		MW-45S		MW-46S	
Diameter (in)	2		2		2		2		2		2		2		2		2	
Well Depth	16		16		35		30		15		15		20		20		15	
Screen Interval	6 - 16		6 - 16		25 - 35		20 - 30		5 - 15		5 - 15		10 - 20		10 - 20		5 - 15	
Well Head Stick-up	3.11		2.70		Flush to Grade		Flush to Grade		Flush to Grade		3.09		3.09		2.76		Flush to Grade	
T.O.C. Elevation	292.92		293.35		298.42		290.39		289.97		288.34		290.44		287.47		282.48	
Date	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**
11/7/2006	284.70	8.22	287.28	6.07	NI		NI		NI		NI		NI		NI		NI	
8/24/2009	285.22	7.70	287.29	6.06	NI		NI		NI		NI		NI		NI		NI	
2/22/2010	289.62	3.30	288.15	5.20	290.21	8.21	287.28	3.11	287.56	2.41	284.50	3.84	282.94	7.50	NI		278.73	3.75
8/23/2010	286.23	6.69	287.49	5.86	289.80	8.62	286.67	3.72	287.08	2.89	284.58	3.76	282.99	7.45	NI		277.83	4.65
2/21/2011	287.37	5.55	287.46	5.89	289.57	8.85	286.63	3.76	286.57	3.40	284.03	4.31	282.78	7.66	NI		278.15	4.33
8/22/2011	281.22	11.70	286.65	6.70	289.13	9.29	285.89	4.50	286.45	3.52	283.09	5.25	282.50	7.94	Installed 8/23/11		276.72	5.76
3/12/2012	288.26	4.66	287.65	5.70	290.05	8.37	286.59	3.80	287.37	2.60	283.67	4.67	283.08	7.36	278.10	9.37	278.49	3.99
5/9/2012	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM
8/20/2012	287.21	5.71	287.87	5.48	290.22	8.20	286.97	3.42	287.30	2.67	283.92	4.42	283.32	7.12	278.02	9.45	278.07	4.41
3/11/2013	288.88	4.04	287.85	5.50	290.20	8.22	287.06	3.33	287.46	2.51	283.65	4.69	282.75	7.69	278.27	9.20	278.48	4.00
8/19/2013	289.64	3.28	288.86	4.49	291.08	7.34	287.88	2.51	289.14	0.83	285.04	3.30	284.66	5.78	278.84	8.63	279.31	3.17
3/3/2014	288.73	4.19	287.04	6.31	290.35	8.07	287.13	3.26	287.95	2.02	284.19	4.15	282.95	7.49	278.60	8.87	278.68	3.80
8/4/2014	284.95	7.97	287.23	6.12	289.66	8.76	286.35	4.04	287.41	2.56	283.06	5.28	282.39	8.05	277.70	9.77	277.06	5.42

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TABLE 1
GROUNDWATER ELEVATION SUMMARY
Former Farmers Favorite Fertilizer
Moultrie, Florida

Well No.	MW-47S		MW-48S		MW-49S		FFFW-1		FFFW-1-R		FFFW-2		FFFW-2-R		FFFW-2I		FFFW-3		FFFW-3-R	
Diameter (in)	2		2		2		2		2		2		2		2		2		2	
Well Depth	32		30		34		18		12		27		27		50		11.3		14	
Screen Interval	22 - 32		20 - 30		24 - 34		Unknown		2 - 12		Unknown		17 - 27		45 - 50		Unknown		4 - 14	
Well Head Stick-up	Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade		2.86		Flush to Grade		2.38		3.25		Flush to Grade		3.00	
T.O.C. Elevation	293.11		302.38		293.19		284.96		286.36		288.59		292.05		292.97		285.90		288.06	
Date	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**
11/7/2006	NI		NI		NI		279.84	5.12	NI		-	NM	274.69	17.36	NI		278.87	7.03	NI	
8/24/2009	NI		NI		NI		280.02	4.94	NI		-	NM	274.78	17.27	NI		277.67	8.23	NI	
2/22/2010	275.67	17.44	NI		NI		-	NM	NI		-	NM	275.63	16.42	276.12	16.85	-	NM	NI	
8/23/2010	274.73	18.38	NI		NI		-	NM	NI		-	NM	274.68	17.37	275.09	17.88	-	NM	NI	
2/21/2011	274.97	18.14	NI		NI		-	NM	NI		-	NM	274.92	17.13	275.37	17.60	-	NM	NI	
8/22/2011	274.44	18.67	NI		NI		Abandoned		Installed 8/23/11		Abandoned		274.50	17.55	274.65	18.32	Abandoned		Installed 8/23/11	
3/12/2012	275.12	17.99	Installed 03/23/12		Installed 03/23/12		Abandoned		280.39	5.97	Abandoned		275.05	17.00	275.53	17.44	Abandoned		281.65	6.41
5/9/2012	-	NM	289.36	13.02	288.34	4.85	Abandoned		-	NM	Abandoned		-	NM	-	NM	Abandoned		-	NM
8/20/2012	274.91	18.20	291.73	10.65	289.29	3.90	Abandoned		280.01	6.35	Abandoned		274.88	17.17	275.34	17.63	Abandoned		281.70	6.36
3/11/2013	275.20	17.91	291.95	10.43	289.29	3.90	Abandoned		280.30	6.06	Abandoned		275.14	16.91	275.67	17.30	Abandoned		281.57	6.49
8/19/2013	275.52	17.59	293.92	8.46	289.51	3.68	Abandoned		281.53	4.83	Abandoned		275.51	16.54	276.02	16.95	Abandoned		283.99	4.07
3/3/2014	275.16	17.95	292.29	10.09	290.40	2.79	Abandoned		280.44	5.92	Abandoned		275.10	16.95	275.61	17.36	Abandoned		282.15	5.91
8/4/2014	274.39	18.72	289.55	12.83	286.32	6.87	Abandoned		279.25	7.11	Abandoned		274.36	17.69	274.75	18.22	Abandoned		281.05	7.01

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TABLE 1
GROUNDWATER ELEVATION SUMMARY
Former Farmers Favorite Fertilizer
Moultrie, Florida

Well No.	FFFW-4		FFFW-4-R		MW-TP1S		MW-TP1I		MW-TP2S		MW-TP3S		MW-TP4S		MW-TP5S		MW-TP5I	
Diameter (in)	2		2		2		2		2		2		2		2		2	
Well Depth	32.1		14		20		48		20		20		25		25		50	
Screen Interval			4 - 14		10 - 20		43 - 48		10 - 20		10 - 20		15 - 25		15 - 25		45 - 50	
Well Head Stick-up	Flush to Grade		2.81		Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade		Flush to Grade		3.06	
T.O.C. Elevation	284.03		286.39		284.24		284.49		278.29		278.71		287.38		288.33		291.52	
Date	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**	**Elev.**	**DTW**
11/7/2006	275.22	8.81	NI		272.50	11.74	273.15	11.34	270.72	7.57	270.67	8.04	272.76	14.62	276.63	11.70	NI	
8/24/2009	275.50	8.53	NI		272.26	11.98	272.94	11.55	270.21	8.08	270.06	8.65	272.49	14.89	276.76	11.57	NI	
2/22/2010	-	NM	NI		273.27	10.97	274.26	10.23	273.39	4.90	275.71	3.00	273.67	13.71	279.31	9.02	276.34	15.18
8/23/2010	-	NM	NI		272.46	11.78	273.24	11.25	271.14	7.15	271.04	7.67	272.74	14.64	277.03	11.30	275.41	16.11
2/21/2011	-	NM	NI		272.66	11.58	273.49	11.00	272.63	5.66	273.80	4.91	272.98	14.40	277.81	10.52	275.72	15.80
8/22/2011	Abandoned		Installed 8/22/11		272.35	11.89	272.76	11.73	269.36	8.93	268.15	10.56	272.53	14.85	276.58	11.75	274.92	16.60
3/12/2012	Abandoned		277.09	9.30	272.78	11.46	273.65	10.84	273.56	4.73	274.94	3.77	273.23	14.15	278.09	10.24	275.90	15.62
5/9/2012	Abandoned		-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM
8/20/2012	Abandoned		277.04	9.35	272.63	11.61	273.48	11.01	272.58	5.71	272.82	5.89	272.95	14.43	278.10	10.23	275.69	15.83
3/11/2013	Abandoned		277.43	8.96	272.82	11.42	273.80	10.69	273.52	4.77	275.66	3.05	273.21	14.17	278.63	9.70	276.03	15.49
8/19/2013	Abandoned		280.31	6.08	273.08	11.16	274.16	10.33	275.31	2.98	277.34	1.37	273.51	13.87	279.11	9.22	276.41	15.11
3/3/2014	Abandoned		277.65	8.74	272.75	11.49	273.75	10.74	273.37	4.92	275.29	3.42	273.14	14.24	277.69	10.64	275.97	15.55
8/4/2014	Abandoned		276.62	9.77	272.13	12.11	272.97	11.52	271.02	7.27	271.64	7.07	272.38	15.00	277.11	11.22	275.06	16.46

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TABLE 2
SUMMARY OF HYDROGEOLOGIC DATA
Former Farmers Favorite Fertilizer Facility
Moultrie, Georgia

Aquifer Zone	Water Level Measurement Date	Monitoring Wells	Direction of Groundwater Flow	Hydraulic Conductivity	Horizontal Gradient	Groundwater Flow Rate
Upper (NE)	05/11/00	MW-1S; MW-11S; MW-4S	South 54 degrees east; Azimuth 126	23.7 feet/day	0.012 feet/foot	0.908 feet/day - 332 feet/year
Upper (NW & South)	05/11/00	MW-7S; MW-13S; MW-5S	South 29 degrees east; Azimuth 151	0.67 feet/day	0.011 feet/foot	0.03 feet/day - 11 feet/year
Intermediate	05/11/00	MW-2I; MW-6I; MW-12I	South 55 degrees west; Azimuth 235	1.24 feet/day	0.011 feet/foot	0.048 feet/day - 17 feet/year
Upper (NE)	09/20/00	MW-1S; MW-11S; MW-4S	South 29 degrees east; Azimuth 151	23.7 feet/day	0.014 feet/foot	1.22 feet/day - 445 feet/year
Upper (NW & South)	09/20/00	MW-7S; MW-13S; MW-5S	South 11 degrees east; Azimuth 169	0.67 feet/day	0.017 feet/foot	0.046 feet/day - 17 feet/year
Intermediate	09/20/00	MW-2I; MW-6I; MW-12I	South 20 degrees east; Azimuth 160	1.24 feet/day	0.002 feet/foot	0.008 feet/day - 3 feet/year
Upper (NW & South)	12/21/02	MW-21S; MW-23S; MW-4S	South 70 degrees east; Azimuth 110	0.67 feet/day	0.023 feet/foot	0.061 feet/day - 22 feet/year
Upper (NE)	12/21/02	MW-8S; MW-20S; MW-27S	South 27 degrees east; Azimuth 153	23.7 feet/day	0.014 feet/foot	1.09 feet/day - 400 feet/year
Intermediate	12/21/02	MW-1I; MW-TP1I; MW-12I	South 45 degrees east; Azimuth 135	1.24 feet/day	0.017 feet/foot	0.072 feet/day - 26 feet/year
Upper (NW & South)	06/19/03	MW-21S; MW-23S; MW-4S	South 56 degrees east; Azimuth 124	0.67 feet/day	0.016 feet/foot	0.043 feet/day - 16 feet/year
Upper (NE)	06/19/03	MW-8S; MW-20S; MW-27S	South 38 degrees east; Azimuth 142	23.7 feet/day	0.013 feet/foot	1.03 feet/day - 375 feet/year
Intermediate	06/19/03	MW-1I; MW-TP1I; MW-12I	South 50 degrees east; Azimuth 130	1.24 feet/day	0.019 feet/foot	0.079 feet/day - 29 feet/year
Upper (NW & South)	08/24/09	MW-2S; MW-30S; MW-31S	South 25 degrees east; Azimuth 155	0.67 feet/day	0.012 feet/foot	0.032 feet/day - 12 feet/year
Upper (NW & South)	08/24/09	MW-22S; MW-23S; MW-TP1S	South 70 degrees east; Azimuth 110	0.67 feet/day	0.026 feet/foot	0.07 feet/day - 25 feet/year
Intermediate	8/24/2009	MW-2I; MW-13I; MW-3I	South 73 degrees east; Azimuth 107	1.24 feet/day	0.019 feet/foot	0.079 feet/day - 29 feet/year
Upper (North)	02/22/10	MW-2S; MW-3S; MW-11S	South 30 degrees east; Azimuth 150	0.67 feet/day	0.0101 feet/foot	0.023 feet/day - 8.2 feet/year
Upper (South)	02/22/10	MW-43; MW-TP5S; MW-TP1S	South 76 degrees east; Azimuth 104	0.67 feet/day	0.0428 feet/foot	0.0957 feet/day - 35 feet/year
Intermediate (North)	02/22/10	MW-2I; MW-3I; MW-12I	South 25 degrees west; Azimuth 205	1.24 feet/day	0.0031 feet/foot	0.0127 feet/day - 5 feet/year
Intermediate (South)	02/22/10	MW-34I; MW-TP5I; MW-TP1I	South 49 degrees east; Azimuth 131	1.24 feet/day	0.0371 feet/foot	0.1535 feet/day - 56 feet/year
Upper (North)	08/23/10	MW-2S; MW-3S; MW-11S	South 55 degrees east; Azimuth 125	0.67 feet/day	0.0112 feet/foot	0.025 feet/day - 9.1 feet/year
Upper (South)	08/23/10	MW-43; MW-TP5S; MW-TP1S	South 67 degrees east; Azimuth 113	0.67 feet/day	0.0415 feet/foot	0.0928 feet/day - 34 feet/year
Intermediate (North)	08/23/10	MW-2I; MW-3I; MW-12I	South 4 degrees east; Azimuth 176	1.24 feet/day	0.0027 feet/foot	0.0112 feet/day - 4 feet/year
Intermediate (South)	08/23/10	MW-34I; MW-TP5I; MW-TP1I	South 50 degrees east; Azimuth 130	1.24 feet/day	0.0368 feet/foot	0.1520 feet/day - 55 feet/year

TABLE 2
SUMMARY OF HYDROGEOLOGIC DATA
Former Farmers Favorite Fertilizer Facility
Moultrie, Georgia

Aquifer Zone	Water Level Measurement Date	Monitoring Wells	Direction of Groundwater Flow	Hydraulic Conductivity	Horizontal Gradient	Groundwater Flow Rate
Upper (North)	02/21/11	MW-2S; MW-3S; MW-11S	South 69 degrees east; Azimuth 111	0.67 feet/day	0.009 feet/foot	0.020 feet/day - 7.0 feet/year
Upper (South)	02/21/11	MW-43; MW-TP5S; MW-TP1S	South 71 degrees east; Azimuth 109	0.67 feet/day	0.041 feet/foot	0.0913 feet/day - 33 feet/year
Intermediate (North)	02/21/11	MW-2I; MW-3I; MW-12I	South 16 degrees west; Azimuth 196	1.24 feet/day	0.002 feet/foot	0.0092 feet/day - 3.0 feet/year
Intermediate (South)	02/21/11	MW-34I; MW-TP5I; MW-TP1I	South 52 degrees east; Azimuth 128	1.24 feet/day	0.037 feet/foot	0.154 feet/day - 56 feet/year
Upper (North)	08/22/11	MW-2S; MW-3S; MW-11S	Nourth 85 degrees east	0.67 feet/day	0.016 feet/foot	0.036 feet/day - 13 feet/year
Upper (South)	08/22/11	MW-43S; MW-TP5S; MW-TP1S	South 73 degrees east	0.67 feet/day	0.041 feet/foot	0.09 feet/day - 32.9 feet/year
Intermediate (North)	08/22/11	MW-2I; MW-3I; MW-12I	South 32 degrees west	1.24 feet/day	0.002 feet/foot	0.008 feet/day - 2.92 feet/year
Intermediate (South)	08/22/11	MW-34I; MW-TP5I; MW-TP1I	South 55 degrees east	1.24 feet/day	0.04 feet/foot	0.17 feet/day - 62 feet/year

Notes:

Hydraulic conductivity values are presented in Section 5.3 of the Compliance Status Report, Addendum #4

TABLE 3
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-1S-R	01/26/99	<0.005	<0.01	0.022	<0.004	<0.005	<0.025	**1.6**	<0.0002	<0.04	<0.01	<0.01	**0.0029**	<0.01	0.056
	05/09/00	<0.005	<0.01	0.011	<0.004	<0.005	<0.025	**0.07**	<0.0002	<0.04	<0.01	<0.01	<0.002	0.019	0.052
	11/13/01	NA	NA	NA	NA	NA	NA	**0.09**	NA	NA	NA	NA	NA	NA	NA
	12/22/02	<0.006	<0.010	0.011	<0.004	<0.005	0.021	**0.1**	<0.0002	<0.04	<0.01	<0.01	<0.01	0.034	0.038
Dissolved	12/22/02	NA	NA	<0.010	NA	NA	<0.020	**0.08**	NA	NA	NA	NA	NA	<0.010	0.034
	06/18/03	NA	NA	NA	NA	NA	NA	**0.09**	NA	NA	NA	NA	NA	NA	NA
Dissolved	06/18/03	NA	NA	NA	NA	NA	NA	**0.066**	NA	NA	NA	NA	NA	NA	NA
	11/08/06	<0.0026	<0.0038	0.03	0.0034	0.00068 V	0.043 V	**0.034 V**	0.000044 I	0.044	<0.0043	<0.0006	<0.0010	0.0018 I	0.14 V
	08/27/09	0.00035 I	0.0085 U	0.032	0.00016 I	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0015 I	0.0022 U	0.000059 U	0.000067 U	0.0029	0.017 V
	03/02/10	0.00021 I	0.0085 U	0.022	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0044 U	0.00012 U	0.00013 U	0.0033	0.0088 I
	08/31/10	0.0015 U	0.0085 U	0.033	0.00013 U	0.00032 U	0.0028 I	0.0013 U	0.000014 U	0.0011 U	0.0044 U	0.0012 U	0.0013 U	0.0014 I	0.0094 I
	03/02/11	0.00022 I	0.0085 U	0.027	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0029	0.019
	08/25/11	NA	0.0028	0.049	0.00025 U	0.000095 U	0.0053	0.00028 J	NA	0.0034 J	0.0025 B	NA	0.00050 U	0.0038 U	0.0085 J
	03/14/12	NA	0.0019 J	NA	NA	NA	NA	0.00067 J	NA	0.0027 J	NA	NA	NA	NA	NA
Dissolved	03/14/12	NA	0.0017 J	NA	NA	NA	NA	0.00020 U	NA	0.0029 J	NA	NA	NA	NA	NA
	08/23/12	NA	0.0013 U	NA	NA	NA	NA	0.00088 J	NA	0.0023 J	NA	NA	NA	NA	NA
Dissolved	08/23/12	NA	0.0013 U	NA	NA	NA	NA	0.00021 J	NA	0.0031 J	NA	NA	NA	NA	NA
	03/12/13	NA	0.0013 U	NA	NA	NA	NA	0.00047 J	NA	0.0020 U	NA	NA	NA	NA	NA
Dissolved	03/12/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	08/21/13	NA	0.0013 U	NA	NA	NA	NA	0.00064 J	NA	0.0020 U	NA	NA	NA	NA	NA
	03/10/14	NA	0.0013 U	NA	NA	NA	NA	0.00086 J	NA	0.0020 U	NA	NA	NA	NA	NA
Dissolved	03/10/14	NA	0.0013 U	NA	NA	NA	NA	0.00055 J	NA	0.0020 U	NA	NA	NA	NA	NA
	08/06/14	NA	0.0019 J	NA	NA	NA	NA	0.00025 J	NA	0.0020 U	NA	NA	NA	NA	NA
MW-1I-R	01/26/99	NA	<0.01	0.055	NA	<0.005	NA	0.0065	<0.0002	NA	NA	<0.01	NA	NA	NA
	05/09/00	NA	<0.01	0.089	NA	<0.005	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/01	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/23/02	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	06/18/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/08/06	NA	<0.0038	0.12	NA	0.000097 I V	NA	<0.0019	<0.00002	NA	<0.0043	0.0011 I V	NA	NA	NA
	08/27/09	0.00015 I	0.0085 U	0.14	0.00032	0.00032 U	0.0025 U	0.0013 U	0.000019 I	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00018 U	0.051 V
	03/02/10	0.00015 U	0.0085 U	0.15	0.00044	0.00032 U	0.0025 U	0.0013 U	0.000021 I	0.0011 U	0.0044 U	0.00012 U	0.00013 U	0.00018 I	0.012
	08/31/10	0.0058 I	0.0085 U	0.15	0.00046	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.044 U	0.0012 U	0.0013 U	0.00029 I	0.0061 I
	03/02/11	0.00023 I	0.0085 U	0.14	0.00040	0.00032 U	0.0025 U	0.0013 I	0.000049 I	0.0011 U	0.0022 U	0.000059 U	0.00014 I	0.00018 U	0.021
	08/25/11	NA	0.0013 U	0.150	0.00051	0.000095 U	0.0011 U	0.0020	NA	0.0022 J	0.0010 U	NA	0.00050 U	0.0038 U	0.0083 U
	03/13/12	NA	0.0013 U	NA	NA	NA	NA	0.0015	NA	0.002 U	NA	NA	NA	NA	NA
	08/23/12	NA	0.0013 U	NA	NA	NA	NA	0.0017	NA	0.0037 J	NA	NA	NA	NA	NA
	03/12/13	NA	0.0013 U	NA	NA	NA	NA	0.0016	NA	0.0020 U	NA	NA	NA	NA	NA
	08/23/13	NA	0.0013 U	NA	NA	NA	NA	0.0015	NA	0.0020 U	NA	NA	NA	NA	NA
	03/10/14	NA	0.0013 U	NA	NA	NA	NA	0.0018	NA	0.0020 U	NA	NA	NA	NA	NA
	08/06/14	NA	0.0013 U	NA	NA	NA	NA	0.0015	NA	0.0020 U	NA	NA	NA	NA	NA

TABLE 3
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-2S	01/26/99	<0.005	<0.01	0.037	<0.004	**0.0053**	<0.025	0.0068	<0.0002	<0.04	<0.01	<0.01	<0.002	<0.01	0.47
	05/08/00	<0.005	<0.01	0.031	<0.004	<0.005	<0.025	0.0075	<0.0002	<0.04	<0.01	<0.01	<0.002	<0.01	0.42
	11/12/01	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	0.43
	12/23/01	<0.006	<0.01	0.04	<0.004	<0.005	<0.02	0.0054	<0.0002	<0.04	<0.01	<0.01	<0.002	<0.01	0.38
	06/18/03	NA	NA	NA	NA	NA	0.028	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/24/06	<0.0026	<0.0038	0.044	0.00077	0.0037 V	0.02 V	<0.0019	<0.00002	0.0052 I	<0.0043	<0.0006	<0.0010	0.00078 I	0.34
	08/28/09	0.000099 I	0.0085 U	0.043	0.00061	0.0031	0.012	0.0013 U	0.000014 U	0.0057 I	0.0022 U	0.000059 U	0.000067 U	0.00028 I	0.29 V
	03/02/10	0.00015 U	0.0085 U	0.036	0.00057	0.003	0.011	0.0013 U	0.000014 U	0.0061 I	0.0044 U	0.00012 U	0.00019 I	0.0030 I	0.31
	08/31/10	0.0015 U	0.01	0.045	0.00068	0.0024	0.013	0.0013 U	0.000014 U	0.0027 I	0.0044 U	0.0012 U	0.0013 U	0.00023 I	0.26
	03/01/11	0.000077 I	0.0098 I	0.038	0.00059	0.0026	0.011	0.0013 U	0.000014 U	0.0053 I	0.0022 U	0.000059 U	0.00021	0.00018 U	0.31
	08/25/11	NA	0.0015 J	0.040	0.00066	0.0019	0.014	0.0039	NA	0.011	0.0041 B	NA	0.00050 U	0.0038 U	0.240
	03/13/12	NA	0.0025	0.036	NA	NA	NA	0.0030	NA	0.0082	NA	NA	NA	NA	NA
	08/23/12	NA	0.0013 U	0.044	NA	NA	NA	0.0040	NA	0.0074	NA	NA	NA	NA	NA
	03/12/13	NA	0.0018 J	0.035	NA	NA	NA	0.0025	NA	0.0085	NA	NA	NA	NA	NA
	08/20/13	NA	0.0013 U	0.035	NA	NA	NA	0.0025	NA	0.0063	NA	NA	NA	NA	NA
	03/04/14	NA	0.0021 J	0.042	NA	NA	NA	0.0031	NA	0.0083	NA	NA	NA	NA	NA
	08/05/14	NA	0.0027	0.049	NA	NA	NA	0.0032	NA	0.0071	NA	NA	NA	NA	NA
MW-2I	01/26/99	NA	<0.01	0.13	NA	<0.005	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	05/08/00	NA	<0.01	0.15	NA	<0.005	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/12/01	NA	NA	NA	NA	NA	NA	<0.01	NA	NA	NA	NA	NA	NA	<0.10
	12/23/02	<0.20*	<0.10*	**15**	**0.16**	<0.050*	0.17	0.0063	NA	**0.41**	<0.10*	NA	<0.10*	<0.10*	<0.02
	06/18/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/24/06	<0.0026	<0.0038	0.17	0.00055	0.00018 I V	0.0047 V	0.0025	0.000026 I	<0.0016	<0.0043	0.00073 I	<0.0010	0.00086 I	0.013
	08/28/09	0.000073 U	0.0085 U	0.17	0.00041	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00018 U	0.015 V
	03/02/10	0.00015 U	0.0085 U	0.16	0.00053	0.00032 U	0.0025 U	0.0015 I	0.000014 U	0.0011 U	0.0044 U	0.00012 U	0.00014 I	0.00018 U	0.0096 I
	08/31/10	0.0015 U	0.0085 U	0.17	0.00055	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0044 U	0.0012 U	0.0013 U	0.00018 U	0.0065 I
	03/01/11	0.000073 U	0.0085 U	0.16	0.00041	0.00032 U	0.0025 U	0.0018 I	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.00011 I	0.00018 U	0.017
	08/25/11	NA	0.0013 U	0.160	0.00051	0.000095 U	0.0011 U	0.0020	NA	0.0022 J	0.0010 U	NA	0.00050 U	0.0038 U	0.0083 U
	03/13/12	NA	0.0013 U	NA	NA	NA	NA	0.0017 U	NA	0.002 U	NA	NA	NA	NA	NA
	08/23/12	NA	0.0013 U	NA	NA	NA	NA	0.0019	NA	0.0020 U	NA	NA	NA	NA	NA
	03/12/13	NA	0.0013 U	NA	NA	NA	NA	0.0019	NA	0.0020 U	NA	NA	NA	NA	NA
	08/23/13	NA	0.0013 U	NA	NA	NA	NA	0.0017	NA	0.0020 U	NA	NA	NA	NA	NA
	03/04/14	NA	0.0013 U	NA	NA	NA	NA	0.0020	NA	0.0020 U	NA	NA	NA	NA	NA
	08/05/14	NA	0.0013 U	NA	NA	NA	NA	0.0017	NA	0.0020 U	NA	NA	NA	NA	NA

TABLE 3
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-3S	01/26/99	<0.025*	<0.25*	<0.25*	<0.1*	<0.12*	**1.8**	<0.12*	<0.0002	**0.34**	<0.25*	<0.25*	**0.0028**	<0.25*	**2.4**
	05/08/00	<0.005	**0.039**	<0.01	**0.011**	<0.005	0.33	**0.017**	<0.0002	0.069	<0.01	<0.01	<0.002	<0.01	0.38
	11/13/01	NA	**0.46**	NA	NA	NA	NA	**0.23**	NA	NA	NA	NA	NA	NA	NA
	12/23/02	<0.80*	**0.46**	<0.40*	<0.16*	<0.20*	**1.8**	**0.21**	<0.0002	<1.6*	<0.40*	<0.40*	<0.40*	<0.40*	**2.5**
	06/18/03	NA	NA	NA	NA	NA	NA	**0.12**	NA	NA	NA	NA	NA	NA	NA
	10/24/06	**0.012**	**0.57**	0.016	**0.030**	**0.014 V**	**4.3 V**	**0.21**	0.000047 I	**0.43**	<0.0086	<0.0012	<0.0010	0.0047	**2.9**
	08/28/09	0.00014 J4,I	**0.42 J4**	0.013 J4	**0.024 J4**	**0.013 J4**	**2.6 J4**	**0.14 J4**	0.000014 U	**0.32 J4**	0.0022 J4,U	0.000099 J4,I	0.0014 J4	0.0021 J4	**2.1 J4**
	03/02/10	0.00015 U	**0.40**	0.012	**0.025**	**0.0097**	**2.8**	**0.15**	0.000094 I	**0.34**	**0.085**	0.00012 U	0.0014	0.0025	**2.2**
	08/31/10	0.00023 I	**0.52**	0.013	**0.023**	**0.011**	**2.8**	**0.18**	0.000065 I	**0.33**	0.0033 I	0.000081 I	0.0014	0.0023	**2.2**
	03/02/11	0.00013 I,J4	**0.56**	0.015	**0.025**	**0.010**	**2.8**	**0.17**	0.000014 U	**0.37**	0.0022 U,J4	0.000059 U,J4	0.0014 J4	0.00036 U	**2.4**
	08/25/11	NA	**0.038**	0.010	**0.0070**	0.0043	1.3	**0.049**	NA	**0.150**	**0.066 B**	NA	0.00050 U	0.015 U	0.780
	03/14/12	NA	**0.310**	0.015	**0.0220**	**0.0180**	**1.4**	**0.120**	NA	**0.260**	0.048	NA	NA	NA	1.7
	08/22/12	NA	**0.350**	0.014	**0.024**	**0.012**	**1.9**	**0.110**	NA	**0.320**	**0.064**	NA	NA	NA	1.8
	03/15/13	NA	**0.250**	0.012	**0.023**	**0.011**	**1.6**	**0.120**	NA	**0.260**	**0.077**	NA	NA	NA	**2.2**
	08/22/13	NA	0.0031	0.017	0.0019	0.0017	0.060	**0.073**	NA	0.056	0.0082	NA	NA	NA	0.340
	03/05/14	NA	**0.049**	0.023	**0.0074**	0.0012	0.23	**0.033**	NA	0.088	0.0073	NA	NA	NA	0.43
	08/08/14	NA	**0.54**	0.018	**0.022**	**0.0094**	**1.5**	**0.13**	NA	**0.30**	**0.090**	NA	NA	NA	1.8
MW-3I	01/26/99	NA	<0.01	0.082	NA	<0.005	NA	**0.027**	<0.0002	NA	NA	<0.01	NA	NA	NA
	05/08/00	NA	<0.01	0.11	NA	<0.005	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/01	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/23/02	NA	NA	NA	NA	NA	NA	<0.0050	NA	NA	NA	NA	NA	NA	NA
	06/18/03	NA	NA	NA	NA	NA	NA	<0.0050	NA	NA	NA	NA	NA	NA	NA
	10/24/06	NA	<0.0038	0.11	NA	0.00022 V	NA	0.0021 I	0.000046 I	NA	<0.0043	<0.0006	NA	NA	NA
	08/28/09	0.000073 U	0.0085 U	0.12	0.00046	0.00032 U	0.0025 U	0.0013 U	0.000033 I	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00018 U	0.020 V
	03/02/10	0.00015 U	0.0085 U	0.11	0.0006	0.00032 U	0.0025 U	0.0017 I	0.000055 I	0.0011 U	0.0044 U	0.00012 U	0.00013 U	0.00037 I	0.013
	08/31/10	0.000073 U	0.0085 U	0.12	0.0005	0.00039 I	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000097 I	0.00018 U	0.013
	03/02/11	0.00010 I	0.0085 U	0.13	0.00072	0.00052 I	0.0034 I	0.0090	0.00019	0.0022 I	0.0022 U	0.000059 U	0.00015 I	0.0063	0.024
	08/25/11	NA	0.0013 U	0.110	0.00065	0.00012 J	0.0024 J	0.0017	NA	0.0033 J	0.0025 B	NA	0.00050 U	0.0038 U	0.0086 J
	03/14/12	NA	0.0013 U	0.170	0.00094	NA	NA	0.0029	NA	0.0035 J	NA	NA	NA	NA	NA
	08/22/12	NA	0.0013 U	0.130	0.00066	NA	NA	0.0021	NA	0.0031 J	NA	NA	NA	NA	NA
	03/15/13	NA	0.0013 U	0.098	0.00049 J	NA	NA	0.0016	NA	0.0026 J	NA	NA	NA	NA	NA
	08/28/13	NA	0.0013 U	0.062	0.00040 J	NA	NA	0.0013 J	NA	0.0020 U	NA	NA	NA	NA	NA
	03/04/14	NA	0.0013 U	0.11	0.00050	NA	NA	0.0020	NA	0.0020 U	NA	NA	NA	NA	NA
	08/05/14	NA	0.0013 U	0.097	0.00044 J	NA	NA	0.0013 J	NA	0.0020 U	NA	NA	NA	NA	NA

TABLE 3
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-4S	01/26/99	NA	<0.01	0.05	NA	<0.005	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	05/09/00	NA	<0.01	0.035	NA	<0.005	NA	**0.017**	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/14/01	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/02	NA	NA	NA	NA	NA	NA	**0.018**	NA	NA	NA	NA	NA	NA	NA
	06/19/03	NA	NA	NA	NA	NA	NA	0.012	NA	NA	NA	NA	NA	NA	NA
	10/25/06	NA	<0.0038	0.028	NA	0.0012 V	NA	<0.0019	0.000098	NA	<0.0043	<0.0006	NA	NA	NA
	08/28/09	**0.0089 V,I**	**0.071**	0.060	**0.0091**	**0.0067**	0.046	0.011	0.000063 I	0.083	0.0068 U	0.00079 I	**0.0024**	0.019	2.0
Dissolved	08/28/09	0.00055 I	0.0085 U	NA	0.00015 I	**0.0063**	NA	NA	NA	NA	NA	NA	**0.0024**	0.012	1.6
	02/24/10	0.00026 I	0.0085 U	0.011	0.0022	0.0022	0.011	0.0013 U	0.000014 U	0.032	0.0063	0.00014 I	0.00021	0.0067	1.60
	08/25/10	0.00062	**0.052**	0.012	0.0018	0.0026	0.033	0.0013 U	0.000017 I	0.038	0.0025 I	0.00013 I	0.0012	0.011 V	1.5
	02/23/11	0.00076	**0.035**	0.0024	0.00013 U	0.00079	0.016	0.0013 U	0.000022 I	0.026	0.0022 U	0.000059 U	0.00089	0.033	0.51
	08/30/11	NA	**0.044**	0.0044 J	0.00025 U	0.0029	0.037	0.00020 U	NA	0.062	0.0044 B	NA	0.0017	0.034	0.890
	03/15/12	NA	**0.052**	NA	0.00025 U	0.0031	0.026	0.00020 U	NA	0.068	NA	NA	NA	NA	1.500
	08/25/12	NA	**0.032**	NA	0.00025 U	**0.0066**	0.028	0.00020 U	NA	0.095	NA	NA	NA	NA	1.700
	03/14/13	NA	**0.063**	NA	0.00025 U	0.00094	0.027	0.00062 J	NA	0.032	NA	NA	NA	NA	0.220
	08/28/13	NA	**0.012**	NA	0.00025 U	0.0011	0.0055	0.00020 U	NA	0.025	NA	NA	NA	NA	0.81
	03/05/14	NA	**0.21**	NA	0.00025 U	0.0034	0.065	0.00096 J	NA	0.10	NA	NA	NA	NA	NA
	08/05/14	NA	**0.055**	NA	0.00025 U	0.00096	0.018	0.00046 J	NA	0.035	NA	NA	NA	NA	0.34
MW-5S-R	01/26/99	NA	<0.01	0.11	NA	<0.005	NA	**0.097**	<0.0002	NA	NA	<0.01	NA	NA	NA
	05/09/00	NA	<0.01	0.079	NA	<0.005	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/01	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/02	NA	NA	NA	NA	NA	NA	0.0065	NA	NA	NA	NA	NA	NA	NA
	06/18/03	NA	NA	NA	NA	NA	NA	0.0073	NA	NA	NA	NA	NA	NA	NA
	11/08/06	NA	<0.0038	0.14	NA	0.00064 V	NA	<0.0019	<0.00002	NA	<0.0043	0.00098 I V	NA	NA	NA
	08/27/09	0.00017 I	0.0085 U	0.025	**0.0061**	0.0013	0.019	**0.034 V**	0.000014 U	0.067	0.0022 U	0.000059 U	0.00008 I	0.012	0.30 V
	03/03/10	0.00040 I	0.0085 U	0.079	0.00019 I	0.00032 U	0.0047	0.0013 U	0.000014 U	0.0046 I	0.0044 U	0.00012 U	0.00013 U	0.0021	0.039
	08/31/10	0.0015 U	**0.087**	0.075	**0.0053**	0.00040 I	0.02	**0.03**	0.000014 U	0.033	0.044 U	0.0012 U	0.0013 U	0.0055	0.17
Dissolved	08/31/10	NA	**0.072**	NA	NA	NA	NA	0.014	NA	NA	NA	NA	NA	NA	NA
	03/01/11	0.00096	**0.012**	0.088	0.00056	0.00032 U	0.016	0.0013 U	0.000025 I	0.012	0.0022 U	0.000059 U	0.000067 U	0.0044	0.068
Dissolved	03/01/11	NA	0.0085 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/29/11	NA	**0.091**	0.018	**0.013**	0.0010 J	0.047 J	**0.140**	NA	0.100	**0.150**	NA	0.00050 U	0.038 U	0.480
	03/14/12	NA	0.0046	NA	0.00087	0.00035 J	NA	0.0055	NA	0.020	NA	NA	NA	NA	NA
Dissolved	03/14/12	NA	0.0030	NA	0.00039 J	0.00029 J	NA	0.0037	NA	0.020	NA	NA	NA	NA	NA
	08/22/12	NA	0.0058	NA	0.00025 U	0.000095 U	NA	0.00020 U	NA	0.011	NA	NA	NA	NA	NA
Dissolved	08/22/12	NA	0.0058	NA	0.00035 J	0.000095 U	NA	0.00052 J	NA	0.0097	NA	NA	NA	NA	NA
	03/13/13	NA	0.0027	NA	0.00036 J	0.00013 J	NA	0.0017	NA	0.0091	NA	NA	NA	NA	NA
Dissolved	03/13/13	NA	0.0013 U	NA	0.00025 U	0.00011 J	NA	0.00020 U	NA	0.0094	NA	NA	NA	NA	NA
	08/21/13	NA	0.0031	NA	0.00025 U	0.000095 U	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	03/10/14	NA	0.0019 J	NA	0.00025 U	0.000095 U	NA	0.00041 J	NA	0.0020 U	NA	NA	NA	NA	NA
	08/07/14	NA	**0.14**	NA	**0.015**	0.0010	NA	**0.14**	NA	0.063	NA	NA	NA	NA	NA

TABLE 3
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-6S-R	01/26/99	<0.025*	<0.05*	<0.05*	<0.02*	<0.025*	0.41	<0.025*	<0.0002	**0.34**	<0.05*	<0.05*	**0.0022**	0.068	1.4
	05/08/00	<0.005	<0.01	0.01	**0.0078**	**0.012**	0.28	**0.033**	<0.0002	**0.39**	<0.01	<0.01	<0.002	**0.22**	1.3
	11/13/01	NA	NA	NA	**0.012**	**0.053**	NA	**0.27**	**0.3**	NA	NA	NA	NA	NA	NA
	12/22/02	<0.10*	**0.075**	<0.050*	**0.027**	<0.025*	0.24	**0.12**	<0.0002	**0.36**	<0.050*	<0.050*	<0.050*	0.14	1.8
	06/18/03	NA	NA	NA	NA	NA	NA	**0.12**	NA	NA	NA	NA	NA	NA	NA
	11/08/06	**0.012**	**0.092**	0.025	**0.017**	**0.032 V**	0.29 V	**0.068**	0.000042 I	**0.27**	<0.0043	<0.0006	**0.0027 I**	0.0029 V	**2.0 V**
	08/26/09	0.00073 U	0.0036 U	0.020	**0.045**	**0.140**	0.23	**0.410**	0.000068 I	**0.75**	**0.590**	0.0006 I	0.00067 U	**0.210**	**4.7**
	03/02/10	0.00015 U	0.0085 U	0.00028 U	**0.0064**	**0.01**	0.12	0.0013 U	0.000014 U	**0.14**	0.0044 U	0.00012 U	0.00022 I	0.0023	1.0
	08/31/10	0.0015 U	**0.18**	0.0096	**0.021**	**0.018**	0.33	**0.09**	0.000031 I	**0.39**	0.044 U	0.0012 U	0.0017 I	**0.051**	1.9
	03/01/11	0.00015 I,J4	**0.023**	0.0079	**0.012**	**0.018**	0.27	0.0019 I	0.000018 I	**0.28**	0.0022 U,J4	0.000059 U,J4	0.00058 J4	0.011	1.7
	08/25/11	NA	0.0098	0.014	**0.017**	**0.021**	0.300	**0.022**	NA	**0.3100**	0.017 B	NA	0.0012	0.012	1.800
	03/13/12	NA	**0.0140**	NA	**0.014**	**0.020**	NA	0.0073	NA	**0.2900**	NA	NA	NA	NA	1.700
	08/22/12	NA	**0.570**	NA	**0.041**	**0.016**	NA	**0.160**	NA	**0.590**	NA	NA	NA	NA	**3.200**
	03/12/13	NA	**0.018**	NA	**0.0061**	**0.0053**	NA	0.013	NA	**0.130**	NA	NA	NA	NA	0.810
	08/22/13	NA	0.0014 J	NA	0.0021	0.0022	NA	0.0011 J	NA	**0.046**	NA	NA	NA	NA	0.390
	03/04/14	NA	0.0049	NA	**0.0052**	**0.0059**	NA	0.0018	NA	**0.11**	NA	NA	NA	NA	0.91
	08/05/14	NA	0.0085	NA	**0.018**	**0.019**	NA	0.0097	NA	**0.42**	NA	NA	NA	NA	**2.8**
MW-6I	05/09/00	NA	<0.01	0.16	NA	<0.005	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/01	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	06/18/03	NA	NA	NA	NA	NA	NA	0.0054	NA	NA	NA	NA	NA	NA	NA
	10/24/06	NA	<0.0038	0.049	NA	0.00038 V	NA	0.0057 I	0.000055 I	NA	<0.0043	<0.0006	NA	NA	NA
	08/27/09	0.000073 U	0.0085 U	0.057	0.00099	0.00032 U	0.0025 U	0.0057 V,I	0.000042 I	0.0027 I	0.0022 U	0.000059 U	0.000067 U	0.00025 I	0.022V
	03/01/10	0.00015 U	0.0085 U	0.08	0.0011	0.00032 U	0.0074	0.0031 I	0.000044 I	0.0014 I	0.0044 U	0.00012 U	0.00013 U	0.00035 I	0.028
	08/31/10	0.000073 U	0.0085 U	0.085	0.00079	0.00032 U	0.0051	0.0013 U	0.000022 I	0.0011 U	0.0022 U	0.000059 U	0.00015 I	0.00021 I	0.027
	03/02/11	0.000073 U	0.0085 U	0.074	0.00082	0.00032 U	0.0025 U	0.0031 I	0.000077 I	0.0012 I	0.0022 U	0.000059 U	0.00014 I	0.00033 I	0.037
	08/25/11	NA	0.0013 U	0.085	0.0013	0.00011 J	0.0028 J	0.0052	NA	0.0047 J	0.0010 U	NA	0.00050 U	0.0038 U	0.021
	03/14/12	NA	0.0013 U	NA	NA	NA	NA	0.0034	NA	0.0039 J	NA	NA	NA	NA	NA
	08/23/12	NA	0.0013 U	NA	NA	NA	NA	0.0041	NA	0.0026 J	NA	NA	NA	NA	NA
	03/13/13	NA	0.0013 U	NA	NA	NA	NA	0.0028	NA	0.0034 J	NA	NA	NA	NA	NA
	08/23/13	NA	0.0013 U	NA	NA	NA	NA	0.0020	NA	0.0020 U	NA	NA	NA	NA	NA
	03/11/14	NA	0.0013 U	NA	NA	NA	NA	0.0035	NA	0.0036 J	NA	NA	NA	NA	NA
	08/06/14	NA	0.0013 U	NA	NA	NA	NA	0.0040	NA	0.0046 J	NA	NA	NA	NA	NA

TABLE 3
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-7S-R	01/26/99	<0.025*	<0.05*	<0.05*	<0.02*	<0.025*	<0.12*	**0.05**	<0.0002	<0.2*	<0.05*	<0.05*	**0.0029**	0.061	0.25
	05/0900	<0.005	**0.017**	0.017	**0.0047**	<0.005	<0.025	**0.036**	<0.0002	<0.04	<0.01	<0.01	<0.002	0.061	0.28
	11/12/01	NA	NA	NA	0.0034	NA	NA	**0.033**	<0.05	NA	NA	NA	NA	NA	NA
	12/23/02	NA	NA	NA	<0.0040	NA	NA	0.0094	NA	<0.04	NA	NA	NA	NA	NA
	06/18/03	NA	NA	NA	NA	NA	NA	0.0098	NA	NA	NA	NA	NA	NA	NA
	11/08/06	**0.0077 I**	<0.0038	0.0027	**0.0044**	**0.0066 V**	0.18 V	<0.0019	0.000021 I	**0.2**	<0.0043	0.002 I V	<0.0010	**0.047 V**	1.7 V
	09/01/09	0.000087 I	0.0085 U	0.00028 U	**0.0079**	0.0028	0.11	0.0013 U	0.000014 U	**0.15**	0.0022 U	0.000059 U	0.000074 I	**0.032**	1.1
	03/02/10	0.00047 I	0.0085 U	0.019	**0.0042**	0.0014	0.057	0.0013 U	0.000014 U	0.098	0.0044 U	0.00012 U	0.00015 I	0.015	0.66
	09/01/10	0.00014 I	**0.017**	0.015	**0.0062**	0.0016	0.079	0.0013 U	0.000015 I	0.10	0.0022 U	0.000059 U	0.000094 I	**0.058**	0.68
Dissolved	09/01/10	NA	**0.012**	NA	**0.0058**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/01/11	0.00013 I,J4	**0.017**	0.042	**0.0041**	0.0014	0.061	0.0013 U	0.000014 U	**0.11**	0.0022 U,J4	0.000059 U,J4	0.000067 U,J4	**0.030**	0.68
Dissolved	03/01/11	NA	**0.020**	NA	**0.0045**	NA	NA	NA	NA	**0.12**	NA	NA	NA	NA	NA
	08/29/11	NA	0.0076	0.0030 J	**0.011**	0.0035	0.120	0.0013 J	NA	**0.190 B**	0.0020 J	NA	0.00050 U	0.084	1.200
Dissolved	08/29/11	NA	0.0044	0.0030 J	**0.0096**	0.0031	0.094	0.0014 J	NA	**0.160**	0.0083 B	NA	0.00050 U	0.075	0.940
	03/13/12	NA	0.0034	NA	**0.0043**	NA	NA	0.00057 J	NA	0.100	NA	NA	NA	NA	NA
	08/22/12	NA	0.0018 J	NA	**0.0054**	NA	NA	0.00044 J	NA	0.087	NA	NA	NA	NA	NA
Dissolved	08/22/12	NA	0.0021 J	NA	**0.0053**	NA	NA	0.00041 J	NA	0.091	NA	NA	NA	NA	NA
	03/12/13	NA	0.0034	NA	**0.0045**	NA	NA	0.0025	NA	**0.120**	NA	NA	NA	NA	NA
Dissolved	03/12/13	NA	0.0034	NA	**0.0046**	NA	NA	0.0023	NA	0.100	NA	NA	NA	NA	NA
	08/20/13	NA	0.0017 J	NA	**0.0056**	NA	NA	0.0024	NA	0.100	NA	NA	NA	NA	NA
Dissolved	08/20/13	NA	0.0021 J	NA	**0.0057**	NA	NA	0.0016	NA	0.092	NA	NA	NA	NA	NA
	03/05/14	NA	0.0043	NA	**0.0051**	NA	NA	0.0021	NA	**0.12**	NA	NA	NA	NA	NA
Dissolved	03/05/14	NA	0.0042	NA	**0.0052**	NA	NA	0.0016	NA	**0.12**	NA	NA	NA	NA	NA
	08/07/14	NA	0.0024 J	NA	**0.0051**	NA	NA	0.0011 J	NA	0.094	NA	NA	NA	NA	NA
MW-7I	05/08/00	NA	<0.01	0.58	NA	<0.005	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/01	NA	NA	NA	NA	NA	NA	**0.026**	NA	NA	NA	NA	NA	NA	NA
	12/22/01	NA	NA	NA	NA	NA	NA	**0.035**	NA	NA	NA	NA	NA	NA	NA
	06/19/03	NA	NA	NA	NA	NA	NA	**0.042**	NA	NA	NA	NA	NA	NA	NA
	10/25/06	NA	<0.0038	2.0	NA	0.0008 V	NA	**0.045**	0.00049	NA	<0.0043	<0.0006	NA	NA	NA
	08/26/09	0.000073 U	0.0085 U	**2.4**	**0.0053**	0.00075	0.016	**0.045**	0.00058	0.0095	0.0022 U	0.000059 U	0.000087 I	0.00049 I	0.13
	02/23/10	0.00011 I	0.0085 U	0.36	0.00044	0.00032 U	0.0025 U	0.0013 I	0.0016	0.0014 I	0.0022 U	0.00010 I	0.000067 U	0.0011 I	0.026
	08/25/10	0.00016 I	0.0085 U	0.13	0.00013 U	0.00032 U	0.0041	0.0013 U	0.00014	0.0011	0.0022 U	0.000059 U	0.000067 U	0.0023 V	0.0020 U
	02/23/11	0.000073 U,J4	**0.019**	**2.5 J4**	**0.0053**	0.00034 I	0.017	**0.052**	0.00066	0.0012	0.0022 U,J4	0.000059 U,J4	0.00039 J4	0.00054 I	0.13
	08/23/11	NA	0.0085	**2.5**	**0.0064**	0.00078	0.016	**0.067**	NA	0.015	0.016	NA	0.0005 U	0.0038 U	0.120
	03/14/12	NA	0.0081	**2.1**	**0.0046**	NA	NA	**0.049**	NA	0.012	NA	NA	NA	NA	NA
	08/23/12	NA	0.0027	1.7	0.0040	NA	NA	**0.043**	NA	0.0087	NA	NA	NA	NA	NA
	03/12/13	NA	0.0089	**2.3**	**0.0047**	NA	NA	**0.055**	NA	0.015	NA	NA	NA	NA	NA
	08/27/13	NA	0.0061	**2.3**	**0.0049**	NA	NA	**0.057**	NA	0.014	NA	NA	NA	NA	NA
	03/11/14	NA	0.0079	**2.7**	**0.0057**	NA	NA	**0.052**	NA	0.015	NA	NA	NA	NA	NA
Dissolved	03/11/14	NA	0.0081	**2.8**	**0.0058**	NA	NA	**0.053**	NA	0.016	NA	NA	NA	NA	NA
	08/07/14	NA	**0.012**	2.0	0.0039	NA	NA	**0.036**	NA	0.011	NA	NA	NA	NA	NA

TABLE 3
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-8S	01/26/99	<0.005	<0.2*	<0.2*	<0.08*	<0.1*	<0.5*	**0.36**	<0.0002	<0.8*	<0.2*	<0.2*	**0.0021**	<0.2*	0.49
	05/09/00	<0.005	<0.05*	<0.05*	<0.02*	<0.025*	<0.12*	**0.26**	<0.0002	<0.2*	<0.05*	<0.05*	<0.002	<0.05*	0.37
	11/13/01	NA	NA	NA	**0.0056**	0.0031	NA	**0.29**	NA	<0.05	NA	NA	NA	NA	NA
	12/23/02	<0.10*	**0.084**	<0.050*	<0.020*	<0.025*	<0.10*	**0.31**	<0.0002	<0.20*	<0.050*	<0.050*	<0.50*	<0.050*	0.5
Dissolved	12/23/02	<0.20*	<0.050*	<0.10*	<0.040*	<0.050*	<0.20*	**0.35**	NA	<0.40*	<0.10*	<0.10*	<0.10*	<0.10*	0.62
	06/18/03	NA	NA	NA	NA	NA	NA	**0.3**	NA	NA	NA	NA	NA	NA	NA
MW-8I	03/02/10	0.00015 U	0.0085 U	0.15	0.00081	0.00032 U	0.0057	0.0034 I	0.000014 U	0.0033 I	0.0044 U	0.00012 U	0.00019 I	0.00059 I	0.042
	08/31/10	0.00022 I	0.0085 U	0.15	0.0011	0.00032 U	0.0064	0.011	0.000014 U	0.0014 I	0.0022 U	0.000059 U	0.00022	0.00022 I	0.16
	03/01/11	0.000074 I	0.0085 U	0.085	0.00046	0.00032 U	0.0025 U	0.0060 I	0.000066 I	0.0011 U	0.0022 U	0.000059 U	0.00016 I	0.0010 I	0.032
	08/25/11	NA	0.0013 U	0.086	0.00057	0.000095 U	0.0022 J	0.0060	NA	0.0034 J	0.0032 B	NA	0.00050 U	0.0038 U	0.018 J
	03/13/12	NA	0.0013 U	NA	NA	NA	NA	0.0067	NA	0.0022 J	NA	NA	NA	NA	NA
	08/22/12	NA	0.0013 U	NA	NA	NA	NA	0.013	NA	0.0043 J	NA	NA	NA	NA	NA
	03/12/13	NA	0.0013 J	NA	NA	NA	NA	0.012	NA	0.0047 J	NA	NA	NA	NA	NA
	08/22/13	NA	0.0013 U	NA	NA	NA	NA	0.013	NA	0.0037 J	NA	NA	NA	NA	NA
	03/04/14	NA	0.0013 J	NA	NA	NA	NA	0.010	NA	0.0033 J	NA	NA	NA	NA	NA
	08/05/14	NA	0.0013 U	NA	NA	NA	NA	0.010	NA	0.0031 J	NA	NA	NA	NA	NA
MW-9S-R	0126/99	NA	<0.01	0.11	NA	<0.005	NA	0.0084	<0.0002	NA	NA	<0.01	NA	NA	NA
	05/09/00	NA	<0.01	0.13	NA	<0.005	NA	0.0056	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/12/01	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/23/02	<0.006	<0.010	0.9	**0.0052**	<0.0050	0.022	0.0097	NA	<0.04	<0.01	NA	<0.01	<0.01	1
	06/18/03	NA	NA	NA	NA	NA	NA	0.0069	NA	NA	NA	NA	NA	NA	NA
	11/08/06	NA	<0.0038	0.025	NA	**0.0096 V**	NA	0.0059 I	<0.00002	NA	<0.0043	0.00092 I V	NA	NA	NA
	08/26/09	0.000095 I	**0.029**	0.019	0.0040	0.0017	0.0038 I	**0.020**	0.000014 U	0.026	0.0030 I	0.000059 U	0.000098 I	0.00049 I	1.4
	03/02/10	0.00072 I	**0.095**	0.015	**0.0049**	0.0011	0.0035 I	**0.033**	0.000014 U	0.02	0.033	0.00012 U	0.00041	0.00018 U	0.97
	09/01/10	0.00013 I	**0.081**	0.018	0.0035	0.0007	0.0048	**0.027**	0.000014 U	0.014	0.0036 I	0.000059 U	0.00031	0.00050 I	0.86
	03/01/11	0.000087 I,J4	**0.075**	0.016	0.0032	0.00056 I	0.0025 U	**0.027**	0.000014 U	0.013	0.0022 U,J4	0.000059 U,J4	0.00040 J4	0.00020 I	0.73
	08/29/11	NA	**0.038**	0.017	0.0038	0.00080 J	0.0049 J	**0.0370**	NA	0.017	**0.057**	NA	0.00050 U	0.0076 U	0.560
	03/13/12	NA	**0.053**	NA	NA	NA	NA	**0.0260**	NA	0.015	NA	NA	NA	NA	NA
	08/22/12	NA	**0.055**	NA	NA	NA	NA	**0.032**	NA	0.014	NA	NA	NA	NA	NA
	03/12/13	NA	**0.049**	NA	NA	NA	NA	**0.028**	NA	0.011	NA	NA	NA	NA	NA
	08/20/13	NA	0.0074	NA	NA	NA	NA	0.0090	NA	0.0048 J	NA	NA	NA	NA	NA
	03/05/14	NA	**0.043**	NA	NA	NA	NA	**0.029**	NA	0.011	NA	NA	NA	NA	NA
	08/05/14	NA	**0.062**	NA	NA	NA	NA	**0.024**	NA	0.0072	NA	NA	NA	NA	NA

TABLE 3
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-10S-R	01/26/99	NA	<0.010	0.047	NA	<0.005	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	05/09/00	NA	<0.010	0.13	NA	<0.005	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/01	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/02	<0.20*	<0.10*	1.7	**0.04**	<0.050*	0.16	<0.0050	NA	<0.04	<0.10*	NA	<0.10*	<0.10*	0.2
	06/18/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/08/06	NA	<0.0038	0.21	NA	0.00015 I V	NA	<0.0019	<0.00002	NA	<0.0043	0.001 I V	NA	NA	NA
	08/27/09	0.000099 I	0.0085 U	0.19	0.00037	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0014 I	0.0022 U	0.000059 U	0.000067 U	0.00031 I	0.0091 V,I
	03/03/10	0.00018 I	0.0085 U	0.23	0.00038	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0044 U	0.00012 U	0.00013 U	0.00080 I	0.0088 I
	08/31/10	0.00036 I	0.0085 U	0.16	0.00034	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000093 I	0.0013 I	0.0072 I
	03/01/11	0.00012 I	0.0085 U	0.19	0.00037	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00043 I	0.015
	08/25/11	NA	0.0013 U	0.160	0.00052	0.000095 U	0.0011 U	0.00055 J	NA	0.0024 J	0.0010 U	NA	0.00050 U	0.0038 U	0.0083 U
	03/14/12	NA	0.0025	NA	0.00025 J	0.000095 U	NA	0.00020 J	NA	0.0026 J	NA	NA	NA	NA	NA
	08/22/12	NA	0.0013 U	NA	0.00049 J	0.000095 U	NA	0.00043 J	NA	0.0032 J	NA	NA	NA	NA	NA
	03/13/13	NA	0.0013 U	NA	0.00026 J	0.000095 U	NA	0.00029 J	NA	0.0023 J	NA	NA	NA	NA	NA
	08/21/13	NA	0.0042	NA	0.00025 U	0.000095 U	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	03/10/14	NA	0.0016 J	NA	0.00025 U	0.000095 U	NA	0.00043 J	NA	0.0023 J	NA	NA	NA	NA	NA
	08/07/14	NA	0.0013 U	NA	0.00052	0.000095 U	NA	0.00074 J	NA	0.0020 U	NA	NA	NA	NA	NA
MW-10I	11/08/06	NA	<0.0038	0.073	NA	<0.000051	NA	<0.0019	<0.00002	NA	<0.0043	0.0013 I V	NA	NA	NA
	08/27/09	0.000073 U	0.0085 U	0.090	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00031 I	0.008 V,I
	03/03/10	0.00034 I	0.0085 U	0.085	0.00013 U	0.00032 U	0.0025 U	0.013	0.000014 U	0.0011 U	0.0044 U	0.00012 U	0.00013 U	0.00069 I	0.0072 I
	08/31/10	0.000073 U	0.0085 U	0.11	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00031 I	0.01
	03/01/11	0.000087 I	0.0085 U	0.083	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00076 I	0.015
	08/25/11	NA	0.0013 U	0.091	0.00025 U	0.000095 U	0.0011 U	0.00020 U	NA	0.0020 U	0.0010 U	NA	0.00050 U	0.0038 U	0.0083 U
	03/14/12	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	08/22/12	NA	0.0013 U	NA	NA	NA	NA	0.00039 J	NA	0.0020 U	NA	NA	NA	NA	NA
	03/13/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	08/23/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	03/10/14	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	08/07/14	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA

TABLE 3
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-11S	03/04/99	NA	<0.01	0.033	NA	<0.005	NA	0.0077	<0.0002	NA	NA	<0.01	NA	NA	NA
	05/09/00	NA	<0.01	0.084	NA	<0.005	NA	**0.024**	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/01	NA	NA	NA	NA	NA	NA	0.014	NA	NA	NA	NA	NA	NA	NA
	12/23/02	<0.20*	**0.1**	**2.8**	**0.04**	<0.050*	0.18	<0.0050	NA	<0.04	<0.10*	NA	<0.10*	<0.10*	0.87
	06/18/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/24/06	<0.0026	<0.0038	0.16	<0.000017	0.00034 V	0.0036 I V	<0.0019	<0.00002	0.0079	<0.0043	<0.0006	<0.0010	0.0019 I	0.0039 I
	08/27/09	0.0014	0.0085 U	0.40	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0038 I	0.0022 U	0.000059 U	0.000067 U	0.0096	0.0020 U
	03/03/10	0.0039	0.0085 U	0.068	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0044 U	0.00012 U	0.00013 U	0.0041	0.022
	08/31/10	0.00079	**0.011**	0.22	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0034	0.0020 U
Dissolved	08/31/10	NA	0.0085 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/01/11	0.0012	0.010	0.16	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0012 I	0.0022 U	0.000059 U	0.000067 U	0.0012 I	0.0042 I
	08/25/11	NA	0.0029	0.390	0.00025 U	0.000095 U	0.0011 U	0.00020 U	NA	0.0020 U	0.0010 U	NA	0.00050 U	0.0038 U	0.0083 U
Dissolved	08/25/11	NA	0.0094	**3.000**	**0.0066**	0.0010	0.026	**0.083**	NA	0.020	0.0015 J	NA	0.0012	0.0038 U	0.130
	03/13/12	NA	0.0031	NA	NA	NA	NA	0.00020 U	NA	0.0025 J	NA	NA	NA	NA	NA
	08/22/12	NA	0.0060	NA	NA	NA	NA	0.00050 J	NA	0.0024 J	NA	NA	NA	NA	NA
Dissolved	08/22/12	NA	0.0053	NA	NA	NA	NA	0.00020 U	NA	0.0035 J	NA	NA	NA	NA	NA
	03/13/13	NA	0.0033	NA	NA	NA	NA	0.00020 U	NA	0.016	NA	NA	NA	NA	NA
	08/21/13	NA	**0.0130**	NA	NA	NA	NA	0.0064	NA	0.0039 J	NA	NA	NA	NA	NA
	03/07/14	NA	0.0030	NA	NA	NA	NA	0.00084 J	NA	0.0035 J	NA	NA	NA	NA	NA
	08/11/14	NA	0.0026	NA	NA	NA	NA	0.00046 J	NA	0.0033 J	NA	NA	NA	NA	NA
Dissolved	08/11/14	NA	0.0022 J	NA	NA	NA	NA	0.00020 U	NA	0.0036 J	NA	NA	NA	NA	NA
MW-12S	05/09/00	<0.005	**0.04**	1.2	**0.012**	<0.005	0.055	**0.047**	0.0007	0.05	<0.01	<0.01	**0.0023**	<0.01	0.21
	11/13/01	NA	NA	**4.9**	**0.011**	NA	NA	**0.19**	NA	NA	NA	<0.5	<0.501	NA	NA
	12/22/02	<0.20*	<0.10*	1.7	**0.04**	<0.050*	0.16	**0.087**	0.0017	<0.40*	<0.10*	<0.10*	<0.10*	<0.10*	0.87
	06/19/03	NA	**0.11**	NA	<0.04	NA	NA	**0.086**	0.0017	<0.2	NA	NA	<0.004	NA	NA
Dissolved	06/19/03	<0.006	**0.089**	1.3	**0.023**	<0.025	0.15	**0.049**	0.0016	**0.13**	<0.05	<0.05	<0.004	<0.05	NA
	10/24/06	<0.0026	<0.0038	0.38	0.0012	0.00027 V	0.0068 V	0.004 I	0.00048	0.002 I	<0.0043	<0.0006	<0.0010	0.00064 I	0.032
	08/25/09	0.00024 I	0.00036 U	**7.1**	**0.031**	**0.054**	0.34	**0.24**	**0.0024**	**0.260**	**0.190**	0.00018 I	0.00022	0.0017 U	1.3
Dissolved	08/25/09	NA	**NA**	**7.6**	**0.041**	**0.0054**	NA	**0.25**	0.00003 I	**0.250**	NA	NA	NA	NA	NA
	02/23/10	0.00011 I	**0.38**	**3.3**	**0.033**	**0.0062**	0.35	**0.19**	0.0017	**0.20**	**0.14**	0.00029 I	**0.0028**	0.0036	1.50
Dissolved	02/23/10	NA	**0.22**	0.79	**0.021**	0.0039	NA	**0.054**	NA	**0.14**	0.014	NA	**0.0021**	NA	NA
	08/25/10	0.00017 I	**0.18**	0.76	**0.02**	0.0031	0.21	**0.068**	0.0018	**0.13**	0.022	0.00018 I	**0.003**	0.00018 U	0.76
	02/23/11	0.0011 I,J4	**0.44**	1.8 J4	**0.040**	0.0036	0.40	**0.140**	**0.0021**	**0.24**	0.022 U,J4	0.00059 U J4	**0.0027 J4**	0.00068 I	1.3
	08/26/11	NA	**0.130**	0.590	**0.035**	0.0037 J	0.200	**0.060**	NA	**0.180**	**0.210 B**	NA	**0.0023**	0.076 U	0.760
	03/15/12	NA	**0.100**	0.710	**0.034**	**0.0058 J**	0.320	**0.062**	NA	**0.240**	**0.17**	NA	**0.0027**	NA	1.2
	08/23/12	NA	**0.160**	1.3	**0.041**	**0.0067**	0.340	**0.051**	NA	**0.240**	0.023	NA	0.0015	NA	1.4
	03/13/13	NA	**0.210**	1.3	**0.035**	0.0050	0.260	**0.085**	NA	**0.180**	**0.054**	NA	0.0014	NA	1.1
	08/20/13	NA	**0.210**	0.610	**0.037**	**0.0060**	0.350	**0.065**	NA	**0.250**	**0.570**	NA	**0.0024**	NA	1.200
	03/11/14	NA	**0.24**	1.3	**0.044**	0.0023	0.30	**0.050**	NA	**0.21**	0.038	NA	0.0019 J	NA	1.3
	08/07/14	NA	**0.59**	1.6	**0.038**	**0.0068**	0.33	**0.074**	NA	**0.23**	**0.10**	NA	**0.0025 J**	NA	1.3

TABLE 3
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-12I	03/04/99	NA	<0.01	0.36	NA	<0.005	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	05/09/00	NA	<0.01	0.38	NA	<0.005	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/01	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/02	NA	NA	NA	NA	NA	NA	0.0053	NA	NA	NA	NA	NA	NA	NA
	06/19/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/24/06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/25/09	0.000079 I	0.0085 U	0.55	0.0018	0.00032 U	0.0072	0.0019 I	0.00081	0.0088	0.0022 U	0.000059 U	0.000067 U	0.00024 I	0.048
	02/23/10	0.00010 I	0.0085 U	0.050	0.0015	0.00032 U	0.0087	0.0027 I	0.0011	0.0095	0.0022 U	0.000059 U	0.0002	0.0016	0.082
	08/25/10	0.000073 U	0.0085 U	0.59	0.0018	0.00032 U	0.007	0.0063 I	0.00086	0.0062 I	0.0022 U	0.000059 U	0.00026	0.0021 V	0.046
	02/23/11	0.000073 U	0.0085 U	0.59	0.0017	0.00032 U	0.0065	0.0035 I	0.00088	0.0056 I	0.0022 U	0.000059 U	0.00028	0.00030 I	0.050
	08/26/11	NA	0.0013 U	0.550	0.0020	0.000095 U	0.0052	0.0062	NA	0.0075	0.0010 U	NA	0.00050 U	0.0038 U	0.037
	03/15/12	NA	0.0013 U	0.550	0.0013	NA	NA	0.0064	NA	0.0066	NA	NA	NA	NA	NA
	08/23/12	NA	0.0013 U	0.510	0.0015	NA	NA	0.0059	NA	0.0067	NA	NA	NA	NA	NA
	03/13/13	NA	0.0013 U	0.460	0.0015	NA	NA	0.0054	NA	0.0077	NA	NA	NA	NA	NA
	08/20/13	NA	0.0013 U	0.490	0.0020	NA	NA	0.0069	NA	0.0083	NA	NA	NA	NA	NA
	03/11/14	NA	0.0013 U	0.53	0.0020	NA	NA	0.0069	NA	0.0090	NA	NA	NA	NA	NA
	08/07/14	NA	0.0018 J	0.43	0.0018	NA	NA	0.0055	NA	0.0075	NA	NA	NA	NA	NA
MW-13S-R	05/09/00	NA	<0.01	0.17	NA	<0.005	NA	0.0096	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/01	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/02	<0.02	<0.01	<0.01	<0.004	<0.005	<0.02	<0.005	NA	<0.04	<0.01	NA	<0.002	<0.01	0.86
	06/18/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/08/06	NA	<0.0038	0.46	NA	<0.000051 V	NA	<0.0019	<0.00002	NA	<0.0043	0.0016 I V	NA	NA	NA
	08/26/09	0.00034 I	0.0085 U	0.066	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000093 I	0.0003 I	0.011 V
	03/02/10	0.00022 I	0.0085 U	0.19	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0044 U	0.00012 U	0.00013 U	0.00052 I	0.0033 I
	09/01/10	0.000073 U	0.0085 U	0.07	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.00016 I	0.00040 I	0.0075 I
	03/01/11	0.00039 I	0.0085 U	0.037	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.00036	0.00018 U	0.017
	08/29/11	NA	0.0013 U	0.036	0.00025 U	0.00014 J	0.0011 U	0.00020 U	NA	0.0026 J	0.0022 J	NA	0.00050 U	0.0038 U	0.0083 U
	03/13/12	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0023 J	NA	NA	NA	NA	NA
	08/22/12	NA	0.0013 U	NA	NA	NA	NA	0.0010 J	NA	0.0035 J	NA	NA	NA	NA	NA
Dissolved	08/22/12	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0030 J	NA	NA	NA	NA	NA
	03/13/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0029 J	NA	NA	NA	NA	NA
	08/20/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0036 J	NA	NA	NA	NA	NA
	03/07/14	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0035 J	NA	NA	NA	NA	NA
	08/06/14	NA	0.0018 J	NA	NA	NA	NA	0.00020 U	NA	0.0041 J	NA	NA	NA	NA	NA
MW-13I	06/20/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/25/06	NA	<0.0038	0.064	NA	0.000088 I V	NA	<0.0019	<0.00002	NA	<0.0043	<0.0006	NA	NA	NA
	08/25/09	0.00014 I	0.0085 U	0.061	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0068	0.012
	02/23/10	0.00020 I	0.0085 U	0.11	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0067	0.0075 I
	08/24/10	0.00012 I	0.0085 U	0.039	0.00013 U	0.00032 U	0.0028 I	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 I	0.000067 U	0.010 V	0.011
	02/22/11	0.00017 I	0.0085 U	0.071	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0085	0.016
	08/23/11	NA	0.0013 U	0.088	0.00025 U	0.000095 U	0.0011 U	0.00020 U	NA	0.0020 U	0.0010 U	NA	0.00050 U	0.0085 J	0.0083 U
	03/14/12	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.002 U	NA	NA	NA	NA	NA
	08/23/12	NA	0.0013 U	NA	NA	NA	NA	0.00024 J	NA	0.0020 U	NA	NA	NA	NA	NA
	03/13/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	08/20/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	03/10/14	NA	0.0013 U	NA	NA	NA	NA	0.00047 J	NA	0.0022 J	NA	NA	NA	NA	NA
	08/05/14	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA

TABLE 3
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-14S	05/09/00	NA	<0.01	0.071	NA	<0.005	NA	<0.005	<0.0002	NA	NA	<0.01	NA	NA	NA
	11/13/01	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/02	NA	NA	NA	NA	NA	NA	<0.025*	NA	NA	NA	NA	NA	NA	NA
	06/18/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
MW-15S	05/08/00	<0.005	**0.024**	0.13	**0.0059**	<0.005	<0.025	0.015	<0.0002	<0.04	<0.01	<0.01	<0.002	<0.01	0.22
	11/13/01	NA	**0.028**	NA	0.0024	NA	NA	**0.021**	NA	NA	NA	NA	NA	NA	NA
	12/22/02	<0.006	**0.012**	0.22	<0.0040	<0.005	<0.020	**0.016**	0.00047	<0.04	<0.01	<0.01	<0.002	<0.01	0.2
	06/19/03	NA	NA	NA	NA	NA	NA	**0.018**	NA	NA	NA	NA	NA	NA	NA
	10/25/06	<0.0026	**0.025**	0.10	0.0039	0.0014 V	0.043 V	**0.025**	0.00018	0.027	<0.0043	<0.0006	<0.0010	0.0028	0.35
	08/25/09	0.00010 I	**0.028**	0.073	**0.0042**	0.0012	0.041	**0.021**	0.00017	0.029	0.0022 U	0.000059 U	0.00016 I	0.00092 I	0.37
	02/23/10	0.000096 I	**0.045**	0.059	**0.0042**	0.00120	0.042	**0.023**	0.00041	0.0340	0.025	0.000059 U	0.0004	0.00018 U	0.38
	08/25/10	0.00028 I	**0.045**	0.069	0.004	0.0012	0.039	**0.030**	0.00023	0.027	0.0037 I	0.000059 U	0.00043	0.0025 V	0.39
	02/23/11	0.000073 U,J4	**0.060**	0.058 J4	0.0039	0.00078	0.038	**0.025**	0.00016	0.030	0.0022 U,J4	0.000059 U,J4	0.00044 J4	0.00018 U	0.37
	08/24/11	NA	**0.033**	0.063	**0.0048**	0.0011	0.030	**0.031**	NA	0.032	**0.072**	NA	0.00050 U	0.0076 U	0.330
	03/14/12	NA	**0.013**	NA	0.0040	NA	NA	**0.033**	NA	0.030	NA	NA	NA	NA	NA
	08/23/12	NA	**0.066**	NA	**0.0047**	NA	NA	**0.028**	NA	0.044	NA	NA	NA	NA	NA
	03/13/13	NA	**0.044**	NA	**0.0043**	NA	NA	**0.027**	NA	0.039	NA	NA	NA	NA	NA
	08/27/13	NA	**0.037**	NA	**0.0049**	NA	NA	**0.031**	NA	0.049	NA	NA	NA	NA	NA
	03/11/14	NA	**0.054**	NA	**0.0053**	NA	NA	**0.029**	NA	0.043	NA	NA	NA	NA	NA
	08/07/14	NA	**0.097**	NA	0.0038	NA	NA	**0.026**	NA	0.039	NA	NA	NA	NA	NA
MW-16S	08/07/00	NA	<0.01	1.8	NA	<0.005	NA	**0.02**	NA	NA	NA	NA	NA	NA	NA
	11/13/01	NA	NA	0.95	NA	NA	NA	**0.075**	NA	NA	NA	NA	NA	NA	0.33
	12/22/02	<0.006	<0.01	0.9	**0.0052**	<0.005	0.022	**0.054**	<0.0002	<0.04	<0.01	<0.01	<0.002	<0.01	0.2
	06/20/03	NA	NA	NA	**0.0044**	NA	0.021	**0.046**	NA	NA	NA	NA	NA	NA	NA
MW-17S	08/08/00	NA	**0.15**	0.022	NA	**0.15**	NA	<0.0050	NA	NA	NA	NA	NA	NA	NA
	11/13/01	NA	**0.3**	NA	NA	**0.1**	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/02	NA	**0.6**	NA	NA	**0.14**	NA	0.011	NA	NA	NA	NA	NA	NA	NA
	06/19/03	NA	**0.88**	NA	NA	**0.18**	NA	0.011	NA	NA	NA	NA	NA	NA	NA

TABLE 3
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-18S	08/08/00	NA	<0.01	0.52	NA	<0.005	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/14/01	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/02	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	06/19/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/25/06	NA	<0.0038	0.65	NA	0.00047 V	NA	0.0028 I	0.00024	NA	<0.0043	<0.0006	NA	NA	NA
	08/31/09	0.00047 I	0.0085 U	0.31	0.0012	0.00032 U	0.0033 I	0.0013 U	0.000039 I	0.0038 I	0.0022 U	0.000059 U	0.00022	0.0018	0.084
	02/25/10	0.00023 I	0.0085 U	0.24	0.00095	0.00074	0.0031 I	0.0013 U	0.00014	0.0083	0.0022 U	0.000059 U	0.0003	0.0016	0.49
	08/26/10	0.00012 I	0.0085 U	0.11	0.00067	0.00032 U	0.0031 I	0.0013 U	0.000049 I	0.0037 I	0.0022 U	0.000059 U	0.00018 I	0.0034	0.38
	02/24/11	0.00055 I	0.0085 U	0.24	0.00083	0.00062	0.0026 I	0.0013 U	0.00015	0.0067	0.0022 U	0.000059 U	0.00019 I	0.0018	0.35
	08/29/11	NA	0.0015 J	0.032	0.00025 U	0.000095 U	0.0011 U	0.00020 U	NA	0.0033 J	0.0012 J,B	NA	0.00050 U	0.0038 U	0.024
	03/16/12	NA	0.0013 J	0.280	0.00120	0.00024 J	0.0012 J	0.00020 U	NA	0.0130	NA	NA	0.00050 U	NA	0.081
	08/23/12	NA	0.0013 U	0.130	0.00058	0.000095 U	0.0013 J	0.00027 J	NA	0.0064	NA	NA	0.00050 U	NA	0.039
	03/14/13	NA	0.0016 J	0.360	0.0018	0.00036 J	0.0014 J	0.00020 U	NA	0.015	NA	NA	0.00050 U	NA	0.100
	08/28/13	NA	0.0016 J	0.16	0.00082	0.00013 J	0.0011 U	0.00020 U	NA	0.0066	NA	NA	0.00050 U	NA	0.061
	03/07/14	NA	0.0013 U	0.31	0.0014	0.00050	0.0016 J	0.00020 U	NA	0.014	NA	NA	0.00050 U	NA	0.13
	08/05/14	NA	0.0013 U	0.20	0.00089	0.00050	0.0019 J	0.00020 U	NA	0.010	NA	NA	0.00050 U	NA	0.12
MW-19S	08/08/00	NA	**0.08**	0.039	NA	**0.044**	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/13/01	NA	**0.072**	NA	NA	**0.048**	NA	**0.02**	NA	NA	NA	NA	NA	NA	NA
	12/22/02	<0.006	**0.035**	0.026	<0.004	**0.045**	0.34	0.012	<0.0002	**0.2**	0.016	<0.01	<0.002	<0.01	**22**
	06/19/03	NA	**0.039**	NA	NA	**0.031**	0.2	0.011	NA	**0.15**	0.014	NA	NA	NA	**15**
	10/25/06	0.0031 I	0.0089 I	0.013	0.0011	**0.019 V**	0.24 V	<0.0019	0.00003 I	0.082	<0.0043	0.003	<0.0010	**0.022**	**9.2**
Dissolved	10/25/06	NA	NA	NA	NA	**0.0190**	0.25 V	NA	NA	0.085	NA	NA	NA	**0.022**	**9.6 V**
	08/31/09	0.0014	0.0085 U	0.0031	0.00013 U	**0.37**	0.13	0.0013 U	0.000014 U	0.058	0.0044 I	0.00035	0.0012	**0.020**	**2.2**
	02/24/10	0.0012	0.0085 U	0.015	0.00039	**0.013**	0.19	0.0013 U	0.000014 U	0.078	0.0042 I	0.00084	0.00075	**0.026**	**7.9**
	08/25/10	0.00062	**0.033**	0.015	0.00032	**0.012**	0.13	0.0013 U	0.000014 U	0.06	0.0056	0.00027 I	0.0014	0.015 V	**5.3**
	02/23/11	0.00080	**0.044**	0.0069	0.00025 I	**0.0085**	0.15	0.0013 U	0.000014 U	0.062	0.0022 U	0.00019 I	0.00078	0.014	**5.2**
	08/30/11	NA	**0.025**	0.0042 J	0.00036 J	**0.011**	0.170	0.00020 J	NA	0.068	0.0023 J, B	NA	0.00080 J	0.019	**5.0**
	03/15/12	NA	**0.018**	NA	NA	**0.0069**	NA	0.00020 U	NA	0.046	NA	NA	NA	NA	**4.3**
	08/25/12	NA	**0.024**	NA	NA	**0.0069**	NA	0.0017	NA	0.054	NA	NA	NA	NA	**3.9**
	03/14/13	NA	**0.015**	NA	NA	**0.0080**	NA	0.00020 U	NA	0.055	NA	NA	NA	NA	**5.6**
	08/29/13	NA	**0.014**	NA	NA	**0.011**	NA	0.00087 J	NA	0.070	NA	NA	NA	NA	**4.9**
	03/05/14	NA	**0.013**	NA	NA	**0.0054**	NA	0.0010 J	NA	0.042	NA	NA	NA	NA	**3.6**
	08/05/14	NA	**0.019**	NA	NA	**0.0053**	NA	0.00033 J	NA	0.048	NA	NA	NA	NA	**3.0**

TABLE 3
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-20S	08/08/00	NA	**0.62**	0.26	NA	<0.005	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/13/01	NA	<0.010	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/21/02	NA	<0.010	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	06/19/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/07/06	NA	<0.0038	0.26	NA	0.00017 I V	NA	<0.0019	<0.00002	NA	<0.0043	0.0011 I V	NA	NA	NA
Dissolved	11/07/06	NA	<0.0038	0.25	NA	0.00013 I V	NA	<0.0019	<0.00002	NA	<0.0043	0.0012 I V	NA	NA	NA
	08/28/09	0.0001 I	0.0085 U	0.24	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0011 I	0.0020 U
	02/25/10	0.000074 I	0.0085 U	0.23	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0017 I	0.0022 U	0.000059 U	0.000067 U	0.00028 I	0.0020 U
	08/25/10	0.00072	0.0085 U	0.20	0.00013 U	0.00032 U	0.0028 I	0.0014 I	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.007	0.0020 U
	02/28/11	0.00023 I	0.0085 U	0.23	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00047 I	0.0044 I
	08/30/11	NA	0.0013 U	0.210	0.00025 U	0.000095 U	0.0067	0.00036 J	NA	0.0037 J	0.0015 J, B	NA	0.00050 U	0.0038 U	0.021
	03/15/12	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	08/25/12	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	03/14/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	08/28/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	03/05/14	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	08/06/14	NA	0.0013 U	NA	NA	NA	NA	0.00028 J	NA	0.0020 U	NA	NA	NA	NA	NA
MW-21S	12/23/02	<0.006	<0.01	0.17	<0.004	<0.005	0.021	0.012	NA	<0.04	<0.01	NA	<0.002	0.034	0.038
Dissolved	12/23/02	NA	NA	0.14	NA	NA	NA	<0.0050	NA	NA	NA	NA	NA	NA	NA
	06/20/03	NA	NA	NA	NA	NA	0.016	**0.028**	NA	NA	NA	NA	NA	0.03	NA
Dissolved	06/20/03	NA	NA	NA	NA	NA	<0.014	<0.005	NA	NA	NA	NA	NA	<0.01	NA
	10/25/06	NA	<0.0038	0.18	NA	**0.0095 V**	NA	<0.0019	<0.00002	NA	<0.0043	<0.0006	NA	NA	NA
Dissolved	10/25/06	NA	NA	NA	NA	**0.0090**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/28/09	**0.019 V,I**	0.0085 U	0.065	**0.0042**	**0.0074**	0.013	0.0013 U	0.000014 U	0.055	0.0068 U	0.00080 I	0.00024	0.0051	1.1
Dissolved	08/28/09	0.00065	NA	NA	0.0022	**0.0072**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/24/10	0.00081	0.0085 U	0.07	**0.0053**	**0.006**	0.011	0.0013 U	0.000014 U	0.052	0.013	0.000059 U	0.00042	0.0067	1.20
Dissolved	02/24/10	NA	NA	NA	0.0022	**0.0058**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/24/10	0.00086	**0.012**	0.058	0.0022	0.0046	0.010	0.0013 U	0.000014 U	0.046	0.0053	0.000059 U	0.00041	0.0059 V	0.86
	02/23/11	0.00065	**0.019**	0.044	0.00088	0.0022	0.0079	0.0013 U	0.000014 U	0.027	0.0022 U	0.000059 U	0.00024	0.0023	0.47
	08/26/11	NA	0.0017 J	0.035	0.00025 U	0.00074	0.0095	0.00020 U	NA	0.0094	0.0019 J	NA	0.00050 U	0.0038 U	0.120
	03/16/12	NA	0.0018 J	NA	0.00074	0.00170	NA	0.00020 U	NA	0.0270	NA	NA	NA	NA	NA
	08/21/12	NA	0.0019 J	NA	0.0010	0.0016	NA	0.00020 U	NA	0.030	NA	NA	NA	NA	NA
	03/18/13	NA	0.0018 J	NA	0.00085	0.0013	NA	0.00022 J	NA	0.028	NA	NA	NA	NA	NA
	08/27/13	NA	0.0041	NA	0.00060	0.0011	NA	0.00022 J	NA	0.035	NA	NA	NA	NA	NA
	03/11/14	NA	0.0050	NA	0.00025 U	0.000095 U	NA	0.00051 J	NA	0.014	NA	NA	NA	NA	NA
	08/11/14	NA	0.0058	NA	0.00025 U	0.00011 J	NA	0.0011 J	NA	0.015	NA	NA	NA	NA	NA

TABLE 3
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-22S	12/22/02	<0.10*	**0.075**	0.37	<0.004	<0.025*	0.24	<0.005	NA	<0.04	<0.050*	NA	<0.050*	0.14	1.8
	06/20/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/27/06	<0.0034	<0.0038	0.15 V	0.00033	<0.000051	<0.00096	<0.0019	<0.00002	0.0058 I V	<0.0043	0.0011 I V	<0.0010	0.00093 I	0.026 V
	08/31/09	0.000084 I	0.0085 U	0.11	0.00018 I	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0036 I	0.0022 U	0.000059 U	0.000067 U	0.00079 I	0.037
	02/25/10	0.00034 I	0.0085 U	0.11	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0048 I	0.0022 U	0.000059 U	0.000079 I	0.00066 I	**0,016**
	08/26/10	0.000094 I	0.0085 U	0.097	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0044 I	0.0022 U	0.000059 U	0.000067 U	0.0018	0.011
	02/24/11	0.00038 I	0.0085 U	0.150	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0025 I	0.0022 U	0.000059 U	0.000067 U	0.0017	0.018
	08/30/11	NA	0.0013 U	0.150	0.00025 U	0.000095 U	0.0011 U	0.00020 U	NA	0.0039 J	0.0022 J	NA	0.00050 U	0.0038 U	0.0083 U
	03/16/12	NA	0.0013 J	NA	NA	NA	NA	0.00020 U	NA	0.0043 J	NA	NA	NA	NA	NA
	08/24/12	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0053	NA	NA	NA	NA	NA
	03/19/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0040 J	NA	NA	NA	NA	NA
	08/28/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0038 J	NA	NA	NA	NA	NA
	03/07/14	NA	0.0016 J	NA	NA	NA	NA	0.00020 U	NA	0.0023 J	NA	NA	NA	NA	NA
	08/05/14	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0030 J	NA	NA	NA	NA	NA
MW-23S	12/23/02	<0.10*	<0.010	0.46	<0.004	<0.025*	0.29	0.0065	NA	<0.04	<0.050*	NA	<0.050*	0.15	1.7
	06/20/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/27/06	<0.0034	<0.0038	0.37 V	0.0022	0.00015 I V	0.0044	0.0053 I V	<0.00002	0.0072 V	<0.0043	0.00082 I	<0.0010	<0.00055	0.042 V
	08/31/09	0.000073 U	0.0085 U	0.34	0.0020	0.00032 U	0.0052	0.0044 I	0.000014 U	0.0034 I	0.0022 U	0.000059 U	0.00018 I	0.00020 I	0.030
	03/01/10	0.00015 U	0.0085 U	0.32	0.0022	0.00032 U	0.0057	0.0045 I	0.000014 U	0.0031 I	0.0044 U	0.00012 U	0.00017 I	0.00071 I	0.029
	08/26/10	0.000073 U	0.0085 U	0.31	0.0017	0.00032 U	0.0066	0.0050 I	0.000015 I	0.0025 I	0.0022 U	0.000059 U	0.00015 I	0.0011 I	0.023
	02/24/11	0.000073 U	0.0085 U	0.33	0.0022	0.00032 U	0.0037 I	0.0028 I	0.000014 U	0.0053 I	0.0022 U	0.000059 U	0.00014 I	0.00018 U	0.035
	08/31/11	NA	0.0013 U	0.330	0.0017	0.00011 J	0.0049 J	0.0045	NA	0.0062	0.0018 J	NA	0.00050 U	0.0038 U	0.022
	03/16/12	NA	0.0013 U	0.280	0.00091	0.00011 J	NA	0.0016	NA	0.0046 J	NA	NA	0.00050 U	NA	0.033
	08/26/12	NA	0.0013 U	0.340	0.0023	0.00012 J	NA	0.0043	NA	0.0063	NA	NA	0.00050 U	NA	0.025
	03/19/13	NA	0.0013 U	0.300	0.0016	0.00013 J	NA	0.0030	NA	0.0061	NA	NA	0.00050 U	NA	0.037
	08/23/13	NA	0.0013 U	0.220	0.00088	0.000095 U	NA	0.0011 J	NA	0.0036 J	NA	NA	0.00050 U	NA	0.038
	03/04/14	NA	0.0013 U	0.28	0.0016	0.000095 U	NA	0.0042	NA	0.0049 J	NA	NA	0.00050 U	NA	0.022
	08/06/14	NA	0.0013 U	0.27	0.0015	0.000095 U	NA	0.0046	NA	0.0056	NA	NA	0.00050 U	NA	0.023

TABLE 3
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-24S	12/21/02	<0.006	**0.035**	0.18	<0.004	**0.049**	0.32	<0.005	NA	<0.04	0.016	NA	<0.002	<0.010	**22**
	06/19/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/26/06	NA	<0.0038	0.14	NA	0.00014 I V	NA	0.0044 I	<0.00002	NA	<0.0043	<0.0006	NA	NA	NA
	09/01/09	0.000073 U	0.0085 U	0.15	0.00066	0.00032 U	0.0025 I	0.0019 I	0.000014 U	0.0019 I	0.0022 U	0.000059 U	0.000067 U	0.00018 U	0.017
	02/26/10	0.000073 U	0.0085 U	0.19	0.00078	0.00032 U	0.0030 I	0.0041 I	0.000014 U	0.0026 I	0.0022 U	0.000059 U	0.000088 I	0.00018 U	0.021
	08/27/10	0.000081 I	0.0085 U	0.14	0.00055	0.00032 U	0.0045	0.0039 I	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0013 I	0.023
	02/28/11	0.000095 I	0.0085 U	0.13	0.00063	0.00032 U	0.0025 U	0.0022 I	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000092 I	0.00038 I	0.025
	08/26/11	NA	0.0013 U	0.130	0.00071	0.000095 U	0.0026 J	0.0030	NA	0.0052	0.0020 J	NA	0.00050 U	0.0038 U	0.014 J
	03/19/12	NA	0.0013 U	NA	NA	NA	NA	0.0034	NA	0.004 J	NA	NA	NA	NA	NA
	08/25/12	NA	0.0013 U	NA	NA	NA	NA	0.0034	NA	0.0040 J	NA	NA	NA	NA	NA
	03/19/13	NA	0.0013 U	NA	NA	NA	NA	0.0026	NA	0.0046 J	NA	NA	NA	NA	NA
	08/21/13	NA	0.0013 U	NA	NA	NA	NA	0.00088 J	NA	0.0024 J	NA	NA	NA	NA	NA
	03/05/14	NA	0.0013 U	NA	NA	NA	NA	0.0052	NA	0.0055	NA	NA	NA	NA	NA
	08/11/14	NA	0.0013 U	NA	NA	NA	NA	0.0033	NA	0.0048 J	NA	NA	NA	NA	NA
MW-25S	12/21/02	<0.40*	<0.20*	0.25	**0.47**	<0.10*	<0.40*	<0.005	NA	**0.68**	<0.20*	NA	<0.20*	**0.22**	1.4
	06/19/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/27/06	<0.0034	<0.0038	0.15 V	0.00094	<0.000051	<0.00096	<0.0019	0.000022 I	0.006 I V	<0.0043	<0.0006	<0.0010 J4	0.0012 I	0.022 V
	08/31/09	0.000073 U	0.0085 U	0.10	0.00078	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000091 I	0.0018	0.013
	02/25/10	0.000073 U	0.0085 U	0.19	0.00082	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0019 I	0.0022 U	0.000059 U	0.000067 U	0.00018 U	0.029
	08/25/10	0.000073 U	0.0085 U	0.093	0.00073	0.00032 U	0.0029 I	0.0031 I	0.000020 I	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0048	0.019
	02/28/11	0.000093 I	0.0085 U	0.130	0.00055	0.00032 U	0.0025 U	0.0023 I	0.000029 I	0.0011 U	0.0022 U	0.000059 U	0.00021	0.0018	0.015
	08/31/11	NA	0.0022 J	0.160	0.0011	0.000095 U	0.0032 J	**0.019**	NA	0.0030 J	0.0021 J	NA	0.00050 U	0.0079 J	0.034
	03/16/12	NA	0.0013 U	NA	NA	NA	NA	0.00043 J	NA	0.0065	NA	NA	NA	NA	NA
	08/24/12	NA	0.0013 U	NA	NA	NA	NA	0.00058 J	NA	0.0034 J	NA	NA	NA	NA	NA
	03/20/13	NA	0.0013 U	NA	NA	NA	NA	0.0017	NA	0.012	NA	NA	NA	NA	NA
	08/27/13	NA	0.0013 U	NA	NA	NA	NA	0.00074 J	NA	0.0041 J	NA	NA	NA	NA	NA
	03/04/14	NA	0.0013 U	NA	NA	NA	NA	0.0011 J	NA	0.0044 J	NA	NA	NA	NA	NA
	08/07/14	NA	0.0013 U	NA	NA	NA	NA	0.0019	NA	0.0023 J	NA	NA	NA	NA	NA
MW-26S	12/21/02	<0.006	<0.01	0.3	<0.004	<0.005	<0.02	<0.005	NA	<0.04	<0.01	NA	<0.002	<0.01	0.2
	06/19/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/07/06	<0.0026	<0.0038	0.15	0.00023	0.000096	0.0055 V	0.0044 I V	<0.00002	<0.0016	<0.0043	0.0011 I V	0.0013 I	<0.00055	0.017 V
	08/28/09	0.000073 U	0.0085 U	0.10	0.00013 I	0.00032 U	0.0025 U	0.0034 I	0.000018 I	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00028 I	0.012
	02/25/10	0.000074 I	0.0085 U	0.098	0.00013 U	0.00032 U	0.0025 U	0.0021 I	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00018 U	0.0077 I
	08/25/10	0.00035 I	0.0085 U	0.098	0.00013 U	0.00032 U	0.0032 I	0.0051 I	0.000047 I	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0013 I	0.0064 I
	02/28/11	0.00042 I	0.0085 U	0.11	0.00013 U	0.00032 U	0.0025 U	0.0025 I	0.000055 I	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00034 I	0.016
	08/30/11	NA	0.0013 U	0.092	0.00025 U	0.000095 U	0.0015 J	0.0038	NA	0.0023 J	0.0015 J, B	NA	0.00050 U	0.0038 U	0.0083 U
	03/15/12	NA	0.0013 U	NA	NA	NA	NA	0.0025	NA	0.002 U	NA	NA	NA	NA	NA
	08/25/12	NA	0.0013 U	NA	NA	NA	NA	0.0060	NA	0.0020 U	NA	NA	NA	NA	NA
	03/14/13	NA	0.0013 U	NA	NA	NA	NA	0.0021	NA	0.0027 J	NA	NA	NA	NA	NA
	08/28/13	NA	0.0013 U	NA	NA	NA	NA	0.0012 J	NA	0.0020 U	NA	NA	NA	NA	NA
	03/05/14	NA	0.0013 U	NA	NA	NA	NA	0.0034	NA	0.0020 U	NA	NA	NA	NA	NA
	08/06/14	NA	0.0013 U	NA	NA	NA	NA	0.0044	NA	0.0020 U	NA	NA	NA	NA	NA

TABLE 3
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-27S-R	12/22/02	<0.80*	<0.01	<0.40*	<0.16*	<0.20*	**1.8**	<0.005	NA	<1.6*	<0.40*	NA	<0.40*	<0.40*	**2.5**
	06/18/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/08/06	NA	<0.0038	0.09	NA	0.00011 I V	NA	<0.0019	<0.00002	NA	<0.0043	0.0013 I V	NA	NA	NA
	08/26/09	0.00037 I	0.0085 U	0.16	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0017 I	0.0022 U	0.000059 U	0.000067 U	0.0014 I	0.002 U
	03/03/10	0.00072 I	0.0085 U	0.084	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0020 I	0.0044 U	0.00012 U	0.00013 U	0.0010 U	0.0037 I
	09/01/10	0.00042 I	0.0085 U	0.14	0.00018 I	0.00032 U	0.0034 I	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0013 I	0.0020 U
	03/01/11	0.00	**0.015**	0.11	0.00014 I	0.00032 U	0.0030 I	0.0013 U	0.000014 U	0.022	0.0022 U	0.000070 I	0.000067 U	0.00071 I	0.23
	08/29/11	NA	0.0014 J	0.150	0.00025 U	0.000095 U	0.0011 U	0.00020 U	NA	0.0032 J	0.0013 J	NA	0.00050 U	0.0038 U	0.0083 U
	03/13/12	NA	0.0052	NA	NA	NA	NA	0.0011 J	NA	0.0350	NA	NA	NA	NA	NA
	08/22/12	NA	0.0042	NA	NA	NA	NA	0.0022	NA	0.021	NA	NA	NA	NA	NA
	03/13/13	NA	0.0026	NA	NA	NA	NA	0.00071 J	NA	0.021	NA	NA	NA	NA	NA
	08/20/13	NA	0.0030	NA	NA	NA	NA	0.0022	NA	0.0092	NA	NA	NA	NA	NA
	03/07/14	NA	0.0023 J	NA	NA	NA	NA	0.0012 J	NA	0.016	NA	NA	NA	NA	NA
	08/06/14	NA	0.010	NA	NA	NA	NA	0.00035 J	NA	0.0074	NA	NA	NA	NA	NA
MW-28S	12/22/02	NA	<0.010	**10**	NA	NA	NA	**0.043**	NA	NA	NA	NA	NA	NA	NA
	06/20/03	NA	NA	**8.3**	NA	NA	NA	**0.045**	NA	NA	NA	NA	NA	NA	NA
	08/25/09	0.00082	0.0085 U	0.043	0.00036	0.00041 I	0.014	0.0013 U	0.000014 U	0.0019 I	0.0065	0.000059 U	0.000067 U	**0.036**	0.11
	03/08/10	0.0015	0.0085 U	1.5	**0.0047**	0.00080 U	0.02	0.0013 U	0.000055 I	0.015	0.032 J4	0.00012 U	0.00040 I	0.0075	0.19
	08/24/10	0.00049 I	0.0085 U	1.0	**0.0062**	0.00091	0.024	0.0013 U	0.000052 I	0.016	0.0030 I	0.000059 U	0.00061	0.0095 V	0.24
	02/22/11	0.00020 I	0.010	**2.5 J4**	**0.0076**	0.00043 I	0.023	0.0013 U	0.00014	0.020	0.0022 U	0.000059 U	0.00062	0.0051	0.20
	08/23/11	NA	0.0021 J	0.210	0.0039	0.00070	0.018	0.00038 J	NA	0.016	0.020	NA	0.00058 J	0.0095 J	0.110
	03/14/12	NA	0.0013 J	1.500	**0.0058**	NA	NA	0.0019	NA	0.020	NA	NA	NA	NA	NA
	08/21/12	NA	0.0021 J	1.400	**0.0050**	NA	NA	0.00081 J	NA	0.022	NA	NA	NA	NA	NA
	03/14/13	NA	0.0021 J	0.300	0.0012	NA	NA	0.0031	NA	0.010	NA	NA	NA	NA	NA
Dissolved	03/14/13	NA	0.0013 U	0.300	0.0011	NA	NA	0.0012 J	NA	0.0097	NA	NA	NA	NA	NA
	08/27/13	NA	0.0016 J	0.54	0.0030	NA	NA	0.0017	NA	0.017	NA	NA	NA	NA	NA
	03/11/14	NA	0.0026	**2.9**	**0.0078**	NA	NA	0.0024	NA	0.030	NA	NA	NA	NA	NA
Dissolved	03/11/14	NA	0.0020 J	**2.5**	**0.0068**	NA	NA	0.0017	NA	0.026	NA	NA	NA	NA	NA
	08/11/14	NA	0.0021 J	**2.8**	0.0037	NA	NA	**0.021**	NA	0.019	NA	NA	NA	NA	NA
MW-29S	06/20/03	NA	NA	NA	**0.0064**	NA	0.024	**0.089**	NA	NA	NA	NA	NA	NA	NA
	10/25/06	<0.0026	<0.0038	**3.3**	**0.0077**	0.0013 V	0.041 V	**0.11**	0.00071	0.013	<0.0043	<0.0006	<0.0010	0.0008 I	0.23
	05/25/09	0.00016 I	0.0085 U	2.0	**0.0051**	0.00078	0.026	**0.070**	0.00073	0.0080	0.0022 U	0.000059 U	0.00096	0.00027 I	0.12
	02/22/10	0.00028 I	0.0085 U	1.6	**0.0045**	0.00061	0.02	**0.06**	0.00110	0.0089	0.0022 U	0.000064 I	0.00110	0.00018 U	0.099
	08/24/10	0.000073 U	**0.015**	**2.2**	**0.0057**	0.00076	0.027	**0.082**	0.00089	0.010	0.0022 U	0.000059 U	0.0013	0.00098 I,V	0.12
	02/22/11	0.000099 I,J4	**0.023**	**2.8 J4**	**0.0067**	0.00055 I	0.026	**0.080**	0.00081	0.014	0.0022 U,J4	0.000059 U,J4	0.0012 J4	0.00018 U	0.13
	08/24/11	NA	0.0079	**3.1**	**0.00790**	0.00089	0.024	**0.093**	NA	0.018	0.017	NA	0.0013	0.0038 U	0.120
	03/14/12	NA	0.0092	**3.1**	**0.00710**	NA	0.021	**0.081**	0.00084	0.019	NA	NA	NA	NA	NA
	08/21/12	NA	0.0032	**2.6**	**0.0059**	NA	0.019	**0.074**	0.00076	0.016	NA	NA	NA	NA	NA
	03/14/13	NA	0.0048	1.7	0.0039	NA	0.017	**0.056**	0.0018	0.011	NA	NA	NA	NA	NA
	08/28/13	NA	0.0019 J	1.1	0.0026	NA	0.0085	**0.046**	0.00110	0.0072	NA	NA	NA	NA	NA
	03/12/14	NA	0.0027	1.1	0.0026	NA	0.012	**0.040**	0.0013	0.0080	NA	NA	NA	NA	NA
	08/12/14	NA	0.0028	1.4	0.0032	NA	0.015	**0.048**	0.00069	0.011	NA	NA	NA	NA	NA

TABLE 3
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-30S	06/20/03	NA	NA	1.7	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
Dissolved	06/20/03	NA	NA	1.7	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/25/06	NA	<0.0038	**3.6**	NA	0.00054 V	NA	**0.012**	0.00037	NA	<0.0043	<0.0006	NA	NA	NA
	08/25/09	0.00023 I	0.0085 U	**2.7**	**0.0043**	0.00037 I	0.0096	0.0060 I	0.00026	0.0086	0.0022 U	0.000059 U	0.000067 U	0.00047 I	0.050
	02/23/10	0.00017 I	0.0085 U	**3.1**	**0.0051**	0.00072	0.0094	0.0084	0.00039	0.013	0.0022 U	0.000059 U	0.00025	0.00018 U	0.051
	08/24/10	0.000073 U	0.0085 U	**2.5**	**0.0039**	0.00034 I	0.0096	0.012	0.00026	0.0083	0.0022 U	0.000059 U	0.00034	0.0012 I,V	0.043
	02/22/11	0.00043 I	0.0085 U	**2.4**	0.0035	0.00032 U	0.0250	0.0083	0.00027	0.0085	0.0022 U	0.000059 U	0.00025	0.00020 I	0.047
	08/23/11	NA	0.0013 U	1.9	0.0034	0.00020 J	0.0061	0.012	NA	0.0098	0.0010 U	NA	0.00050 U	0.0038 U	0.030
	03/14/12	NA	0.0013 U	**2.1**	0.0032	NA	0.0021 J	0.012	NA	0.0110	NA	NA	NA	NA	NA
	08/21/12	NA	0.0013 U	2.0	0.0031	NA	0.0066	0.011	NA	0.011	NA	NA	NA	NA	NA
	03/15/13	NA	0.0013 U	**2.3**	0.0031	NA	0.0062	0.011	NA	0.011	NA	NA	NA	NA	NA
	08/22/13	NA	0.0013 U	**2.100**	0.0032	NA	0.0045 J	0.012	NA	0.010	NA	NA	NA	NA	NA
	03/12/14	NA	0.0013 U	2.0	0.0027	NA	0.0056	0.0099	NA	0.0093	NA	NA	NA	NA	NA
	08/08/14	NA	0.0013 U	2.0	0.0031	NA	0.0057	0.0097	NA	0.0098	NA	NA	NA	NA	NA
MW-31S	06/20/03	NA	NA	0.45	<0.004	NA	0.024	**0.04**	<0.0002	NA	NA	NA	NA	NA	NA
	11/07/06	NA	<0.0038	0.17	NA	0.00017 I V	NA	0.004 I V	<0.00002	NA	<0.0043	0.00077 I V	NA	NA	NA
Dissolved	11/07/06	NA	<0.0038	0.13	NA	0.00018 I V	NA	<0.0019	<0.00002	NA	<0.0043	0.00075 I V	NA	NA	NA
	08/25/09	0.00011 I	0.0085 U	0.16	0.00077	0.00032 U	0.0046	0.0028 I	0.000014 U	0.0026 I	0.0022 U	0.000059 U	0.000067 U	0.0068	0.023
	02/23/10	0.00030 I	**0.011**	0.23	0.0016	0.00032 U	0.017	**0.021**	0.000014 U	0.017	0.0022 U	0.000059 U	0.00014 I	**0.043**	0.05
Dissolved	02/23/10	NA	0.0085 U	NA	NA	NA	NA	0.0013 U	NA	NA	NA	NA	NA	0.0047	NA
	08/24/10	0.00029 I	0.0085 U	0.13	0.0012	0.00032 U	0.018	**0.028**	0.000014 U	0.018	0.0022 U	0.000059 U	0.00023	**0.044 V**	0.051
Dissolved	08/24/10	NA	NA	NA	NA	NA	NA	0.0025 I	NA	NA	NA	NA	NA	0.0038	NA
	02/22/11	0.00010 I,J4	0.0085 U	0.19 J4	0.003	0.00032 U	0.044	**0.050**	0.000078 I	**0.20**	0.0022 U,J4	0.000059 U,J4	0.00037 J4	**0.094**	0.11
Dissolved	02/22/11	NA	NA	NA	NA	NA	NA	0.0013 U	NA	0.0056 I	NA	NA	NA	NA	NA
	08/24/11	NA	0.0013 U	0.130	0.00072	0.000095 U	0.0020 J	0.0035	NA	0.0027 J	0.0010 U	NA	0.00050 U	0.0038 U	0.0091 J
Dissolved	08/24/11	NA	0.0013 U	**2.200**	0.0034	0.00029 J	0.0067	**0.017**	NA	0.011	0.0010 U	NA	0.00050 U	0.0038 U	0.029
	03/15/12	NA	0.0013 U	0.060	0.00028 J	NA	NA	0.00085 J	NA	0.002 U	NA	NA	NA	NA	NA
Dissolved	03/15/12	NA	0.0013 U	0.057	0.00027 J	NA	NA	0.00038 J	NA	0.002 U	NA	NA	NA	NA	NA
	08/24/12	NA	0.0013 U	0.150	0.00066	NA	NA	0.0016	NA	0.0024 J	NA	NA	NA	NA	NA
	03/20/13	NA	0.0013 U	0.073	0.00029 J	NA	NA	0.0013 J	NA	0.0020 U	NA	NA	NA	NA	NA
Dissolved	03/20/13	NA	0.0013 U	0.073	0.00025 U	NA	NA	0.0010 J	NA	0.0020 U	NA	NA	NA	NA	NA
	08/28/13	NA	0.0013 U	0.076	0.00077	NA	NA	0.0028	NA	0.0037 J	NA	NA	NA	NA	NA
	03/12/14	NA	0.0013 U	0.083	0.00035 J	NA	NA	0.00098 J	NA	0.0020 U	NA	NA	NA	NA	NA
Dissolved	03/12/14	NA	0.0013 U	0.085	0.00038 J	NA	NA	0.00089 J	NA	0.0020 U	NA	NA	NA	NA	NA
	08/13/14	NA	0.0013 U	0.053	0.00025 J	NA	NA	0.0023	NA	0.0023 J	NA	NA	NA	NA	NA
Dissolved	08/13/14	NA	0.0013 U	0.052	0.00025 J	NA	NA	0.0022	NA	0.0020 U	NA	NA	NA	NA	NA

TABLE 3
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-32S	06/20/03	NA	**0.024**	NA	NA	**0.013**	NA	0.011	NA	NA	NA	NA	NA	NA	NA
	10/25/06	<0.0026	<0.0038	0.011	0.00044	**0.02 V**	0.048 V	<0.0019	0.000038 I	0.06	<0.0043	0.0017 I	<0.0010	0.0071	**2.3**
Dissolved	10/25/06	NA	NA	NA	NA	**0.019**	0.043 V	NA	NA	0.063	NA	NA	NA	NA	**2.4 V**
MW-32S-R	02/23/10	0.00068	0.0085 U	0.01	0.00013 U	0.0041	0.018	0.0013 U	0.000014 U	0.032	0.013	0.000059 U	0.00079	0.0024	0.67
	08/24/10	0.00013 I	0.0085 U	0.021	0.00013 U	0.005	0.026	0.0013 U	0.000014 U	0.026	0.0085	0.000059 U	0.00079	0.0041 V	0.87
	02/23/11	0.00067	**0.038**	0.0064	0.00013 U	0.0025	0.016	0.0013 U	0.000022 I	0.021	0.0053	0.000059 U	0.00076	0.0036	0.37
	08/26/11	NA	0.0035	0.018	0.00025 U	0.0039	0.017	0.00075 J	NA	0.030	0.0054 B	NA	0.00091 J	0.0038 U	0.520
	03/20/12	NA	0.0092	NA	NA	NA	NA	0.00086 J	NA	0.025	NA	NA	NA	NA	NA
	08/21/12	NA	0.0062	NA	NA	NA	NA	0.00046 J	NA	0.023	NA	NA	NA	NA	NA
	03/18/13	NA	0.014	NA	NA	NA	NA	0.00020 U	NA	0.018	NA	NA	NA	NA	NA
	08/20/13	NA	0.0028	NA	NA	NA	NA	0.00020 U	NA	0.0051	NA	NA	NA	NA	NA
	03/11/14	NA	0.0023 J	NA	NA	NA	NA	0.00039 J	NA	0.019	NA	NA	NA	NA	NA
	08/05/14	NA	0.010	NA	NA	NA	NA	0.0013 J	NA	0.024	NA	NA	NA	NA	NA
MW-32I	02/23/10	0.00024 I	0.0085 U	0.23	0.0022	0.0012	0.052	0.0013 U	0.000020 I	0.032	0.0096	0.000059 U	0.00097	0.00077 I	0.062
	08/24/10	0.000076 I	**0.073**	0.22	**0.018**	**0.0056**	0.087	**0.093**	0.00021	0.098	0.0095	0.00013 I	0.0017	0.0010 I,V	0.38
Dissolved	08/24/10	NA	**0.110**	NA	**0.017**	**0.0050**	NA	**0.087**	NA	NA	NA	NA	NA	NA	NA
	02/22/11	0.000073 U,J4	**0.120**	0.13 J4	**0.019**	0.0050	0.087	**0.096**	0.00029	0.10	0.0022 U,J4	0.00014 I,J4	0.0017 J4	0.00018 U	0.38
	08/26/11	NA	**0.063**	0.110	**0.0230**	**0.0062**	0.110	**0.130**	NA	**0.150**	**0.100 B**	NA	0.0015	0.038 U	0.480
	03/20/12	NA	**0.075**	0.510	**0.0190**	**0.0062**	NA	**0.094**	NA	0.100	NA	NA	0.0012	NA	NA
	08/21/12	NA	**0.071**	0.570	**0.019**	**0.0055**	NA	**0.096**	NA	**0.110**	NA	NA	0.0011	NA	NA
	03/18/13	NA	**0.055**	0.52	**0.016**	**0.0056**	NA	**0.096**	NA	**0.110**	NA	NA	0.0011	NA	NA
	08/20/13	NA	**0.040**	0.430	**0.017**	**0.0060**	NA	**0.120**	NA	**0.110**	NA	NA	0.0013	NA	NA
	03/11/14	NA	**0.083**	0.37	**0.023**	**0.0055**	NA	**0.11**	NA	**0.13**	NA	NA	0.0014 J	NA	NA
	08/05/14	NA	**0.10**	0.41	**0.019**	**0.0058**	NA	**0.091**	NA	0.098	NA	NA	0.0015	NA	NA
MW-33S	06/19/03	NA	NA	NA	NA	<0.005	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	09/01/09	0.00029 I	0.0085 U	0.028	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0014 I	0.0096 I
	02/26/10	0.000087 I	0.0085 U	0.02	0.00031	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0023 I	0.0022 U	0.000059 U	0.000070 I	0.00052 I	0.16
	08/30/10	0.000073 U	0.0085 U	0.032	0.00016 I	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0012 I	0.011
	02/28/11	0.00035 I	0.0085 U	0.028	0.00015 I	0.00032 U	0.0025 U	0.0013 U	0.000020 I	0.0011 U	0.0022 U	0.000059 U	0.000076 I	0.0018 I	0.056
	03/16/12	NA	0.0013 U	NA	NA	NA	NA	0.0038	NA	0.0044 J	NA	NA	NA	NA	0.160
	08/24/12	NA	0.0013 U	NA	NA	NA	NA	0.00051 J	NA	0.0020 U	NA	NA	NA	NA	0.018 J
	03/20/13	NA	0.0013 U	NA	NA	NA	NA	0.0012 J	NA	0.0032 J	NA	NA	NA	NA	0.059
	08/27/13	NA	0.0013 U	NA	NA	NA	NA	0.0021	NA	0.0020 U	NA	NA	NA	NA	0.051
	03/05/14	NA	0.0013 U	NA	NA	NA	NA	0.0018	NA	0.0029 J	NA	NA	NA	NA	0.089
	08/07/14	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	0.011 J

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Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-34S	06/19/03	NA	**0.015**	NA	NA	**0.031**	0.069	0.0068	NA	**0.14**	<0.010	NA	NA	NA	**4.9**
	11/07/06	NA	<0.038	0.049	NA	**0.081**	NA	<0.019	<0.00002	NA	<0.043	0.019 I V	NA	NA	NA
Dissolved	11/07/06	NA	<0.038	0.048	NA	**0.079**	NA	<0.019	<0.00002	NA	<0.043	0.016 I V	NA	NA	NA
	08/31/09	0.0024	0.0085 U	0.030	0.00013 U	**0.035**	0.14	0.0013 U	0.000014 U	**0.12**	0.022	0.00079	0.0017	**0.038**	**5.6**
	02/24/10	0.002	0.0085 U	0.013	0.00013 U	**0.019**	0.058	0.0013 U	0.000014 U	0.073	0.02	0.00010 I	0.00098	**0.029**	**2.9**
	08/25/10	0.004	**0.089**	0.32	0.0034	**0.023**	0.42	**0.33**	0.00051	0.068	0.023 I	0.0025	0.0013	**0.09 V**	**6.1**
Dissolved	08/25/10	NA	**0.026**	NA	NA	**0.021**	NA	0.0013 U	NA	NA	NA	NA	NA	**0.059**	1.8
	02/23/11	0.0013 J4	**0.035**	0.02 J4	0.00013 I	**0.024**	0.12	0.0013 U	0.000016 I	**0.120**	0.010 J4	0.00025 I,J4	0.00089 J4	0.016	**7.5**
	08/31/11	NA	0.0080	0.065	0.00059	**0.036**	0.310	**0.017**	NA	**0.200**	0.0033	NA	0.0013	0.028	**8.6**
	03/15/12	NA	0.0092	NA	NA	**0.039**	NA	**0.029**	NA	**0.230**	NA	NA	NA	NA	**19**
	08/25/12	NA	0.0064	NA	NA	**0.017**	NA	0.0061	NA	0.099	NA	NA	NA	NA	**3.5**
	03/14/13	NA	0.0053	NA	NA	**0.0091**	NA	0.00079 J	NA	0.064	NA	NA	NA	NA	**2.3**
	08/21/13	NA	0.0058	NA	NA	**0.0056**	NA	0.00020 U	NA	0.042	NA	NA	NA	NA	1.200
	03/05/14	NA	0.0088	NA	NA	**0.0074**	NA	0.00041 J	NA	0.058	NA	NA	NA	NA	1.5
	08/07/14	NA	0.010	NA	NA	**0.0095**	NA	0.0020	NA	0.053	NA	NA	NA	NA	1.6
MW-34I	02/24/10	0.00071 J4	0.0085 U	0.13	0.0017	0.00032 U	0.0046	0.0036 I	0.000014 U	0.01	0.0022 U	0.00026 I	0.00020 I	**0.019**	0.027
Dissolved	02/24/10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0053	NA
	08/25/10	0.000073 U	0.0085 U	0.084	0.00021 I	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0058 V	0.0071 I
	02/23/11	0.00013 I	0.0085 U	0.083	0.0016	0.00032 U	0.0046	0.0050 I	0.000014 U	0.011	0.0022 U	0.000059 U	0.00019 I	**0.0240**	0.037
	08/30/11	NA	0.0013 U	0.084	0.00041 J	0.000095 U	0.0011 U	0.0010 J	NA	0.0027 J	0.0015 J, B	NA	0.00050 U	0.0038 U	0.0083 U
	03/15/12	NA	0.0014 J	NA	NA	NA	NA	0.0016	NA	0.002 J	NA	NA	NA	NA	0.0083 U
Dissolved	03/15/12	NA	0.0013 U	NA	NA	NA	NA	0.00064 J	NA	0.0023 J	NA	NA	NA	NA	0.0083 U
	08/25/12	NA	0.0013 U	NA	NA	NA	NA	0.0038	NA	0.0044 J	NA	NA	NA	NA	0.018 J
Dissolved	08/25/12	NA	0.0013 U	NA	NA	NA	NA	0.00084 J	NA	0.0020 U	NA	NA	NA	NA	0.0083 U
	03/14/13	NA	0.0013 U	NA	NA	NA	NA	0.0024	NA	0.0039 J	NA	NA	NA	NA	0.0083 U
Dissolved	03/14/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	0.0083 U
	08/21/13	NA	0.0013 U	NA	NA	NA	NA	0.0044	NA	0.0055	NA	NA	NA	NA	0.019 J
Dissolved	08/21/13	NA	0.0013 U	NA	NA	NA	NA	0.0012 J	NA	0.0026 J	NA	NA	NA	NA	0.0083 U
	03/05/14	NA	0.0013 J	NA	NA	NA	NA	0.0042	NA	0.0054	NA	NA	NA	NA	0.019 J
Dissolved	03/05/14	NA	0.0013 U	NA	NA	NA	NA	0.0010 J	NA	0.0020 U	NA	NA	NA	NA	0.0083 U
	08/07/14	NA	0.0013 U	NA	NA	NA	NA	0.0021	NA	0.0036 J	NA	NA	NA	NA	0.013 J
Dissolved	08/07/14	NA	0.0013 U	NA	NA	NA	NA	0.00059 J	NA	0.0020 U	NA	NA	NA	NA	0.0083 U

TABLE 3
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-35S	11/07/06	<0.0026	<0.0038	**2.2**	0.0035	0.0012 V	0.01 V	0.0093 V	0.00019	0.0088	<0.0043	0.0012 I V	<0.0010	0.00077 I V	0.05 V
	08/25/09	0.0002 I	0.0085 U	**3.0**	**0.0052**	0.00045 I	0.011	**0.014**	0.00023	0.010	0.0022 U	0.000059 U	0.00015 I	0.00076 I	0.051
	02/22/10	0.00046 I	0.0085 U	**3.10**	**0.0058**	0.00045 I	0.01	**0.017**	0.00062	0.0130	0.0022 U	0.000059 U	0.00036	0.00030 I	0.050
	08/24/10	0.00014 I	0.0085 U	**2.5**	**0.0045**	0.00035 I	0.01	**0.019**	0.00027	0.0074	0.0022 U	0.000059 U	0.00029	0.0013 I,V	0.041
	02/22/11	0.00019 I	0.0085 U	**2.6**	**0.0043**	0.00032 U	0.0074	**0.016**	0.00036	0.0087	0.0022 U	0.000059 U	0.00030	0.00018 U	0.048
	08/23/11	NA	0.0013 U	2.0	0.0039	0.00031 J	0.0065	**0.017**	NA	0.012	0.0010 U	NA	0.00050 U	0.0038 U	0.031
	03/14/12	NA	0.0013 U	**2.2**	NA	NA	NA	**0.017**	0.00034	0.011	NA	NA	NA	NA	NA
	08/21/12	NA	0.0013 U	2.0	NA	NA	NA	**0.017**	0.00012 J	0.011	NA	NA	NA	NA	NA
	03/13/13	NA	0.0013 U	**2.4**	NA	NA	NA	**0.017**	0.00031	0.012	NA	NA	NA	NA	NA
	08/27/13	NA	0.0013 U	**2.5**	NA	NA	NA	**0.022**	0.00033	0.012	NA	NA	NA	NA	NA
	03/11/14	NA	0.0013 U	**2.1**	NA	NA	NA	0.015	0.00025	0.010	NA	NA	NA	NA	NA
	08/11/14	NA	0.0013 U	1.8	NA	NA	NA	0.015	0.00015 J	0.0098	NA	NA	NA	NA	NA
MW-36S	11/08/06	<0.0026	**0.053**	0.019	**0.0074**	0.001 V	0.02 V	**0.17 V**	0.000027 I	0.024	<0.0043	0.0006	<0.0010	0.0014 I	0.27 V
	08/26/09	0.00019 I	**0.065**	0.016	**0.0089**	0.00081	0.013	**0.16 V**	0.000082 I	0.027	0.0022 U	0.000059 U	0.00087	0.0005 I	0.21 V
	03/02/10	0.00041 I	**0.056**	0.05	**0.0049**	0.00034 I	0.0025 U	**0.031**	0.000098 I	0.013	0.016	0.00012 U	0.00033 I	0.00062 I	0.084
Dissolved	03/02/12	NA	**0.061**	NA	NA	NA	NA	**0.023**	NA	NA	NA	NA	NA	0.00042 I	NA
	09/01/10	0.00016 I	**0.11**	0.018	**0.011**	0.0015	0.02	**0.21**	0.00064	0.03	0.0037 I	0.000059 U	0.0011	0.0053	0.23
	03/01/11	0.00030 I J4	**0.048**	0.031	0.0028	0.00032 U	0.0025 U	**0.052**	0.00056	0.012	0.0022 U,J4	0.000059 U,J4	0.00048 J4	0.00030 I	0.14
	08/29/11	NA	**0.0520**	0.015	**0.0099**	0.0011 J	0.020	**0.210**	NA	0.044	**0.078**	NA	0.0012	0.015 U	0.270
	03/13/12	NA	0.0013 U	NA	0.00025 U	NA	NA	0.00031 J	NA	0.002 U	NA	NA	NA	NA	NA
	08/22/12	NA	**0.055**	NA	**0.0045**	NA	NA	**0.054**	NA	0.022	NA	NA	NA	NA	NA
	03/12/13	NA	0.0094	NA	0.00071	NA	NA	0.0087	NA	0.0071	NA	NA	NA	NA	NA
	08/20/13	NA	0.0046	NA	0.00089	NA	NA	0.0140	NA	0.0034 J	NA	NA	NA	NA	NA
	03/07/14	NA	0.0013 U	NA	0.00025 U	NA	NA	0.0016	NA	0.0020 U	NA	NA	NA	NA	NA
	08/06/14	NA	**0.16**	NA	**0.0095**	NA	NA	**0.22**	NA	0.044	NA	NA	NA	NA	NA
MW-37S	11/08/06	NA	<0.0038	1.1	NA	0.00016 I V	NA	<0.0019	<0.00002	NA	<0.0043	0.0022 I V	NA	NA	NA
	08/26/09	0.0002 I	0.0085 U	1.1	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0027 I	0.0022 U	0.000059 U	0.000067 U	0.00077 I	0.002 U
	03/03/10	0.00068 I	0.0085 U	1.1	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0028 I	0.0044 U	0.00012 U	0.00013 U	0.00070 I	0.0020 U
	09/01/10	0.00014 I	0.0085 U	1.2	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0017 I	0.0022 U	0.000059 U	0.000067 U	0.0010 I	0.0020 U
	03/01/11	0.000073 U	0.0085 U	1.1	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0039 I	0.0022 U	0.000059 U	0.000067 U	0.00032 I	0.0020 U
	08/29/11	NA	0.0023 J	1.100	0.00025 U	0.000095 U	0.0011 U	0.00020 U	NA	0.0020 U	0.0013 J	NA	0.00050 U	0.0038 U	0.0083 U
	03/13/12	NA	0.002 J	NA	NA	NA	NA	0.00020 U	NA	0.002 U	NA	NA	NA	NA	NA
	08/22/12	NA	0.0023 J	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	03/13/13	NA	0.0021 J	NA	NA	NA	NA	0.00032 J	NA	0.0020 U	NA	NA	NA	NA	NA
	08/20/13	NA	0.0018 J	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	03/05/14	NA	0.0024 J	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	08/05/14	NA	0.0026	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA

TABLE 3
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-38S	11/08/06	NA	<0.0038	0.054	NA	0.000086 I V	NA	<0.0019	<0.00002	NA	<0.0043	0.0014 I V	NA	NA	NA
	08/26/09	0.00012 I	0.0085 U	0.059	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00018 U	0.0091 V,I
	03/03/10	0.00015 U	0.0085 U	0.068	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0044 U	0.00012 U	0.00013 U	0.00040 I	0.0069 I
	09/01/10	0.000073 U	0.0085 U	0.049	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00018 U	0.0077 I
	03/01/11	0.000073 U	0.0085 U	0.052	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.00023 I	0.013
	08/24/11	NA	0.0013 U	0.077	0.00028 J	0.000095 U	0.0011 U	0.00040 J	NA	0.0020 J	0.0010 U	NA	0.00050 U	0.0038 U	0.0083 U
	03/14/12	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.002 U	NA	NA	NA	NA	NA
	08/22/12	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	03/13/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0027 J	NA	NA	NA	NA	NA
	08/21/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	03/07/14	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	08/08/14	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
MW-39S	11/08/06	NA	<0.0038	0.26	NA	0.000096 I V	NA	<0.0019	0.000056 I	NA	<0.0043	0.0011 I V	NA	NA	NA
	08/27/09	0.000073 U	0.0085 U	0.13	0.00069	0.00032 U	0.0025 U	0.0015 V,I	0.00025	0.0036 I	0.0022 U	0.00059 U	0.000067 U	0.00018 U	0.027 V
	03/01/10	0.00015 U	0.0085 U	0.13	0.00097	0.00032 U	0.0036 I	0.0013 U	0.00031	0.0042 I	0.0044 U	0.00012 U	0.00015 I	0.00034 I	0.032
	08/31/10	0.000073 U	0.0089 I	0.11	0.0011	0.00032 U	0.005	0.0020 I	0.00014 I	0.0021 I	0.0022 U	0.000059 U	0.0002 I	0.00069 I	0.094
	03/02/11	0.000073 U	0.0085 U	0.098	0.00097	0.00032 U	0.0025 U	0.0016 I	0.00022	0.0050 I	0.0022 U	0.000059 U	0.00017 I	0.00018 U	0.054
	08/25/11	NA	0.0035	0.080	0.0017	0.00018 J	0.0049 J	0.0053	NA	0.011	0.0078	NA	0.00050 U	0.0038 U	0.042
	03/14/12	NA	0.0090	0.076	0.0020	NA	NA	0.0072	NA	0.017	NA	NA	NA	NA	0.083
	08/23/12	NA	0.0034	0.067	0.0021	NA	NA	0.0096	NA	0.015	NA	NA	NA	NA	0.053
	03/13/13	NA	0.0056	0.051	0.0016	NA	NA	0.0067	NA	0.015	NA	NA	NA	NA	0.067
	08/21/13	NA	0.0026	0.048	0.0018	NA	NA	0.0071	NA	0.013	NA	NA	NA	NA	0.052
	03/11/14	NA	0.0031	0.060	0.0013	NA	NA	0.0058	NA	0.012	NA	NA	NA	NA	0.052
	08/06/14	NA	0.0026	0.050	0.00097	NA	NA	0.0043	NA	0.0069	NA	NA	NA	NA	0.028
MW-40S	02/24/10	0.00017 I	0.0085 U	0.052	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0021 I	0.0022 U	0.000059 U	0.000067 U	0.0054	0.010
	08/24/10	0.000093 I	0.0085 U	0.062	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000074 I	0.0049 V	0.01
	02/22/11	0.000093 I	0.0085 U	0.035	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0015 I	0.0022 U	0.000059 U	0.000067 U	0.0044	0.017
	08/29/11	NA	0.0014 J	0.039	0.00025 U	0.000095 U	0.0011 U	0.00053 J	NA	0.0020 U	0.0017 J	NA	0.00050 U	0.0045 J	0.0083 U
	03/15/12	NA	0.0014 J	NA	0.00025 U	0.00021 J	NA	0.00048 J	NA	0.002 U	NA	NA	0.00050 U	NA	NA
	08/23/12	NA	0.0013 U	NA	0.00025 U	0.000095 U	NA	0.00054 J	NA	0.0020 J	NA	NA	0.00050 U	NA	NA
	03/15/13	NA	0.0013 U	NA	0.00025 U	0.000095 U	NA	0.00054 J	NA	0.0027 J	NA	NA	0.00050 U	NA	NA
	08/20/13	NA	0.0013 U	NA	0.00025 U	0.000095 U	NA	0.00020 U	NA	0.0020 U	NA	NA	0.00050 U	NA	NA
	03/11/14	NA	0.0013 U	NA	0.00025 U	0.000095 U	NA	0.00057 J	NA	0.0020 U	NA	NA	0.00050 U	NA	NA
	08/12/14	NA	0.0013 U	NA	0.00025 U	0.000095 U	NA	0.0012 J	NA	0.0021 J	NA	NA	0.00050 U	NA	NA
Dissolved	08/12/14	NA	0.0013 U	NA	0.00032 J	0.000095 U	NA	0.00093 J	NA	0.0020 U	NA	NA	0.00050 U	NA	NA

TABLE 3
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-41S	02/24/10	0.00017 I	**0.015**	0.051	**0.0099**	0.0041	0.048	**0.052**	0.000014 U	0.05	0.028	0.000061 I	**0.0026**	0.00074 I	0.70
	08/24/10	0.000073 U	**0.027**	0.034	**0.0087**	0.0031	0.042	**0.052**	0.000014 U	0.039	0.004 I	0.000059 U	**0.0021**	0.0023 V	0.58
	02/23/11	0.000073 U,J4	**0.045**	0.033 J4	**0.0077**	0.0026	0.040	**0.044**	0.000030 I	0.039	0.0022 U,J4	0.000069 I,J4	0.0019 J4	0.0011 I	0.58
	08/29/11	NA	0.0070	0.032	**0.0058**	0.0017	0.022	**0.042**	NA	0.027	0.015 B	NA	0.0016	0.0038 U	0.310
	03/15/12	NA	**0.0190**	NA	**0.0060**	0.0030	NA	**0.042**	NA	0.039	NA	NA	0.0017	NA	NA
	08/23/12	NA	0.0045	NA	**0.0050**	0.0019	NA	**0.035**	NA	0.026	NA	NA	0.0013	NA	NA
	03/18/13	NA	**0.014**	NA	**0.0043**	0.0028	NA	**0.034**	NA	0.036	NA	NA	0.0012	NA	NA
	08/27/13	NA	0.0080	NA	**0.0046**	0.0024	NA	**0.037**	NA	0.031	NA	NA	0.0013	NA	NA
	03/11/14	NA	**0.013**	NA	**0.0046**	0.0023	NA	**0.033**	NA	0.032	NA	NA	0.0012	NA	NA
	08/07/14	NA	**0.016**	NA	0.0040	0.0015	NA	**0.024**	NA	0.023	NA	NA	0.0011	NA	NA
MW-42S	02/25/10	0.0019	0.0085 U	0.0021	0.00013 U	0.0021	0.039	0.0013 U	0.000014 I	0.054	0.0039 I	0.000059 U	0.00054	0.0092	1.3
	08/26/10	0.0025	**0.079**	0.004	0.00013 U	0.00058 I	0.017	0.0013 U	0.000040 I	0.047	0.0042 I	0.000059 U	0.00049	0.007	0.51
Dissolved	08/26/10	NA	**0.064**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/24/11	0.0025	**0.060**	0.0022	0.00013 U	0.0014	0.020	0.0013 U	0.000014 U	0.048	0.0022 U	0.000059 U	0.00054	0.0095	1.2
Dissolved	02/24/11	NA	**0.063**	NA	**NA**	NA	NA	**NA**	NA	NA	NA	NA	NA	NA	NA
	08/30/11	NA	**0.042**	0.0037 J	0.00057	0.0015	0.026	0.00020 U	NA	0.039	0.0031 B	NA	0.00050 U	0.019	1.200
Dissolved	08/30/11	NA	**0.046**	0.0013 J	0.00025 U	0.0011	0.020	0.00020 U	NA	0.040 B	0.0018 J	NA	0.00058 J	0.014	0.280
	03/16/12	NA	**0.031**	0.0025 J	0.00025 U	0.0038	NA	0.00020 U	NA	0.059	NA	NA	NA	NA	2.000
Dissolved	03/16/12	NA	**0.030**	0.0022 J	0.00025 U	0.0035	NA	0.00020 U	NA	0.056	NA	NA	NA	NA	1.700
	08/24/12	NA	**0.029**	0.011	0.00025 U	0.0038	NA	0.00020 U	NA	0.056	NA	NA	NA	NA	1.700
Dissolved	08/24/12	NA	**0.029**	0.014	0.00075 J	0.0040	NA	0.00040 U	NA	0.058	NA	NA	NA	NA	**3.100**
	03/14/13	NA	**0.026**	0.0024 J	0.00025 U	0.0021	NA	0.00020 U	NA	0.035	NA	NA	NA	NA	0.970
	08/29/13	NA	**0.036**	0.0044 J	0.00034 J	0.0032	NA	0.00020 U	NA	0.057	NA	NA	NA	NA	**2.3**
Dissolved	08/29/13	NA	**0.034**	0.0046 J	0.00027 J	0.0032	NA	0.00020 U	NA	0.054	NA	NA	NA	NA	**2.1**
	03/04/14	NA	**0.031**	0.0032 J	0.00064	0.0025	NA	0.00020 U	NA	0.054	NA	NA	NA	NA	**3.0**
Dissolved	03/04/14	NA	**0.034**	0.0013 U	0.00045 J	0.0024	NA	0.00020 U	NA	0.059	NA	NA	NA	NA	**2.8**
	08/05/14	NA	**0.048**	0.0013 U	0.00025 U	0.0016	NA	0.00071 J	NA	0.050	NA	NA	NA	NA	1.1
MW-43S	02/25/10	0.00044 I	0.0085 U	0.0082	0.00013 U	0.0021	0.0025 U	0.0013 U	0.000014 U	0.035	0.0022 U	0.000059 U	0.00018 I	0.0035	0.35
	08/26/10	0.00041 I	**0.026**	0.004	0.00013 U	0.0026	0.0051	0.0013 U	0.000049 I	0.046	0.0022 U	0.000059 U	0.00020 I	0.0098	0.44
	02/24/11	0.00032 I	**0.018**	0.001	0.00013 U	0.0020	0.0025 U	0.0013 U	0.000014 U	0.044	0.0022 U	0.000059 U	0.000076 I	0.0050	0.42
	08/30/11	NA	**0.015**	0.0013 U	0.00025 U	0.0033	0.0035 J	0.00020 U	NA	0.059	0.0023 J, B	NA	0.00050 U	0.0093 J	0.360
	03/15/12	NA	**0.013**	NA	NA	0.0019	NA	0.00020 U	NA	0.034	NA	NA	NA	NA	0.270
	08/24/12	NA	**0.012**	NA	NA	0.0027	NA	0.00020 U	NA	0.039	NA	NA	NA	NA	0.240
	03/14/13	NA	**0.011**	NA	NA	0.0020	NA	0.00020 U	NA	0.041	NA	NA	NA	NA	0.250
	08/22/13	NA	**0.016**	NA	NA	0.0027	NA	0.00020 U	NA	0.058	NA	NA	NA	NA	0.280
	03/07/14	NA	0.010	NA	NA	0.0016	NA	0.00020 U	NA	0.030	NA	NA	NA	NA	0.16
	08/08/14	NA	**0.014**	NA	NA	0.0019	NA	0.00020 U	NA	0.029	NA	NA	NA	NA	0.15

TABLE 3
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Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-44S	02/25/10	0.001	0.0085 U	0.067	**0.0055**	0.00068	0.0025 U	0.0013 U	0.000014 U	0.024	0.0022 U	0.000059 U	0.00077	0.00062 I	0.095
	08/26/10	0.00015 I	0.0085 U	0.057	0.00018 I	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0034 I	0.0022 U	0.000059 U	0.000083 I	0.0019	0.0046 I
	02/24/11	0.00029 I	0.0085 U	0.044	0.00041	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0040 I	0.0022 U	0.000059 U	0.00012 I	0.00069 I	0.015
	08/30/11	NA	0.0022 J	0.053	0.00029 J	0.000095 U	0.0011 U	0.00020 U	NA	0.0055	0.0017 J, B	NA	0.00050 U	0.0038 U	0.0083 U
	03/16/12	NA	0.0013 J	NA	NA	0.000095 U	NA	0.00020 J	NA	0.0043 J	NA	NA	NA	NA	NA
	08/24/12	NA	0.0021 J	NA	NA	0.000095 U	NA	0.00020 U	NA	0.0057	NA	NA	NA	NA	NA
	03/19/13	NA	0.0013 U	NA	NA	0.000095 U	NA	0.00020 U	NA	0.0067	NA	NA	NA	NA	NA
	08/28/13	NA	0.0026	NA	NA	0.000095 U	NA	0.00020 U	NA	0.0023 J	NA	NA	NA	NA	NA
	03/07/14	NA	0.0013 U	NA	NA	0.000095 U	NA	0.00020 U	NA	0.0036 J	NA	NA	NA	NA	NA
	08/05/14	NA	0.0013 U	NA	NA	0.000095 U	NA	0.00020 U	NA	0.0066	NA	NA	NA	NA	NA
MW-45S	08/31/11	NA	0.0087	0.031	0.0015	0.00032 J	0.0069	0.00020 J	NA	0.023	0.0049	NA	0.00050 U	0.0038 U	0.032
	03/19/12	NA	**0.0190**	NA	NA	NA	NA	0.00020 U	NA	0.0078	NA	NA	NA	NA	NA
	08/25/12	NA	**0.019**	NA	NA	NA	NA	0.0028	NA	0.011	NA	NA	NA	NA	NA
	03/20/13	NA	**0.019**	NA	NA	NA	NA	0.0010 J	NA	0.011	NA	NA	NA	NA	NA
	08/22/13	NA	**0.026**	NA	NA	NA	NA	0.00020 U	NA	0.0035 J	NA	NA	NA	NA	NA
	03/10/14	NA	**0.015**	NA	NA	NA	NA	0.00020 U	NA	0.0062	NA	NA	NA	NA	NA
	08/11/14	NA	**0.019**	NA	NA	NA	NA	0.00020 U	NA	0.0050	NA	NA	NA	NA	NA
MW-46S	02/25/10	0.000073 U	0.0085 U	0.69	0.0016	0.00074	0.0073	0.0013 U	0.000014 U	0.016	0.0022 U	0.000059 U	0.00053	0.00022 I	0.089
	08/26/10	0.00015 I	0.0085 U	0.057	0.00018 I	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0034 I	0.0022 U	0.000059 U	0.000083 I	0.0019	0.0046 I
	02/25/11	0.00024 I	0.0085 U	0.26	0.0012	0.00049 I	0.0030 I	0.0013 U	0.000028 I	0.0095	0.0022 U	0.000059 U	0.00025	0.00034 I	0.082
	08/31/11	NA	0.0013 U	0.430	0.0013	0.00036 J	0.0055	0.0044	NA	0.011	0.0038	NA	0.00050 U	0.0038 U	0.054
	03/16/12	NA	0.0013 U	NA	NA	0.00080	NA	0.0037	NA	0.011	NA	NA	NA	NA	0.080
	08/25/12	NA	0.0013 U	NA	NA	0.00048 J	NA	0.0047	NA	0.010	NA	NA	NA	NA	0.070
	03/20/13	NA	0.0014 J	NA	NA	0.00045 J	NA	0.0046	NA	0.013	NA	NA	NA	NA	0.066
	08/28/13	NA	0.0013 U	NA	NA	0.00025 J	NA	0.0043	NA	0.0053	NA	NA	NA	NA	0.035
	03/04/14	NA	0.0013 U	NA	NA	0.00031 J	NA	0.0031	NA	0.0080	NA	NA	NA	NA	0.052
	08/06/14	NA	0.0013 U	NA	NA	0.00029 J	NA	0.0062	NA	0.0086	NA	NA	NA	NA	0.049
MW-47S	03/01/10	0.00015 U	0.0085 U	0.045	0.00025 I	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0044 U	0.00012 U	0.00013 U	0.0011 I	0.015
	03/01/10	0.000073 U	0.0085 U	0.043	0.00016 I	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0014 I	0.0079 I
	02/24/11	0.000073 U	0.0085 U	0.040	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0012 I	0.0022 U	0.000059 U	0.000067 U	0.00029 I	0.016
	08/31/11	NA	0.0013 U	0.043	0.00066	0.000095 U	0.0011 U	0.00020 J	NA	0.0020 J	0.0020 J	NA	0.00050 U	0.0038 U	0.0083 U
	03/16/12	NA	0.0013 U	0.046	0.00034 J	0.000095 U	NA	0.00020 U	NA	0.002 U	NA	NA	0.00050 U	NA	0.0083 U
	08/25/12	NA	0.0013 U	0.044	0.00037 J	0.000095 U	NA	0.00020 U	NA	0.0020 U	NA	NA	0.00050 U	NA	0.0083 U
	03/19/13	NA	0.0013 U	0.047	0.00032 J	0.000095 U	NA	0.00021 J	NA	0.0020 U	NA	NA	0.00050 U	NA	0.0095 J
	08/22/13	NA	0.0013 U	0.053	0.00029 J	0.000095 U	NA	0.00020 U	NA	0.0020 U	NA	NA	0.00050 U	NA	0.0083 U
	03/04/14	NA	0.0013 U	0.052	0.00036 J	0.000095 U	NA	0.00020 U	NA	0.0020 U	NA	NA	0.00050 U	NA	0.0083 U
	08/07/14	NA	0.0013 U	0.049	0.00031 J	0.000095 U	NA	0.00025 J	NA	0.0020 U	NA	NA	0.00050 U	NA	0.0083 U

TABLE 3
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-48S	05/10/12	NA	0.0013 U	2	0.0036	0.00039 J	0.017	0.012	NA	0.013	0.001 U	NA	0.0005 U	0.0038 U	0.061
	08/21/12	NA	0.0013 U	**2.7**	**0.0055**	0.00049 J	0.014	**0.024**	NA	0.015	0.0019 J	NA	0.00053 J	NA	0.065
	03/15/13	NA	0.0021 J	**4.3**	**0.0086**	0.00065	0.022	**0.033**	NA	0.025	0.0010 U	NA	0.00063 J	NA	0.095
	08/29/13	NA	0.0015 J	**3.9**	**0.0082**	0.00065	0.018	**0.034**	NA	0.024	0.0029	NA	0.00076 J	NA	0.088
	03/12/14	NA	0.0014 J	**4.3**	**0.0079**	0.00065	0.023	**0.031**	NA	0.026	0.0010 U	NA	0.00067 J	NA	0.11
	08/13/14	NA	0.0013 U	2.0	0.0037	0.00030 J	0.012	**0.017**	NA	0.014	0.0010 U	NA	0.00050 U	NA	0.047
MW-49S	05/10/12	NA	0.0013 U	0.067	0.00027 J	0.000095 U	0.0035 J	0.003	NA	0.0023 J	0.001 U	NA	0.0005 U	0.0072 J	0.016 J
Dissolved	05/10/12	NA	0.0013 U	0.049	0.00025 U	0.000095 U	0.0016 J	0.0011 J	NA	0.002 U	0.001 U	NA	0.0005 U	0.0046 J	0.0097 J
	08/24/12	NA	0.0015 J	0.046	0.00036 J	0.000095 U	0.0050	0.0034	NA	0.0045 J	0.0010 U	NA	0.00050 U	NA	0.026
Dissolved	08/24/12	NA	0.0013 U	0.032	0.00025 U	0.000095 U	0.0022 J	0.0012 J	NA	0.0021 J	0.0010 U	NA	0.00050 U	NA	0.013 J
	03/20/13	NA	0.0020 J	0.061	0.00048 J	0.000095 U	0.0077	0.0057	NA	0.0071	0.0010 U	NA	0.00050 U	NA	0.038
Dissolved	03/20/13	NA	0.0013 U	0.024	0.00025 U	0.000095 U	0.0016 J	0.00073 J	NA	0.0020 U	0.0010 U	NA	0.00050 U	NA	0.0086 J
	08/21/13	NA	0.0013 U	0.035	0.00025 U	0.000095 U	0.0014 J	0.0020	NA	0.0020 J	0.0010 U	NA	0.00050 U	NA	0.021
Dissolved	08/21/13	NA	0.0013 U	0.031	0.00025 U	0.000095 U	0.0024 J	0.0021	NA	0.0023 J	0.0010 U	NA	0.00050 U	NA	0.022
	03/11/14	NA	0.0013 U	0.054	0.00030 J	0.000095 U	0.0051	0.0019	NA	0.0020 J	0.0010 U	NA	0.00050 U	NA	0.021
Dissolved	03/11/14	NA	0.0013 U	0.037	0.00025 U	0.000095 U	0.0035 J	0.0014 J	NA	0.0020 U	0.0010 U	NA	0.00050 U	NA	0.016 J
	08/06/14	NA	0.0048	0.082	0.00094	0.000095 U	0.013	0.010	NA	0.011	0.0010 U	NA	0.00050 U	NA	0.063
Dissolved	08/06/14	NA	0.0013 U	0.015	0.00025 U	0.000095 U	0.0025 J	0.00097 J	NA	0.0020 U	0.0010 U	NA	0.00050 U	NA	0.0084 J
FFFW-1	1/6-7/87	NA	<0.03	0.17	NA	<0.01	NA	**0.04**	<0.0002	NA	<0.005	<0.02	NA	NA	NA
	05/10/00	NA	<0.01	0.19	NA	<0.005	NA	**0.016**	NA	NA	NA	NA	NA	NA	NA
	11/14/01	NA	NA	NA	NA	NA	NA	<0.01	NA	NA	NA	NA	NA	NA	<0.10
	12/21/02	NA	NA	NA	NA	NA	NA	**5.2**	NA	NA	NA	NA	NA	NA	0.22
Dissolved	12/21/02	NA	NA	NA	NA	NA	NA	**0.053**	NA	NA	NA	NA	NA	NA	0.073
	06/20/03	NA	NA	NA	NA	NA	NA	**0.3**	NA	NA	NA	NA	NA	NA	NA
Dissolved	06/20/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/08/06	NA	<0.0038	0.14	NA	0.00018 I V	NA	0.011 V	0.000044 I	NA	<0.0043	0.0012 I V	NA	NA	NA
Dissolved	11/08/06	NA	<0.0038	0.12	NA	0.00017 I V	NA	<0.0019	<0.00002	NA	<0.0043	0.0014 I V	NA	NA	NA
	09/01/09	0.00022 I	0.0085 U	0.20	0.00019 I	0.00032 U	0.0025 U	0.013	0.000037 I	0.0023 I	0.0022 U	0.000059 U	0.000078 I	0.0032	0.02
FFFW-1-R	08/30/11	NA	0.0025	0.140	0.00025 U	0.00015 J	0.0034 J	0.00054 J	NA	0.0024 J	0.0010 U	NA	0.00050 U	0.0038 U	0.025
	03/19/12	NA	0.0014 J	NA	NA	NA	NA	0.00024 J	NA	0.002 U	NA	NA	NA	NA	NA
	08/24/12	NA	0.0016 J	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	03/19/13	NA	0.0028	NA	NA	NA	NA	0.00025 J	NA	0.0020 U	NA	NA	NA	NA	NA
	08/29/13	NA	0.0019 J	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	03/07/14	NA	0.0023 J	NA	NA	NA	NA	0.0011 J	NA	0.0020 U	NA	NA	NA	NA	NA
	08/12/14	NA	0.0025	NA	NA	NA	NA	0.00050 J	NA	0.0029 J	NA	NA	NA	NA	NA

TABLE 3
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
FFFW-2	1/6-7/87	NA	<0.05	**62**	NA	**0.055**	NA	**1.82**	0.0011	NA	<0.025	<0.05	NA	NA	NA
	05/10/00	NA	NA	0.52	NA	**0.0096**	NA	**2.3**	0.00027	NA	NA	NA	NA	NA	NA
	11/14/01	NA	NA	NA	NA	0.0045	NA	**1.3**	NA	NA	NA	NA	NA	NA	NA
	12/22/02	<0.40*	<0.20*	**34**	**0.47**	<0.10*	<0.40*	**4.2**	0.0013	**0.68**	<0.20*	<0.20*	<0.20*	**0.22**	1.4
Dissolved	12/22/02	<0.020	<0.0050	**3.1**	**0.083**	<0.0050	0.03	**0.71**	0.0101**	0.1	<0.010	<0.010	<0.010	<0.010	0.16
	06/20/03	NA	NA	NA	NA	NA	NA	**2.7**	NA	NA	NA	NA	NA	NA	NA
Dissolved	06/20/03	NA	NA	NA	NA	NA	NA	**2.2**	NA	NA	NA	NA	NA	NA	NA
	10/26/06	0.0059 I	**0.16**	**9.5**	**0.38**	**0.019 V**	0.19	**2.8**	0.00059	**0.47**	<0.0086	<0.0012	**0.0077**	0.0041 I V	1.1 V
Dissolved	10/26/06	NA	**0.037 I V**	**12.0**	**0.47**	**0.022**	0.23 V	**3.6**	<0.00002	**0.55**	NA	NA	**0.0086 J4**	NA	NA
FFFW-2-R	11/07/06	<0.0026	<0.0038	**3.9**	**0.048**	0.0035 V	0.059 V	**0.33 V**	0.00091	0.084	<0.0043	<0.0006	0.0018 I	0.0013 I	0.22 V
	09/01/09	0.000073 U	0.0085 U	**3.4**	**0.039**	0.0026	0.045	**0.22**	0.0015	0.072	0.0068 U	0.00044 U	0.0014	0.0013 I	0.19
Dissolved	09/01/09	NA	NA	**3.3**	**0.039**	NA	NA	**0.24**	NA	NA	NA	NA	NA	NA	NA
	03/01/10	0.00029 I	**0.012**	**4.1**	**0.076**	0.0038	0.075	**0.47**	0.00035	**0.11**	0.022	0.00068	**0.0024**	0.00025 I	0.28
	08/27/10	0.00014 I	**0.05**	**3.5**	**0.048**	0.0032	0.056	**0.33**	0.00022	0.090	0.0026 I	0.00038	0.0019	0.0018	0.24
	02/28/11	0.00012 I	**0.057**	**3.1**	**0.052**	0.0028	0.054	**0.36**	0.00120	0.088	0.0022 U	0.00042	0.0020	0.00038 I	0.21
	08/31/11	NA	0.0048	2.0	**0.025**	0.0015	0.021	**0.130**	NA	0.048	0.0084	NA	0.00092 J	0.0038 U	0.095
	03/19/12	NA	**0.0420**	**3.9**	**0.062**	0.0041	NA	**0.380**	NA	**0.110**	NA	NA	0.00160	NA	0.260
	08/26/12	NA	**0.018**	**4.3**	**0.056**	0.0043	NA	**0.420**	NA	**0.120**	NA	NA	0.0016	NA	0.260
	03/19/13	NA	**0.037**	**4.4**	**0.060**	0.0043	NA	**0.450**	NA	**0.130**	NA	NA	0.0017	NA	0.280
	08/23/13	NA	**0.033**	**4.6**	**0.068**	0.0055	NA	**0.550**	NA	**0.160**	NA	NA	0.0023	NA	0.320
	03/10/14	NA	**0.022**	**4.1**	**0.074**	0.0042	NA	**0.39**	NA	**0.12**	NA	NA	0.0015	NA	0.26
	08/12/14	NA	**0.014**	**3.5**	**0.037**	0.0036	NA	**0.22**	NA	0.10	NA	NA	0.0013	NA	0.21
FFFW-2I	03/01/10	0.00054 I	0.0085 U	0.46	0.00072	0.00032 U	0.0047	0.0013 U	0.000014 U	0.0034 I	0.0044 U	0.00012 U	0.00013 U	0.0096	0.023
	08/27/10	0.00015 I	0.0085 U	0.31	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0033	0.0069 I
	02/28/11	0.00015 I	0.0085 U	0.32	0.00035	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0018 I	0.0022 U	0.000059 U	0.00013 I	0.0020	0.020
	08/31/11	NA	0.0013 U	0.230	0.00064	0.00036 J	0.0011 U	0.00020 U	NA	0.0054	0.0016 J, B	NA	0.00050 U	0.0038 U	0.0083 U
	03/19/12	NA	0.0013 U	NA	NA	NA	NA	0.00021 J	NA	0.0059	NA	NA	NA	NA	NA
	08/26/12	NA	0.0013 U	NA	NA	NA	NA	0.00024 J	NA	0.0062	NA	NA	NA	NA	NA
	03/19/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0061	NA	NA	NA	NA	NA
	08/23/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0057	NA	NA	NA	NA	NA
	03/10/14	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0060	NA	NA	NA	NA	NA
	08/12/14	NA	0.0013 U	NA	NA	NA	NA	0.00026 J	NA	0.0063	NA	NA	NA	NA	NA

TABLE 3
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
FFFW-3	1/6-7/87	NA	**0.075**	<0.02	NA	<0.01	NA	<0.03	<0.0002	NA	<0.025	<0.02	NA	NA	NA
	05/10/00	NA	**0.025**	NA	NA	**0.0064**	NA	**0.11**	NA	NA	NA	NA	NA	NA	NA
	11/14/01	NA	NA	NA	NA	**0.017**	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/22/02	NA	NA	NA	NA	**0.0074**	NA	**0.067**	NA	NA	NA	NA	NA	NA	NA
Dissolved	12/22/02	NA	NA	NA	NA	**0.016**	NA	0.0058	NA	NA	NA	NA	NA	NA	NA
	06/19/03	NA	NA	NA	NA	NA	NA	0.012	NA	NA	NA	NA	NA	NA	NA
Dissolved	09/19/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/07/06	NA	**0.28**	0.02	NA	**0.011 V**	NA	0.0033 I V	0.000027 I	NA	<0.0043	0.0007 I V	NA	NA	NA
Dissolved	11/07/06	NA	**0.012 I**	0.0033	NA	**0.011 V**	NA	<0.0019	<0.00002	NA	<0.0043	0.0018 I V	NA	NA	NA
	08/31/09	0.00064	0.0085 U	0.0061	0.00017 I	0.0044	0.06	0.0013 U	0.000014 U	0.037	0.0022 U	0.000087 I	0.00014 I	0.0094	1.6
FFFW-3-R	08/29/11	NA	**0.026**	0.0026 J	0.00025 U	0.00066	0.0031 J	0.00045 J	NA	0.035	0.0017 J	NA	0.00050 U	0.0062 J	0.050
Dissolved	08/29/11	NA	**0.033**	0.0027 J	0.00025 U	0.00066	0.0038 J	0.00020 U	NA	0.039 B	0.0011 J	NA	0.00050 U	0.0081 J	0.060
	03/15/12	NA	**0.021**	NA	NA	NA	NA	0.00070 J	NA	0.044	NA	NA	NA	NA	NA
Dissolved	03/15/12	NA	**0.022**	NA	NA	NA	NA	0.00020 U	NA	0.041	NA	NA	NA	NA	NA
	08/24/12	NA	**0.020**	NA	NA	NA	NA	0.00020 U	NA	0.056	NA	NA	NA	NA	NA
	03/14/13	NA	**0.014**	NA	NA	NA	NA	0.00020 U	NA	0.074	NA	NA	NA	NA	NA
	08/22/13	NA	**0.016**	NA	NA	NA	NA	0.00020 U	NA	0.058	NA	NA	NA	NA	NA
	03/07/14	NA	**0.012**	NA	NA	NA	NA	0.00020 U	NA	0.057	NA	NA	NA	NA	NA
	08/08/14	NA	**0.019**	NA	NA	NA	NA	0.00020 U	NA	0.086	NA	NA	NA	NA	NA
FFFW-4	1/6-7/87	NA	<0.03	1.61	NA	<0.01	NA	**1.43**	0.0004	NA	<0.025	<0.03	NA	NA	NA
	05/10/00	NA	NA	0.096	NA	<0.005	NA	**0.13**	<0.0002	NA	NA	NA	NA	NA	NA
	11/14/01	NA	NA	NA	NA	NA	NA	**0.11**	NA	NA	NA	NA	NA	NA	NA
	12/23/02	NA	NA	NA	NA	NA	NA	**0.2**	NA	NA	NA	NA	NA	NA	NA
Dissolved	12/23/02	NA	NA	NA	NA	NA	NA	<0.0050	NA	NA	NA	NA	NA	NA	NA
	06/20/03	NA	NA	NA	NA	NA	NA	**0.15**	NA	NA	NA	NA	NA	NA	NA
Dissolved	06/20/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/26/06	NA	<0.0038	0.35	NA	0.000061 I V	NA	**0.038**	0.00008 I	NA	<0.0043	<0.0006	NA	NA	NA
Dissolved	10/26/06	NA	NA	NA	NA	NA	NA	<0.0019	NA	NA	NA	NA	NA	NA	NA
	09/01/09	0.00016 I	0.0085 U	0.25	**0.012**	0.00032 U	0.021	**0.032**	0.000024 I	0.025	0.0022 U	0.000059 U	0.00049	**0.063**	0.071
FFFW-4-R	08/30/11	NA	**0.016**	0.830	**0.039**	0.0027	0.022	**0.066**	NA	**0.110**	0.033 B	NA	0.0020	0.0076 U	0.350
Dissolved	08/30/11	NA	0.0092	0.420	**0.025**	0.0035	0.022	**0.032**	NA	**0.130 B**	0.0040	NA	**0.0021**	0.0038 U	0.440
	03/19/12	NA	0.0039	NA	0.0021	NA	NA	0.0087	NA	0.014	NA	NA	NA	NA	NA
Dissolved	03/19/12	NA	0.0034	NA	0.0021	NA	NA	0.0048	NA	0.014	NA	NA	NA	NA	NA
	08/25/12	NA	0.0053	NA	0.0014	NA	NA	**0.016**	NA	0.021	NA	NA	NA	NA	NA
Dissolved	08/25/12	NA	0.0063	NA	0.0021	NA	NA	**0.019**	NA	0.025	NA	NA	NA	NA	NA
	03/20/13	NA	0.0030	NA	0.0015	NA	NA	0.0069	NA	0.013	NA	NA	NA	NA	NA
Dissolved	03/20/13	NA	0.0025	NA	0.0013	NA	NA	0.0054	NA	0.011	NA	NA	NA	NA	NA
	08/22/13	NA	0.0069	NA	0.00042 J	NA	NA	0.013	NA	0.015	NA	NA	NA	NA	NA
Dissolved	08/22/13	NA	0.0072	NA	0.00041 J	NA	NA	0.013	NA	0.016	NA	NA	NA	NA	NA
	03/10/14	NA	0.0042	NA	0.00040 J	NA	NA	0.011	NA	0.011	NA	NA	NA	NA	NA
Dissolved	03/10/14	NA	0.0045	NA	0.00036 J	NA	NA	0.010	NA	0.011	NA	NA	NA	NA	NA
	08/11/14	NA	0.0026	NA	0.0030	NA	NA	0.0039	NA	0.023	NA	NA	NA	NA	NA
Dissolved	08/11/14	NA	0.0023 J	NA	0.0036	NA	NA	0.0015	NA	0.023	NA	NA	NA	NA	NA

TABLE 3
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-TP1S	08/07/00	NA	**0.013**	0.31	NA	<0.005	NA	0.0068	NA	NA	NA	NA	NA	NA	NA
	11/14/01	NA	NA	NA	NA	NA	NA	0.011	NA	NA	NA	NA	NA	NA	NA
	12/20/02	NA	NA	NA	NA	NA	NA	**0.022**	NA	NA	NA	NA	NA	NA	NA
	06/19/03	NA	NA	NA	NA	NA	NA	**0.023**	NA	NA	NA	NA	NA	NA	NA
	10/26/06	NA	<0.0038	0.21	NA	0.00035 V	NA	0.0096	<0.00002	NA	<0.0043	<0.0006	NA	NA	NA
	09/01/09	0.000073 U	0.0085 U	0.28	0.0024	0.00032 U	0.0011	0.0061 I	0.000014 U	0.0095	0.0022 U	0.000059 U	0.00013 I	0.00027 I	0.055
	02/26/10	0.00012 I	0.0085 U	0.32	0.0023	0.00032 U	0.0091	0.0076	0.000014 U	0.011	0.0022 U	0.000059 U	0.00015 I	0.00026 I	0.051
	08/30/10	0.000073 U	0.0085 U	0.27	0.0020	0.00032 U	0.0098	0.0068 I	0.000014 U	0.0062 I	0.0022 U	0.000059 U	0.00033	0.00026 I	0.046
	02/28/11	0.000073 U	0.0085 U	0.26	0.0017	0.00032 U	0.0062	0.0066 I	0.000014 U	0.0057 I	0.0022 U	0.000059 U	0.00015 I	0.00026 I	0.048
	08/26/11	NA	0.0013 U	0.280	0.0017	0.00013 J	0.0073	0.0084	NA	0.0010	0.0021 J	NA	0.00050 U	0.0038 U	0.035
	03/19/12	NA	0.0013 U	NA	NA	NA	NA	0.0074	NA	0.0085	NA	NA	NA	NA	NA
	08/25/12	NA	0.0013 U	NA	NA	NA	NA	0.0074	NA	0.0073	NA	NA	NA	NA	NA
	03/19/13	NA	0.0013 U	NA	NA	NA	NA	0.0061	NA	0.014	NA	NA	NA	NA	NA
	08/21/13	NA	0.0013 U	NA	NA	NA	NA	0.00071 J	NA	0.0079	NA	NA	NA	NA	NA
	03/11/14	NA	0.0013 U	NA	NA	NA	NA	0.0096	NA	0.013	NA	NA	NA	NA	NA
	08/13/14	NA	0.0013 U	NA	NA	NA	NA	0.010	NA	0.013	NA	NA	NA	NA	NA
MW-TP1I	08/08/00	NA	<0.01	0.13	NA	<0.005	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/14/01	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/20/02	<0.006	<0.010	0.052	<0.004	<0.005	<0.02	<0.005	NA	<0.04	<0.01	NA	<0.002	<0.01	<0.02
	06/19/03	NA	NA	NA	NA	NA	NA	**0.024**	NA	NA	NA	NA	NA	NA	NA
Dissolved	06/19/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/26/06	NA	<0.0038	0.046	NA	<0.000051	NA	<0.0019	<0.00002	NA	<0.0043	<0.0006	NA	NA	NA
	09/01/09	0.000073 U	0.0085 U	0.052	0.00029 I	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0012 I	0.0022 U	0.000059 U	0.000067 U	0.0066	0.0088 I
	02/26/10	0.00016 I	0.0085 U	0.043	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0056	0.0068 I
	08/30/10	0.000073 U	0.0085 U	0.042	0.00017 I	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0052	0.0057 I
	02/28/11	0.000073 U	0.0085 U	0.046	0.00013 U	0.00032 U	0.0025 U	0.0013 U	0.000014 U	0.0011 U	0.0022 U	0.000059 U	0.000067 U	0.0064	0.017
	08/26/11	NA	0.0013 U	0.040	0.00025 U	0.000095 U	0.0011 U	0.00020 U	NA	0.0022 J	0.0010 U	NA	0.00050 U	0.0051 J	0.0083 U
	03/19/12	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.002 U	NA	NA	NA	NA	NA
	08/25/12	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	03/19/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	08/21/13	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	03/11/14	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA
	08/13/14	NA	0.0013 U	NA	NA	NA	NA	0.00020 U	NA	0.0020 U	NA	NA	NA	NA	NA

TABLE 3
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-TP2S	08/07/00	NA	<0.01	0.62	NA	<0.005	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/14/01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/21/02	<0.006	<0.01	0.36	**0.0086**	<0.005	<0.02	0.0064	NA	<0.04	<0.01	NA	<0.002	<0.01	0.064
	06/19/03	NA	NA	NA	NA	NA	NA	0.0078	NA	NA	NA	NA	NA	NA	NA
	10/26/06	<0.0026	<0.0038	0.33	**0.0072**	0.0004 V	0.0055	0.0074 I	<0.00002	0.0074	<0.0043	<0.0006	<0.0010	0.0024	0.035 V
Dissolved	NA	NA	NA	NA	NA	**0.0075**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/01/09	0.00032 I	0.0085 U	0.14	**0.0054**	0.00032 U	0.0050	0.0013 U	0.000014 U	0.0066	0.0022 U	0.000059 U	0.0001 I	0.0032	0.051
Dissolved	NA	NA	NA	NA	**0.0054**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/26/10	0.0015	0.0085 U	0.033	0.0012	0.00032 U	0.0065	0.0013 U	0.000014 U	0.0049 I	0.0022 U	0.000059 U	0.000071 I	0.0095	0.067
	08/26/10	0.00040 I	0.0085 U	0.160	**0.0066**	0.00032 U	0.0065	0.0036 I	0.000014 U	0.0070	0.0022 U	0.000059 U	0.00014 I	0.0049	0.050
	02/28/11	0.0010	0.0085 U	0.052	0.0013	0.00032 U	0.0032 I	0.0013 U	0.000019 I	0.0012 I	0.0022 U	0.000059 U	0.00013 I	0.0065	0.11
	08/31/11	NA	0.0013 U	0.110	**0.0068**	0.00035 J	0.005	0.002	NA	0.010	0.0031	NA	0.00050 U	0.0038 U	0.051
	03/16/12	NA	0.0031	NA	NA	NA	NA	0.0023	NA	0.0073	NA	NA	NA	NA	NA
	08/24/12	NA	0.0035	NA	NA	NA	NA	0.0026	NA	0.0078	NA	NA	NA	NA	NA
	03/20/13	NA	0.0023 J	NA	NA	NA	NA	0.0029	NA	0.0058	NA	NA	NA	NA	NA
Dissolved	03/20/13	NA	0.0026	NA	NA	NA	NA	0.0024	NA	0.0048 J	NA	NA	NA	NA	NA
	08/27/13	NA	0.0043	NA	NA	NA	NA	0.0034	NA	0.0056	NA	NA	NA	NA	NA
Dissolved	08/27/13	NA	0.0043	NA	NA	NA	NA	0.0030	NA	0.0053	NA	NA	NA	NA	NA
	03/05/14	NA	0.0015 J	NA	NA	NA	NA	0.0023	NA	0.0033 J	NA	NA	NA	NA	NA
	08/07/14	NA	0.0017 J	NA	NA	NA	NA	0.0019	NA	0.0055	NA	NA	NA	NA	NA
MW-TP3S	08/07/00	NA	<0.01	0.37	NA	<0.005	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/14/01	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/20/02	<0.006	<0.01	0.36	<0.004	<0.005	<0.02	<0.005	NA	<0.04	<0.01	NA	<0.002	<0.01	<0.02
	06/19/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/26/06	NA	<0.0038	0.29	NA	0.00017 I V	NA	<0.0019	<0.00002	NA	<0.0043	<0.0006	NA	NA	NA
	09/01/09	0.000073 U	0.0085 U	0.24	0.0015	0.00032 U	0.0025 U	0.0013 U	0.000018 I	0.0023 I	0.0022 U	0.000059 U	0.000067 U	0.0011 I	0.016
	02/25/10	0.000073 U	0.0085 U	0.24	0.0013	0.00032 U	0.0025 U	0.0013 U	0.000068 I	0.0035 I	0.0022 U	0.000059 U	0.000078 I	0.00018 U	0.016
	08/26/10	0.00034 I	0.0085 U	0.21	0.0013	0.00032 U	0.0025 U	0.0014 I	0.000046 I	0.0016 I	0.0022 U	0.000059 U	0.000071 I	0.0015	0.0042 I
	02/28/11	0.000087 I	0.0085 U	0.21	0.0018	0.00032 U	0.0025 U	0.0013 U	0.000022 I	0.0017 I	0.0022 U	0.000059 U	0.0003	0.00072 I	0.027
	08/31/11	NA	0.0013 U	0.180	0.0015	0.00011 J	0.0011 U	0.00078 J	NA	0.0041 J	0.0019 J	NA	0.00050 U	0.0038 U	0.0087 J
	03/16/12	NA	0.0013 U	NA	NA	NA	NA	0.0014 J	NA	0.0055	NA	NA	NA	NA	NA
	08/25/12	NA	0.0013 U	NA	NA	NA	NA	0.0011 J	NA	0.0028 J	NA	NA	NA	NA	NA
	03/20/13	NA	0.0013 U	NA	NA	NA	NA	0.0012 J	NA	0.0041 J	NA	NA	NA	NA	NA
	08/27/13	NA	0.0013 U	NA	NA	NA	NA	0.0013 J	NA	0.0041 J	NA	NA	NA	NA	NA
	03/04/14	NA	0.0013 U	NA	NA	NA	NA	0.0015	NA	0.0044 J	NA	NA	NA	NA	NA
	08/06/14	NA	0.0013 U	NA	NA	NA	NA	0.0012 J	NA	0.0029 J	NA	NA	NA	NA	NA

TABLE 3
SUMMARY OF SITE GROUNDWATER ANALYTICAL DATA
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Well ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Statistical Background		**0.006**	**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.01**	**0.002**	**0.018**	**1.36**
Type 1 Risk Reduction Standard		**0.006**	**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.1**	**0.002**	**0.2**	**2**
MW-TP4S	08/07/00	NA	<0.01	0.18	NA	<0.005	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	11/14/01	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
	12/20/02	<0.006	<0.01	0.18	<0.004	<0.005	<0.02	<0.005	NA	<0.04	<0.01	NA	<0.002	<0.01	<0.02
	06/20/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/26/06	NA	<0.0038	0.19	NA	0.00022 V	NA	0.005 I	<0.00002	NA	<0.0043	<0.0006	NA	NA	NA
	09/01/09	0.00038 I	0.0085 U	0.20	0.00066	0.00032 U	0.0033 I	0.0039 I	0.000014 U	0.0023 I	0.0022 U	0.000059 U	0.000072 I	0.00048 I	0.024
	02/26/10	0.000075 I	0.0085 U	0.19	0.00055	0.00032 U	0.0030 I	0.0038 I	0.000017 I	0.0023 I	0.0022 U	0.000059 U	0.000089 I	0.00018 U	0.019
	08/27/10	0.000073 U	0.0085 U	0.19	0.00051	0.00032 U	0.0060	0.0045 I	0.000014 U	0.0011 I	0.0022 U	0.000059 U	0.000067 U	0.0014 I	0.02
	02/28/11	0.000092 I	0.0085 U	0.18	0.00058	0.00032 U	0.0025 U	0.0033 I	0.000014 U	0.0014 I	0.0022 U	0.000059 U	0.000098 I	0.00028 I	0.027
	08/26/11	NA	0.0013 U	0.190	0.00062	0.000095 U	0.0037 J	0.0042	NA	0.0049 J	0.0016 J	NA	0.00050 U	0.0038 U	0.017 J
	03/19/12	NA	0.0013 U	0.190	0.00083	NA	NA	0.0038	NA	0.0039 J	NA	NA	NA	NA	NA
	08/25/12	NA	0.0013 U	0.170	0.00063	NA	NA	0.0038	NA	0.0040 J	NA	NA	NA	NA	NA
	03/19/13	NA	0.0013 U	0.190	0.00070	NA	NA	0.0037	NA	0.0040 J	NA	NA	NA	NA	NA
	08/21/13	NA	0.0013 U	0.210	0.00048 J	NA	NA	0.0040	NA	0.0047 J	NA	NA	NA	NA	NA
	03/05/14	NA	0.0013 U	0.19	0.00065	NA	NA	0.0042	NA	0.0041 J	NA	NA	NA	NA	NA
	08/08/14	NA	0.0013 U	0.21	0.00075	NA	NA	0.0040	NA	0.0038 J	NA	NA	NA	NA	NA
MW-TP5S	08/07/00	NA	**0.024**	**3.7**	**0.062**	NA	0.046	**0.22**	NA	**0.17**	NA	NA	NA	NA	0.41
	11/14/01	NA	**0.22**	**11**	**0.23**	NA	NA	**3.3**	NA	**0.63**	NA	NA	NA	NA	NA
	12/20/02	<0.20*	<0.10*	**15**	**0.16**	<0.050*	0.17	**1.4**	<0.0002	**0.41**	<0.10*	<0.10*	<0.10*	<0.10*	1
	06/20/03	NA	NA	NA	NA	NA	NA	0.0095	NA	NA	NA	NA	NA	NA	NA
	10/26/06	**0.0095 I**	**0.064**	**2.8**	**0.14**	**0.0083 V**	0.032	**0.72**	<0.00002	**0.33**	<0.0043	<0.0006	**0.0035 I**	0.032	0.98 V
	08/31/09	0.00026 I	**0.034**	**9.1**	**0.16**	**0.0073**	0.13	**0.90**	0.000022 I	**0.40**	0.0068 U	0.00044 U	**0.0045**	0.014	1.0
	03/01/10	0.00053 I	**0.11**	**19**	**0.25**	**0.016**	0.19	**1.7**	0.000014 U	**0.64**	**0.066**	0.00030 I	**0.0052**	0.015	1.6
	08/30/10	0.0015 U	**0.18**	**16**	**0.19**	**0.013**	0.19	**1.5**	0.000014 U	**0.41**	0.044 U	0.0012 U	**0.0058**	0.012	1.2
	02/24/11	0.00045 I,J4	**0.34**	**25 J4**	**0.36**	**0.020**	0.40	**2.6**	0.000014 U	**0.89**	0.0022 U,J4	0.00022 I,J4	**0.0052 J4**	0.015	1.9
	08/31/11	NA	**0.082**	**29**	**0.300**	**0.016**	0.310	**2.2**	NA	**0.590**	**0.130**	NA	**0.0050**	0.038 U	**2.8**
	03/20/12	NA	**0.160**	**39**	**0.320**	**0.020**	NA	**1.5**	NA	**0.590**	0.045	NA	**0.0034**	NA	1.7
	08/26/12	NA	**0.090**	**47**	**0.330**	**0.018**	NA	**2.1**	NA	**0.800**	0.012	NA	**0.0047**	NA	1.9
	03/19/13	NA	**0.140**	**47**	**0.340**	**0.017**	NA	**1.6**	NA	**0.700**	0.0081	NA	**0.0039**	NA	1.8
	08/22/13	NA	**0.160**	**43**	**0.330**	**0.015**	NA	**2.7**	NA	**0.900**	**0.360**	NA	**0.0068**	NA	1.9
	03/07/14	NA	**0.14**	**51**	**0.32**	**0.016**	NA	**1.7**	NA	**0.63**	**0.062**	NA	**0.0039**	NA	1.9
	08/11/14	NA	**0.14**	**46**	**0.32**	**0.015**	NA	**3.3**	NA	**0.75**	**0.070**	NA	0.020 U	NA	1.7
MW-TP5I	03/01/10	0.00033 I	0.0099 I	0.36	**0.0063**	0.00032 U	0.024	0.011	0.000014 U	0.036	0.0044 U	0.00012 U	0.00054	**0.066**	0.090
Dissolved	03/01/12	NA	NA	NA	**0.0041**	NA	NA	NA	NA	NA	NA	NA	NA	**0.048**	NA
	08/30/10	0.00045 I	0.0085 U	0.15	0.0014	0.00032 U	0.0056	0.0013 U	0.000014 U	0.0066	0.0022 U	0.000059 U	0.00015 I	0.014	0.025
	02/24/11	0.000093 I	0.0085 U	0.096	0.00067	0.00032 U	0.0025 U	0.0014 I	0.000014 U	0.0057 I	0.0022 U	0.000059 U	0.000067 U	0.010	0.027
	08/31/11	NA	0.0021 J	0.085	0.00065	0.000095 U	0.0011 J	0.00085 J	NA	0.0040 J	0.0032	NA	0.00050 U	0.0041 J	0.0083 U
	03/20/12	NA	0.0013 J	NA	NA	NA	NA	0.0018 J	NA	0.0043 J	NA	NA	NA	NA	0.013 J
Dissolved	03/20/12	NA	0.0027	NA	NA	NA	NA	0.0038	NA	0.0090	NA	NA	NA	NA	0.027
	08/26/12	NA	0.0023 J	NA	NA	NA	NA	0.0049	NA	0.010	NA	NA	NA	NA	0.033
Dissolved	08/26/12	NA	0.0014 J	NA	NA	NA	NA	0.0013 J	NA	0.0036 J	NA	NA	NA	NA	0.011 J
	03/19/13	NA	0.0013 U	NA	NA	NA	NA	0.0022	NA	0.0035 J	NA	NA	NA	NA	0.0083 U
Dissolved	03/19/13	NA	0.0013 U	NA	NA	NA	NA	0.0013 J	NA	0.0032 J	NA	NA	NA	NA	0.0083 U
	08/22/13	NA	0.0013 U	NA	NA	NA	NA	0.0019	NA	0.0020 J	NA	NA	NA	NA	0.0083 U
Dissolved	08/22/13	NA	0.0013 U	NA	NA	NA	NA	0.00066 J	NA	0.0020 U	NA	NA	NA	NA	0.0083 U
	03/07/14	NA	0.0017 J	NA	NA	NA	NA	0.0025	NA	0.0034 J	NA	NA	NA	NA	0.011 J
Dissolved	03/07/14	NA	0.0013 J	NA	NA	NA	NA	0.0011 J	NA	0.0020 U	NA	NA	NA	NA	0.0083 U
	08/11/14	NA	0.0013 U	NA	NA	NA	NA	0.0010 J	NA	0.0036 J	NA	NA	NA	NA	0.019 J
Dissolved	08/11/14	NA	0.0013 U	NA	NA	NA	NA	0.00078 J	NA	0.0039 J	NA	NA	NA	NA	0.014 J
MW-TP6S	08/07/00	NA	<0.01	1.3	NA	<0.0050	NA	0.015	NA	NA	NA	NA	NA	NA	NA

Notes:

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

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

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

U - Analyte not detected.

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

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

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

NA - Not analyzed.

Bold - Concentration exceeds theType 1 RRS.

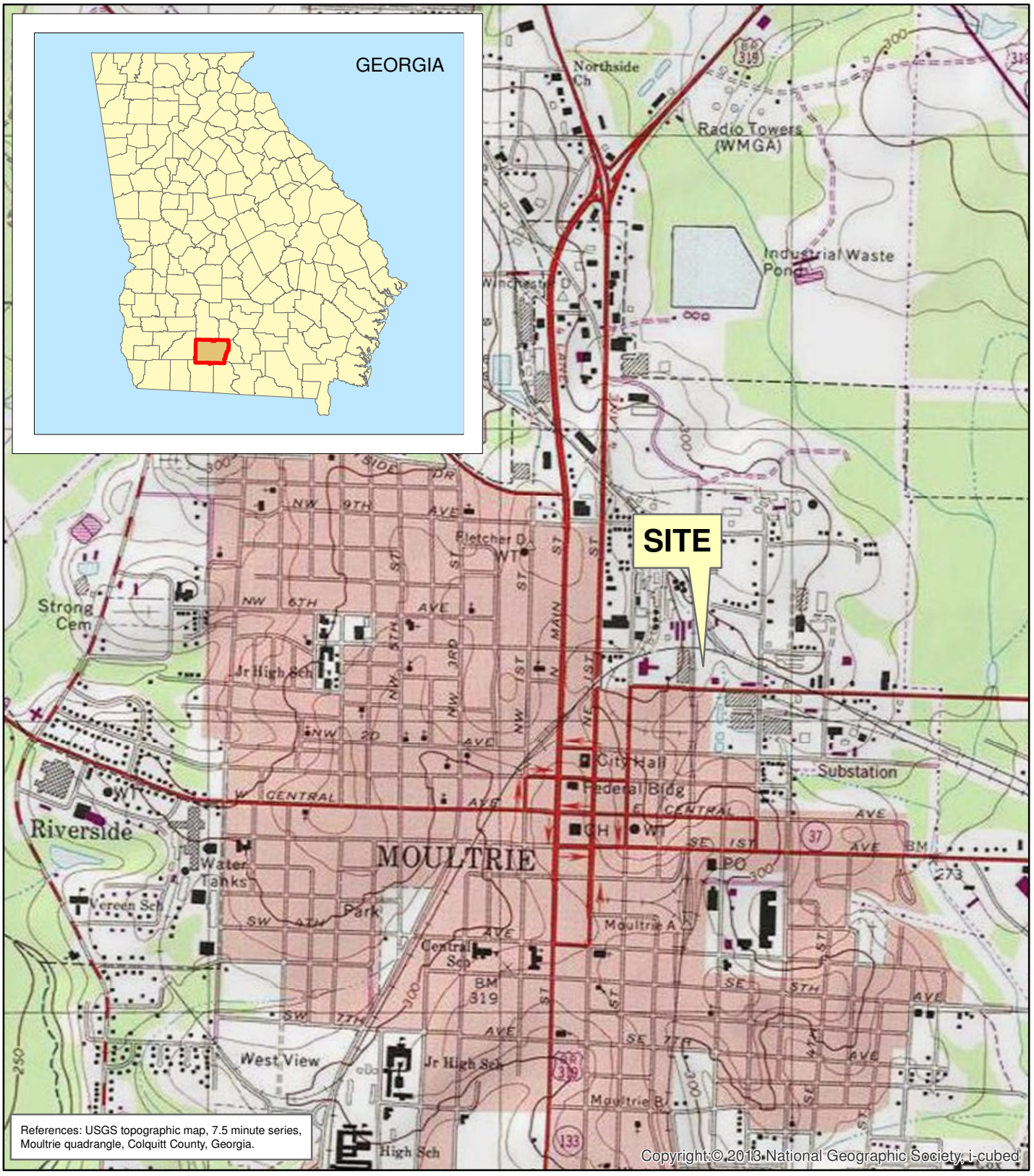
* - Elevated detection limits were reported due to sample matrix interference which required sample or extract dilution.

TABLE 4
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
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	20 - 30	282.44 - 272.44	Shallow
MW-49S	3/23/2012	NA	2-INCH	293.19	293.19	NA	34	24 - 34	269.19 - 259.19	Shallow
FFFW-1-R	8/23/2011	NA	2-INCH	283.50	286.36	2.86	12	2 - 12	281.50 - 271.50	Shallow
FFFW-2-R	10/24/2006	NA	2-INCH	289.50	292.05	2.38	27	17 - 27	272.50 - 262.50	Shallow
FFFW-2I	2/3/2010	6-INCH to 36 ft	2-INCH	289.72	292.97	3.25	50	45 - 50	244.72 - 239.72	Intermediate
FFFW-3-R	8/23/2011	NA	2-INCH	285.06	288.06	3.00	14	4 - 14	281.06 - 271.06	Shallow
FFFW-4-R	8/22/2011	NA	2-INCH	283.58	286.39	2.81	14	4 - 14	279.58 - 269.58	Shallow
MW-TP1S	8/1/2000	NA	2-INCH	284.53	284.24	NA	20	10 - 20	274.53 - 264.53	Shallow
MW-TP1I	8/2/2000	6-INCH	2-INCH	284.57	284.49	NA	48	43 - 48	241.57 - 236.57	Intermediate
MW-TP2S	7/31/2000	NA	2-INCH	278.31	278.29	NA	20	10 - 20	268.31 - 258.31	Shallow
MW-TP3S	7/31/2000	NA	2-INCH	278.79	278.71	NA	20	10 - 20	268.79 - 258.79	Shallow
MW-TP4S	7/31/2000	NA	2-INCH	287.67	287.38	NA	25	15 - 25	272.67 - 262.67	Shallow
MW-TP5S	8/2/2000	NA	2-INCH	288.64	288.33	NA	25	15 - 25	273.64 - 263.64	Shallow
MW-TP5I	2/3/2010	6-INCH to 35 ft	2-INCH	288.46	291.52	3.06	50	45 - 50	243.46 - 238.46	Intermediate

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

FIGURES



N

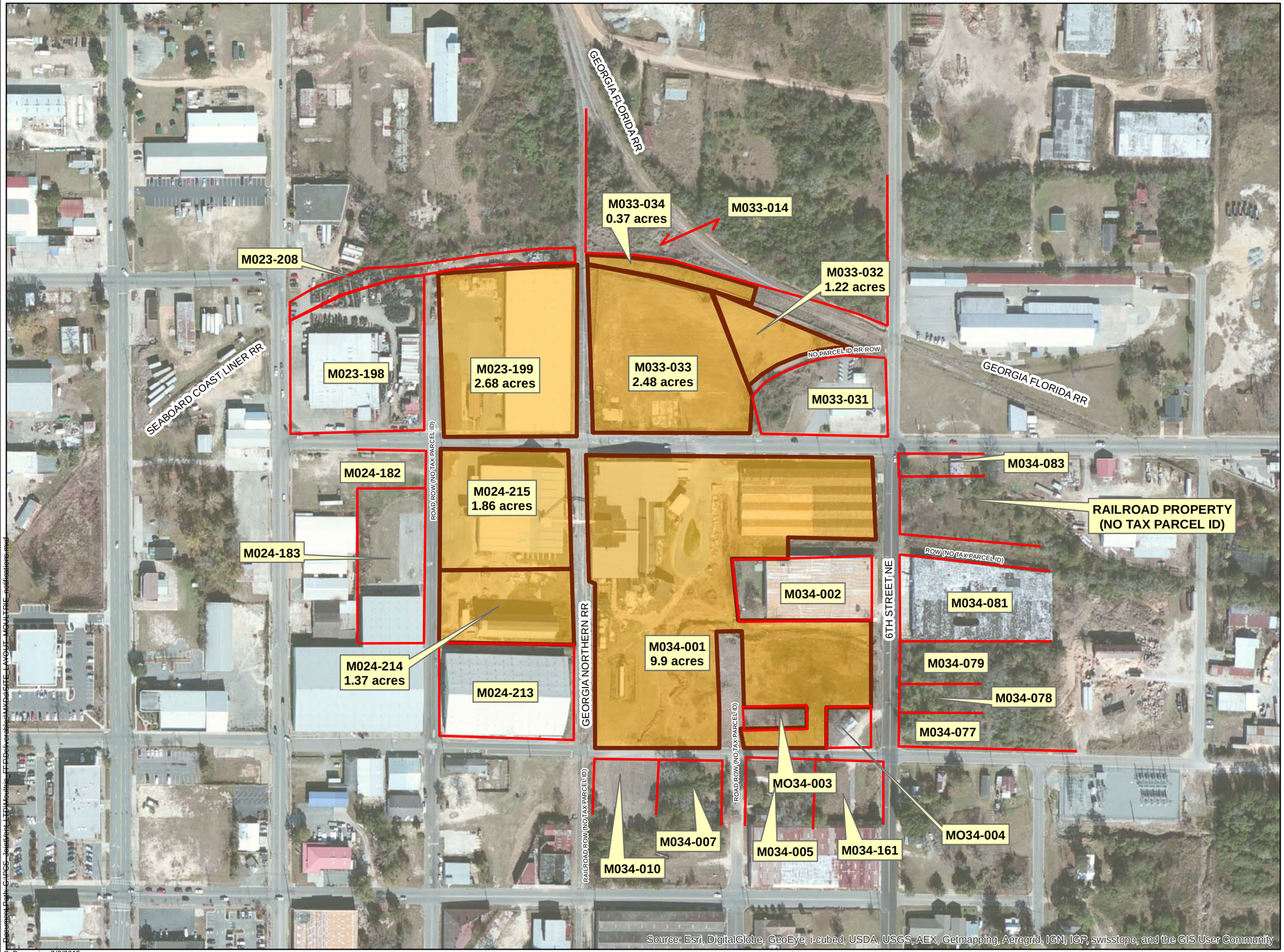
1,000 500 0 1,000 Feet

Coordinate System: Georgia Albers, HPGN, Meters

FORMER FARMERS FAVORITE FERTILIZER 315 4TH AVENUE NE MOULTRIE, GA	URS Tallahassee, Florida	**SITE LOCATION**
		Figure 1

G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\CSR\Fig01_MOULTRIE.mxd

A. Mitchell - 12/17/2014



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

Qualifying Properties

Adjacent Parcel Boundaries

M033-014 Parcel Identification Number

Coordinate System:
NAD 1983 Stateplane Georgia West, Feet

200 100 0 200 Feet

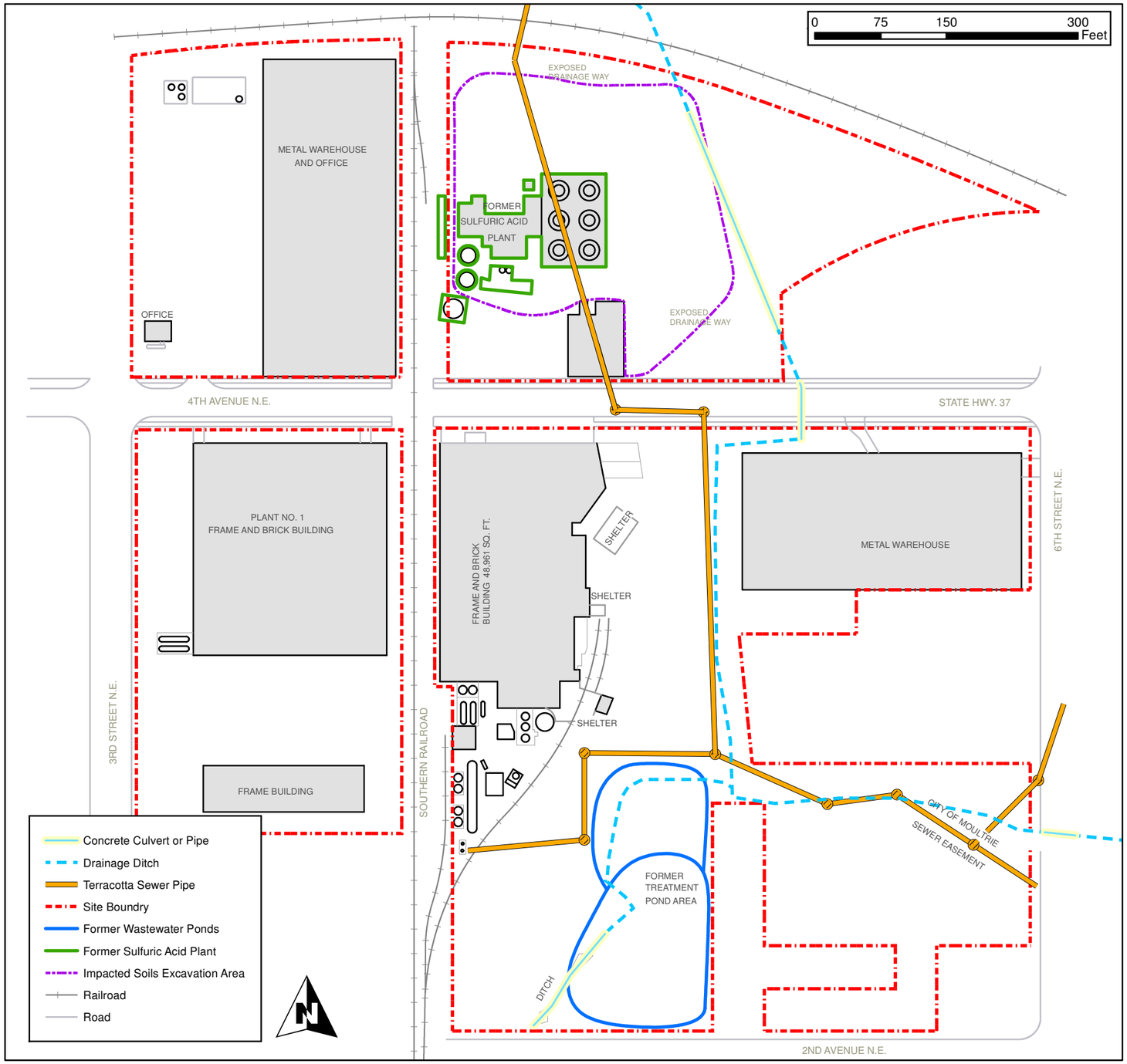
50 25 0 50 Meters

Figure 2

LOCATIONS OF QUALIFYING PROPERTY AND ADJACENT PARCELS

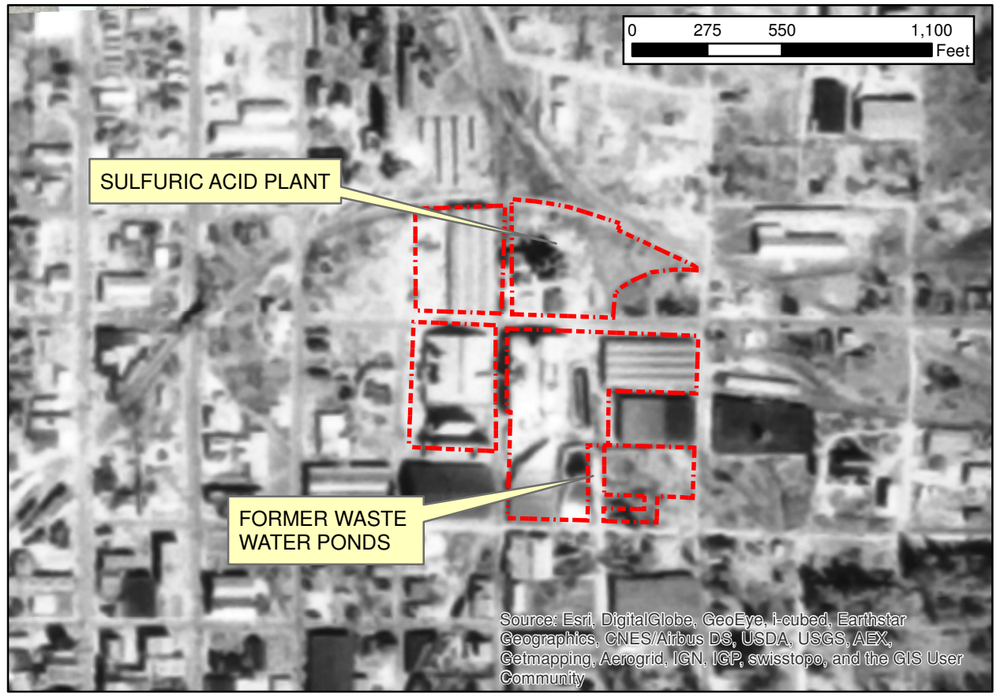
URS
Tallahassee, Florida

C. Beauvais - 3/3/2015





Sulfuric Acid Plant 1992



FORMER FARMERS FAVORITE FERTILIZER MOULTRIE, GA

Site Source Locations

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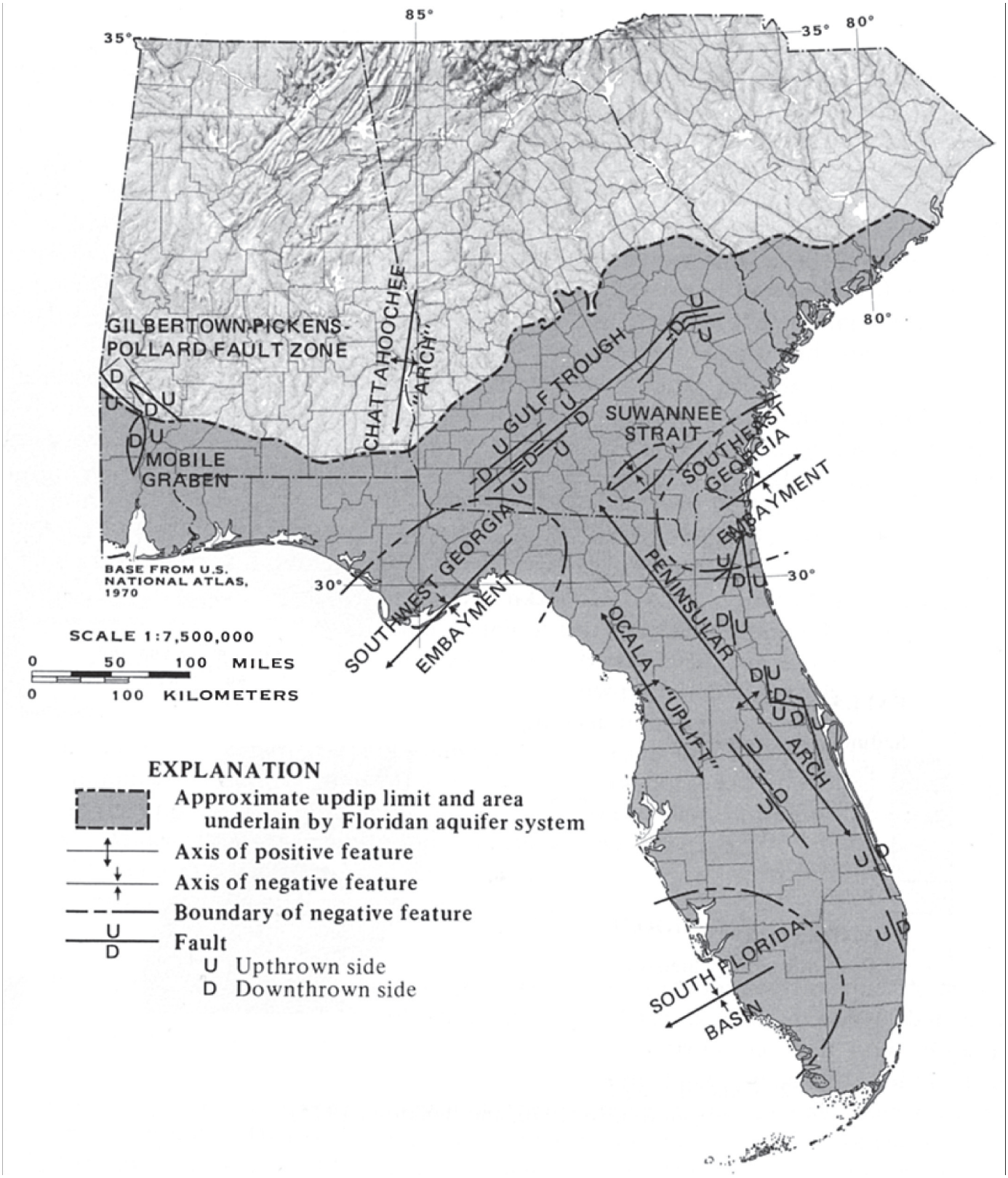
Figure 3

URS
Tallahassee, Florida
2/26/2015 - M. Clarisse

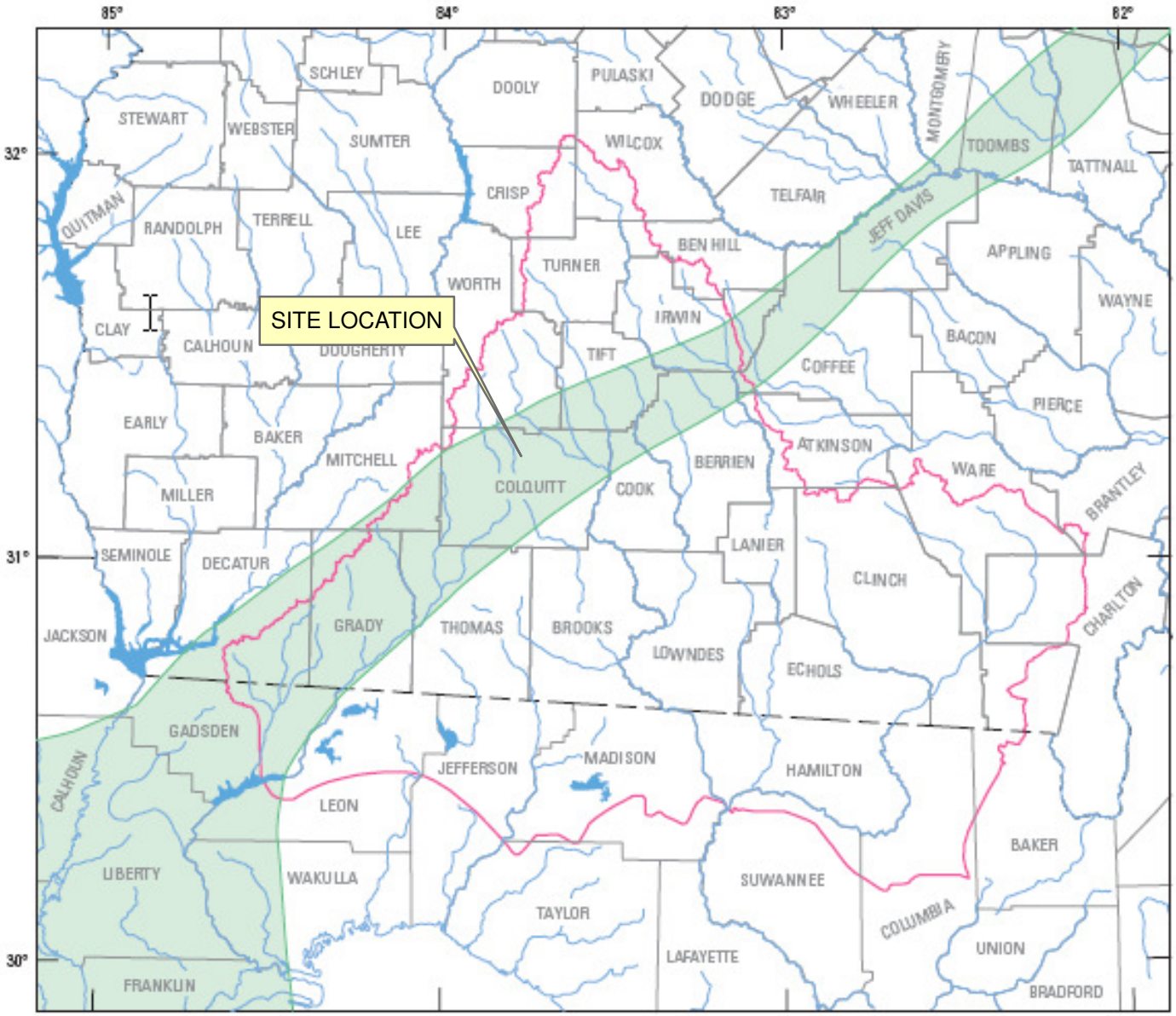


Source: USGS, Scientific Investigations Report 2010 - 5072

FORMER FARMERS FAVORITE FERTILIZER 315 4TH AVENUE NE MOULTRIE, GA	URS Tallahassee, Florida	**GEOLOGIC STRUCTURAL FEATURES** Figure 4

G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\CSR\Fig04_Geologic_Struc.mxd

A. Mitchell - 1/27/2015



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

Approximate location of the Gulf Trough–Apalachicola Embayment

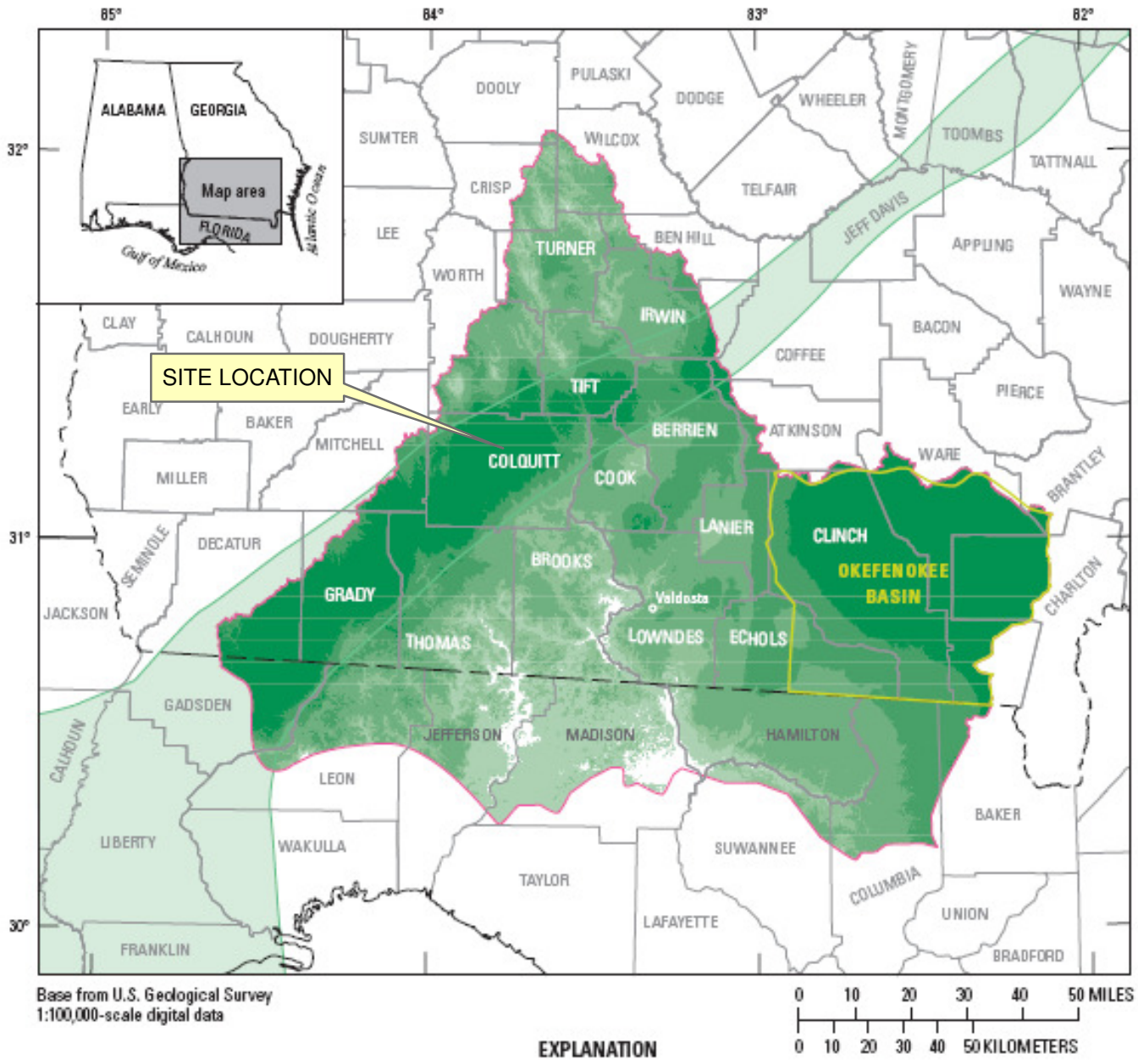
Study area

Source: USGS, Scientific Investigations Report 2010 - 5072

FORMER FARMERS FAVORITE FERTILIZER 315 4TH AVENUE NE MOULTRIE, GA	URS Tallahassee, Florida	**GULF TROUGH LOCATION IN RELATIONSHIP TO MOULTRIE, COLQUITT COUNTY** Figure 5

G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\CSR\Fig05_Gulf_Trough.mxd

A. Mitchell - 1/27/2015



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

Approximate location of Gulf Trough–Apalachicola Embayment

Study area boundary

*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

Source: USGS, Scientific Investigations Report 2010 - 5072

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

URS
Tallahassee, Florida

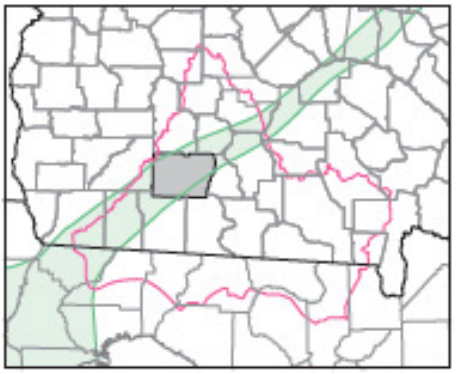
UPPER CONFINING UNIT THICKNESS MAP

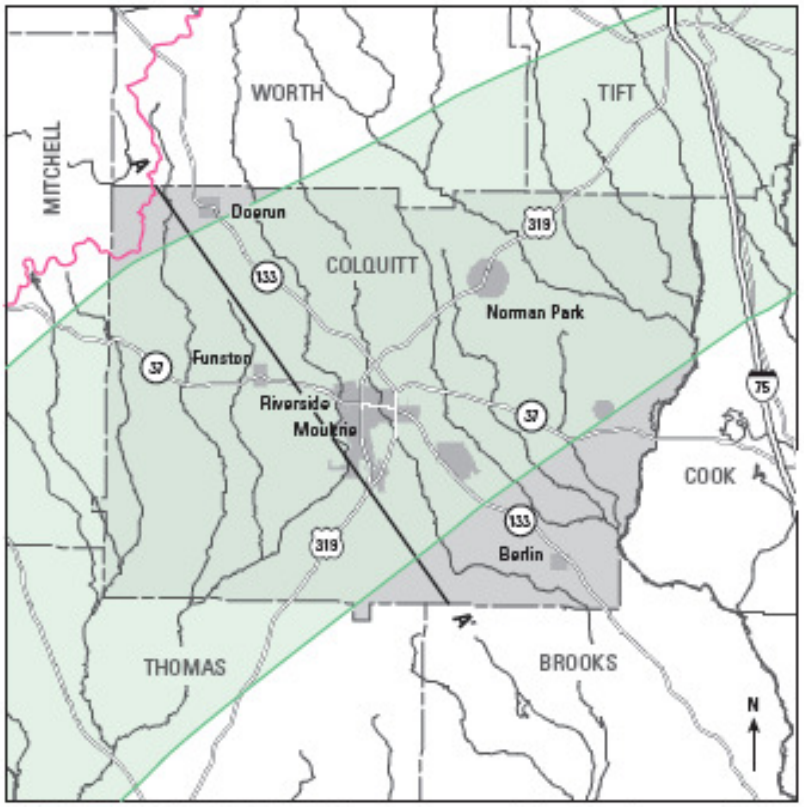
Figure
6

G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\CSR\Fig06_Upper_Confining.mxd

A. Mitchell - 1/27/2015







Base modified from U.S. Geological Survey
1:100,000-scale digital files

0 5 10 MILES
0 5 10 KILOMETERS

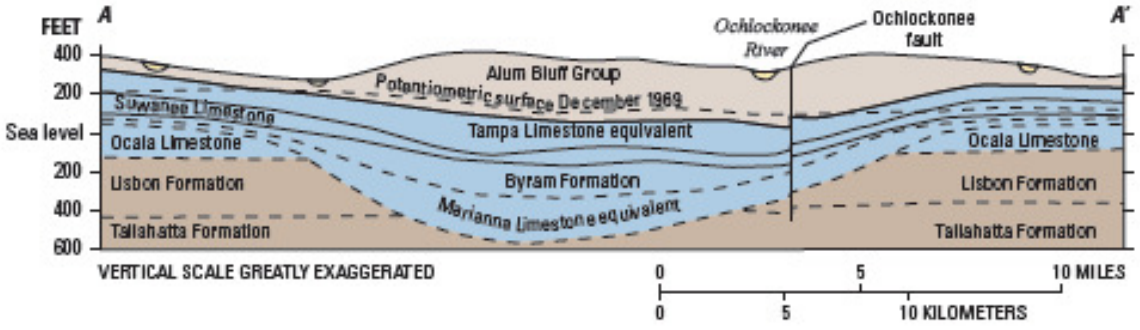
EXPLANATION

MAP

- Approximate location of Gulf Trough–Apalachicola Embayment
- Study area boundary
- A——A' Line of section

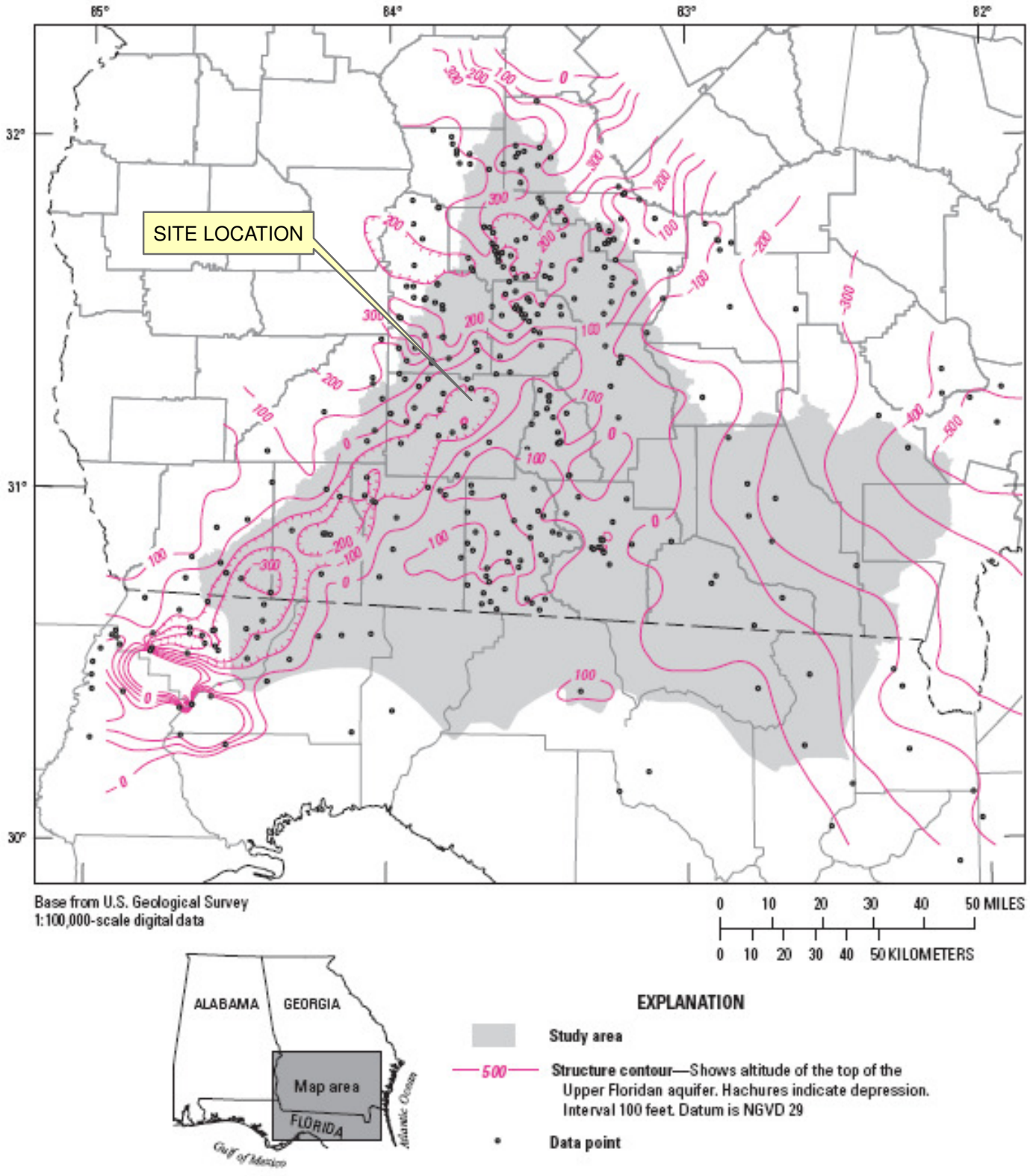
CROSS SECTION

Hydrologic unit
- Surficial aquifer system
- Upper semiconfining unit
- Upper Floridan aquifer
- Lower confining unit
- Geologic contact— Dashed where inferred



Source: USGS, Scientific Investigations Report 2010 - 5072
Note: Potentiometric surface shown is for the Floridan Aquifer

FORMER FARMERS FAVORITE FERTILIZER 315 4TH AVENUE NE MOULTRIE, GA	URS Tallahassee, Florida	**GEOLOGIC SECTION ACROSS COLQUITT COUNTY (MODIFIED FROM USGS, 2010)**
		Figure 7



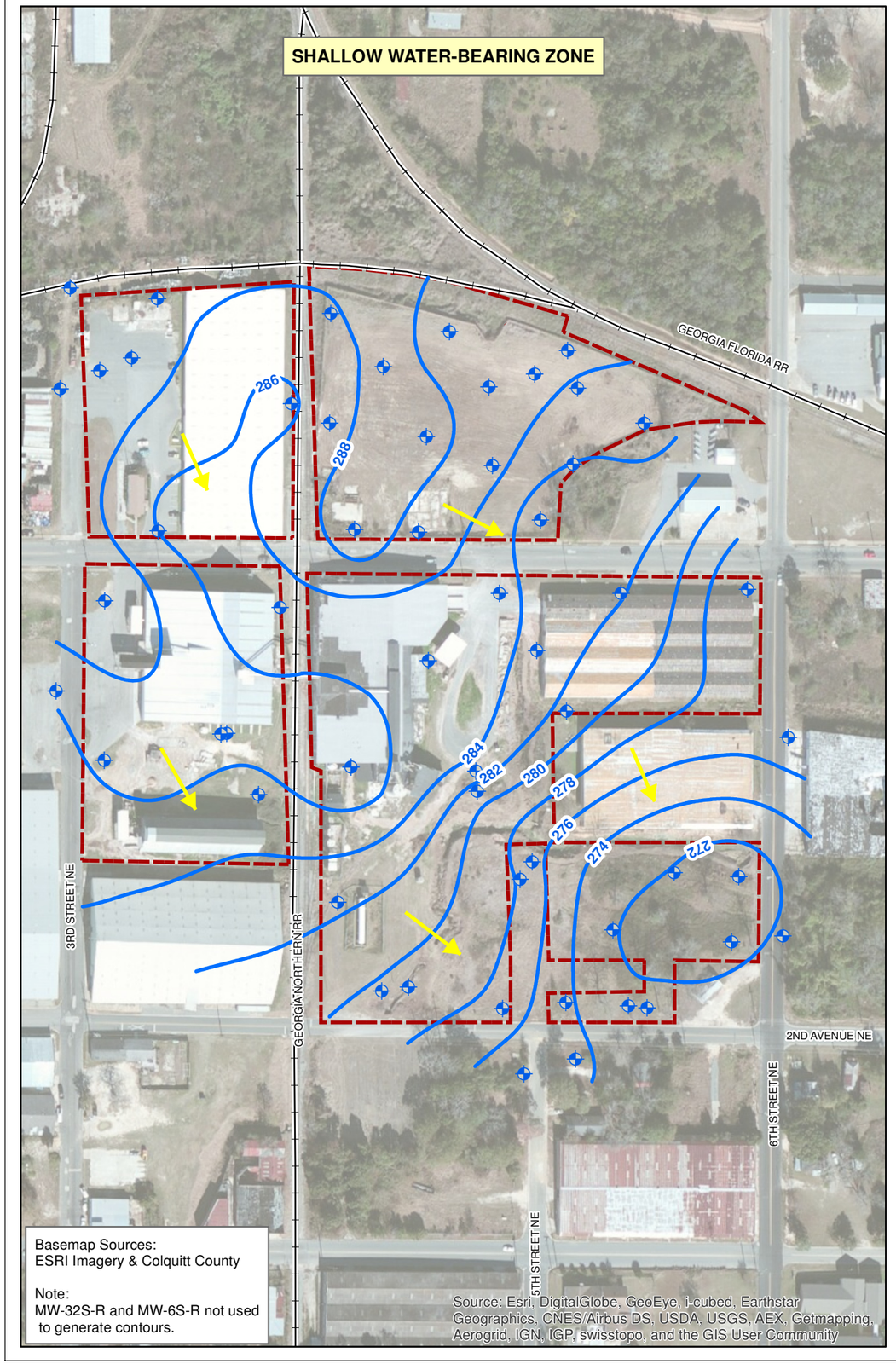
Source: USGS, Scientific Investigations Report 2010 - 5072

FORMER FARMERS FAVORITE FERTILIZER 315 4TH AVENUE NE MOULTRIE, GA	URS Tallahassee, Florida	**TOP OF THE FLORIDAN AQUIFER** Figure 8

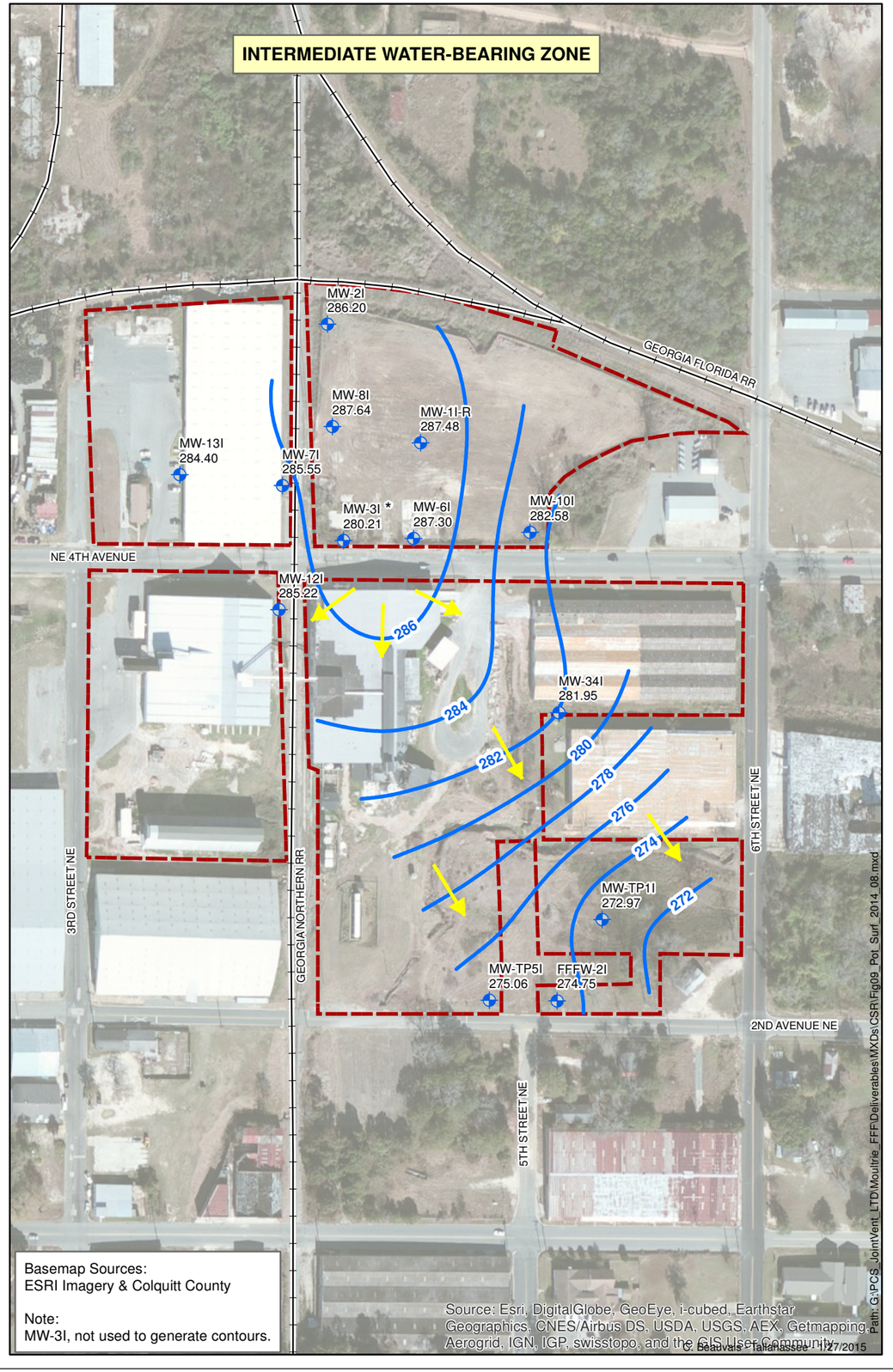
G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\CSR\Fig08_FL_Aquifer.mxd A. Mitchell - 1/27/2015

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

SHALLOW WATER-BEARING ZONE



INTERMEDIATE WATER-BEARING ZONE



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
* = Anomalous groundwater elevation data compared to historical data

Coordinate System:
NAD 1983 Stateplane Georgia West, Feet

N

200 100 0 200 Feet

50 25 0 50 Meters

Figure
9

POTENTIOMETRIC SURFACES OF UPPER CONFINING UNIT WATER-BEARING ZONES AUGUST 4, 2014

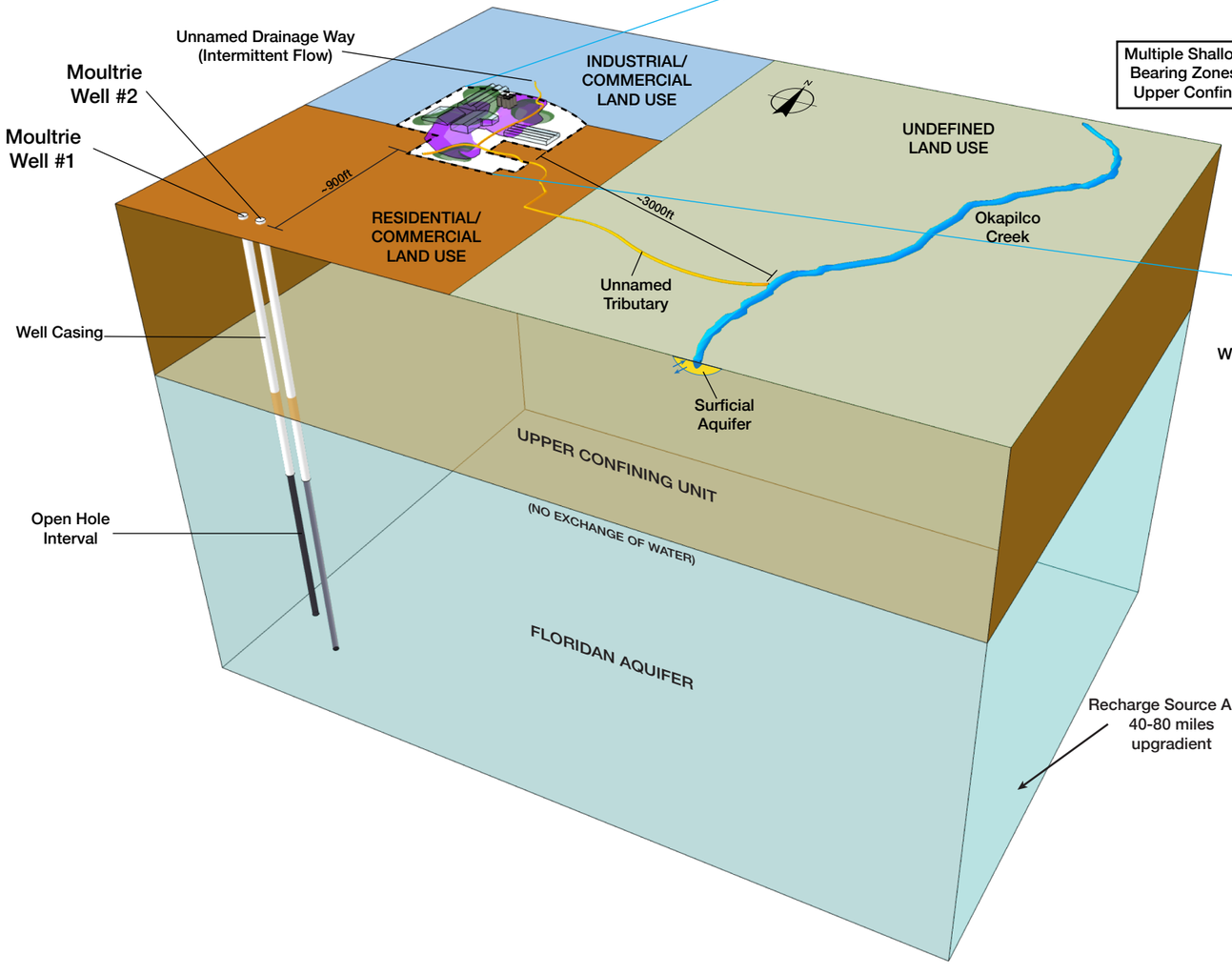
URS
Tallahassee, Florida

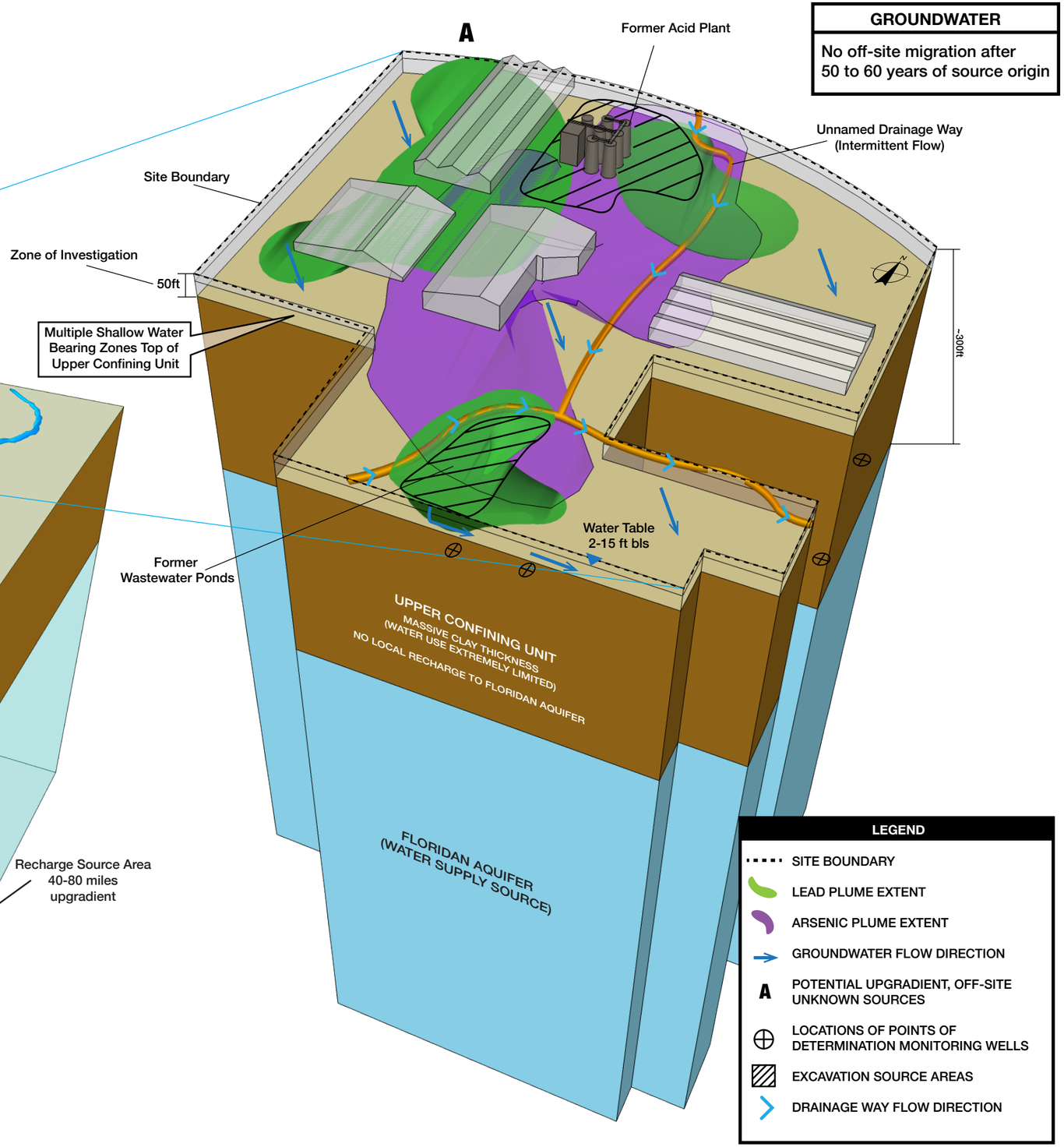
EXPOSURE PATHWAYS

- On-Site Sources Controlled
- On-Site Soil - Completed
- On-Site Groundwater - Completed
- Off-Site Surface Water Sediment - Incomplete
- Off-Site Surface Water - Incomplete
- Off-Site Surface Water Ecological - Incomplete
- Drinking Water Source - Incomplete
- Air/Vapor Intrusion - Incomplete

GROUNDWATER

No off-site migration after
50 to 60 years of source origin





LEGEND

- SITE BOUNDARY
- LEAD PLUME EXTENT
- ARSENIC PLUME EXTENT
- GROUNDWATER FLOW DIRECTION
- A — POTENTIAL UPGRADIENT, OFF-SITE UNKNOWN SOURCES
- LOCATIONS OF POINTS OF DETERMINATION MONITORING WELLS
- EXCAVATION SOURCE AREAS
- DRAINAGE WAY FLOW DIRECTION

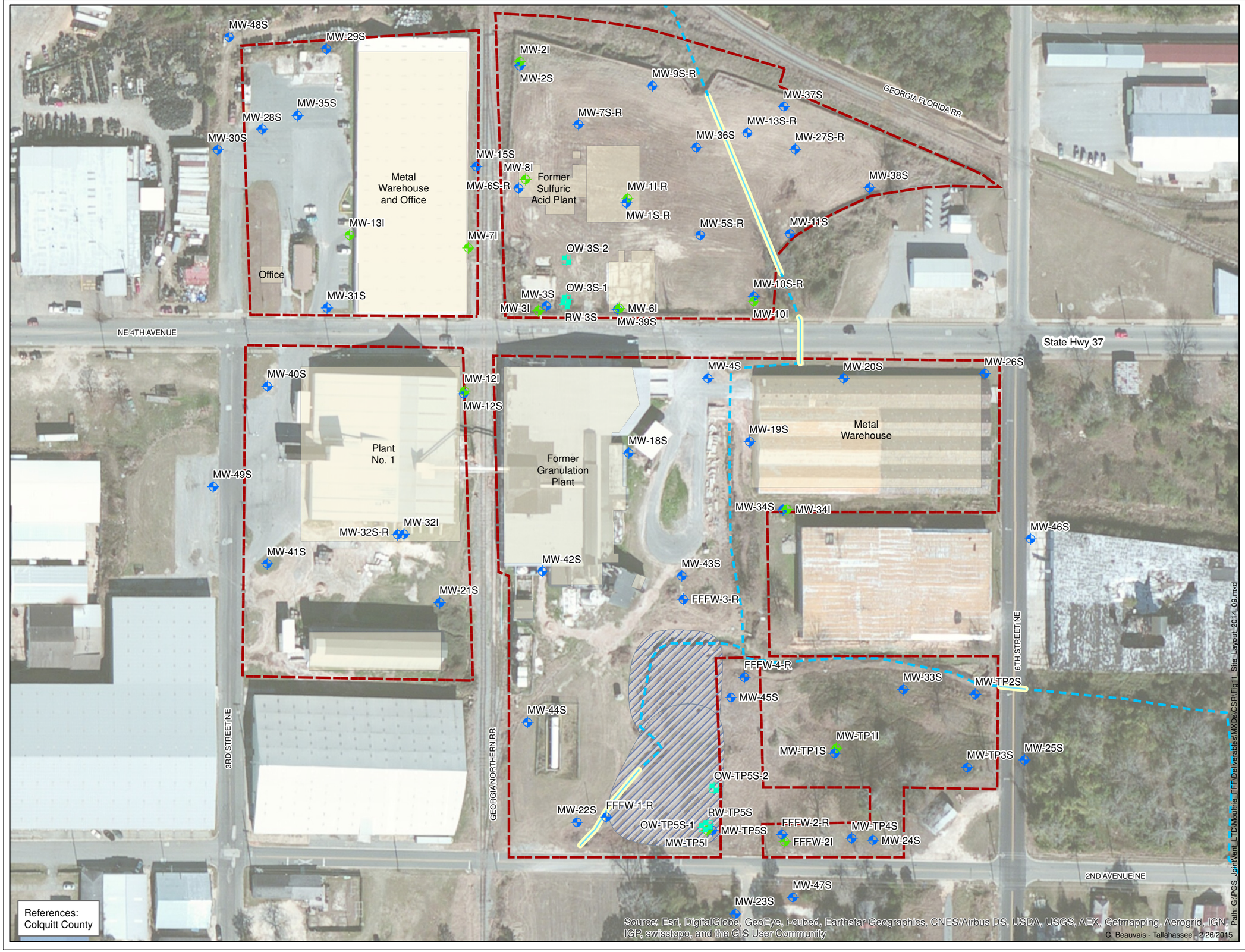
URS

Former FFF Site
Moultrie, Colquitt County, GA

CONCEPTUAL SITE MODEL

FIGURE
10

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



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

Coordinate System:
NAD 1983 State Plane Georgia West, Feet

N

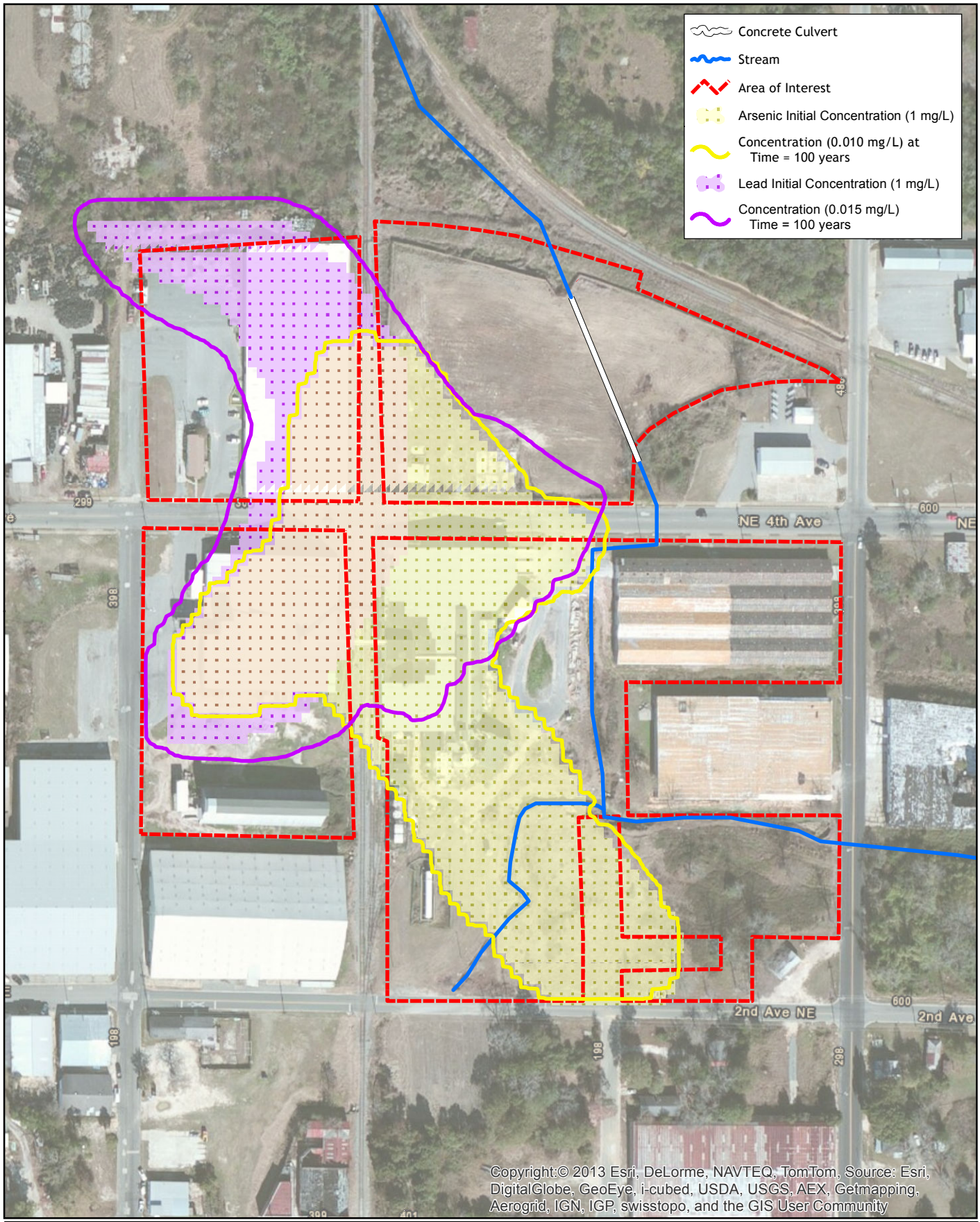
100 50 0 100 Feet

30 15 0 30 Meters

Figure
11

SITE MONITORING WELL LOCATIONS

URS
Tallahassee, Florida



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 12

Extent of Arsenic and Lead Simulation Time of 100 years

G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\CSR\Fig12_As_Pb_model_results.mxd

C. Beauvais - 3/5/2015

APPENDIX A

Appendix A-1

Warranty Deed for Griffin Parcels

Colquitt County Tax Map ID	Warranty Deed Parcel #
M034-001	#1, #2, #6, #6A, and #7
M023-199	#3
M024-215	#8
M024-214	#9

BOOK 0960 PAGE 0450

FILED
CLERK OF SUPERIOR COURT
COLQUITT COUNTY, GA
2007 MAY -2 PM 1:19

PT-61 035-2007-000807

RETURN TO AFTER RECORDING:

Cottingham & Porter, P.C.
319 E. Ashley Street
Douglas, Georgia 31533
Attn: Robert L. Porter, Jr.
01-RE-052

PREPARED BY:

Robert L. Porter, Jr.
Cottingham & Porter, P.C.
319 E. Ashley Street
Douglas, Georgia 31533

GEORGIA, COLQUITT COUNTY
CLERK'S OFFICE, SUPERIOR COURT
RECORDED IN BOOK 960 FOLIO 450-457 CAROLYN M. BRAZEL, CLERK
ON 2nd DAY OF May 20 07
DEPUTY CLERK

COLQUITT COUNTY, GEORGIA
Real Estate Transfer Tax
Paid 453.10
Date 05-02-2007
Clerk of Superior Court

SPACE ABOVE THIS LINE FOR RECORDER'S USE

STATE OF GEORGIA
COUNTY OF COLQUITT

LIMITED WARRANTY DEED

THIS INDENTURE, made this the 27th day of April, 2007, between **PCS JOINT VENTURE, LTD.**, a Florid Limited Partnership, (the "Grantor"), and **R.W. GRIFFIN TERMINAL SERVICES, LLC**, a Georgia limited liability company (the "Grantee");

WITNESSETH:

That the Grantor, for and in consideration of the sum of TEN AND NO/100 DOLLARS ($10.00) and other good and valuable considerations in hand paid at and before the sealing and delivery of these presents, the receipt of which is hereby acknowledged, has granted, bargained, sold and conveyed and by these presents does grant, bargain, sell and convey unto the Grantee, the Grantee's heirs and assigns, the following described property, to wit:

See Exhibit A attached hereto and incorporated herein by reference.

TO HAVE AND TO HOLD the said bargained premises, together with all and singular the rights, members and appurtenances thereof, to the same being, belonging or in anywise appertaining, to the only proper use, benefit and behoof of the Grantee, the Grantee's heirs and assigns, forever, in FEE SIMPLE. This Deed is subject to those certain permitted exceptions set forth in Exhibit B attached hereto and incorporated herein by this reference.

And the Grantor will warrant and forever defend the right and title to the above described property unto the Grantee against the lawful claims of all persons owning, holding or claiming by, through or under Grantor.

(SIGNATURES FOLLOW ON NEXT PAGE)

BOOK PAGE
0960 0451

IN WITNESS WHEREOF, the Grantor has hereunto signed and sealed this indenture, this the day and year first above written.

PCS Joint Venture, Ltd.
A Florida limited partnership

By: Potash Corporation of Saskatchewan (Florida) Inc.,
a Florida Corporation
Its General Partner

By: _____
Name: Thomas J. Regan
Title: President

Signed, sealed and delivered on the
27th day of April, 2007
in the presence of:

_____
Witness

_____
Notary Public. My Commission
Expires: 9/30/10

OFFICIAL SEAL
VALERIE J. BREEDEN
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES 9/20/10

CHI-1585499

EXHIBIT "A"

Property Description

PARCEL #1:
1.501 acres of land lying and being in the City of Moultrie, Colquitt County, Georgia, and more particularly described as BEGINNING at a concrete monument at the Southwest intersection of Fourth Avenue Northeast and Sixth Street Northeast, and from said point of beginning run South 0°4' East along the West margin of Sixth Street Northeast 184.77 feet, thence run south 89°49'20" West 352.88 feet to a point, thence run North 0°3' East 185.51 feet to a point on the South margin of Fourth Avenue Northeast, thence run North 89°57' East along the South margin of Fourth Avenue Northeast a distance of 352.5 feet to a concrete monument and the point of beginning; all as more particularly shown on a plat of survey made by Patchen, Mingledorff and Associates, Consulting Engineers, on November 18, 1966, which plat is recorded in Plat Book 5, page 8, Colquitt County Records.

PARCEL #2:
1.323 acres of land lying and being in the City of Moultrie, Colquitt County, Georgia, and more particularly described as BEGINNING at a concrete monument in the intersection of the East margin of the Georgia Northern Railroad right-of-way with the North margin of Second Avenue Northeast in said city, thence run North 0°17' West along the East margin of said railroad right-of-way 213.5 feet to a point, thence run North 45°25'55" East 137.52 feet to a point, thence run North 89°43' East 101.5 feet to a point, thence run South 0°17' East 314 feet to a point in the North margin of Second Avenue Northeast, thence run North 89° West along the North margin of Second Avenue North 200 feet to a concrete monument and the point or place of beginning; all as more particularly shown on a plat of survey made by Patchen, Mingledorff and Associates, Consulting Engineers, on November 18, 1966, which plat is recorded in Plat Book 5, page 8, Colquitt County Records.

PARCEL #3:
2.68 acres of land lying and being in the City of Moultrie, Colquitt County, Georgia, and more particularly described as beginning at a concrete monument at the northeast intersection of Fourth Avenue, Northeast and Third Street, Northeast, thence run North 0°24' West along the East margin of Third Street, Northeast 360.54 feet to a concrete monument in the South margin of the right-of-way of the Atlantic Coastline Railroad, thence run in an Easterly direction along an arc on the South margin of the right-of-way of the Atlantic Coast Railroad, which arc has a radius of 1407.69 feet, a distance of 282.75 feet to a concrete monument, thence run North 89°51'40" East along the South margin of said railroad right-of-way 19.76 feet to a concrete monument in the West margin of the Georgia Northern Railroad right-of-way, thence run South 0°17' East along the West margin of said Georgia Northern Railroad right-of-way 385.63 feet to a concrete monument in the North margin of Fourth Avenue, Northeast, thence run South 89°57' West along the North margin of Fourth Avenue, Northeast 300.29 feet to a concrete monument and to the point or place of beginning; all as more particularly shown on a plat of survey made by Patchen, Mingledorff and Associates, Consulting Engineers on November 30, 1966, which plat is recorded in Plat Book 5, Page 6, Colquitt County, Records.

PARCEL #6:

A tract of land lying and being in the City of Moultrie, Colquitt County, Georgia, and more particularly described as beginning at a concrete monument in the South margin of Fourth Avenue, Northeast 668.14 feet South 89°57' West from the Southwest intersection of Fourth Avenue Northeast and Sixth Street, Northeast, thence run South 0°17' East along the East margin of said railroad right-of-way 472.14 feet to a point, which is Parcel #2 above described, thence run North 45°25'55" East along the margin of said Parcel #2 a distance of 137.52 feet to a point, thence run North 89°43' East along said Parcel #2 101.5 feet to a point, thence run South 0°17' East along said Parcel #2 a distance of 314 feet to a point in the North margin of Second Avenue, Northeast, thence run South 89° East along the North margin of Second Avenue, Northeast 100.65 feet to a concrete monument in the West margin of Fifth Street, Northeast, thence run North 0°04' West along the West margin of Fifth Street, Northeast 277 feet to a point, thence run South 89° East 60.01 feet to a point in the East margin of Fifth Street, Northeast, thence run South 0°04' East along the East margin of Fifth Street, Northeast 177 feet to a concrete monument in the North margin of lands of Ella Evans, thence run South 89° East along the North margin of lands of Ella Evans 150 feet to a concrete monument, thence run South 0°04' East along the East margin of lands of Ella Evans 50 feet to a concrete monument, thence run North 89° West along the South margin of lands of Ella Evans 75 feet to a point in the East margin of Parcel # 7, hereinafter described, thence run South 0°04' East along the East margin of said Parcel #7 50 feet to a point in the North margin of Second Avenue, Northeast, thence run South 89° East along the North margin of Second Avenue, Northeast 120 feet to a concrete monument in the West margin of lands of J.A. Windom Estate, thence run North 0°4' West along the West margin of lands of said Windom Estate 100 feet to a concrete monument, thence run South 89° East along the North margin of said Windom Estate 110 feet to a concrete monument in the West margin of Sixth Street, Northeast, thence N 0°4' W, 213.06 feet to lands sold by the Grantor to Jenkins Gin Company, thence run South 89°49'20" West along lands of Jenkins Gin Company 322 feet, thence run North 9°04' West 152 feet, thence run North 89°42'20" East 132.02 feet to the right of way of the Georgia & Florida Railroad, thence run North 0°03' East 50 feet to Parcel #1, above described, thence run South 89°49'20" West along the South margin of said Parcel #1 150 feet to a point, thence run North 0°03' East 185.51 feet to a point in the South margin of Fourth Avenue, Northeast, thence run South 89°57' West along the South margin of Fourth Avenue, Northeast 315.64 feet to a concrete monument and the point or place of beginning.

PARCEL #6A:

0.123 acres of land lying and being in the City of Moultrie, Colquitt County, Georgia, more particularly described as beginning at a concrete monument in the South margin of Fourth Avenue, Northeast, which point is the Northwest corner of Parcel #6 herein above described, and from said point run South 89°57' West a distance of 17.67 feet to lands of the Georgia Northern Railroad, thence run South 0°17' East along lands of Georgia Northern Railroad 302 feet, thence run North 89°57' East along lands of said Railroad 17.67 feet to the West margin of said Parcel #6, thence run North 0°17' West along the West margin of said Parcel #6 302 feet to a concrete monument and the point or place of beginning; all as more particularly shown on a plat of survey made by Patchen, Mingledorff and Associates, Consulting Engineers, on November 18, 1966, which plat is recorded in Plat Book 5, Page 8, Colquitt County Records.

PARCEL #8:

1.859 acres of land lying and being in the City of Moultrie, Colquitt County, Georgia, and more particularly described as beginning at a concrete monument in the Southeast intersection of Third Street, Northeast and Fourth Avenue, Northeast, thence run North 89°57' East along the South margin of Fourth Avenue, Northeast 300.16 feet to a concrete monument in the West margin of the right-of-way of the Georgia Northern Railroad, thence run South 0°17' East along the West margin of the Georgia Northern Railroad right-of-way 270 feet to a concrete monument in the North margin of lands of Cotton Producers Association, thence run South 89°57' West along the North margin of lands of Cotton Producers Association 299.61 feet to a concrete monument in the East margin of Third Street, Northeast, thence run North 0°24' West along the East margin of Third Street, Northeast 270 feet to a concrete monument and the point or place of beginning; all as more particularly shown of a plat of survey made by Patchen, Mingledorff and Associates, Consulting Engineers, on December 1, 1966, which plat is recorded in Plat Book 5, Page 9, Colquitt County Records.

PARCEL # 9:
All that tract or parcel of land lying, being and situated in the City of Moultrie, Colquitt County, Georgia, and being more particularly described as follows:

Beginning at a point on the east margin of Third Street Northeast at the intersection of said margin of said street with the north margin of the right-of-way of the spur or sidetrack or the A. B. & C. Railroad, known as the Coleman Spur, said point being 180 feet north, more or less, from the Northeast corner of the intersection of said Third Street Northeast and Second Avenue Northeast; thence from said point of beginning run North along the east margin of said Third Street Northeast a distance of 210 feet and to the property of C.O. Smith Guano Company; thence run East along the South line of the C.O. Smith Guano Company property a distance of 288 feet, more or less, and to the west margin of the right-of-way of the main line of the Georgia Northern Railway Company; thence run South along the said west margin of said right-of-way a distance of 210 feet, more or less, and to the north margin of the right-of-way of the spur or sidetrack of the A.B. & C. Railroad, known as the Coleman Spur; thence run West along said North margin of said right-of-way a distance of 288 feet, more or less, and to the point or place of beginning; all of said tract being in original Land Lot No. 262 of the 8th Land District of Colquitt County, Georgia. This being the same property conveyed to Georgia Peanut Company by J.R. Hackett in Deed recorded in Deed Book 76, Page 598 in the records of the office of the Clerk of Superior Court, Colquitt County, Georgia; by J.R. Hackett in Deed recorded in Deed Book 76, Page 600, said records; by Colquitt County Tobacco Warehouse Company, Inc. in Deed recorded in Deed Book 85 Page 450, said records; by C.O. Smith in Deed recorded in Deed Book 101, Page 581, said records.

The above parcel numbers 1, 2, 3, 6, 6A, 8 & 9 are a portion of the property obtained by PCS Joint Venture, Ltd from Florida Favorite Fertilizer, Inc. and Farmers Favorite Fertilizer of Moultrie, Inc., by deed dated January 15, 1992, and recorded in Deed Book 458, Pages 576-584, Public Records, Colquitt County, Georgia.

PARCEL #7:
3750 square feet of land lying and being in the City of Moultrie, Colquitt County, Georgia, and more particularly described as beginning at a concrete monument in the Northeast intersection of

Fifth Street, Northeast and Second Avenue, Northeast, thence run North 0°04' West 50 feet to a concrete monument in the South margin of lands of Ella Evans, thence run South 89° East along the south margin of lands of Ella Evans 75 feet to a point in the West margin of Parcel #6 herein above described, thence run South 0°04' East along the West margin of said Parcel #6 a distance of 50 feet to a point in the North margin of Second Avenue, Northeast, thence run North 89° West along the North margin of Second Avenue, Northeast 75 feet to a concrete monument and the point or place of beginning; all as more particularly shown on a plat of survey made by Patchen, Mingledorff and Associates, Consulting Engineers, on November 18, 1966, which plat is recorded in Plat Book 5, Page 8, Colquitt County Records.

The above parcel # 7 is all of that property obtained by PCS Joint Venture, Ltd. from Farmers Favorite Fertilizer of Moultrie, Inc. by quitclaim deed dated January 15, 1992, and recorded in Deed Book 458, Page 585-586, Public Records, Colquitt County, Georgia.

PARCEL #12:

All that tract or parcel of land in Land Lot 261 in the Eight (8th) Land District of Colquitt County, Georgia, being part of Block 20 and 29 according to the Arthur Survey of the City of Moultrie, Georgia, and being 1.81 acres, more or less, according to a plat by Hurley J. Griffin, Georgia Registered Surveyor, dated April 3, 1972, which plat is recorded in Plat Book 6, Page 130, in the office of the Clerk of Superior Court of Colquitt County, Georgia, and being more particularly described as follows:

Commence at a point on the Easterly margin of 6th Street, Northeast, which point is located 223 feet North of the intersection of the Easterly margin of 6th Street Northeast with the northerly margin of Northeast 2nd Avenue; run thence South 85 degrees 30 minutes East 282 feet to a point; run thence North 4 degrees 30 minutes East 32.3 feet to a point; run thence North 85 degrees 30 minutes West 40 feet to a point; run thence North 4 degrees 30 minutes East 5 feet to a point; run thence South 85 degrees 30 minutes East 101 feet to a point; run thence South 4 degrees 30 minutes West 8.5 feet to a point; run thence South 85 degrees 30 minutes East 12 feet to a point; run thence North 4 degrees 30 minutes East 157 feet to a point; run thence North 78 degrees 58 minutes West 12.07 feet to a point; run thence North 4 degrees 30 minutes East 5.03 feet to a point; run thence North 78 degrees 58 minutes West 345.2 feet to a point on the Easterly margin of 6th Street, Northeast; run thence South 4 degrees 30 minutes West 230.6 feet to the point of place and beginning.

The above is all of that property obtained by PCS Joint Venture, Ltd from Taylor Trusts Farms, a General Partnership by deed dated January 22, 2002, and recorded in Deed Book 742, Pages 651-652, Public Records, Colquitt County, Georgia.

EXHIBIT "B"

Permitted Exceptions

1. All taxes for the year 2007 are liens not yet due and payable and any additional taxes which may result from a reassessment of caption property.

2. Such state of facts as would be disclosed by an accurate survey and inspection of the premises.

3. Matters shown on that the following plats of survey: (1) plat of survey for PCS Joint Venture, Ltd., by Southland Surveying Company, dated February 1, 1989, and revised February 12, 2007; (2) plat of survey by H.J. Gurley dated April 3, 1972, recorded in Plat Book 6, Page 130, Public Records, Colquitt County, Georgia; (3) plat of survey recorded in Plat Book 5, Page 8, Public Records, Colquitt County, Georgia.

4. Agreement and Right of Way Deed between the Moultrie Compress Company and S.L. Shoonmaker and H.M. Atkinson, Receivers for the Atlanta Birmingham & Atlantic Railroad Company, dated July 3, 1912, and recorded in Deed Book GG, Page 156, Public Records, Colquitt County, Georgia. (Parcel 6)

5. Right of Way Deed from E. Reynolds to Highway Board of Georgia dated December 14, 1939, and recorded in Deed Book 108, Page 155-156, Public Records, Colquitt County, Georgia. (Parcel 6)

6. Right of Way Deed from Moultrie Compress Company to Highway Board of Georgia dated December 14, 1939, and recorded in Deed Book 108, Page 156, Public Records, Colquitt County, Georgia. (Parcel 1)

7. Right of Way Deed from John R. Hall to Highway Board of Georgia dated December 14, 1939, and recorded in Deed Book 108, Pages 156-157, Public Records, Colquitt County, Georgia.

8. Right of Way Deed from E. Reynolds to Highway Board of Georgia dated December 14, 1939, and recorded in Deed Book 108, Page 157, Public Records, Colquitt County, Georgia.

9. Easement Rights from C.O. Smith to Georgia & Florida Railroad, dated May 1, 1951, and recorded in Deed Book 142, Pages 513-515, Public Records, Colquitt County, Georgia. (Parcel 6)

10. Agreement between Georgia Peanut Company and Atlantic Coastline Railroad, dated November 17, 1954 and recorded in Deed Book 167, Page 3, Public Records, Colquitt County, Georgia. (Parcel 9)

11. Restrictive Covenant (right of reverter) in that certain deed from Georgia Northern Railway Company to C.O.Smith Guano Company, dated December 11, 1964, and recorded in Deed Book 234, Page 140, Public Records, Colquitt County, Georgia, as amended by deed between

Georgia Northern Railway Company and Columbia Nitrogen Corporation, dated April 21, 1967 and recorded in Deed Book 249, Page 208, Public Records, Colquitt County, Georgia. (Parcel 6A)

13. Right of Way and Easement Deed between Columbia Nitrogen Corporation and Georgia Northern Railway Company, dated December 21, 1967, and recorded in Deed Book 254, Pages 52-54, Public Records, Colquitt County, Georgia. (Parcels 2, 6 and 8)

14. Sanitary Sewer Easement from Farmers Favorite Fertilizer to City of Moultrie, Georgia, dated January 23, 1983, recorded in Deed Book 372, Page 54, Public Records, Colquitt County, Georgia. (Parcel 2, and 6)

15. Any environmental lien related to subject property and which is related to matters which are identified in the listing for Site No. 10259 in the Georgia Environmental Protection Division Hazardous Site Inventory as of date hereof.

16. Potential claim of adjoining landowner as to six foot strip of land on southern boundary line of southeast corner of Parcel 6.

17. Potential claim of adjoining landowner as to portion of property in southeastern corner of Parcel 12.

18. Claim of ownership interest of heirs of Laura Duckworth as to Parcel 7.

Appendix A-2

Warranty Deeds for PCS Joint Venture, Ltd. Parcels

Colquitt County Tax Map ID	Warranty Deed/ Parcel #
M033-032	2/24/99 Deeds
M033-033	1/15/92 Deed/ Parcels #4 and #5
M033-034	7/14/99 Deed

SHORT & FOWLER
P.O. BOX 1237
MOULTRIE, GEORGIA 31776
912/985-[illegible]

BOOK 642 PAGE 218

[illegible] SUPERIOR [illegible]
[illegible] COUNTY, GA.
99 FEB 25 PM 3:[illegible]
SHIRLEY T. ASBELL, CLERK

GEORGIA, COLQUITT COUNTY
CLERK'S OFFICE, SUPERIOR COURT
FILED FOR RECORD AT 3:19 P.M. ON
25th DAY OF Feb 1999 AND
RECORDED IN BOOK 642 PAGE 218
ON 26th DAY OF Feb 1999
[illegible] DEPUTY CLERK

COLQUITT COUNTY, GEORGIA
Real Estate Transfer Tax
Paid [illegible]
Date [illegible]
[illegible]
Clerk of Superior Court

EXECUTOR'S DEED

STATE OF GEORGIA
COUNTY OF COLQUITT

THIS INDENTURE, made this 24th day of February, 1999, between LAWTON V. MATTHEWS, duly constituted Executor of the Last Will and Testament of FLORA S. MATTHEWS, deceased, and Individually, as Grantor, and PCS JOINT VENTURE, LTD., as Grantee.

WITNESSETH:

THAT, pursuant to and in conformity with the powers and authorities granted in the Last Will and Testament of Flora S. Matthews, deceased, duly probated in solemn form at the August, 1995, term of the Probate Court of Colquitt County, Georgia, and in consideration of the sum of Three Thousand Nine Hundred Fifty and No/Dollars ($3,950.00) cash in hand paid at and before the sealing and delivery of these presents, the receipt of which is hereby acknowledged, Grantor has bargained and sold and by these presents does grant, bargain, sell and convey unto the said Grantee the following described property:

A ONE-HALF (1/2) UNDIVIDED INTEREST IN & TO:

All that certain piece, parcel or tract of land situate, lying and being in the 8th Land District of

LAW OFFICES OF
SHORT & FOWLER
P.O. BOX 1237
MOULTRIE, GEORGIA 31776
912/985-[illegible]

Colquitt County, Georgia, being 1.08 acre, more or less, of Land Lot No. 262 in the City of Moultrie, and more particularly shown on a plat of survey thereof prepared by Jerry S. Lindsey, Surveyor, of date of February 19, 1999, and recorded in Plat Book 33, Page 49, in the Office of the Clerk of the Superior Court of Colquitt County, Georgia, which said plat and the record thereof are by reference incorporated herein.

The above described property was conveyed to Dorsey Matthews and Grady Matthews by Deed dated October 7, 1947, and recorded in Deed Book 133, Page 351, Colquitt County Records. The interest of Grady Matthews was devised to his wife, Flora Styles Matthews, by his Last Will & Testament which was probated at the July, 1973, term of the Probate Court of Colquitt County, Georgia. Flora Styles Matthews owned the one-half (1/2) interest in the above described property at the time of her death and her Will, which was probated at the August, 1995, term of the Probate Court of Colquitt County, Georgia, named Lawton V. Matthews as the Executor of her estate and he qualified as such Executor on August 1, 1995.

TO HAVE AND TO HOLD the said property together with all and singular the rights, members, and appurtenances thereof, to the same being, belonging or in any wise appertaining to the only proper use, benefit and behoof of the said Grantee in fee simple in as full and as ample a manner as the same was possessed or enjoyed by the deceased in her lifetime.

IN WITNESS WHEREOF, the said Grantor has hereunto set his hand and seal the day and year first above written.

Signed, sealed & delivered in the presence of:

Jack Short
Witness

Jan M. Bartlett
Notary Public

Lawton V. Matthews (SEAL)
LAWTON V. MATTHEWS, AS EXECUTOR OF THE LAST WILL AND TESTAMENT OF FLORA S. MATTHEWS, DECEASED AND INDIVIDUALLY

RECORDED 02-[illegible] CLERK

EXECUTOR'S DEED
[illegible] V. Matthews, Executor/Estate of [illegible] Matthews to PCS Joint Venture, Ltd.
Page 2 of 2

SHORT & POWLEN
P.O. BOX 1227
MOULTRIE, GEORGIA 31776
912/985-3066

BOOK 642 PAGE 220

FILED CLERK SUPERIOR COURT
COLQUITT COUNTY, GA.
99 FEB 25 PM 3:19
SHIRLEY T. ASBELL, CLERK

GEORGIA, COLQUITT COUNTY
CLERK'S OFFICE, SUPERIOR COURT
FILED FOR RECORD AT 3:40 P.M. ON
25th DAY OF Feb 1999 AND
RECORDED IN BOOK 642 FOLIO 220-222
ON 2nd DAY OF Feb 1999
[signature] CLERK

COLQUITT COUNTY, GEORGIA
Real Estate Transfer Tax
Paid 11.00
Date 2-26-99
[signature]
Clerk of Superior Court

WARRANTY DEED

STATE OF GEORGIA
COUNTY OF COLQUITT

This indenture, made this 24th day of February, 1999, between ELIZABETH T. MATTHEWS, LAWTON V. MATTHEWS, HUGH D. MATTHEWS, JUDITH E. MATTHEWS BRYAN and MELANIE S. SCARBOROUGH of the first part, and PCS JOINT VENTURE, LTD., of the second part.

WITNESSETH:

THAT, the Parties of the First Part, for and in consideration of the sum of Ten and No/100 Dollars ($10.00) in hand paid, receipt whereof is hereby acknowledged, hath granted, bargained, sold and conveyed unto the said PCS JOINT VENTURE, LTD., Party of the Second Part, heirs, successors and assigns, all that tract or parcel of land situate, lying and being in the County of Colquitt, State of Georgia, and described as follows:

ALL OUR 1/2 UNDIVIDED INTEREST IN & TO:

All that certain piece, parcel or tract of land situate, lying and being in the 5th Land District of Colquitt County, Georgia, being 1.00 acre, more or less, of Land Lot No. 262 in the City of Moultrie, and more particularly shown on a plat of survey thereof prepared by Jerry S. Lindsey, Surveyor, of date of February 19, 1999, and recorded in Plat Book 33, Page 69, in the Office

LAW OFFICES OF
SHORT & POWLEN
P.O. BOX 1227
MOULTRIE, GEORGIA 31776
(912) 985-3066
FAX (912) 985-3067

of the Clerk of the Superior Court of Colquitt County, Georgia, which said plat and the record thereof are by reference incorporated herein.

A 1/4 undivided interest in the above described property was conveyed to Elizabeth T. Matthews by Deed of Assent dated July 12, 1979, and recorded in Deed Book 338, Page 3, Colquitt County Records and a 1/4 undivided interest in the above described property was conveyed to the remaining Grantors herein by Deed of Assent dated July 12, 1979, and recorded in Deed Book 338, Page 8, Colquitt County Records.

Which said tract or parcel of land the said Parties of the First Part will well and truly warrant and defend against the claim of all persons whomsoever, unto the said Party of the Second Part, heirs, successors and assigns, forever in fee simple; however, this warrant does not include the Northern half of the A.C.L. Spur Track right of way as shown on said plat.

Witness the hand and seal of the Parties of the First Part the day and the year first above written.

Elizabeth T. Matthews (SEAL)
ELIZABETH T. MATTHEWS

Signed, sealed & delivered
in the presence of:

Witness

Notary Public

Lawton V. Matthews (SEAL)
LAWTON V. MATTHEWS

Signed, sealed & delivered
in the presence of:

Witness

Notary Public

BOOK PAGE
642 222

Hugh D. Matthews (SEAL)
HUGH D. MATTHEWS

Signed, sealed & delivered
in the presence of:

Jack Short
Witness

[illegible]
Notary Public
NOTARY PUBLIC, GEORGIA
JAN M. BANNISTER
COUNTY OF COLBERT
My Commission Expires October 18, 2002

Judith E. Matthews Bryan (SEAL)
JUDITH E. MATTHEWS BRYAN

Signed, sealed & delivered
in the presence of:

Jack Short
Witness

[illegible]
Notary Public
NOTARY PUBLIC, GEORGIA
JAN M. BANNISTER
COUNTY OF COLBERT
My Commission Expires October 18, 2002

Melanie S. Scarborough (SEAL)
MELANIE S. SCARBOROUGH

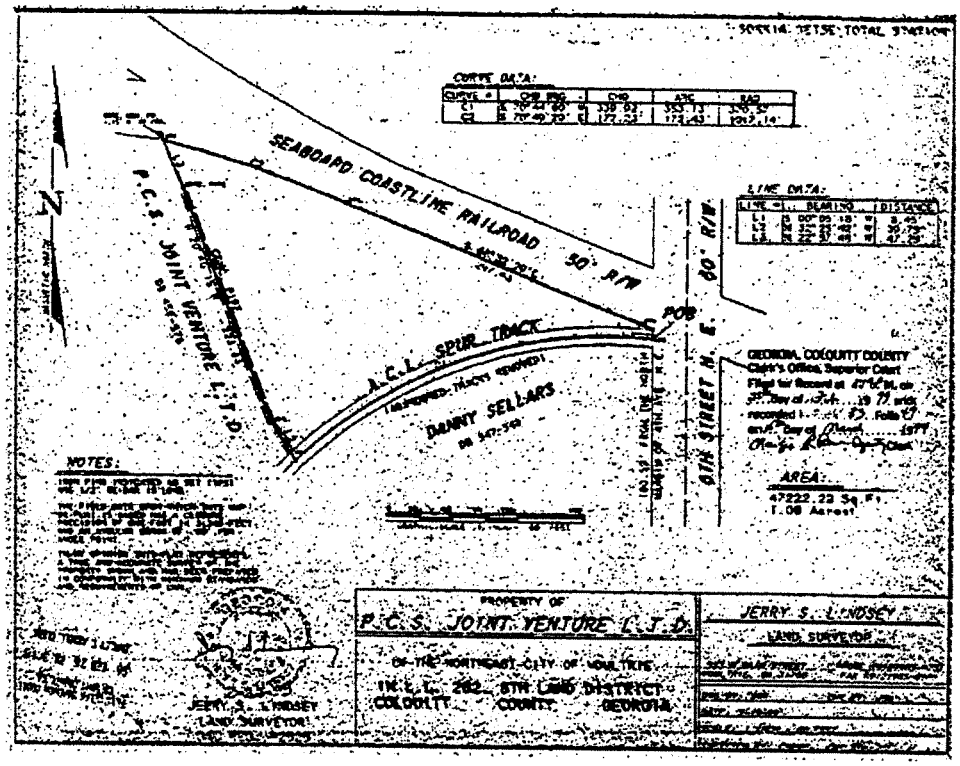
Signed, sealed & delivered
in the presence of:

Carol B. Anderson
Witness

Dorothy L. Dollar
Notary Public
Notary Public, Henry County, Georgia
My Commission Expires June 1, 2000

RECORDED 12-26-99
Shirley J. Ashcraft CLERK

WARRANTY DEED
(Elizabeth T. Matthews, et al. to BCS Joint Venture, Ltd.)
Page 3 of 3



11X14
Sheet & Bounded
P.C.S. Joint Venture Ltd

WARRANTY DEED G4

THIS INDENTURE, made as of the 15th day of January, 1992, between **FLORIDA FAVORITE FERTILIZER, INC., a Florida corporation, d/b/a "FARMERS FAVORITE FERTILIZER OF MOULTRIE" [as to Tract I described on Exhibit "A" attached hereto only] and FARMERS FAVORITE FERTILIZER OF MOULTRIE, INC., a Georgia corporation [as to Tract II described on Exhibit "A" attached hereto only]** herein collectively called the "Grantor," whose post office address is 1801 East Memorial Blvd., Lakeland, FL 33802, and **PCS JOINT VENTURE, LTD.**, a Florida limited partnership, whose post office address is Suite 500, 122 First Avenue South, Saskatoon, Saskatchewan 57K 7G3, herein called the "Grantee";

WITNESSETH that, in consideration of Ten Dollars ($10.00) in hand paid and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Grantor does hereby grant, bargain, sell, alien, convey, transfer and confirm unto Grantee all that tract or parcel of land located in Colquitt County, in the State of Georgia, more fully described in Exhibit "A" attached hereto and made a part hereof, together with all buildings and other improvements located thereon, and together with all rights, members and appurtenances in any manner appertaining or belonging to said property.

TO HAVE AND TO HOLD said property, together with all and singular the rights, members and appurtenances thereof, to the same being, belonging or in anywise appertaining, to the only proper use, benefit and behoof of grantee in fee simple absolute forever. Grantor shall warrant and forever defend the right, title and interest to said property unto Grantee against the claims of all persons claiming by, through or under Grantor, except for those matters set forth in Exhibit "B" attached hereto and made a part hereof. Where the context requires or permits, "Grantor" and "Grantee" shall include their respective heirs, successors and assigns.

IN WITNESS WHEREOF, Grantor has executed this deed under seal on the date above written.

Signed, sealed and delivered in our presence on this 15 day of January, 1992

Unofficial Witness

Notary Public

(NOTARY SEAL)
(NOTARY STAMP)

FLORIDA FAVORITE FERTILIZER, INC., a Florida corporation, d/b/a "FARMERS FAVORITE FERTILIZER OF MOULTRIE"

BY: (SEAL)
AS ITS: President

ATTEST:
AS ITS: Asst. Secretary

Colquitt County, Georgia
Real Estate Transfer Tax
Paid $ 52.30
Date 1-23-92
Clerk of Superior Court

OFFICIAL SEAL
LINDA S. MILLER
My Commission Expires
Nov. 25, 1995

THIS INSTRUMENT PREPARED BY MARY H. QUINLAN
TRENAM, SIMMONS, KEMKER, SCHARF, BARKIN, FRYE & O'NEILL, P.A.
P. O. BOX 1102
TAMPA, FLORIDA 33601

RETURN TO: MARY H. QUINLAN
TRENAM, SIMMONS, KEMKER, SCHARF, BARKIN, FRYE & O'NEILL, P.A.
P. O. BOX 1102
TAMPA, FLORIDA 33601

Signed, sealed and delivered
in our presence on this
15th day of January, 1992

Unofficial Witness

Notary Public

(NOTARY SEAL)
(NOTARY STAMP)

OFFICIAL SEAL
LINDA S. MILLER
My Commission Expires
Nov. 25, 1995

FARMERS FAVORITE FERTILIZER OF MOULTRIE, INC., a Georgia corporation

BY: _____ (SEAL)
AS ITS: President

ATTEST: _____
AS ITS: Asst. Secretary

PDM\h:\potash\ga\deed.g42
January 15, 1992

TRACT II:

PARCEL #1. 1.501 acres of land lying and being in the City of Moultrie, Colquitt County, Georgia, and more particularly described as BEGINNING at a concrete monument at the Southwest intersection of Fourth Avenue Northeast and Sixth Street Northeast, and from said point of beginning run South South 0°4' East along the West margin of Sixth Street Northeast 184.77 feet, thence run South 89°49'20" West 352.88 feet to a point, thence run North 0°3' East 185.51 feet to a point on the South margin of Fourth Avenue Northeast, thence run North 89°57' East along the South margin of Fourth Avenue Northeast a distance of 352.5 feet to a concrete monument and the point of beginning; all as more particularly shown on a plat of survey made by Patchen, Mingledorff and Associates, Consulting Engineers, on November 18, 1966, which plat is recorded in Plat Book 5, page 8, Colquitt County Records.

and

PARCEL #2. 1.323 acres of land lying and being in the City of Moultrie, Colquitt County, Georgia, and more particularly described as BEGINNING at a concrete monument in the intersection of the East margin of the Georgia Northern Railroad right-of-way with the North margin of Second Avenue Northeast in said city, thence run North 0°17' West along the East margin of said railroad right-of-way 213.5 feet to a point, thence run North 45°25'55" East 137.52 feet to a point, thence run North 89°43' East 101.5 feet to a point, thence run South 0°17' East 314 feet to a point in the North margin of Second Avenue Northeast, thence run North 89° West along the North margin of Second Avenue North 200 feet to a concrete monument and the point or place of beginning; all as more particularly shown on a plat of survey made by Patchen, Mingledorff and Associates, Consulting Engineers, on November 18, 1966, which plat is recorded in Plat Book 5, Page 8, Colquitt County Records.

and

PARCEL #3. 2.68 acres of land lying and being in the City of Moultrie, Colquitt County, Georgia, and more particularly described as beginning at a concrete monument at the Northeast intersection of Fourth Avenue, Northeast and Third Street, Northeast, thence run North 0°24' West along the East margin of Third Street, Northeast 360.54 feet to a concrete monument in the South margin of the right-of-way of the Atlantic Coastline Railroad, thence run in an Easterly direction along an arc on the South margin of the right-of-way of the Atlantic Coastline Railroad, which arc has a radius of 1407.69 feet, a distance of 282.75 feet to a concrete monument, thence run North 89°51'40" East along the South margin of said railroad right-of-way 19.76 feet to a concrete monument in the West margin of the Georgia Northern Railroad right-of-way, thence run South 0°17' East along the West margin of said Georgia Northern Railroad right-of-way 385.63 feet to a concrete monument in the North margin of Fourth Avenue, Northeast, thence run South 89°57' West along the North margin of Fourth Avenue, Northeast 300.29 feet to a concrete monument and to the point or place of beginning; all as more particularly shown on a plat of survey made by Patchen, Mingledorff and Associates, Consulting Engineers on November 30, 1966, which plat is recorded in Plat Book 5, Page 6, Colquitt County, Records.

EXHIBIT "A"

TRACT I:

All that tract or parcel of land lying, being and situated in the City of Moultrie, Colquitt County, Georgia, and being more particularly described as follows:

Beginning at a point on the east margin of Third Street Northeast at the intersection of said margin of said street with the north margin of the right-of-way of the spur or sidetrack or the A. B. & C. Railroad, known as the Coleman Spur, said point being 180 feet north, more or less, from the Northeast corner of the intersection of said Third Street Northeast and Second Avenue Northeast; thence from said point of beginning run North along the east margin of said Third Street Northeast a distance of 210 feet and to the property of C.O. Smith Guano Company; thence run East along the South line of the C.O. Smith Guano Company property a distance of 288 feet, more or less, and to the west margin of the right-of-way of the main line of the Georgia Northern Railway Company; thence run South along the said west margin of said right-of-way a distance of 210 feet, more or less, and to the north margin of the right-of-way of the spur or sidetrack of the A. B. & C. Railroad, known as the Coleman Spur; thence run West along said North margin of said right-of-way a distance of 288 feet, more or less, and to the point or place of beginning; all of said tract being in original Land Lot No. 262 of the 8th Land District of Colquitt County, Georgia. This being the same property conveyed to Georgia Peanut Company by J.R. Hackett in Deed recorded in Deed Book 76, Page 598 in the records of the office of the Clerk of Superior Court, Colquitt County, Georgia; by J.R. Hackett in Deed recorded in Deed Book 76, Page 600, said records; by Colquitt County Tabacco Warehouse Company, Inc. in Deed recorded in Deed Book 85, Page 450, said records; by C.O. Smith in Deed recorded in Deed Book 101, Page 581, said records.

ALSO all of the right, title and interest of the Grantor in a strip of land 60 feet in width East and West and lying immediately West of Parcel #3 above described and extending from the North margin of Fourth Avenue, Northeast to the South margin of the right-of-way of the Atlantic Coastline Railroad Company, and formerly being a portion of Third Street, Northeast, which portion has been abandoned by the City of Moultrie for street purposes, containing 0.485 acres; all as more particularly shown on a plat of survey made by Patchen, Mingledorff and Associates, Consulting Engineers, on November 30, 1966, which plat is recorded in Plat Book 5, Page 6, Colquitt County Records.

PARCEL #4. 2.480 acres of land lying and being in the City of Moultrie, Colquitt County, Georgia, and more particularly described as beginning at a concrete monument in the intersection of the North margin of Fourth Avenue, Northeast with the East margin of the Georgia Northern Railroad right-of-way, thence run North 0°17' West along the East margin of the Georgia Northern Railroad right-of-way 386.21 feet to a concrete monument in the South margin of the Atlantic Coastline Railroad right-of-way, thence run in an Easterly direction along the South margin of said Atlantic Coastline Railroad right-of-way on an arc, which arc has a radius of 930.366 feet, a distance of 234.52 feet to a concrete monument, thence run South 22°18'23" East 47.75 feet to a point, thence run South 20°41'35" East 223.29 feet to a point, thence run South 32°13'30" East 32.53 feet to a point in the North margin of the right-of-way of the Atlantic Coastline spur track, thence run in a Southwesterly direction along the North margin of the right-of-way of the Atlantic Coastline spur track on an arc, which arc has a radius of 529.671 feet, a distance of 100.94 feet to a point in the North margin of Fourth Avenue, Northeast, thence run South 89°57' West along the North margin of Fourth Avenue, Northeast 276.45 feet to a concrete monument and the point or place of beginning all as more particularly shown on a plat of survey made by Patchen, Mingledorff and Associates, Consulting Engineers, on November 30, 1966, which plat is recorded in Plat Book 5, Page 6, Colquitt County Records.

PARCEL #5. A triangular tract of land containing 2667 square feet, lying and being in the City of Moultrie, Colquitt County, Georgia, and more particularly described as beginning at a point on the North margin of Fourth Avenue, Northeast, which point is North 89°57' East 296.64 feet from a concrete monument in the intersection of the East margin of the right-of-way of the Georgia Northern Railroad and the North margin of Fourth Avenue, Northeast, thence run in a Northeasterly direction along the South margin of the right-of-way of the Atlantic Coastline spur track on an arc, which arc has a radius of 513.671 feet, a distance of 82.94 feet to a point, thence run South 32°14'5" East 9.23 feet to a point, thence run South 22°41'20" East 57.30 feet to a concrete monument in the North margin of Fourth Avenue, Northeast, thence run South 89°57' West along the North margin of Fourth Avenue, Northeast 83.37 feet to the point or place of beginning; all as more particularly shown on a plat of survey made by Patchen, Mingledorff and Associates, Consulting Engineers, on November 30, 1966, which plat is recorded in Plat Book 5, Page 6, Colquitt County Records.

PARCEL #6. A tract of land lying and being in the City of Moultrie, Colquitt County, Georgia, and more particularly described as beginning at a concrete monument in the South margin of Fourth Avenue, Northeast 668.14 feet South 89°57' West from the Southwest intersection of 4th Avenue, Northeast and Sixth Street, Northeast, thence run South 0°17' East along the East margin of said railroad right-of-way 472.14 feet to a point, which is Parcel #2 above described, thence run North 45°25'55" East along the margin of said Parcel #2 a distance of 137.52 feet to a point, thence run North 89°43' East along said Parcel #2 101.5 feet to a point, thence run South 0°17' East along said Parcel #2 a distance of 314 feet to a point in the North margin of Second Avenue, Northeast, thence run South 89° East along the North margin of Second Avenue, Northeast 100.65 feet to a concrete monument in the West margin of Fifth Street, Northeast, thence run North 0°04' West along the West margin of Fifth Street, Northeast 277 feet to a point, thence run South 89° East 60.01 feet to a point in the East margin of Fifth Street, Northeast, thence run South 0°04' East along the East margin of Fifth Street, Northeast 177 feet to a concrete monument in the North margin of lands of Ella Evans, thence run South 89° East along the North margin of lands of Ella Evans 150 feet to a concrete monument, thence run South 0°04' East along the East margin of lands of Ella Evans 50 feet to a concrete monument, thence run North 89° West along the South margin of lands of Ella Evans 75 feet to a point in the East margin of Parcel #7, hereinafter described, thence run South 0°04' East along the East margin of said Parcel #7 50 feet to a point in the North margin of Second Avenue, Northeast, thence run South 89° East along the North margin of Second Avenue, Northeast 120 feet to a concrete monument in the West margin of lands of J.A. Windom Estate, thence run North 0°4' West along the West margin of lands of said Windom Estate 100 feet to a concrete monument, thence run South 89° East along the North margin of said Windom Estate 110 feet to a concrete monument in the West margin of Sixth Street, Northeast, thence N 0°4' W, 213.06 feet to lands sold by the Grantor to Jenkins Gin Company, thence run South 89°49'20" West along lands of Jenkins Gin Company 322 feet, thence run North 9°04' West 152 feet, thence run North 89°49'20" East 132.02 feet to the right of way of the Georgia & Florida Railroad, thence run North 0°03' East 50 feet to Parcel #1 above described, thence run South 89°49'20" West along the South margin of said Parcel #1 150 feet to a point, thence run North 0°03' East 185.51 feet to a point in the South margin of Fourth Avenue, Northeast, thence run South 89°57' West along the South margin of Fourth Avenue, Northeast 315.64 feet to a concrete monument and the point or place of beginning.

PARCEL #6A. 0.123 acres of land lying and being in the City of Moultrie, Colquitt County, Georgia, more particularly described as beginning at a concrete monument in the South margin of Fourth Avenue, Northeast, which point is the Northwest corner of Parcel #6 hereinabove described, and from said point run South 89°57' West a distance of 17.67 feet to lands of the Georgia Northern Railroad, thence run South 0°17' East along lands of Georgia Northern Railroad 302 feet, thence run North 89°57' East along lands of said Railroad 17.67 feet to the West margin of said Parcel #6, thence run North 0°17' West along the West margin of said Parcel #6 302 feet to a concrete monument and the point or place of beginning; all as more particularly shown on a plat of survey made by Patchen, Mingledorff and Associates, Consulting Engineers, on November 18, 1966, which plat is recorded in Plat Book 5, Page 8, Colquitt County Records.

PARCEL #8. 1.859 acres of land lying and being in the City of Moultrie, Colquitt County, Georgia, and more particularly described as beginning at a concrete monument in the Southeast intersection of Third Street, Northeast and Fourth Avenue, Northeast, thence run North 89°57' East along the South margin of Fourth Avenue, Northeast 300.16 feet to a concrete monument in the West margin of the right-of-way of the Georgia Northern Railroad, thence run South 0°17' East along the West margin of the Georgia Northern Railroad right-of-way 270 feet to a concrete monument in the North margin of lands of Cotton Producers Association, thence run South 89°57' West along the North margin of lands of Cotton Producers Association 299.61 feet to a concrete monument in the East margin of Third Street, Northeast, thence run North 0°24' West along the East margin of Third Street, Northeast 270 feet to a concrete monument and the point or place of beginning; all as more particularly shown on a plat of survey made by Patchen, Mingledorff and Associates, Consulting Engineers, on December 1, 1966, which plat is recorded in Plat Book 5, Page 9, Colquitt County Records.

EXHIBIT "B"

TRACT I:

1. Taxes for the year 1991 and subsequent years.

2. Restrictive covenant recorded in Deed Book 375, Page 609, Colquitt County records.

3. Agreement between the Georgia Peanut Company and Atlantic Coastline Railroad Company for occupation of a certain portion of Atlantic Coastline Railroad Company's right-of-way in Colquitt County dated November 17, 1954 and recorded May 18, 1955 in Deed Book 167, Page 3, aforesaid records.

TRACT II:

1. Taxes for the year 1991 and subsequent years.

2. Sanitary sewer easement from Farmers Favorite Fertilizer to City of Moultrie, Georgia, dated January 23, 1983, recorded in Deed Book 372, Page 54, Colquitt County records.

3. Access easement from Columbia Nitrogen Corporation to Sam Jenkins, Sr. dated September 1, 1970, recorded in Deed Book 276, Page 43-44, aforesaid records, and assigned to Jenkins Gin Company by Assignment dated September 18, 1970, recorded in Deed Book 276, Page 45, aforesaid records.

4. Right-of-way and easement deed from Columbia Nitrogen Corporation to Georgia Northern Railway Company dated December 21, 1967, recorded in Deed Book 254, Pages 52-54, aforesaid records.

5. Right-of-way deed from E. Reynolds to Highway Board of Georgia dated December 14, 1939, recorded in Deed Book 108, Pages 155-156, aforesaid records.

6. Right-of-way deed from E. Reynolds to Highway Board of Georgia dated December 14, 1939, recorded in Deed Book 108, Pages 157-158, aforesaid records.

7. Restrictive covenants and reservations set out in deed from The Georgia Northern Railway Company to C.O. Smith Guano Company dated December 11, 1964, recorded in Deed Book 234, Page 140, aforesaid records and amended by Agreement from Georgia Northern Railway Company to C.O. Smith Guano Company dated April 21, 1967, recorded in Deed Book 249, Pages 207-208, aforesaid records.

8. Right-of-way deed from John R. Hall, Jr. to Highway Board of Georgia, dated December 15, 1929*, recorded in Deed Book 108, Pages 155-156, aforesaid records. (*1939)

9. Easement rights from C.O. Smith to Georgia & Florida Railroad dated May 1, 1951, recorded in Deed Book 142, Pages 513-515, aforesaid records. (See Plat Book 1, Page 188).

10. Right-of-way deed from Moultrie Compress Company to Highway Board of Georgia dated December 15, 1939, recorded in Deed Book 108, Page 156, aforesaid records.

11. Agreement and right-of-way deed from Moultrie Compress Company to Atlanta, Birmingham & Atlantic Railroad Company dated July 3, 1912, recorded in Deed Book GG, Pages 156-157, aforesaid records. (Plat recorded Deed Book GG, Page 158).

RECORDED 1-24-92

Shirley Z Asbell CLERK

SHORT & FOWLER
P.O. BOX 12[illegible]
MOULTRIE, GEORGIA 31776
912/985-385[illegible]

BOOK 656 PAGE 412

FILED CLERK SUPERIOR COURT
COLQUITT COUNTY, GA.
99 JUL 14 AM 11:50
SHIRLEY T. ASBELL, CLERK

GEORGIA, COLQUITT COUNTY
CLERK'S OFFICE, SUPERIOR COURT
FILED FOR RECORD AT 11:50 A.M. ON
14th DAY OF July 1999 AND
RECORDED IN BOOK 656 FOLIO 412-413
ON 14th DAY OF July 1999
Margie [illegible] DEPUTY CLERK

COLQUITT COUNTY, GEORGIA
Real Estate Transfer Tax
Paid 7.50
Date 7-14-99
[illegible]
Clerk of Superior Court

LIMITED WARRANTY DEED

GEORGIA, Colquitt County

THIS INDENTURE, made and entered into the 14th day of July, 1999, between DAN GAY of the First Part and PCS JOINT VENTURE, LTD., of the Second Part.

W I T N E S S E T H

That the Party of the First Part, for and in consideration of the sum of Ten Dollars ($10.00) and other good and valuable considerations in hand paid, receipt whereof is hereby acknowledged, hath granted, bargained, sold and conveyed unto the said PCS JOINT VENTURE, LTD., Party of the Second Part, heirs, successors and assigns, all that tract or parcel of land situate, lying and being in Colquitt County, Georgia, and described as follows:

> All that certain piece, parcel or tract of land situate, lying and being in the 8th Land District of Colquitt County, Georgia, and being 0.38 acre, more or less, of Land Lot No. 262 in the City of Moultrie as shown on a plat of survey thereof prepared by Jerry S. Lindsey, Surveyor, of date of June 14, 1999, and recorded in Plat Book 33, Page 104, in the Office of the Clerk of the Superior Court of Colquitt County,

LAW OFFICE OF
Jack Short
P.O. BOX [illegible]
MOULTRIE, GEORGIA 31776
[illegible]
FAX [illegible]

Georgia, which said plat and the record thereof are by reference incorporated herein.

This being Tract 3 of the property conveyed to the Grantor herein by Deed dated July 8, 1993, and recorded in Deed Book 483, Page 489, Colquitt County Records.

Which said parcel or tract of land the said Party of the First Part will well and truly warrant and defend against the claim of all persons holding by, through or under it, unto the said Party of the Second Part, heirs, successors and assigns, forever in fee simple.

Witness the hand and seal of the Party of the First Part the day and year first above written.

DAN GAY (SEAL)

Signed, sealed & delivered in the presence of:

Jack Short
Witness

Betty N. Bridges
Notary Public

(OFFICIAL SEAL)
NOTARY PUBLIC GEORGIA
BETTY N. BRIDGES
COUNTY OF COLQUITT
My Commission Expires March 30, 2000

LAW OFFICE OF
Jack Short
P.O. BOX 1007
MOULTRIE, GEORGIA 31776
(912) 890-0000
FAX (912) 890-4004

RECORDED 02-14-99
Shirley J. Ashell CLERK

APPENDIX B

Appendix B
August 2014 Semi-Annual Groundwater Sampling Results

One of the components of the Voluntary Investigation and Remediation Plan (VIRP) is semi-annual groundwater sampling. Per the March 2014 Semi-Annual Progress Report, the final semi-annual groundwater sampling event occurred in August 2014. The results of the August 2014 sampling event are reported in this Appendix B Voluntary Remediation Program Compliance Status Report (VRP CSR) dated March 9, 2015. This Appendix B follows the data reporting format of the prior Semi-Annual Progress Reports

1.1 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 site monitoring well network. Monitoring well locations are shown on **Figure 11**. Monitoring well construction details are presented in **Table 4**.

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

1.2 GROUNDWATER ELEVATION MEASUREMENTS

The depth to groundwater was measured in all monitoring wells associated with the Site. Prior to purging and sampling activities, monitoring wells were opened, allowing for groundwater levels to equilibrate to atmospheric conditions. Following the collection of groundwater level measurements and the collection of each groundwater sample, the total depth of each monitoring well was measured. All measurements, groundwater sampling data, and field observations were recorded in the field book. The water-level data is used to calculate approximate water table elevations and to evaluate the general direction of groundwater flow in the water-bearing zones of the upper confining unit. This data is presented in **Table 1**. The potentiometric surfaces for the two historically recognized water-bearing zones of the Upper Confining Unit are presented on **Figure 9**.

1.3 MONITORING WELL PURGING

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

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

- pH [constant within 0.1 Standard Units (SU)]
- specific conductance [constant within 5 percent]

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

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

At monitoring wells in which the purge rates did not exceed the recharge rates of the water bearing zone, a low flow/low stress purging method was used to minimize purge water volume in order to collect groundwater samples with lower turbidity measurements. At monitoring wells in which the purge rates exceeded the recharge rates of the water bearing zone, the well was purged dry. Stabilization parameters were collected as soon as an adequate volume of water was available, and then the sample was collected.

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

1.4 SAMPLING PROCEDURES

Groundwater sampling activities were performed August 4 through 8 and August 11 through 13, 2014. Groundwater samples were collected from 68 monitoring wells. Groundwater sample collection was performed in accordance with the United States Environmental Protection Agency (USEPA) Region 4 Standard Operating Procedures (SOPs) SESD-PROC-301-R3, effective March 6, 2013. Prior to collecting groundwater samples, water levels were measured to determine the volume of water to be removed from the monitoring well during purging. The monitoring wells were purged using a peristaltic pump in accordance with USEPA Region 4 SOPs. Samples were analyzed in the field for temperature, specific conductance, DO, pH, oxidation/reduction potential (ORP), turbidity, color, odor, and depth to water. A summary of the groundwater quality parameters collected during the August 2014 sampling event is presented in **Table A-1**. Field-filtered aliquots of groundwater samples were collected at 10 locations where groundwater turbidity values exceeded 10 NTUs. Copies of the field notes, groundwater sampling logs, and field equipment calibration logs are provided as **Appendix B-Attachments**.

1.5 INVESTIGATIVE DERIVED WASTE

All investigative derived waste (IDW) was contained in labeled 55-gallon steel drums and temporarily staged at a secure, on-site location. On September 2, 2014, Perma-Fix of Florida, Inc. transported the purge water to a waste water treatment facility. A copy of the non-hazardous waste manifest documentation is provided as **Appendix B-Attachments**.

1.6 LABORATORY ANALYSIS

All groundwater samples were sent under chain-of-custody protocol to TestAmerica Laboratories, Inc. (NELAC Certification #81005) located in Tallahassee, Florida. In accordance

with the 2010 Groundwater Monitoring Plan (as discussed below), groundwater samples were analyzed for a combination of the following COCs:

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

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

1.7 MODIFICATIONS TO GROUNDWATER SAMPLING PLAN

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

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

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

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

The current monitoring well sampling plan for the Site is summarized in **Table A-2.**

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 3**. As discussed in detail in this VRP CSR, based on the proposed Environmental Covenants for the Site, Site groundwater is in compliance with the standards and policies of the VRP.

1.8 RESULTS FOR SITE COCs

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

- MW-3S (0.54 mg/L)
- MW-4S (0.055 mg/L)
- MW-5S-R (0.14 mg/L)
- MW-9S-R (0.062 mg/L)
- MW-12S (0.59 mg/L)
- MW-15S (0.097 mg/L)
- MW-19S (0.019 mg/L)
- MW-32I (0.10 mg/L)
- MW-36S (0.16 mg/L)
- MW-41S (0.016 mg/L)
- MW-42S (0.048 mg/L)
- MW-43S (0.014 mg/L)
- MW-45S (0.019 mg/L)
- FFFW-2-R (0.014 mg/L)
- FFFW-3-R (0.019 mg/L)
- MW-TP5S (0.14 mg/L)

Total arsenic concentrations in the shallow zone groundwater are depicted on **Figure B-1**. 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 except MW-7I (0.012 mg/L). Total arsenic concentrations in the intermediate zone groundwater are depicted on **Figure B-1**.

Field-filtered aliquots of the groundwater samples collected from monitoring wells MW-11S, MW-31S, MW-34I, MW-40S, MW-49S, FFFW-4-R, and MW-TP5I were analyzed for arsenic. Concentrations of dissolved arsenic were below the Type 1 RRS in all field-filtered aliquots.

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

- MW-28S (2.8 mg/L)
- FFFW-2-R (3.5 mg/L)
- MW-TP5S (46 mg/L)

Total barium concentrations in the shallow zone groundwater are depicted on **Figure B-1.** The highest concentration is associated with MW-TP5S. This area is associated with the former wastewater pond location.

Barium 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-31S and MW-49S were analyzed for barium. Concentrations of dissolved barium were below the Type 1 RRS in all field-filtered aliquots.

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

- MW-3S (0.022 mg/L)
- MW-5S-R (0.015 mg/L)
- MW-6S-R (0.018 mg/L)
- MW-7S-R (0.0051 mg/L)
- MW-12S (0.038 mg/L)
- MW-32I (0.019 mg/L)
- MW-36S (0.0095 mg/L)
- FFFW-2-R (0.037 mg/L)
- MW-TP5S (0.32 mg/L)

Total beryllium concentrations in the shallow zone groundwater are depicted on **Figure B-1.** The highest concentration is associated with MW-TP5S. This area is associated with the former wastewater pond location.

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

Field-filtered aliquots of the groundwater samples collected from monitoring wells MW-31S, MW-40S, MW-49S, FFFW-4-R, and MW-TP5I were analyzed for beryllium. Concentrations of dissolved beryllium were below the Type 1 RRS in all field-filtered aliquots.

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

- MW-3S (0.0094 mg/L)
- MW-6S-R (0.019 mg/L)
- MW-12S (0.0068 mg/L)
- MW-19S (0.0053 mg/L)
- MW-32I (0.0058 mg/L)
- MW-34S (0.0095 mg/L)

- MW-TP5S (0.015 mg/L)

Total cadmium concentrations in the shallow zone groundwater are depicted on **Figure B-1**. The highest concentration is associated with MW-6S-R. This monitoring well is west of the former sulfuric acid plant.

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

Field-filtered aliquots of the groundwater samples collected from monitoring wells MW-40S and MW-49S were analyzed for cadmium. Concentrations of dissolved cadmium were below the Type 1 RRS in all the field-filtered aliquots.

Copper was detected at concentrations that exceeded the Type 1 RRS of 1.3 mg/L only in groundwater sample collected from shallow zone monitoring well MW-3S (1.5 mg/L**).** 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.

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 (0.13 mg/L)
- MW-5S-R (0.14 mg/L)
- MW-9S-R (0.024 mg/L)
- MW-12S (0.074 mg/L)
- MW-15S (0.026 mg/L)
- MW-28S (0.021 mg/L)
- MW-29S (0.048 mg/L)
- MW-32I (0.091 mg/L)
- MW-36S (0.22 mg/L)
- MW-41S (0.024 mg/L)
- MW-48S (0.017 mg/L)
- FFFW-2-R (0.22 mg/L)
- MW-TP5S (3.3 mg/L)

Lead concentrations in the shallow zone groundwater are depicted on **Figure B-1.** The highest concentration is associated with MW-TP5S and this area is associated with the former wastewater pond location.

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

Lead was detected at a concentration that exceeded the Type 1 RRS in the groundwater sample collected from intermediate zone monitoring well MW-7I (0.036 mg/L). Total lead concentrations in the intermediate zone groundwater are depicted on **Figure B-1**.

Field-filtered aliquots of the groundwater samples collected from monitoring wells MW-11S, MW-31S, MW-34I, MW-40S, MW-49S, FFFW-4-R, and MW-TP5I were analyzed for lead. All concentrations of dissolved lead were below the Type 1 RRS.

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

- MW-3S (0.30 mg/L)
- MW-6S-R (0.42 mg/L)
- MW-12S (0.23 mg/L)
- MW-TP5S (0.75 mg/L)

Total nickel concentrations in the shallow zone groundwater are depicted on **Figure B-1**. 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-11S, MW-31S, MW-34I, MW-40S, MW-49S, FFFW-4-R, and MW-TP5I were analyzed for nickel. Concentrations of dissolved nickel were below the Type 1 RRS in all field-filtered aliquots.

Selenium was detected at a concentration that exceeded the Type 1 RRS of 0.05 mg/L in groundwater samples collected from the following shallow zone monitoring wells:

- MW-3S (0.090 mg/L)
- MW-12S (0.10 mg/L)
- MW-TP5S (0.70 mg/L)

The highest concentration is associated with MW-TP5S and the area is associated with the former wastewater pond location. Selenium concentrations in the shallow zone groundwater are depicted on **Figure B-1**.

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.

Thallium was detected at a concentration that exceeded the Type 1 RRS of 0.002 mg/L in the groundwater samples collected from shallow zone monitoring well monitoring well MW-12S

(0.0025 J mg/L). Thallium concentrations in the shallow zone groundwater are depicted on **Figure B-1**.

Thallium is not a COC in the intermediate zone.

The field-filtered groundwater aliquot of the sample collected from monitoring well MW-40S, MW-49S was analyzed for thallium. Dissolved thallium was not detected in this sample.

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-6S-R (2.8 mg/L)
- MW-19S (3.0 mg/L)

Zinc concentrations in the shallow zone groundwater are depicted on **Figure B-1.** The highest concentration is associated with MW-19S and this area is immediately east of the former granulation plant.

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

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

1.9 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 B-1**. Copies of groundwater sampling logs and field equipment calibration logs are provided as **Appendix B-Attachments**.

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

MW-35S was not marked for mercury but per scope of work the sample was logged in to report it.

Sample EQ-3 (640-48809-59) was submitted for analysis; however it was not listed on the chain-of-custody. The samples were logged in per container label.

Three equipment blanks (EQ-1, EQ-2 and EQ- 3) were collected during the August 2014 groundwater sampling event. Each equipment blanks was analyzed for the 10 metals of concern. No 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 2014 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:

- Arsenic and beryllium had a high RPD percent, of 95 and 48, respectively, when comparing the groundwater results from MW-6S-R and DUP-1.
- Arsenic and lead had a high RPD percent, of 43 and 31, respectively, when comparing the groundwater results from MW-3S and DUP-3.
- Thallium had a high RPD of 99 when comparing the groundwater results from MW-TP5S and DUP-4.
- Arsenic and nickel had a high RPD percent, of 92 and 93, respectively, when comparing the groundwater results from MW-36S and DUP-5.

A summary of QA sample analyses is presented in **Table B-3**. In addition to the field QC samples, the laboratory performed its standard QC analyses, including analyses of a method blank and a laboratory control standard. The results of the laboratory QC analyses are within acceptable limits except for the previously mentioned samples. Therefore, the field and laboratory data are valid and suitable for the intended purpose.

1.10 GROUNDWATER FLOW DIRECTION

The water level data collected during the August 2014 sampling event indicates that groundwater flow direction within the water-bearing zones of the confining unit beneath the Site remains toward the southeast. Historically, the southeast direction has been the primary groundwater flow direction. **Figure 9** shows the potentiometric surfaces during August 2014 for both the shallow and intermediate water-bearing zones in the upper confining unit of the surficial aquifer.

TABLES

TABLE B-1
SUMMARY OF SITE FIELD PARAMETER MEASUREMENTS
Former Farmers Favorite Fertilizer Facility
Moultrie, Georgia

Location	Date	pH (SUs)	Temperature (˚C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (mV)	Turbidity (NTUs)
MW-1S-R	01/26/99	4.53	NM	2620	NM	NM	26
	05/09/00	3.58	NM	2330	NM	NM	4.87
	11/13/01	3.44	NM	1579	NM	NM	81.3
	12/22/02	3.98	NM	1099	NM	NM	198
	06/18/03	4.27	NM	1673	NM	NM	550
	08/27/09	5.92	25.78	803	0.43	64	57
	08/31/10	6.17	28.48	550	0.99	80	5.1
	03/02/11	6.58	14.81	455	4.26	89	16.3
	08/25/11	6.70	34.50	830	0.70	-14.5	1.40
	03/14/12	6.57	19.07	476	4.30	28.5	18.1
	08/23/12	6.28	26.88	526	0.40	26.8	10.7
	03/12/13	6.41	16.18	356	4.22	101.0	13.3
	08/21/13	6.96	28.49	203	3.58	-38.2	9.3
	03/10/14	7.15	16.53	224	6.25	-3.4	25.1
	08/06/14	6.45	26.96	360	0.80	19.7	0.77
MW-1I-R	01/26/99	5.31	NM	277	NM	NM	19.3
	05/09/00	5.38	NM	144.5	NM	NM	2.27
	11/13/01	4.87	NM	148	NM	NM	1.81
	12/23/02	4.74	NM	127.3	NM	NM	0.47
	06/18/03	5.28	NM	199.9	NM	NM	1.2
	08/27/09	4.21	22.35	154	0.08	90	1
	08/31/10	4.96	26.08	143	0.62	169	0.3
	03/02/11	4.64	17.77	162	0.79	306	1.4
	08/25/11	4.84	25.38	148	3.54	87.0	0.22
	03/13/12	4.49	21.54	155	0.28	71.0	0.34
	08/23/12	4.45	23.00	151	0.12	309.9	0.18
	03/12/13	4.55	20.67	147	0.50	180.7	0.26
	08/22/13	4.64	23.25	140	0.56	-65.9	0.62
	03/10/14	4.73	19.96	140	0.32	-11.4	2.68
	08/06/14	4.67	23.52	140	0.51	239.6	0.53
MW-2S	01/26/99	3.82	NM	1150	NM	NM	15
	05/08/00	3.76	NM	879	NM	NM	3.9
	11/12/01	3.5	NM	892	NM	NM	310
	12/23/01	3.9	NM	865	NM	NM	0.02
	06/18/03	3.74	NM	884	NM	NM	2.9
	08/28/09	3.49	22.85	784	2.98	251	1.9
	08/31/10	3.77	24.13	615	3.22	278	1.3
	03/01/11	3.91	15.73	722	7.02	466	1.1
	08/25/11	4.19	26.29	524	3.04	162.1	8.20
	03/13/12	3.86	17.94	750	3.88	426.7	0.78
	08/23/12	3.64	23.36	632	2.18	451.2	0.23
	03/12/13	3.90	16.08	644	5.86	136.1	0.58
	08/20/13	3.96	24.58	563	1.80	200.4	0.41
	03/04/14	3.91	13.68	620	5.58	67.5	0.36
	08/05/14	3.93	25.93	565	3.32	174.2	1.41

TABLE B-1
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Former Farmers Favorite Fertilizer Facility
Moultrie, Georgia

Location	Date	pH (SUs)	Temperature (˚C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (mV)	Turbidity (NTUs)
MW-2I	01/26/99	5.28	NM	166	NM	NM	5.7
	05/08/00	4.75	NM	125.8	NM	NM	2.46
	11/12/01	4.48	NM	177.4	NM	NM	1.55
	12/23/02	4.85	NM	108	NM	NM	1.19
	06/18/03	3.74	NM	884	NM	NM	2.9
	08/28/09	4.05	21.08	142	0.61	141	1
	08/31/10	4.63	32.32	130	0.55	201	0.2
	03/01/11	4.71	18.98	139	1.02	377	1.6
	08/25/11	4.89	20.83	124	0.83	110.2	4.75
	03/13/12	4.52	19.90	121	0.22	297.5	1.00
	08/23/12	4.29	20.27	137	0.30	154.8	0.99
	03/12/13	4.56	19.56	131	0.50	80.9	1.81
	08/23/13	4.17	21.81	131	0.53	-1.0	0.88
	03/04/14	4.64	16.01	126	0.77	10.3	2.40
	08/05/14	4.75	25.07	135	0.36	145.2	0.73
MW-3S	01/26/99	3.61	NM	4100	NM	NM	3.3
	05/08/00	3.21	NM	5140	NM	NM	1.49
	11/13/01	3.11	NM	6470	NM	NM	9.9
	12/23/02	3.15	NM	5784	NM	NM	17
	06/18/03	3.19	NM	5040	NM	NM	4
	08/28/09	3.16	23.39	5447	0.18	454	1.0
	08/31/10	3.55	25.55	5340	1.59	464	3.3
	03/02/11	3.35	19.81	5413	0.93	432	3.3
	08/25/11	3.23	25.47	3809	0.53	459.1	0.53
	03/14/12	3.37	21.81	4514	0.66	443.7	2.86
	08/22/12	2.98	24.98	5124	0.95	437.0	3.25
	03/15/13	3.15	19.32	5046	0.28	308.7	0.91
	08/22/13	3.99	26.06	1061	7.85	176.1	2.82
	03/05/14	3.11	14.30	1661	1.39	165.3	1.28
	08/08/14	3.24	33.57	4404	2.12	398.3	0.95
MW-3I	01/26/99	4.99	NM	261	NM	NM	177
	05/08/00	4.85	NM	160.9	NM	NM	3.87
	11/13/01	4.36	NM	176	NM	NM	1.06
	12/23/02	4.72	NM	139.1	NM	NM	0.23
	06/18/03	4.65	NM	187	NM	NM	3.2
	08/28/09	4.37	22.85	180	0.22	86	24.7
	08/31/10	4.98	24.07	160	0.50	174	0.8
	03/02/11	4.77	18.43	168	1.03	283	32.1
	08/25/11	4.74	22.66	167	0.51	285.0	1.12
	03/14/12	4.55	22.54	232	0.15	186.9	1.27
	08/22/12	4.54	23.03	190	0.08	247.2	3.77
	03/15/13	4.71	21.12	219	0.17	87.7	1.12
	08/28/13	5.24	23.89	317	0.43	-96.1	1.36
	03/04/14	4.26	17.37	153	0.25	23.6	3.14
	08/05/14	4.81	27.99	162	0.36	44.1	0.44

TABLE B-1
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Former Farmers Favorite Fertilizer Facility
Moultrie, Georgia

Location	Date	pH (SUs)	Temperature (˚C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (mV)	Turbidity (NTUs)
MW-4S	01/26/99	6.43	NM	7700	NM	NM	14.9
	05/09/00	4.38	NM	817	NM	NM	4.62
	11/14/01	4.14	NM	675	NM	NM	1.42
	12/22/02	5.29	NM	859	NM	NM	12
	06/19/03	4.69	NM	2720	NM	NM	1
	08/28/09	4.59	27.98	7891	0.88	161	21.8
	08/25/10	5.27	29.83	3603	2.18	201	8.5
	02/23/11	6.04	18.29	4489	2.26	188	2.9
	08/30/11	5.88	31.33	8186	0.49	147.6	1.62
	03/15/12	5.40	22.22	4483	0.15	86.9	2.13
	08/25/12	6.00	29.98	15669	0.20	242.4	1.75
	03/14/13	6.30	19.04	10880	0.44	208.7	4.39
	08/28/13	5.87	30.73	2337	0.34	172.8	2.22
	03/05/14	5.81	17.74	11195	0.98	251	2.95
	08/05/14	6.19	28.82	5349	1.07	121.4	1.78
MW-5S-R	01/26/99	5.78	NM	283	NM	NM	28
	05/09/00	5.95	NM	561	NM	NM	0.81
	11/13/01	4.98	NM	186	NM	NM	33
	12/22/02	5.57	NM	587	NM	NM	1.32
	06/18/03	5.19	NM	511	NM	NM	3.8
	08/27/09	4.01	26.05	2367	0.12	198	15.7
	08/31/10	5.82	27.49	1368	0.99	-60	94.6
	03/01/11	6.11	15.49	968	2.00	23	113.0
	08/29/11	4.09	29.65	2497	0.14	277.9	2.91
	03/14/12	5.52	19.69	1018	0.78	-1.6	121
	08/22/12	6.20	26.35	990	0.44	5.5	48.4
	03/13/13	6.34	17.14	874	0.90	17.2	31.6
	08/21/13	7.02	27.38	445	0.30	-53.4	0.85
	03/10/14	7.01	15.51	570	2.19	-21.5	3.70
	08/07/14	3.82	32.35	2291	0.45	274.6	2.40
MW-6S-R	01/26/99	2.83	NM	4800	NM	NM	4
	05/08/00	3.06	NM	5000	NM	NM	1.16
	11/13/01	3.28	NM	7360	NM	NM	1.62
	12/22/02	3.22	NM	6899	NM	NM	10
	06/18/03	3.82	NM	5950	NM	NM	1
	08/26/09	3.30	25.95	7905	0.12	273	8.7
	08/31/10	3.45	26.26	7586	1.12	285	0.6
	03/01/11	3.38	16.54	4577	0.78	329	1.9
	08/25/11	3.48	30.20	6452	1.15	298.1	0.58
	03/13/12	3.22	18.69	4306	0.17	357.0	0.49
	08/22/12	3.12	26.43	7204	0.64	246.1	1.39
	03/12/13	3.51	16.42	2845	0.62	318.1	0.87
	08/22/13	3.81	27.26	1410	0.24	270.2	0.48
	03/04/14	3.29	11.70	2581	0.30	236.1	0.80
	08/05/14	3.27	32.44	5520	0.22	307.0	1.05

TABLE B-1
SUMMARY OF SITE FIELD PARAMETER MEASUREMENTS
Former Farmers Favorite Fertilizer Facility
Moultrie, Georgia

Location	Date	pH (SUs)	Temperature (˚C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (mV)	Turbidity (NTUs)
MW-6I	05/09/00	5.22	NM	363	NM	NM	1.34
	11/13/01	4.46	NM	244	NM	NM	0.78
	06/18/03	4.4	NM	336	NM	NM	3.8
	08/27/09	4.30	22.88	245	0.09	115	6.0
	08/31/10	5.14	24.01	194	0.47	169	0.9
	03/02/11	4.91	21.05	203	0.28	220	4.7
	08/25/11	5.00	23.69	201	4.91	119.9	2.53
	03/14/12	4.76	22.49	225	0.09	267.7	0.86
	08/23/12	4.47	23.61	217	0.12	299.9	1.40
	03/13/13	4.75	21.89	207	0.20	156.6	0.83
	08/23/13	6.32	23.74	1029	1.90	-47.1	2.84
	03/11/14	4.81	20.37	195	0.27	28.2	2.38
	08/06/14	4.70	23.61	191	0.25	198.0	1.42
MW-7S-R	01/26/99	3.97	NM	5040	NM	NM	27
	05/0900	4	NM	3570	NM	NM	4.62
	11/12/01	4.11	NM	3100	NM	NM	4.14
	12/23/02	5.32	NM	1721	NM	NM	2.13
	06/18/03	5.01	NM	3000	NM	NM	2.9
	09/01/09	2.98	26.10	3124	0.58	448	3.0
	09/01/10	3.01	26.08	2708	1.65	411	130.0
	03/01/11	3.87	16.07	2259	2.87	368	19.8
	08/29/11	3.04	27.00	3592	1.34	368.3	51.2
	03/13/12	3.82	20.82	2177	0.78	296.6	18.2
	08/22/12	3.19	26.47	2396	0.29	388.5	38.5
	03/12/13	3.20	16.45	2618	0.81	366.4	26.8
	08/20/13	3.24	26.34	2437	0.21	366.8	17.0
	03/05/14	2.46	13.88	2434	0.24	353	31.2
	08/07/14	2.96	27.10	2531	0.45	392.8	1.18
MW-7I	05/08/00	10	NM	596	NM	NM	2.46
	11/13/01	4.72	NM	475	NM	NM	4.8
	12/22/01	4.63	NM	735	NM	NM	2.6
	06/19/03	4.48	NM	798	NM	NM	2.1
	08/26/09	4.00	21.65	1041	0.10	114	1.8
	08/25/10	10.70	23.75	442	2.70	109	1.3
	02/23/11	4.04	20.74	1051	0.47	202	8.5
	08/23/11	4.35	22.60	871	0.49	146.2	1.25
	03/14/12	3.97	20.86	901	0.18	366.0	0.65
	08/23/12	3.94	21.67	769	0.47	245.5	1.89
	03/12/13	3.92	20.56	978	0.41	234.6	2.22
	08/27/13	5.26	22.16	744	1.02	39.2	3.95
	03/11/14	4.14	20.14	972	0.16	159.1	15.4
	08/07/14	4.15	22.78	930	0.29	218.2	2.58
MW-8S	01/26/99	3.58	NM	1510	NM	NM	90
	05/09/00	3.61	NM	1219	NM	NM	4.64
	11/13/01	3.49	NM	1232	NM	NM	115
	12/23/02	3.47	NM	1572	NM	NM	208
	06/18/03	3.49	NM	1715	NM	NM	4.89

TABLE B-1
SUMMARY OF SITE FIELD PARAMETER MEASUREMENTS
Former Farmers Favorite Fertilizer Facility
Moultrie, Georgia

Location	Date	pH (SUs)	Temperature (˚C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (mV)	Turbidity (NTUs)
MW-8I	08/31/10	4.46	23.65	248	1.48	135	0.4
	03/01/11	4.46	19.89	203	0.49	361	7.8
	08/25/11	4.51	22.91	169	0.74	141.3	0.64
	03/13/12	4.26	21.02	184	0.28	324.2	1.51
	08/22/12	4.17	23.34	301	0.21	103.5	1.02
	03/12/13	4.15	20.02	275	0.62	89.3	0.68
	08/22/13	4.62	22.44	271	0.39	-36.1	0.59
	03/04/14	3.70	14.86	231	0.44	41.2	1.49
	08/05/14	4.38	26.47	221	0.51	141.0	0.54
MW-9S-R	0126/99	5.61	NM	3280	NM	NM	4.2
	05/09/00	5.71	NM	266	NM	NM	4.86
	11/12/01	4.33	NM	231	NM	NM	4.75
	12/23/02	4.93	NM	186.6	NM	NM	1.02
	06/18/03	5.07	NM	247	NM	NM	2.1
	08/26/09	4.35	22.81	1331	0.13	124	1.2
	09/01/10	4.32	22.51	1233	0.93	366	1.5
	03/01/11	4.45	17.92	1274	0.38	246	1.6
	08/29/11	4.53	25.37	1337	0.19	256.5	0.10
	03/13/12	4.53	18.83	1089	0.17	252.7	0.55
	08/22/12	4.14	21.84	1177	0.23	157.3	1.71
	03/12/13	4.52	18.40	1165	0.32	162.1	1.23
	08/20/13	5.60	25.56	610	0.18	-17.7	0.70
	03/05/14	4.25	16.41	1074	0.14	-35.6	0.37
	08/05/14	5.10	23.78	1168	0.29	150.3	0.78
MW-10S-R	01/26/99	4.97	NM	1290	NM	NM	7.8
	05/09/00	5.29	NM	171.4	NM	NM	3.92
	11/13/01	5.58	NM	192	NM	NM	5.5
	12/22/02	6.11	NM	640	NM	NM	1.26
	06/18/03	5.95	NM	583	NM	NM	0.2
	08/27/09	5.02	23.99	213	0.38	73	2.0
	08/31/10	5.63	25.13	214	1.00	-16	2.6
	03/01/11	6.04	14.94	214	0.89	100	1.7
	08/25/11	4.91	26.31	164	0.34	181.2	0.51
	03/14/12	6.00	18.72	293	0.18	64.2	7.46
	08/22/12	5.29	24.82	195	0.10	180.7	3.51
	03/13/13	5.33	16.76	180	0.51	105.2	4.57
	08/21/13	6.61	24.75	322	0.25	-35.5	1.80
	03/10/14	6.10	18.83	223	0.25	-14.7	4.01
	08/07/14	4.93	31.45	180	0.44	214.6	1.76
MW-10I	08/27/09	5.69	22.37	114	0.33	-31	4.8
	08/31/10	6.11	23.57	105	0.27	-121	0.7
	03/01/11	6.02	17.88	86	0.77	-29	4.0
	08/25/11	6.00	24.48	91	3.68	79.1	3.00
	03/14/12	5.72	20.73	82	0.67	55.9	1.64
	08/22/12	5.66	23.25	96	0.31	67.6	6.88
	03/13/13	5.68	19.49	80	0.87	79.7	2.17
	08/22/13	5.88	22.22	85	0.55	-136.9	1.87
	03/10/14	5.80	20.04	81	0.19	-5.8	4.12
	08/07/14	5.76	25.65	80	0.44	159.9	2.25

TABLE B-1
SUMMARY OF SITE FIELD PARAMETER MEASUREMENTS
Former Farmers Favorite Fertilizer Facility
Moultrie, Georgia

Location	Date	pH (SUs)	Temperature (˚C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (mV)	Turbidity (NTUs)
MW-11S	03/04/99	6.82	NM	829	NM	NM	61.1
	05/09/00	7.29	NM	594	NM	NM	2.79
	11/13/01	6.66	NM	452	NM	NM	595
	12/23/02	7.17	NM	520	NM	NM	13.9
	06/18/03	7.11	NM	557	NM	NM	30
	08/27/09	6.13	23.30	1338	0.60	-30	75.0
	08/31/10	6.75	24.11	1135	2.26	-99	197.0
	03/01/11	6.75	14.51	1206	7.22	-80	34.1
	08/24/11	6.58	23.55	1133	0.48	78.7	55.1
	03/13/12	6.61	20.35	1457	0.75	-26.5	1.78
	08/22/12	6.61	23.65	1774	0.93	-71.5	55.4
	03/13/13	6.56	16.15	1466	0.34	5.2	1.82
	08/21/13	7.25	24.16	811	0.25	-72.5	1.71
	03/07/14	7.16	10.06	761	2.71	-71.8	4.08
	08/11/14	6.62	24.90	1275	1.65	-94.0	42.2
MW-12S	05/09/00	3.69	NM	10110	NM	NM	3.69
	11/13/01	3.34	NM	6550	NM	NM	62.5
	12/22/02	3.53	NM	4710	NM	NM	10.53
	06/19/03	3.57	NM	5200	NM	NM	25.1
	08/25/09	3.40	23.22	8086	0.13	200	15.8
	08/25/10	3.08	23.07	2478	0.39	496	4.3
	02/23/11	3.50	22.47	7482	0.69	307	1.2
	08/26/11	3.54	23.88	8770	0.22	283.0	0.07
	03/15/12	3.39	23.30	8932	0.09	381.5	1.38
	08/23/12	3.33	22.80	8684	0.15	383.0	2.67
	03/13/13	3.27	20.95	7951	0.25	291.7	0.86
	08/20/13	3.55	23.06	8752	0.13	235.0	9.18
	03/11/14	3.18	21.90	8889	0.26	286.3	7.30
	08/07/14	3.27	23.65	9673	0.62	395.8	0.94
MW-12I	03/04/99	4.98	NM	359	NM	NM	27.8
	05/09/00	4.75	NM	312	NM	NM	2.41
	11/13/01	4.71	NM	207	NM	NM	1.9
	12/22/02	4.5	NM	302	NM	NM	1.61
	06/19/03	4.69	NM	289	NM	NM	1.09
	08/25/09	4.05	24.11	431	0.22	112	1.1
	08/25/10	4.11	24.27	417	0.90	394	13.6
	02/23/11	4.38	22.36	396	0.60	165	5.5
	08/26/11	3.83	22.33	362	1.25	220.3	1.49
	03/15/12	4.34	22.65	387	0.19	268.9	2.10
	08/23/12	4.15	22.44	375	0.18	232.2	1.75
	03/13/13	4.20	21.34	382	0.22	185.5	0.91
	08/20/13	4.60	22.97	395	0.25	155.5	2.64
	03/11/14	4.06	21.72	406	0.52	208	0.73
	08/07/14	4.15	24.32	431	0.17	276.4	3.47

TABLE B-1
SUMMARY OF SITE FIELD PARAMETER MEASUREMENTS
Former Farmers Favorite Fertilizer Facility
Moultrie, Georgia

Location	Date	pH (SUs)	Temperature (˚C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (mV)	Turbidity (NTUs)
MW-13S-R	05/09/00	7.19	NM	2410	NM	NM	3.88
	11/13/01	6.74	NM	1053	NM	NM	20.5
	12/22/02	6.73	NM	774	NM	NM	4.29
	06/18/03	6.46	NM	624	NM	NM	4
	08/26/09	5.84	22.09	588	0.12	108	5.4
	09/01/10	6.03	22.60	484	0.21	48	1.0
	03/01/11	5.84	18.62	418	0.35	100	2.4
	08/29/11	5.62	25.14	453	0.10	146.1	0.83
	03/13/12	5.87	20.37	537	0.13	143.9	0.50
	08/22/12	5.69	21.78	593	0.08	159.6	14.3
	03/13/13	5.99	17.30	566	0.34	110.6	0.95
	08/20/13	5.86	23.18	634	0.21	-59.6	0.47
	03/07/14	6.32	15.07	607	0.24	-63.8	2.50
	08/06/14	5.66	22.93	639	0.17	28.5	0.42
MW-13I	06/20/03	11.01	NM	522	NM	NM	4
	08/25/09	8.38	25.06	109	5.58	58	1.3
	08/24/10	7.71	29.40	85	6.39	127	0.6
	02/22/11	8.16	23.64	86	6.28	98	1.3
	08/23/11	7.91	26.57	85	4.84	39.4	0.47
	03/14/12	7.46	23.59	91	4.30	23.5	1.53
	08/23/12	8.16	23.76	87	5.16	158.5	2.18
	03/13/13	7.41	22.05	89	5.83	13.5	2.06
	08/20/13	6.57	24.09	133	0.17	104.0	3.40
	03/10/14	6.43	23.83	371	0.28	155	1.04
	08/05/14	6.98	25.62	121	0.62	153.0	0.36
MW-14S	05/09/00	5.25	NM	991	NM	NM	2.19
	11/13/01	4.27	NM	824	NM	NM	6.8
	12/22/02	5.32	NM	623	NM	NM	3.15
	06/18/03	4.88	NM	579	NM	NM	0.6
MW-15S	05/08/00	4	NM	749	NM	NM	1.34
	11/13/01	3.69	NM	790	NM	NM	186
	12/22/02	3.84	NM	1102	NM	NM	6.79
	06/19/03	3.87	NM	1234	NM	NM	2.9
	08/25/09	3.64	21.53	1466	0.10	358	1.1
	08/25/10	3.65	22.74	1331	1.25	355	0.4
	02/23/11	3.67	19.59	1520	0.26	382	0.5
	08/24/11	3.89	22.64	1338	0.13	297.8	0.05
	03/14/12	3.66	20.15	1595	0.06	283.9	0.28
	08/23/12	3.57	21.87	1608	0.34	322.7	0.73
	03/13/13	3.55	19.44	1569	0.22	284.0	0.32
	08/27/13	3.62	22.21	1683	0.26	341.1	0.58
	03/11/14	3.68	18.82	1570	0.12	362.5	2.00
	08/07/14	3.44	22.61	1768	0.09	368.9	0.52

TABLE B-1
SUMMARY OF SITE FIELD PARAMETER MEASUREMENTS
Former Farmers Favorite Fertilizer Facility
Moultrie, Georgia

Location	Date	pH (SUs)	Temperature (˚C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (mV)	Turbidity (NTUs)
	08/07/00	4.13	NM	1092	NM	NM	1.53
	11/13/01	3.47	NM	3080	NM	NM	1.3
MW-16S	12/22/02	3.88	NM	1374	NM	NM	0.41
	06/20/03	3.74	NM	2150	NM	NM	0.27
	08/08/00	4.47	NM	OR	NM	NM	4.5
	11/13/01	5.05	NM	OR	NM	NM	2.66
MW-17S	12/22/02	5.07	NM	86373	NM	NM	12.7
	06/19/03	5.33	NM	OR	NM	NM	2.9
	08/08/00	4.28	NM	285	NM	NM	2.01
	11/14/01	4.21	NM	300	NM	NM	2.9
	12/22/02	4.5	NM	273	NM	NM	2.69
	06/19/03	4.57	NM	400	NM	NM	1.9
	08/31/09	4.56	23.45	418	0.30	-42	1.5
	08/26/10	4.59	23.17	537	0.36	203	2.1
	02/24/11	4.91	16.05	703	0.59	235	1.4
MW-18S	08/29/11	5.45	24.42	503	0.12	44.2	0.45
	03/16/12	4.85	19.19	762	0.08	77.2	0.54
	08/23/12	5.01	22.98	456	0.30	107.9	1.80
	03/14/13	4.70	18.38	653	0.20	129.8	0.36
	08/28/13	5.19	23.39	473	0.17	84.5	4.11
	03/07/14	4.97	16.47	722	0.22	111	1.04
	08/05/14	4.97	23.46	532	0.18	105.2	0.52
	08/08/00	4.25	NM	13960	NM	NM	4.27
	11/13/01	3.55	NM	11730	NM	NM	108
	12/22/02	3.99	NM	9494	NM	NM	2.72
	06/19/03	4.35	NM	9280	NM	NM	4.6
	08/31/09	5.56	24.14	4958	0.94	85	0.9
	08/25/10	4.71	25.22	4942	1.68	213	8.2
	02/23/11	5.10	16.10	4567	2.11	210	6.3
MW-19S	08/30/11	4.92	25.42	4271	0.31	178.7	0.35
	03/15/12	5.15	18.73	1912	0.30	171.8	0.88
	08/25/12	4.93	25.28	2839	1.10	198.1	5.46
	03/14/13	4.97	16.73	2398	0.23	106.1	0.55
	08/29/13	4.34	25.24	3967	0.24	189.9	3.02
	03/05/14	5.43	15.06	2154	0.22	213	0.84
	08/05/14	4.80	24.66	2552	0.22	162.2	0.71
	08/08/00	6.09	NM	205	NM	NM	12
	11/13/01	5.44	NM	198.2	NM	NM	59.8
	12/21/02	5.56	NM	174.1	NM	NM	14.6
	06/19/03	6.28	NM	297	NM	NM	89
	08/28/09	6.21	26.50	352	0.24	-17.7	0.2
	08/25/10	6.41	27.66	288	0.89	-52	33.7
	02/23/11	6.48	15.69	331	3.47	-79	1.9
MW-20S	08/30/11	6.40	27.47	345	0.13	-107.2	2.34
	03/15/12	6.54	18.18	285	0.06	-33.0	1.15
	08/25/12	6.38	25.43	290	0.15	-67.2	2.65
	03/14/13	6.29	15.24	347	0.23	2.2	0.70
	08/28/13	6.31	26.41	356	0.09	-56.9	2.19
	03/05/14	6.28	13.46	330	0.27	-37.0	3.98
	08/06/14	6.43	25.44	355	0.42	-52.7	3.90

TABLE B-1
SUMMARY OF SITE FIELD PARAMETER MEASUREMENTS
Former Farmers Favorite Fertilizer Facility
Moultrie, Georgia

Location	Date	pH (SUs)	Temperature (˚C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (mV)	Turbidity (NTUs)
MW-21S	12/23/02	6.16	NM	4937	NM	NM	68.4
	06/20/03	5.86	NM	5410	NM	NM	600
	08/28/09	5.89	22.49	6055	0.26	134	60.4
	08/24/10	5.46	24.04	4892	1.31	175	8.4
	02/23/11	6.39	19.52	4748	0.40	195	4.8
	08/26/11	6.65	29.07	4228	0.29	145.6	1.05
	03/16/12	6.46	22.36	4448	2.65	109.2	1.31
	08/21/12	6.38	22.18	4309	0.48	206.2	2.67
	03/18/13	6.33	20.07	3965	0.51	159.3	6.31
	08/27/13	6.51	22.29	4266	1.04	31.2	6.11
	03/11/14	6.72	19.44	3427	0.64	220	6.55
	08/05/14	6.74	25.12	3223	0.23	-71.3	1.63
MW-22S	12/22/02	5.23	NM	693	NM	NM	1.53
	06/20/03	5.09	NM	182	NM	NM	0
	08/31/09	5.06	22.71	289	0.19	-58	9.5
	08/26/10	5.71	24.84	376	0.32	34	1.7
	02/24/11	6.47	16.81	750	0.47	-2	4.5
	08/30/11	6.18	28.34	678	0.39	34.7	1.15
	03/16/12	6.55	19.80	856	0.80	121.6	2.44
	08/24/12	5.53	25.77	292	0.28	72.9	2.77
	03/19/13	6.27	18.01	475	0.40	41.4	1.42
	08/28/13	6.45	26.31	294	0.51	10.1	5.32
	03/07/14	6.54	15.20	637	1.14	41	1.83
	08/05/14	5.28	24.58	175	2.04	111.3	2.51
MW-23S	12/23/02	4.8	NM	194	NM	NM	4.7
	06/20/03	4.98	NM	130	NM	NM	4
	08/31/09	4.49	22.50	175	2.22	188	1.2
	08/26/10	4.51	25.91	150	2.10	305	0.8
	02/24/11	4.89	22.01	180	6.45	272	1.5
	08/31/11	4.59	23.76	153	2.29	160.2	0.40
	03/16/12	5.27	23.87	179	2.79	143.0	3.42
	08/26/12	4.75	22.82	197	3.15	264.0	0.45
	03/19/13	4.77	21.42	152	2.51	204.4	0.48
	08/23/13	5.00	22.12	131	1.63	224.5	4.15
	03/04/14	4.51	20.42	138	2.12	217.0	0.69
	08/06/14	4.64	22.91	138	1.17	190.0	1.71
MW-24S	12/21/02	4.82	NM	94	NM	NM	4.07
	06/19/03	4.73	NM	98.2	NM	NM	0.68
	09/01/09	4.09	22.51	83	4.70	224	0.7
	08/27/10	4.49	23.40	78	4.84	361	3.2
	02/28/11	4.74	22.78	84	5.61	57	1.9
	08/26/11	4.87	28.00	86	3.66	135.7	0.13
	03/19/12	4.66	23.42	85	4.06	259.7	0.75
	08/25/12	4.15	22.51	88	4.20	147.8	0.92
	03/19/13	4.76	22.27	93	4.43	209.5	1.85
	08/21/13	5.61	23.77	93	4.35	146.6	3.87
	03/05/14	4.32	20.30	106	3.39	189	1.15
	08/11/14	4.70	23.19	85	3.45	209.3	0.42

TABLE B-1
SUMMARY OF SITE FIELD PARAMETER MEASUREMENTS
Former Farmers Favorite Fertilizer Facility
Moultrie, Georgia

Location	Date	pH (SUs)	Temperature (˚C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (mV)	Turbidity (NTUs)
MW-25S	12/21/02	4.69	NM	691	NM	NM	2.32
	06/19/03	4.93	NM	175	NM	NM	3.4
	09/01/09	4.92	25.28	156	0.92	-27	11.2
	08/25/10	4.62	25.42	128	2.94	186	7.0
	02/28/11	5.76	19.92	174	1.78	-29	5.5
	08/31/11	5.97	27.52	245	0.15	-3.9	2.92
	03/16/12	5.37	21.83	440	0.23	60.8	2.00
	08/24/12	5.35	25.75	205	1.03	81.3	1.91
	03/20/13	4.81	18.58	861	2.51	116.6	0.83
	08/27/13	4.88	26.25	211	0.57	154.1	5.87
	03/04/14	4.87	16.72	283	2.34	211	1.56
	08/07/14	5.34	24.74	147	1.62	65.2	0.98
MW-26S	12/21/02	4.82	NM	123.4	NM	NM	4.63
	06/19/03	4.69	NM	124	NM	NM	3.1
	08/28/09	3.88	25.12	99	1.69	124	7.7
	08/25/10	4.12	24.54	92	3.25	321	6.3
	02/28/11	4.63	21.83	101	3.43	113	1.5
	08/30/11	4.42	24.80	87	0.71	104.1	0.31
	03/15/12	5.14	22.56	120	2.12	79.1	0.12
	08/25/12	4.27	24.35	113	1.52	198.1	0.29
	03/14/13	5.11	21.40	145	2.68	85.7	0.39
	08/28/13	6.26	23.91	173	2.79	179.7	5.79
	03/05/14	5.21	17.69	106	2.66	61	0.53
	8/6/2014`	4.59	23.58	88	2.19	367.0	0.70
MW-27S-R	12/22/02	6.37	NM	133.4	NM	NM	4.7
	06/18/03	5.27	NM	133.6	NM	NM	4.5
	08/26/09	5.99	23.70	518	0.25	-15	3.6
	09/01/10	6.43	25.94	749	0.25	-97.5	5.2
	03/01/11	6.26	17.11	1214	1.62	-45	5.1
	08/29/11	6.19	27.01	749	0.21	-25.2	1.24
	03/13/12	6.08	18.18	996	0.12	-13.3	3.87
	08/22/12	6.11	25.18	1155	0.19	-50.3	3.92
	03/13/13	6.37	15.98	735	0.34	-71.8	2.39
	08/20/13	6.50	26.33	843	0.13	-114.6	2.08
	03/07/14	6.67	13.22	582	0.12	-158.5	6.61
	08/06/14	6.38	24.52	786	0.27	-75.6	1.29
MW-28S	12/22/02	4.32	NM	1588	NM	NM	2.45
	06/20/03	4.06	NM	2400	NM	NM	0.92
	08/25/09	5.77	26.85	1076	0.28	98	5.6
	08/24/10	4.18	26.21	1647	0.50	246	2.1
	02/22/11	4.43	22.72	1762	0.40	194	2.1
	08/23/11	5.00	28.74	1630	0.50	72.4	4.45
	03/14/12	4.69	25.58	1606	0.06	65.8	3.95
	08/21/12	4.64	27.45	1721	0.07	109.3	3.69
	03/14/13	5.16	24.04	1293	0.15	90.7	38.7
	08/27/13	5.25	26.90	1594	0.62	5.0	3.64
	03/11/14	4.82	23.08	1775	0.31	27.5	15.20
	08/11/14	4.14	27.01	1309	0.12	263.8	4.34

TABLE B-1
SUMMARY OF SITE FIELD PARAMETER MEASUREMENTS
Former Farmers Favorite Fertilizer Facility
Moultrie, Georgia

Location	Date	pH (SUs)	Temperature (˚C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (mV)	Turbidity (NTUs)
MW-29S	03/20/03	4.06	NM	2550	NM	NM	0
	08/25/09	3.63	25.65	2366	0.43	158	0.4
	08/24/10	3.30	26.53	2264	0.45	357	0.6
	02/22/11	3.65	21.30	2470	0.45	378	0.2
	08/24/11	3.75	23.08	2155	5.06	164.4	0.18
	03/14/12	3.71	22.16	2309	0.18	382.0	0.47
	08/21/12	3.54	22.71	2109	0.29	164.9	0.29
	03/14/13	3.64	20.86	1723	0.18	137.5	0.45
	08/28/13	4.64	29.17	1302	0.20	39.2	3.07
	03/12/14	4.04	20.06	1414	0.18	102.4	1.67
	08/12/14	3.91	26.53	1560	0.18	230.7	0.61
MW-30S	06/20/03	5.46	NM	550	NM	NM	14.5
	08/25/09	3.90	23.29	662	1.13	112	2.4
	08/24/10	3.70	23.88	613	1.50	268	1.1
	02/22/11	4.23	22.63	614	1.80	199	0.2
	08/23/11	4.36	25.87	457	1.17	107.7	0.18
	03/14/12	4.08	22.03	570	1.20	216.4	0.14
	08/21/12	4.02	23.59	527	1.19	124.0	2.80
	03/15/13	4.14	22.05	535	1.43	254.0	0.33
	08/22/13	4.43	25.22	645	3.46	115.9	0.58
	03/12/14	7.65	21.67	474	1.38	177.2	0.92
	08/08/14	4.04	23.44	496	1.02	296.6	0.12
MW-31S	06/20/03	5.38	NM	150	NM	NM	>1000
	08/25/09	4.63	29.01	151	3.16	121	116.0
	08/24/10	5.21	28.87	79	7.09	170	>1000
	02/22/11	5.13	24.58	85	6.50	224	577
	08/24/11	4.83	26.68	74	5.52	133.8	95.5
	03/15/12	4.82	25.00	108	4.49	246.4	21.0
	08/24/12	4.71	26.16	112	5.85	251.0	7.92
	03/20/13	4.74	21.70	73	5.81	195.6	89.4
	08/28/13	4.77	27.46	151	3.56	13.6	5.56
	03/12/14	4.98	21.49	78	5.53	80.0	12.3
	08/13/14	4.99	27.98	42	4.68	168.6	189.0
MW-32S-R	06/20/03	3.75	NM	8370	NM	NM	0.66
	08/24/10	4.34	29.93	6539	1.40	189	1.2
	02/23/11	5.37	19.10	9306	0.29	231	1.3
	08/26/11	5.23	31.47	9700	0.21	227.0	1.52
	03/20/12	4.12	21.59	7867	0.37	237.4	2.97
	08/21/12	4.84	26.62	7377	0.28	202.7	9.8
	03/18/13	5.39	19.96	6297	0.59	189.5	2.61
	08/20/13	6.08	26.86	2101	0.20	161.4	4.84
	03/11/14	5.00	18.60	4998	0.19	247.9	4.36
	08/05/14	6.06	27.32	13907	0.25	131.4	7.69
MW-32-I	08/24/10	4.06	28.92	3238	0.96	211	95.4
	02/22/11	4.39	23.79	3581	0.68	259	8.3
	08/26/11	4.38	27.79	3466	0.30	203.9	4.72
	03/20/12	3.81	23.51	2810	0.28	404.4	0.62
	08/21/12	3.63	23.87	2979	0.07	198.5	2.28
	03/18/13	3.65	22.93	2905	0.17	162.6	1.26
	08/20/13	3.92	23.47	2963	0.18	231.8	2.47
	03/11/14	3.64	22.85	3130	0.19	240.0	0.73
	08/05/14	3.63	24.53	2972	0.43	332.1	0.23

TABLE B-1
SUMMARY OF SITE FIELD PARAMETER MEASUREMENTS
Former Farmers Favorite Fertilizer Facility
Moultrie, Georgia

Location	Date	pH (SUs)	Temperature (˚C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (mV)	Turbidity (NTUs)
MW-33S	06/19/03	6.38	NM	200	NM	NM	3
	09/01/09	5.10	21.54	50	5.88	164	9.8
	08/30/10	5.06	22.62	55	4.42	171	3.9
	02/28/11	5.28	20.61	95	6.66	62	8.8
	03/16/12	4.57	19.98	258	4.31	134.8	0.98
	08/24/12	4.70	21.35	70	6.13	109.6	1.25
	03/20/13	5.07	19.47	125	5.07	111.4	1.25
	08/27/13	5.02	21.27	113	4.21	159.4	4.45
	03/05/14	4.87	17.28	162	4.15	128	1.16
	08/07/14	5.64	21.60	78	5.20	122.6	2.41
MW-34S	06/19/03	6.01	NM	>9000	NM	NM	0
	08/31/09	5.82	26.35	44634	2.36	176	4.8
	08/25/10	6.51	27.37	36335	7.69	201	1.4
	02/23/11	5.60	16.33	26898	0.62	226	3.6
	08/31/11	4.21	25.97	33619	0.45	205.9	3.63
	03/15/12	3.63	18.78	19762	0.34	256.8	0.92
	08/25/12	5.08	27.12	32944	0.12	224	2.36
	03/14/13	5.82	16.80	24572	0.31	222.7	0.58
	08/21/13	6.01	25.71	15079	0.14	182.2	3.75
	03/05/14	6.07	15.50	20272	0.21	240	1.27
	08/07/14	6.08	26.07	27592	0.93	142.3	5.26
MW-34I	08/25/10	6.26	28.50	91	4.24	105	27.4
	02/23/11	6.14	20.41	107	4.49	196	106
	08/30/11	6.04	25.22	99	1.06	75.1	34.0
	03/15/12	6.25	21.58	91	2.38	85.2	130
	08/25/12	5.97	23.89	84	3.86	99.7	280
	03/14/13	5.93	20.05	83	3.60	62.1	360
	08/21/13	5.95	22.65	81	3.46	98.1	336
	03/05/14	5.92	16.99	94	2.43	133	266
	08/07/14	5.98	26.72	87	2.01	79.1	40.0
MW-35S	08/25/09	3.91	26.47	779	0.53	102	6.6
	08/24/10	3.68	27.21	666	0.62	278	2.3
	02/22/11	4.06	25.07	701	0.71	186	0.9
	08/23/11	4.16	28.99	587	0.28	104.1	0.33
	03/14/12	4.01	25.79	611	0.23	404.9	1.10
	08/21/12	3.84	27.41	577	0.13	128.6	0.44
	03/13/13	3.91	23.89	651	0.39	278.6	0.53
	08/27/13	4.04	27.34	660	0.25	90.4	0.54
	03/11/14	4.21	23.55	499	0.38	70.3	4.07
	08/11/14	4.10	27.42	496	0.25	434.3	4.88
MW-36S	08/26/09	3.66	23.44	1239	0.16	311	2.9
	09/01/10	3.78	24.21	1287	0.20	438	5.6
	03/01/11	4.55	17.60	824	1.91	155	2.4
	08/29/11	3.80	26.77	1470	0.15	384.1	0.11
	03/13/12	6.35	19.47	345	2.51	54.3	0.65
	08/22/12	4.02	23.41	880	0.21	-149	5.04
	03/12/13	5.68	17.73	441	0.50	114.7	9.28
	08/20/13	5.85	25.49	255	0.25	-48.6	9.3
	03/07/14	6.68	13.47	200	2.84	-38.2	7.60
	08/06/14	3.88	23.82	1781	0.23	210.1	0.74

TABLE B-1
SUMMARY OF SITE FIELD PARAMETER MEASUREMENTS
Former Farmers Favorite Fertilizer Facility
Moultrie, Georgia

Location	Date	pH (SUs)	Temperature (˚C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (mV)	Turbidity (NTUs)
MW-37S	08/26/09	6.70	22.14	959	0.08	-103	3.6
	09/01/10	6.76	22.64	922	0.44	-126	3.3
	03/01/11	6.82	18.33	963	0.31	-120	8.0
	08/29/11	6.74	26.68	1033	0.08	-112.6	0.90
	03/13/12	6.82	19.52	868	0.06	-113.3	1.09
	08/22/12	6.75	23.30	964	0.05	-110.9	6.36
	03/13/13	6.81	18.08	862	0.31	-115.9	1.82
	08/20/13	6.63	23.50	962	0.26	-122.7	0.67
	03/05/14	6.11	16.25	913	0.10	-156.2	0.90
	08/05/14	6.78	24.26	967	0.11	-142.5	0.57
MW-38S	08/26/09	5.37	23.35	164	0.41	82	1.7
	09/01/10	5.73	24.23	178	1.49	105	0.4
	03/01/11	5.92	15.06	165	2.13	36	3.6
	08/24/11	4.86	25.79	106	0.75	103.8	0.05
	03/14/12	6.11	18.90	320	0.07	-94.9	0.75
	08/22/12	5.85	24.03	215	0.31	5.8	3.07
	03/13/13	6.26	16.34	274	0.16	20.8	2.82
	08/21/13	6.12	23.91	283	0.21	-86.4	0.95
	03/07/14	6.25	13.61	201	0.80	-100.4	3.84
	08/08/14	5.82	25.34	177	0.85	-11.0	3.09
MW-39S	08/27/09	4.41	23.90	302	0.09	116	2.5
	08/31/10	4.54	24.55	3	0.50	208	0.4
	03/02/11	4.55	19.67	368	0.25	261	2.0
	08/25/11	4.25	29.32	408	0.16	234.0	0.09
	03/14/12	4.32	21.34	592	0.10	220.8	0.68
	08/23/12	4.28	24.56	573	0.30	263.5	2.67
	03/13/13	4.32	20.46	503	0.33	184.0	0.82
	08/21/13	4.21	24.38	442	0.32	53.2	2.37
	03/11/14	4.59	18.85	380	0.20	34.7	1.79
	08/06/14	4.50	25.38	320	0.24	214.3	0.39
MW-40S	08/24/10	5.30	28.21	102	3.27	134	10.3
	02/22/11	5.60	25.31	84	2.96	192	9.1
	08/29/11	5.22	28.89	78	0.77	161.2	19.9
	03/15/12	5.39	26.41	67	1.90	136.0	8.9
	08/23/12	5.23	25.51	58	2.08	222.6	8.82
	03/15/13	5.27	24.14	48	2.57	222.7	9.89
	08/20/13	5.56	25.85	79	1.43	99.9	6.40
	03/11/14	5.25	24.04	58	1.70	145	9.12
	08/12/14	5.34	27.20	44	2.07	170.3	25.8
MW-41S	08/24/10	3.51	24.88	2833	0.28	347	0.9
	02/23/11	3.71	21.41	3148	0.90	260	0.5
	08/29/11	3.61	27.53	2578	0.07	268.8	0.21
	03/15/12	3.70	23.73	2835	0.04	331.7	0.58
	08/23/12	3.72	24.91	2413	0.06	301.7	0.26
	03/18/13	3.60	23.85	2625	0.21	172.5	0.38
	08/27/13	4.28	24.35	2391	0.12	180.6	3.97
	03/11/14	3.54	23.15	2234	0.17	267	0.43
	08/07/14	3.69	24.48	1910	0.07	383.0	0.49

TABLE B-1
SUMMARY OF SITE FIELD PARAMETER MEASUREMENTS
Former Farmers Favorite Fertilizer Facility
Moultrie, Georgia

Location	Date	pH (SUs)	Temperature (˚C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (mV)	Turbidity (NTUs)
MW-42S	08/26/10	5.62	23.50	5380	0.39	43	29.6
	02/24/11	5.94	15.81	6602	0.24	221	18.1
	08/30/11	5.91	24.46	4764	0.09	166.4	109.8
	03/16/12	5.58	19.43	7649	0.23	171.4	42.0
	08/24/12	5.36	23.84	8609	0.09	172.6	120
	03/14/13	5.69	17.35	6918	0.19	220.3	8.16
	08/29/13	5.02	23.15	5937	0.40	195.1	21.7
	03/04/14	4.85	16.42	3282	0.17	217	129
	08/05/14	5.52	24.30	3575	0.15	87.8	2.88
MW-43S	08/26/10	5.30	26.24	1818	0.40	191	1.4
	02/24/11	5.61	15.07	1870	0.56	183	0.7
	08/30/11	5.24	26.21	1705	0.13	146.3	0.40
	03/15/12	5.53	18.26	1632	0.15	128.0	0.88
	08/24/12	5.75	26.43	1992	0.22	154.2	0.53
	03/14/13	5.41	15.74	1815	0.33	148.8	0.61
	08/22/13	5.64	27.07	1585	0.10	68.8	3.55
	03/07/14	5.83	14.38	12.99	0.87	113	0.61
	08/08/14	5.77	26.06	1370	0.21	83.1	0.71
MW-44S	08/26/10	5.98	24.87	581	0.24	14	44.0
	02/24/11	6.20	18.42	830	0.20	33	25.7
	08/30/11	6.04	26.81	809	0.11	11.5	1.41
	03/16/12	6.42	21.25	1056	0.26	-15.0	9.63
	08/24/12	5.98	25.38	990	0.53	35.5	8.5
	03/19/13	6.30	18.85	996	0.45	68.2	3.47
	08/28/13	6.49	27.14	574	0.97	83.8	9.11
	03/07/14	6.62	16.56	907	0.61	36	3.07
	08/05/14	6.01	23.28	796	0.16	48.1	3.12
MW-45S	08/31/11	6.70	26.45	9158	2.77	95.2	8.10
	03/19/12	6.99	18.19	9454	0.27	-142.9	1.71
	08/25/12	7.07	23.53	9945	0.02	-108.5	6.00
	03/20/13	7.00	17.00	9904	0.23	-85.6	2.80
	08/22/13	7.31	24.32	9325	0.06	-161.3	6.69
	03/10/14	7.30	17.89	8342	0.19	-147	1.50
	08/11/14	6.92	26.23	8264	0.07	-153.3	3.14
MW-46S	08/25/10	3.87	28.88	432	0.76	306.1	2.6
	02/25/11	4.04	18.45	496	0.70	261.4	2.2
	08/31/11	4.30	30.10	413	0.13	115.7	1.23
	03/16/12	3.84	21.09	543	0.77	152.8	0.31
	08/25/12	3.99	26.43	446	0.25	198.2	0.36
	03/20/13	3.91	20.08	460	0.27	224.0	1.92
	08/28/13	4.84	26.32	297	0.95	282.3	5.28
	03/04/14	3.84	17.70	397	1.67	299.0	0.57
	08/06/14	4.04	21.99	449	0.33	420.3	1.17
MW-47S	09/01/10	5.32	24.67	44	4.89	222	2.7
	02/24/11	5.60	21.59	47	5.37	234	2.5
	08/31/11	5.31	23.41	45	3.85	129.1	1.45
	03/16/12	5.17	21.30	51	4.30	206.1	1.54
	08/25/12	5.01	22.01	61	4.38	124.8	1.53
	03/19/13	5.34	20.95	53	4.63	157.6	1.67
	08/22/13	5.43	21.49	49	4.51	62.9	7.16
	03/04/14	5.07	19.50	50	4.20	197	1.87
	08/06/14	4.04	27.99	449	0.33	420.3	1.17
	08/07/14	5.49	22.39	52	4.57	117.8	1.51

TABLE B-1
SUMMARY OF SITE FIELD PARAMETER MEASUREMENTS
Former Farmers Favorite Fertilizer Facility
Moultrie, Georgia

Location	Date	pH (SUs)	Temperature (˚C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (mV)	Turbidity (NTUs)
MW-48S	05/10/12	4.85	22.20	301.5	0.45	218.9	0.42
	08/21/12	3.96	21.23	851	0.13	107.7	0.61
	03/15/13	3.89	20.64	1161	0.41	257.5	0.45
	08/29/13	3.96	21.27	1110	0.18	44.6	0.37
	03/12/14	3.96	19.46	1081	0.12	110.9	1.75
	08/13/14	3.95	22.49	620	0.10	557.7	0.59
MW-49S	05/10/12	5.91	27.70	117.9	2.37	151.3	119
	08/24/12	5.25	26.32	71	3.48	125.5	144
	03/20/13	5.27	21.95	41	3.51	176.6	296
	08/20/13	5.57	27.72	51	3.64	130.8	99.9
	03/11/14	5.29	24.19	46	2.21	151	201
	08/06/14	5.12	28.89	32	3.02	202.2	333
FFFW-1-R	1/6-7/87	6.3	NM	NA	NM	NM	NA
	05/10/00	6.64	NM	535	NM	NM	362
	11/14/01	6.35	NM	448	NM	NM	58
	12/21/02	6.83	NM	294	NM	NM	57.3
	06/20/03	5.81	NM	539	NM	NM	210
	09/01/09	6.43	22.04	452	5.92	6	49.6
	08/30/11	6.19	27.64	546	0.61	35.3	1.07
	03/19/12	6.23	18.47	534	0.42	5.2	1.64
	08/24/12	6.32	25.96	532	0.11	35.8	0.75
	03/19/13	6.46	16.42	476	1.83	75.2	0.88
	08/29/13	6.37	25.47	490	0.17	61.6	2.07
	03/07/14	6.62	13.82	273	5.08	59	6.47
	08/12/14	6.01	30.28	274	2.19	31.0	7.07
FFFW-2-R	1/6-7/87	4.1	NM	NA	NM	NM	NA
	05/10/00	3.75	NM	14210	NM	NM	36.2
	11/14/01	3.98	NM	5600	NM	NM	66.8
	12/22/02	3.53	NM	26284	NM	NM	>1000
	06/20/03	3.62	NM	OR	NM	NM	600
	09/01/09	4.36	22.05	2041	0.15	199	19.0
	08/27/10	3.95	21.44	3640	0.57	448	2.0
	02/28/11	4.08	23.07	4462	0.72	235	0.7
	08/31/11	4.13	22.22	1464	0.50	178.0	0.47
	03/19/12	4.05	21.54	3995	0.57	228.4	1.24
	08/26/12	3.78	22.44	4520	0.35	358.4	1.32
	03/19/13	3.92	21.56	4944	0.40	247.0	0.98
	08/23/13	3.96	21.36	4971	0.34	475.1	4.56
	03/10/14	4.09	22.97	4259	0.22	167	1.09
	08/12/14	4.06	25.45	2769	0.21	288.6	1.03

TABLE B-1
SUMMARY OF SITE FIELD PARAMETER MEASUREMENTS
Former Farmers Favorite Fertilizer Facility
Moultrie, Georgia

Location	Date	pH (SUs)	Temperature (˚C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (mV)	Turbidity (NTUs)
FFFW-2I	08/27/10	6.58	22.39	283	2.16	362	1.1
	02/28/11	6.45	23.29	245	5.34	128	5.1
	08/31/11	5.94	22.23	214	3.43	113.8	1.87
	03/19/12	5.55	22.02	330	1.38	109.0	0.78
	08/26/12	5.43	22.18	313	1.37	170.9	1.38
	03/19/13	5.43	21.60	352	1.43	111.0	1.65
	08/23/13	5.42	21.52	363	1.47	97.1	4.59
	03/10/14	5.33	23.47	363	0.80	66	0.75
	08/12/14	5.19	24.02	349	1.35	148.8	5.15
FFFW-3-R	1/6-7/87	6	NM	NA	NM	NM	NA
	05/10/00	4.73	NM	2730	NM	NM	12.9
	11/14/01	4.69	NM	4200	NM	NM	2.67
	12/22/02	4.53	NM	3320	NM	NM	>1000
	06/19/03	4.4	NM	2880	NM	NM	54
	08/31/09	4.65	25.12	2207	0.60	92	12.9
	08/29/11	5.69	27.81	2431	0.56	218.4	24.2
	03/15/12	5.81	19.47	2009	0.34	86.5	46.2
	08/24/12	5.43	25.63	2069	0.44	141.8	4.26
	03/14/13	5.24	15.16	2148	2.25	168.1	0.71
	08/22/13	5.62	26.80	1932	0.08	71.5	3.47
	03/07/14	5.35	14.28	2084	1.26	138	0.41
	08/08/14	5.52	25.34	2174	1.64	111.9	0.99
FFFW-4-R	1/6-7/87	5.8	NM	NA	NM	NM	NA
	05/10/00	5.59	NM	244	NM	NM	18.4
	11/14/01	6.22	NM	52.4	NM	NM	479
	12/23/02	6.27	NM	37	NM	NM	>1000
	06/20/03	7.26	NM	30	NM	NM	350
	09/01/09	4.98	21.05	56	2.54	178	>1000
	08/30/11	5.77	23.80	10249	3.40	147.9	50.6
	03/19/12	5.86	20.69	2553	0.31	65.7	62.9
	08/25/12	5.67	25.86	2323	0.19	163.4	182
	03/20/13	5.63	17.25	1729	0.34	223.3	77.0
	08/22/13	6.32	26.15	459	0.63	19.2	223
	03/10/14	6.00	19.61	378	0.34	58	142
	08/11/14	5.38	22.38	2682	0.37	101.1	49.8
MW-TP1S	08/07/00	4.45	NM	310	NM	NM	3.26
	11/14/01	4.68	NM	215	NM	NM	1.59
	12/20/02	4.26	NM	349	NM	NM	1.92
	06/19/03	4.97	NM	381	NM	NM	3.7
	09/01/09	4.20	21.54	254	3.06	176	1.8
	08/30/10	4.55	25.22	225	4.38	181	0.3
	02/28/11	4.60	20.41	203	3.56	130	0.8
	08/26/11	4.68	21.74	183	3.59	155.7	4.70
	03/19/12	4.56	19.66	188	3.65	171.3	0.25
	08/25/12	4.31	21.60	194	3.39	157.6	0.43
	03/19/13	4.43	19.25	241	3.03	173.4	0.74
	08/21/13	5.58	22.06	253	2.47	131.1	4.80
	03/11/14	4.35	18.51	251	2.77	157.1	0.49
	08/13/14	4.59	24.26	245	2.42	241.1	0.98

TABLE B-1
SUMMARY OF SITE FIELD PARAMETER MEASUREMENTS
Former Farmers Favorite Fertilizer Facility
Moultrie, Georgia

Location	Date	pH (SUs)	Temperature (˚C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (mV)	Turbidity (NTUs)
MW-TP1I	08/08/00	6.95	NM	159.2	NM	NM	148
	11/14/01	6.06	NM	46.5	NM	NM	19.3
	12/20/02	6.32	NM	57	NM	NM	18.8
	06/19/03	4.47	NM	11.6	NM	NM	120
	09/01/09	5.68	21.51	50	5.94	128	19.7
	08/30/10	6.04	24.18	48	4.12	128	1.1
	02/28/11	6.23	20.89	50	6.90	102	7.3
	08/26/11	5.41	23.19	48	5.04	135.7	3.01
	03/19/12	6.06	20.66	50	5.44	149.9	9.79
	08/25/12	5.93	21.00	56	5.77	82.5	9.4
	03/19/13	5.94	20.14	50	6.25	113.5	6.45
	08/21/13	6.15	22.05	49	5.31	108.2	6.11
	03/11/14	5.87	18.88	60	5.19	120.0	5.57
	08/13/14	6.20	21.15	51	5.79	153.1	1.52
MW-TP2S	08/07/00	4.35	NM	555	NM	NM	4.81
	11/14/01	4.54	NM	420	NM	NM	180
	12/21/02	4.55	NM	543	NM	NM	14.9
	06/19/03	4.9	NM	437	NM	NM	85
	09/01/09	4.81	23.27	369	0.33	81.5	11.7
	08/26/10	4.81	24.69	398	1.82	287	6.6
	02/28/11	5.42	17.30	480	0.83	79	5.0
	08/31/11	5.10	25.02	414	0.19	88.4	3.05
	03/16/12	5.56	18.46	431	0.65	-688.8	4.16
	08/24/12	5.02	24.34	484	0.26	115.1	8.66
	03/20/13	5.42	17.00	252	0.50	121.1	13.8
	08/27/13	5.94	24.69	169	0.07	34.3	19.2
	03/05/14	5.32	15.78	266	0.58	118	5.97
	08/07/14	5.37	28.66	334	0.42	96.7	7.44
MW-TP3S	08/07/00	4.29	NM	339	NM	NM	2.41
	11/14/01	4.77	NM	221	NM	NM	2.45
	12/20/02	4.81	NM	243	NM	NM	1.45
	06/19/03	5	NM	293	NM	NM	4.5
	09/01/09	4.43	22.08	212	1.18	296	5.6
	08/26/10	4.48	22.42	186	1.42	328	1.4
	02/28/11	5.03	19.35	214	0.87	33	2.9
	08/31/11	5.06	22.79	167	1.52	80.1	0.66
	03/16/12	4.80	19.78	215	1.31	-665.7	0.80
	08/25/12	4.69	21.99	215	1.32	219.3	0.66
	03/20/13	4.66	18.69	210	1.28	90.6	0.78
	08/27/13	5.26	21.53	199	0.47	123.7	4.83
	03/04/14	4.49	17.14	206	0.32	214	0.43
	08/06/14	4.86	21.00	182	0.71	170.9	0.99
MW-TP4S	08/07/00	4.7	NM	128.9	NM	NM	4.88
	11/14/01	4.92	NM	86.5	NM	NM	2.9
	12/20/02	4.94	NM	131.2	NM	NM	18.3
	06/20/03	4.78	NM	116	NM	NM	0.93
	09/01/09	4.18	22.00	107	3.78	194	7.9
	08/27/10	4.28	22.08	101	4.45	357	5.4
	02/28/11	4.80	22.33	110	4.64	100	1.6
	08/26/11	4.49	24.98	110	3.38	164.3	0.24
	03/19/12	4.75	23.08	114	3.73	128.4	0.59
	08/25/12	4.63	22.17	109	3.93	218.0	1.66
	03/19/13	4.66	21.59	142	4.35	209.7	0.74
	08/21/13	5.11	23.30	115	3.37	163.2	3.17
	03/05/14	4.51	20.16	124	3.82	171	2.02
	08/08/14	4.75	22.15	116	3.29	250.1	1.90

TABLE B-1
SUMMARY OF SITE FIELD PARAMETER MEASUREMENTS
Former Farmers Favorite Fertilizer Facility
Moultrie, Georgia

Location	Date	pH (SUs)	Temperature (˚C)	Conductivity (mS/cm)	Dissolved Oxygen (O_2) (mg/L)	Oxidation Reduction Potential (mV)	Turbidity (NTUs)
MW-TP5S	08/07/00	3.9	NM	8380	NM	NM	3.02
	11/14/01	3.21	NM	15490	NM	NM	2.3
	12/20/02	3.19	NM	10080	NM	NM	3.11
	06/20/03	5.65	NM	740	NM	NM	4.5
	08/31/09	3.31	21.72	15532	0.20	381	2.2
	08/30/10	3.85	23.10	16735	2.02	354	4.3
	02/24/11	3.34	21.53	16894	0.45	354	1.3
	08/31/11	3.33	24.15	15515	0.17	251.7	0.33
	03/20/12	3.28	22.11	16970	0.33	348.5	4.37
	08/26/12	3.21	23.68	18085	0.17	373.3	2.48
	03/19/13	3.09	19.77	18335	0.29	370.0	0.94
	08/22/13	3.26	23.06	20111	0.17	390.3	4.15
	03/07/14	3.02	19.26	18788	0.28	283	0.59
	08/11/14	3.23	24.24	20608	0.40	379.2	0.51
MW-TP5I	08/30/10	6.12	24.49	298	1.28	118	103.0
	02/24/11	6.10	22.60	78	6.84	142	51.4
	08/31/11	5.76	25.61	70	1.76	128.4	46.5
	03/20/12	5.87	23.70	66	0.34	58.2	273
	08/26/12	5.85	22.93	59	0.47	141.9	384
	03/19/13	5.70	20.25	53	0.55	88.2	271
	08/22/13	5.90	22.71	47	0.67	196.6	256
	03/07/14	5.75	18.19	51	0.40	40	64.1
	08/11/14	5.95	24.52	54	1.76	150.4	30.2
MW-TP6S	08/07/00	4.21	NM	618	NM	NM	4.64

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

TABLE B-2
GROUNDWATER SAMPLING PLAN
Former Farmers Favorite Fertilizer
Moultrie, Georgia

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

TABLE B-2
GROUNDWATER SAMPLING PLAN
Former Farmers Favorite Fertilizer
Moultrie, Georgia

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

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

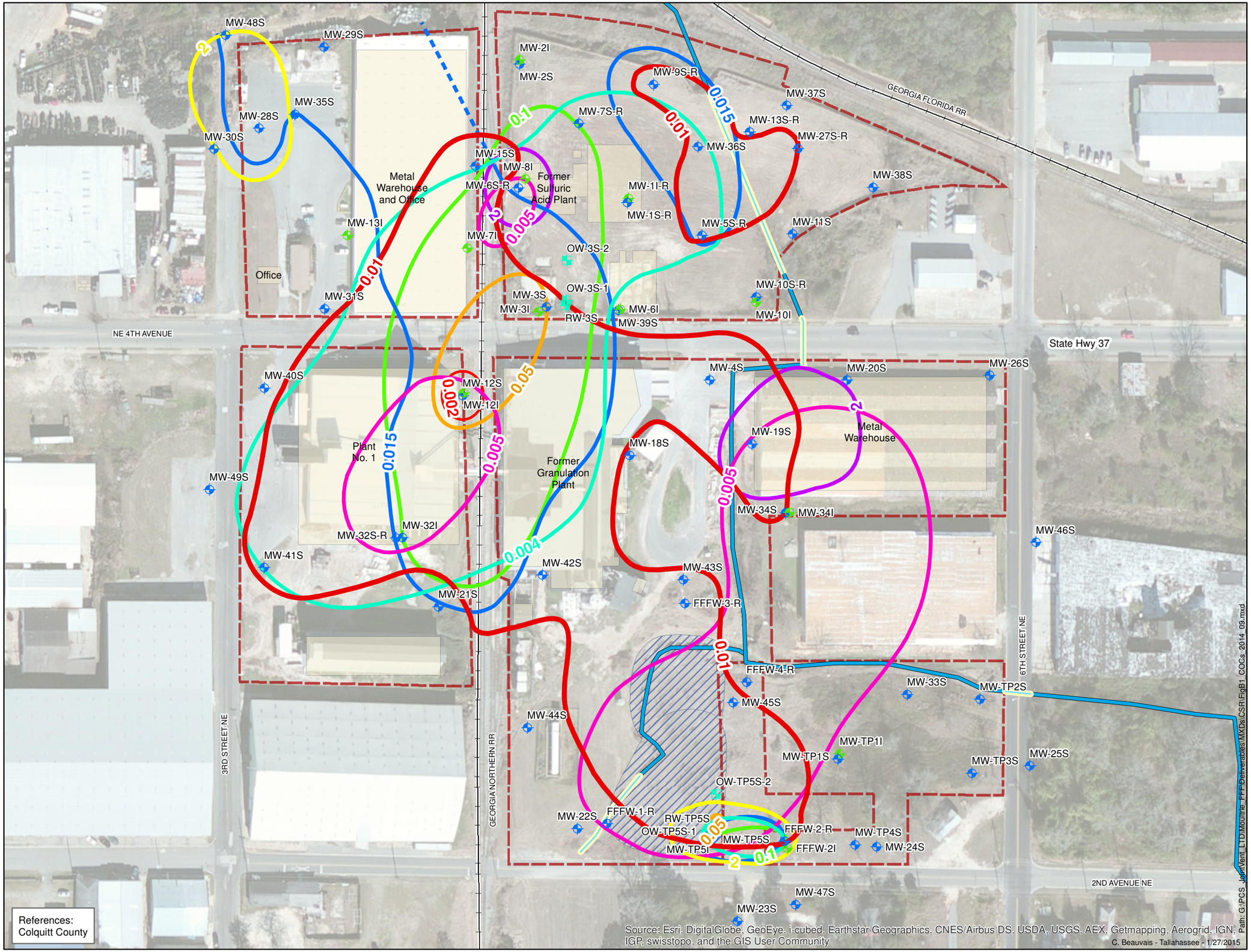
TABLE B-3
SUMMARY OF QUALITY ASSURANCE GROUNDWATER SAMPLES - August 2014
Former Farmers Favorite Fertilizer
Moultrie, Georgia

Sample ID	Date Sampled	Arsenic	Barium	Beryllium	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Thallium	Zinc
Statistical Background		**0.013**	**1.38**	**0.004**	**0.005**	**0.022**	**0.012**	**0.0002**	**0.04**	**0.01**	**0.002**	**1.36**
ype 1 Risk Reduction Standa		**0.010**	**2**	**0.004**	**0.005**	**1.3**	**0.015**	**0.002**	**0.1**	**0.05**	**0.002**	**2**
EQ-1	8/6/2014	0.0013 U	0.0013 U	0.00025 U	0.000095 U	0.0011 U	0.00020 U	NA	0.0020 U	0.0010 U	0.00050 U	0.0083 U
EQ-2	8/7/2014	0.0013 U	0.0013 U	0.00025 U	0.000095 U	0.0011 U	0.00020 U	NA	0.0020 U	0.0010 U	0.00050 U	0.0083 U
EQ-3	8/7/2014	0.0013 U	0.0013 U	0.00025 U	0.000095 U	0.0011 U	0.00020 U	NA	0.0020 U	0.0010 U	0.00050 U	0.0083 U
MW-6S-R	8/5/2014	0.0085	NA	**0.018**	**0.019**	NA	0.0097	NA	**0.42**	NA	NA	**2.8**
DUP-1	8/5/2014	**0.024**	NA	**0.011**	**0.018**	NA	0.0080	NA	**0.36**	NA	NA	**2.5**
Relative Percent Difference		95%	NA	48%	5%	NA	19%	NA	15%	NA	NA	11%
MW-29S	8/12/2014	0.0028	1.4	0.0032	NA	0.015	**0.048**	0.00069	0.011	NA	NA	NA
DUP-2	8/12/2014	0.0028	1.4	0.0031	NA	0.015	**0.048**	0.00067	0.012	NA	NA	NA
Relative Percent Difference		0%	0%	3%	NA	0%	0%	3%	9%	NA	NA	NA
MW-3S	8/8/2014	**0.54**	0.018	**0.022**	0.0094	1.5	**0.13**	NA	0.30	0.090	NA	1.8
DUP-3	8/8/2014	**0.35**	0.016	**0.019**	0.0086	1.3	**0.095**	NA	**0.23**	**0.077**	NA	1.8
Relative Percent Difference		43%	12%	15%	9%	14%	31%	NA	26%	16%	NA	0%
MW-TP5S	8/11/2014	**0.14**	**46**	**0.32**	**0.015**	NA	**3.3**	NA	**0.75**	**0.070**	0.020 U	1.7
DUP-4	8/11/2014	**0.17**	**47**	**0.35**	**0.016**	NA	**2.8**	NA	**0.89**	**0.055**	**0.0068**	2.0
Relative Percent Difference		19%	2%	9%	6%	NA	16%	NA	17%	24%	99%	NA
MW-36S	8/6/2014	**0.16**	NA	**0.0095**	NA	NA	**0.22**	NA	0.044	NA	NA	NA
DUP-5	8/6/2014	**0.43**	NA	**0.0096**	NA	NA	**0.23**	NA	**0.12**	NA	NA	NA
Relative Percent Difference		92%	NA	1%	NA	NA	4%	NA	93%	NA	NA	NA
MW-12S	8/7/2014	**0.59**	1.6	**0.038**	**0.0068**	0.33	**0.074**	NA	**0.23**	**0.10**	0.0025 J	1.3
DUP-6	8/7/2014	**0.59**	1.5	**0.038**	**0.0067**	0.34	**0.072**	NA	**0.24**	**0.10**	0.0025 J	1.2
Relative Percent Difference		0%	6%	0%	1%	3%	3%	NA	4%	0%	0%	8%
MW-32I	8/5/2014	**0.10**	0.41	**0.019**	**0.0058**	NA	**0.091**	NA	**0.098**	NA	0.0015	NA
DUP-7	8/7/2014	**0.11**	0.40	**0.019**	**0.0056**	NA	**0.091**	NA	**0.099**	NA	0.0015	NA
Relative Percent Difference		10%	2%	0%	4%	NA	0%	NA	1%	NA	15%	NA

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

FIGURES

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



Shallow Monitoring Well

Intermediate Monitoring Well

Test Well

Arsenic Isocontour, mg/L

Barium Isocontour, mg/L

Beryllium Isocontour, mg/L

Cadmium Isocontour, mg/L

Lead Isocontour, mg/L
Shallow Zone

Nickel Isocontour, mg/L

Thallium Isocontour, mg/L

Selenium Isocontour, mg/L

Zinc Isocontour, mg/L

Concrete Culvert or Pipe

Creek

Approximate Site Boundary

Railroad

Former Treatment Ponds

Current or Historic Building

Coordinate System:
NAD 1983 State Plane Georgia West, Feet

N

100 50 0 100 Feet

30 15 0 30 Meters

Figure
B-1

COC CONCENTRATIONS WATER BEARING ZONE OF THE UPPER CONFINING UNIT AUGUST 2014

URS
Tallahassee, Florida

ATTACHMENTS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tallahassee
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Tel: (850)878-3994

TestAmerica Job ID: 640-48809-1
Client Project/Site: PCS FFF Moultrie

For:
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Attn: Mr. Jeff Wagner

Noël Savoie

Authorized for release by:
9/8/2014 2:17:38 PM

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LINKS

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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
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery exceeds the control limits
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
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: 640-48809-1

Laboratory: TestAmerica Tallahassee

Narrative

Job Narrative
640-48809-1

Comments
MW-35S was not marked for Mercury but per scope of work the samples was logged in to report it.

Receipt
The samples were received on 8/8/2014 at 4:52 PM and 8/13/2014 at 1:26 PM. The samples arrived in good condition, properly preserved, and on ice. The temperatures of the 2 coolers at receipt time were 0.4º C and 1.2º C.

Except:

The following sample was submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): EQ-3 (640-48809-59). Logged in per container label.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-9S-R — Lab Sample ID: 640-48809-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.062		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Lead	0.024		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0072		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-10S-R — Lab Sample ID: 640-48809-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	0.00052		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Lead	0.00074	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-10I — Lab Sample ID: 640-48809-3

No Detections.

Client Sample ID: MW-13S-R — Lab Sample ID: 640-48809-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0018	J	0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Nickel	0.0041	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-27S-R — Lab Sample ID: 640-48809-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.010		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Lead	0.00035	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0074		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-36S — Lab Sample ID: 640-48809-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.16		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0095		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Lead	0.22		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.044		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-37S — Lab Sample ID: 640-48809-7

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

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-38S — Lab Sample ID: 640-48809-8

No Detections.

Client Sample ID: MW-39S — Lab Sample ID: 640-48809-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0026		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Barium	0.050		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.00097		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Lead	0.0043		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0069		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	0.028		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: DUP-1 — Lab Sample ID: 640-48809-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.024		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.011		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Cadmium	0.018		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Lead	0.0080		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.36		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	2.5		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: DUP-3 — Lab Sample ID: 640-48809-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.35		0.0050	0.0026	mg/L	2		6020A	Total Recoverable
Barium	0.016		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.019		0.0010	0.00050	mg/L	2		6020A	Total Recoverable
Cadmium	0.0086		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Copper	1.3		0.010	0.0022	mg/L	2		6020A	Total Recoverable
Lead	0.095		0.0030	0.00040	mg/L	2		6020A	Total Recoverable
Nickel	0.23		0.010	0.0040	mg/L	2		6020A	Total Recoverable
Selenium	0.077		0.0025	0.0010	mg/L	1		6020A	Total Recoverable
Zinc	1.8		0.020	0.0083	mg/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: EQ-1 — Lab Sample ID: 640-48809-12

No Detections.

Client Sample ID: DUP-5 — Lab Sample ID: 640-48809-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.43		0.010	0.0052	mg/L	4		6020A	Total Recoverable
Beryllium	0.0096		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Lead	0.23		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.12		0.020	0.0080	mg/L	4		6020A	Total Recoverable

Client Sample ID: MW-1S-R — Lab Sample ID: 640-48809-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0019	J	0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Lead	0.00025	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-1I-R — Lab Sample ID: 640-48809-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.0015		0.0015	0.00020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-2S — Lab Sample ID: 640-48809-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0027		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Barium	0.049		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Lead	0.0032		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0071		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-2I — Lab Sample ID: 640-48809-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.0017		0.0015	0.00020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-3S — Lab Sample ID: 640-48809-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.54		0.010	0.0052	mg/L	4		6020A	Total Recoverable
Barium	0.018		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.022		0.0020	0.0010	mg/L	4		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-3S (Continued) — Lab Sample ID: 640-48809-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.0094		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Copper	1.5		0.020	0.0044	mg/L	4		6020A	Total Recoverable
Lead	0.13		0.0060	0.00080	mg/L	4		6020A	Total Recoverable
Nickel	0.30		0.020	0.0080	mg/L	4		6020A	Total Recoverable
Selenium	0.090		0.0025	0.0010	mg/L	1		6020A	Total Recoverable
Zinc	1.8		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-3I — Lab Sample ID: 640-48809-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.097		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.00044	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-5S-R — Lab Sample ID: 640-48809-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.14		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.015		0.0020	0.0010	mg/L	4		6020A	Total Recoverable
Cadmium	0.0010		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Lead	0.14		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.063		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-6S-R — Lab Sample ID: 640-48809-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0085		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.018		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Cadmium	0.019		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Lead	0.0097		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.42		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	2.8		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-6I — Lab Sample ID: 640-48809-22

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-6I (Continued) — Lab Sample ID: 640-48809-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.0040		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0046	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-7S-R — Lab Sample ID: 640-48809-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0024	J	0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0051		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Lead	0.0011	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.094		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-8I — Lab Sample ID: 640-48809-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.010		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0031	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-4S — Lab Sample ID: 640-48809-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.055		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Cadmium	0.00096		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Copper	0.018		0.0050	0.0011	mg/L	1		6020A	Total Recoverable
Lead	0.00046	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.035		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	0.34		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-18S — Lab Sample ID: 640-48809-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.20		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.00089		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Cadmium	0.00050		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Copper	0.0019	J	0.0050	0.0011	mg/L	1		6020A	Total Recoverable
Nickel	0.010		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-18S (Continued) — Lab Sample ID: 640-48809-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.12		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-19S — Lab Sample ID: 640-48809-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.019		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Cadmium	0.0053		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Lead	0.00033	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.048		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	3.0		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-20S — Lab Sample ID: 640-48809-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.00028	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-22S — Lab Sample ID: 640-48809-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	0.0030	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-23S — Lab Sample ID: 640-48809-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.27		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0015		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Lead	0.0046		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0056		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	0.023		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-25S — Lab Sample ID: 640-48809-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.0019		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0023	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-26S — Lab Sample ID: 640-48809-32

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-26S (Continued) — Lab Sample ID: 640-48809-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.0044		0.0015	0.00020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-33S — Lab Sample ID: 640-48809-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.011	J	0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-34S — Lab Sample ID: 640-48809-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.010		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Cadmium	0.0095		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Lead	0.0020		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.053		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	1.6		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-34I — Lab Sample ID: 640-48809-35

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
Nickel	0.0036	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	0.013	J	0.020	0.0083	mg/L	1		6020A	Total Recoverable
Lead, Dissolved	0.00059	J	0.0015	0.00020	mg/L	1		6020A	Dissolved

Client Sample ID: MW-42S — Lab Sample ID: 640-48809-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.048		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Cadmium	0.0016		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Lead	0.00071	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.050		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	1.1		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-43S — Lab Sample ID: 640-48809-37

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	0.0019		0.00050	0.000095	mg/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-43S (Continued) — Lab Sample ID: 640-48809-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	0.029		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	0.15		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-44S — Lab Sample ID: 640-48809-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	0.0066		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-46S — Lab Sample ID: 640-48809-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.00029	J	0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Lead	0.0062		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0086		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	0.049		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-47S — Lab Sample ID: 640-48809-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.049		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.00031	J	0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Lead	0.00025	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-TP2S — Lab Sample ID: 640-48809-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0017	J	0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Lead	0.0019		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0055		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-TP3S — Lab Sample ID: 640-48809-42

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
Nickel	0.0029	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: FFFW-3-R — Lab Sample ID: 640-48809-43

This Detection Summary does not include radiochemical test results.

Client Sample ID: FFFW-3-R (Continued) — Lab Sample ID: 640-48809-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.019		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Nickel	0.086		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-TP4S — Lab Sample ID: 640-48809-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.21		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.00075		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Lead	0.0040		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0038	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-7I — Lab Sample ID: 640-48809-45

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
Barium	2.0		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0039		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Lead	0.036		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.011		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-12I — Lab Sample ID: 640-48809-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0018	J	0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Barium	0.43		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0018		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Lead	0.0055		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0075		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-12S — Lab Sample ID: 640-48809-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.59		0.010	0.0052	mg/L	4		6020A	Total Recoverable
Barium	1.6		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.038		0.00050	0.00025	mg/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-12S (Continued) — Lab Sample ID: 640-48809-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.0068		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Copper	0.33		0.020	0.0044	mg/L	4		6020A	Total Recoverable
Lead	0.074		0.0060	0.00080	mg/L	4		6020A	Total Recoverable
Nickel	0.23		0.020	0.0080	mg/L	4		6020A	Total Recoverable
Selenium	0.10		0.0025	0.0010	mg/L	1		6020A	Total Recoverable
Thallium	0.0025	J	0.0040	0.0020	mg/L	4		6020A	Total Recoverable
Zinc	1.3		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-13I — Lab Sample ID: 640-48809-48

No Detections.

Client Sample ID: MW-15S — Lab Sample ID: 640-48809-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.097		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0038		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Lead	0.026		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.039		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-30S — Lab Sample ID: 640-48809-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	2.0		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0031		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Copper	0.0057		0.0050	0.0011	mg/L	1		6020A	Total Recoverable
Lead	0.0097		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0098		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-32I — Lab Sample ID: 640-48809-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.10		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Barium	0.41		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.019		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Cadmium	0.0058		0.00050	0.000095	mg/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-32I (Continued) — Lab Sample ID: 640-48809-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.091		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.098		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Thallium	0.0015		0.0010	0.00050	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-32S-R — Lab Sample ID: 640-48809-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.010		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Lead	0.0013	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.024		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-41S — Lab Sample ID: 640-48809-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.016		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0040		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Cadmium	0.0015		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Lead	0.024		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.023		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Thallium	0.0011		0.0010	0.00050	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-49S — Lab Sample ID: 640-48809-54

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0048		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Barium	0.082		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.00094		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Copper	0.013		0.0050	0.0011	mg/L	1		6020A	Total Recoverable
Lead	0.010		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.011		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	0.063		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-49S(Dissolved) — Lab Sample ID: 640-48809-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium, Dissolved	0.015		0.0050	0.0013	mg/L	1		6020A	Dissolved

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-49S(Dissolved) (Continued) — Lab Sample ID: 640-48809-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper, Dissolved	0.0025	J	0.0050	0.0011	mg/L	1		6020A	Dissolved
Lead, Dissolved	0.00097	J	0.0015	0.00020	mg/L	1		6020A	Dissolved
Zinc, Dissolved	0.0084	J	0.020	0.0083	mg/L	1		6020A	Dissolved

Client Sample ID: DUP-6 — Lab Sample ID: 640-48809-56

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.59		0.010	0.0052	mg/L	4		6020A	Total Recoverable
Barium	1.5		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.038		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Cadmium	0.0067		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Copper	0.34		0.020	0.0044	mg/L	4		6020A	Total Recoverable
Lead	0.072		0.0060	0.00080	mg/L	4		6020A	Total Recoverable
Nickel	0.24		0.020	0.0080	mg/L	4		6020A	Total Recoverable
Selenium	0.10		0.0025	0.0010	mg/L	1		6020A	Total Recoverable
Thallium	0.0025	J	0.0040	0.0020	mg/L	4		6020A	Total Recoverable
Zinc	1.2		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: DUP-7 — Lab Sample ID: 640-48809-57

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.11		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Barium	0.40		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.019		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Cadmium	0.0056		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Lead	0.091		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.099		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Thallium	0.0015		0.0010	0.00050	mg/L	1		6020A	Total Recoverable

Client Sample ID: EQ-2 — Lab Sample ID: 640-48809-58

No Detections.

Client Sample ID: EQ-3 — Lab Sample ID: 640-48809-59

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-11S — Lab Sample ID: 640-48844-1

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
Lead	0.00046	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0033	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Arsenic, Dissolved	0.0022	J	0.0025	0.0013	mg/L	1		6020A	Dissolved
Nickel, Dissolved	0.0036	J	0.0050	0.0020	mg/L	1		6020A	Dissolved

Client Sample ID: MW-24S — Lab Sample ID: 640-48844-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.0033		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0048	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-29S — Lab Sample ID: 640-48844-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0028		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Barium	1.4		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0032		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Copper	0.015		0.0050	0.0011	mg/L	1		6020A	Total Recoverable
Lead	0.048		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.011		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Mercury	0.00069		0.00020	0.000091	mg/L	1		7470A	Total/NA

Client Sample ID: MW-35S — Lab Sample ID: 640-48844-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	1.8		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Lead	0.015		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0098		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Mercury	0.00015	J	0.00020	0.000091	mg/L	1		7470A	Total/NA

Client Sample ID: MW-40S — Lab Sample ID: 640-48844-5

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
Nickel	0.0021	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Beryllium, Dissolved	0.00032	J	0.00050	0.00025	mg/L	1		6020A	Dissolved
Lead, Dissolved	0.00093	J	0.0015	0.00020	mg/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: 640-48809-1

Client Sample ID: FFFW-1-R — Lab Sample ID: 640-48844-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0025		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Lead	0.00050	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0029	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: FFFW-4-R — Lab Sample ID: 640-48844-7

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
Beryllium	0.0030		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Lead	0.0039		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.023		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Arsenic, Dissolved	0.0023	J	0.0025	0.0013	mg/L	1		6020A	Dissolved
Beryllium, Dissolved	0.0036		0.00050	0.00025	mg/L	1		6020A	Dissolved
Lead, Dissolved	0.0015		0.0015	0.00020	mg/L	1		6020A	Dissolved
Nickel, Dissolved	0.023		0.0050	0.0020	mg/L	1		6020A	Dissolved

Client Sample ID: MW-TP1I — Lab Sample ID: 640-48844-8

No Detections.

Client Sample ID: MW-TP1S — Lab Sample ID: 640-48844-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.010		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.013		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-TP5I — Lab Sample ID: 640-48844-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.0010	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0036	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	0.019	J	0.020	0.0083	mg/L	1		6020A	Total Recoverable
Lead, Dissolved	0.00078	J	0.0015	0.00020	mg/L	1		6020A	Dissolved
Nickel, Dissolved	0.0039	J	0.0050	0.0020	mg/L	1		6020A	Dissolved
Zinc, Dissolved	0.014	J	0.020	0.0083	mg/L	1		6020A	Dissolved

Client Sample ID: MW-TP5S — Lab Sample ID: 640-48844-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.14		0.0025	0.0013	mg/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-TP5S (Continued) — Lab Sample ID: 640-48844-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	46		0.20	0.052	mg/L	40		6020A	Total Recoverable
Beryllium	0.32		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Cadmium	0.015		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Lead	3.3		0.060	0.0080	mg/L	40		6020A	Total Recoverable
Nickel	0.75		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Selenium	0.070		0.0025	0.0010	mg/L	1		6020A	Total Recoverable
Zinc	1.7		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: FFFW-2I — Lab Sample ID: 640-48844-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.00026	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0063		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: FFFW-2-R — Lab Sample ID: 640-48844-13

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
Barium	3.5		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.037		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Cadmium	0.0036		0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Lead	0.22		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.10		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Thallium	0.0013		0.0010	0.00050	mg/L	1		6020A	Total Recoverable
Zinc	0.21		0.020	0.0083	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-21S — Lab Sample ID: 640-48844-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0058		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Cadmium	0.00011	J	0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Lead	0.0011	J	0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.015		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: 640-48809-1

Client Sample ID: MW-28S — Lab Sample ID: 640-48844-15

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	2.8		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0037		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Lead	0.021		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.019		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-31S — Lab Sample ID: 640-48844-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.053		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.00025	J	0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Lead	0.0023		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.0023	J	0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-31S (Dissolved) — Lab Sample ID: 640-48844-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium, Dissolved	0.052		0.0050	0.0013	mg/L	1		6020A	Dissolved
Lead, Dissolved	0.0022		0.0015	0.00020	mg/L	1		6020A	Dissolved

Client Sample ID: MW-45S — Lab Sample ID: 640-48844-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.019		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Nickel	0.0050		0.0050	0.0020	mg/L	1		6020A	Total Recoverable

Client Sample ID: MW-48S — Lab Sample ID: 640-48844-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	2.0		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0037		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Cadmium	0.00030	J	0.00050	0.000095	mg/L	1		6020A	Total Recoverable
Copper	0.012		0.0050	0.0011	mg/L	1		6020A	Total Recoverable
Lead	0.017		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.014		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Zinc	0.047		0.020	0.0083	mg/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: DUP-2 — Lab Sample ID: 640-48844-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0028		0.0025	0.0013	mg/L	1		6020A	Total Recoverable
Barium	1.4		0.0050	0.0013	mg/L	1		6020A	Total Recoverable
Beryllium	0.0031		0.00050	0.00025	mg/L	1		6020A	Total Recoverable
Copper	0.015		0.0050	0.0011	mg/L	1		6020A	Total Recoverable
Lead	0.048		0.0015	0.00020	mg/L	1		6020A	Total Recoverable
Nickel	0.012		0.0050	0.0020	mg/L	1		6020A	Total Recoverable
Mercury	0.00067		0.00020	0.000091	mg/L	1		7470A	Total/NA

Client Sample ID: DUP-4 — Lab Sample ID: 640-48844-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.17		0.010	0.0052	mg/L	4		6020A	Total Recoverable
Barium	47		0.050	0.013	mg/L	10		6020A	Total Recoverable
Beryllium	0.35		0.0020	0.0010	mg/L	4		6020A	Total Recoverable
Cadmium	0.016		0.0020	0.00038	mg/L	4		6020A	Total Recoverable
Lead	2.8		0.0060	0.00080	mg/L	4		6020A	Total Recoverable
Nickel	0.89		0.020	0.0080	mg/L	4		6020A	Total Recoverable
Selenium	0.055		0.010	0.0040	mg/L	4		6020A	Total Recoverable
Thallium	0.0068		0.0040	0.0020	mg/L	4		6020A	Total Recoverable
Zinc	2.0		0.080	0.033	mg/L	4		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-9S-R
Date Collected: 08/05/14 10:30
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-1
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.062		0.0025	0.0013	mg/L		08/12/14 15:10	08/17/14 18:33	1
Lead	0.024		0.0015	0.00020	mg/L		08/12/14 15:10	08/17/14 18:33	1
Nickel	0.0072		0.0050	0.0020	mg/L		08/12/14 15:10	08/17/14 18:33	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-10S-R
Date Collected: 08/07/14 12:49
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-2
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/12/14 15:10	08/17/14 19:09	1
Beryllium	**0.00052**		0.00050	0.00025	mg/L		08/12/14 15:10	08/17/14 19:09	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		08/12/14 15:10	08/17/14 19:09	1
Lead	**0.00074**	**J**	0.0015	0.00020	mg/L		08/12/14 15:10	08/17/14 19:09	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		08/12/14 15:10	08/17/14 19:09	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-10I
Date Collected: 08/07/14 11:18
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-3
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/12/14 15:10	08/17/14 19:16	1
Lead	0.00020	U	0.0015	0.00020	mg/L		08/12/14 15:10	08/17/14 19:16	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		08/12/14 15:10	08/17/14 19:16	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-13S-R
Date Collected: 08/06/14 15:55
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-4
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0018**	**J**	0.0025	0.0013	mg/L		08/12/14 15:10	08/17/14 19:23	1
Lead	0.00020	U	0.0015	0.00020	mg/L		08/12/14 15:10	08/17/14 19:23	1
Nickel	**0.0041**	**J**	0.0050	0.0020	mg/L		08/12/14 15:10	08/17/14 19:23	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-27S-R
Date Collected: 08/06/14 17:23
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-5
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.010		0.0025	0.0013	mg/L		08/12/14 15:10	08/17/14 19:44	1
Lead	0.00035	J	0.0015	0.00020	mg/L		08/12/14 15:10	08/17/14 19:44	1
Nickel	0.0074		0.0050	0.0020	mg/L		08/12/14 15:10	08/17/14 19:44	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-36S
Date Collected: 08/06/14 14:11
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-6
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.16		0.0025	0.0013	mg/L		08/12/14 15:10	08/17/14 19:52	1
Beryllium	0.0095		0.00050	0.00025	mg/L		08/12/14 15:10	08/17/14 19:52	1
Lead	0.22		0.0015	0.00020	mg/L		08/12/14 15:10	08/17/14 19:52	1
Nickel	0.044		0.0050	0.0020	mg/L		08/12/14 15:10	08/17/14 19:52	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-37S
Date Collected: 08/05/14 17:30
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-7
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0026**		0.0025	0.0013	mg/L		08/12/14 15:10	08/17/14 19:59	1
Lead	0.00020	U	0.0015	0.00020	mg/L		08/12/14 15:10	08/17/14 19:59	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		08/12/14 15:10	08/17/14 19:59	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-38S
Date Collected: 08/08/14 09:40
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-8
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/12/14 15:10	08/17/14 20:06	1
Lead	0.00020	U	0.0015	0.00020	mg/L		08/12/14 15:10	08/17/14 20:06	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		08/12/14 15:10	08/17/14 20:06	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-39S
Date Collected: 08/06/14 10:44
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-9
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0026		0.0025	0.0013	mg/L		08/12/14 15:10	08/17/14 20:13	1
Barium	0.050		0.0050	0.0013	mg/L		08/12/14 15:10	08/17/14 20:13	1
Beryllium	0.00097		0.00050	0.00025	mg/L		08/12/14 15:10	08/17/14 20:13	1
Lead	0.0043		0.0015	0.00020	mg/L		08/12/14 15:10	08/17/14 20:13	1
Nickel	0.0069		0.0050	0.0020	mg/L		08/12/14 15:10	08/17/14 20:13	1
Zinc	0.028		0.020	0.0083	mg/L		08/12/14 15:10	08/17/14 20:13	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: DUP-1
Date Collected: 08/05/14 00:00
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-10
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.024		0.0025	0.0013	mg/L		08/12/14 15:10	08/17/14 20:20	1
Beryllium	0.011		0.00050	0.00025	mg/L		08/12/14 15:10	08/17/14 20:20	1
Cadmium	0.018		0.00050	0.000095	mg/L		08/12/14 15:10	08/17/14 20:20	1
Lead	0.0080		0.0015	0.00020	mg/L		08/12/14 15:10	08/17/14 20:20	1
Nickel	0.36		0.0050	0.0020	mg/L		08/12/14 15:10	08/17/14 20:20	1
Zinc	2.5		0.020	0.0083	mg/L		08/12/14 15:10	08/17/14 20:20	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: DUP-3
Date Collected: 08/08/14 00:00
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-11
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.35		0.0050	0.0026	mg/L		08/12/14 15:10	08/18/14 23:36	2
Barium	0.016		0.0050	0.0013	mg/L		08/12/14 15:10	08/17/14 20:27	1
Beryllium	0.019		0.0010	0.00050	mg/L		08/12/14 15:10	08/18/14 23:36	2
Cadmium	0.0086		0.00050	0.000095	mg/L		08/12/14 15:10	08/17/14 20:27	1
Copper	1.3		0.010	0.0022	mg/L		08/12/14 15:10	08/18/14 23:36	2
Lead	0.095		0.0030	0.00040	mg/L		08/12/14 15:10	08/18/14 23:36	2
Nickel	0.23		0.010	0.0040	mg/L		08/12/14 15:10	08/18/14 23:36	2
Selenium	0.077		0.0025	0.0010	mg/L		08/12/14 15:10	08/17/14 20:27	1
Zinc	1.8		0.020	0.0083	mg/L		08/12/14 15:10	08/17/14 20:27	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: EQ-1
Date Collected: 08/06/14 09:34
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-12
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/12/14 15:10	08/17/14 20:35	1
Barium	0.0013	U	0.0050	0.0013	mg/L		08/12/14 15:10	08/17/14 20:35	1
Beryllium	0.00025	U	0.00050	0.00025	mg/L		08/12/14 15:10	08/17/14 20:35	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		08/12/14 15:10	08/17/14 20:35	1
Copper	0.0011	U	0.0050	0.0011	mg/L		08/12/14 15:10	08/17/14 20:35	1
Lead	0.00020	U	0.0015	0.00020	mg/L		08/12/14 15:10	08/17/14 20:35	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		08/12/14 15:10	08/17/14 20:35	1
Selenium	0.0010	U	0.0025	0.0010	mg/L		08/12/14 15:10	08/17/14 20:35	1
Thallium	0.00050	U	0.0010	0.00050	mg/L		08/12/14 15:10	08/17/14 20:35	1
Zinc	0.0083	U	0.020	0.0083	mg/L		08/12/14 15:10	08/17/14 20:35	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: DUP-5
Date Collected: 08/06/14 00:00
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-13
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.43		0.010	0.0052	mg/L		08/12/14 15:10	08/18/14 23:50	4
Beryllium	0.0096		0.00050	0.00025	mg/L		08/12/14 15:10	08/17/14 20:42	1
Lead	0.23		0.0015	0.00020	mg/L		08/12/14 15:10	08/17/14 20:42	1
Nickel	0.12		0.020	0.0080	mg/L		08/12/14 15:10	08/18/14 23:50	4

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-1S-R
Date Collected: 08/06/14 09:03
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-14
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0019**	**J**	0.0025	0.0013	mg/L		08/12/14 15:10	08/17/14 20:49	1
Lead	**0.00025**	**J**	0.0015	0.00020	mg/L		08/12/14 15:10	08/17/14 20:49	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		08/12/14 15:10	08/17/14 20:49	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-1I-R
Date Collected: 08/06/14 08:24
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-15
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/12/14 15:10	08/17/14 21:10	1
Lead	**0.0015**		0.0015	0.00020	mg/L		08/12/14 15:10	08/17/14 21:10	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		08/12/14 15:10	08/17/14 21:10	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-2S
Date Collected: 08/05/14 14:00
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-16
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0027		0.0025	0.0013	mg/L		08/12/14 15:10	08/17/14 21:17	1
Barium	0.049		0.0050	0.0013	mg/L		08/12/14 15:10	08/17/14 21:17	1
Lead	0.0032		0.0015	0.00020	mg/L		08/12/14 15:10	08/17/14 21:17	1
Nickel	0.0071		0.0050	0.0020	mg/L		08/12/14 15:10	08/17/14 21:17	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-2I
Date Collected: 08/05/14 13:46
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-17
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/12/14 15:10	08/17/14 21:25	1
Lead	**0.0017**		0.0015	0.00020	mg/L		08/12/14 15:10	08/17/14 21:25	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		08/12/14 15:10	08/17/14 21:25	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-3S
Date Collected: 08/08/14 11:35
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-18
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.54		0.010	0.0052	mg/L		08/12/14 15:10	08/18/14 23:58	4
Barium	0.018		0.0050	0.0013	mg/L		08/12/14 15:10	08/17/14 21:32	1
Beryllium	0.022		0.0020	0.0010	mg/L		08/12/14 15:10	08/18/14 23:58	4
Cadmium	0.0094		0.00050	0.000095	mg/L		08/12/14 15:10	08/17/14 21:32	1
Copper	1.5		0.020	0.0044	mg/L		08/12/14 15:10	08/18/14 23:58	4
Lead	0.13		0.0060	0.00080	mg/L		08/12/14 15:10	08/18/14 23:58	4
Nickel	0.30		0.020	0.0080	mg/L		08/12/14 15:10	08/18/14 23:58	4
Selenium	0.090		0.0025	0.0010	mg/L		08/12/14 15:10	08/17/14 21:32	1
Zinc	1.8		0.020	0.0083	mg/L		08/12/14 15:10	08/17/14 21:32	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-3I
Date Collected: 08/05/14 11:44
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-19
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/12/14 15:10	08/17/14 21:39	1
Barium	**0.097**		0.0050	0.0013	mg/L		08/12/14 15:10	08/17/14 21:39	1
Beryllium	**0.00044**	**J**	0.00050	0.00025	mg/L		08/12/14 15:10	08/17/14 21:39	1
Lead	**0.0013**	**J**	0.0015	0.00020	mg/L		08/12/14 15:10	08/17/14 21:39	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		08/12/14 15:10	08/17/14 21:39	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-5S-R
Date Collected: 08/07/14 15:55
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-20
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.14		0.0025	0.0013	mg/L		08/12/14 15:10	08/17/14 21:46	1
Beryllium	0.015		0.0020	0.0010	mg/L		08/12/14 15:10	08/19/14 00:12	4
Cadmium	0.0010		0.00050	0.000095	mg/L		08/12/14 15:10	08/17/14 21:46	1
Lead	0.14		0.0015	0.00020	mg/L		08/12/14 15:10	08/17/14 21:46	1
Nickel	0.063		0.0050	0.0020	mg/L		08/12/14 15:10	08/17/14 21:46	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-6S-R
Date Collected: 08/05/14 15:49
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-21
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0085		0.0025	0.0013	mg/L		08/12/14 15:28	08/20/14 04:58	1
Beryllium	0.018		0.00050	0.00025	mg/L		08/12/14 15:28	08/21/14 18:41	1
Cadmium	0.019		0.00050	0.000095	mg/L		08/12/14 15:28	08/21/14 18:41	1
Lead	0.0097		0.0015	0.00020	mg/L		08/12/14 15:28	08/20/14 04:58	1
Nickel	0.42		0.0050	0.0020	mg/L		08/12/14 15:28	08/20/14 04:58	1
Zinc	2.8		0.020	0.0083	mg/L		08/12/14 15:28	08/20/14 04:58	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-6I
Date Collected: 08/06/14 10:22
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-22
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/12/14 15:28	08/20/14 05:25	1
Lead	**0.0040**		0.0015	0.00020	mg/L		08/12/14 15:28	08/20/14 05:25	1
Nickel	**0.0046**	**J**	0.0050	0.0020	mg/L		08/12/14 15:28	08/20/14 05:25	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-7S-R
Date Collected: 08/07/14 10:05
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-23
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0024	J	0.0025	0.0013	mg/L		08/12/14 15:28	08/20/14 05:30	1
Beryllium	0.0051		0.00050	0.00025	mg/L		08/12/14 15:28	08/21/14 19:24	1
Lead	0.0011	J	0.0015	0.00020	mg/L		08/12/14 15:28	08/20/14 05:30	1
Nickel	0.094		0.0050	0.0020	mg/L		08/12/14 15:28	08/20/14 05:30	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-8I
Date Collected: 08/05/14 15:04
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-24
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/12/14 15:28	08/20/14 05:35	1
Lead	**0.010**		0.0015	0.00020	mg/L		08/12/14 15:28	08/20/14 05:35	1
Nickel	**0.0031**	**J**	0.0050	0.0020	mg/L		08/12/14 15:28	08/20/14 05:35	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-4S
Date Collected: 08/05/14 09:55
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-25
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.055**		0.0025	0.0013	mg/L		08/12/14 15:28	08/20/14 05:52	1
Beryllium	0.00025	U	0.00050	0.00025	mg/L		08/12/14 15:28	08/20/14 21:00	1
Cadmium	**0.00096**		0.00050	0.000095	mg/L		08/12/14 15:28	08/20/14 21:00	1
Copper	**0.018**		0.0050	0.0011	mg/L		08/12/14 15:28	08/20/14 21:00	1
Lead	**0.00046**	**J**	0.0015	0.00020	mg/L		08/12/14 15:28	08/20/14 05:52	1
Nickel	**0.035**		0.0050	0.0020	mg/L		08/12/14 15:28	08/20/14 05:52	1
Zinc	**0.34**		0.020	0.0083	mg/L		08/12/14 15:28	08/20/14 05:52	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-18S
Date Collected: 08/05/14 11:10
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-26
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/12/14 15:28	08/20/14 05:57	1
Barium	**0.20**		0.0050	0.0013	mg/L		08/12/14 15:28	08/20/14 21:07	1
Beryllium	**0.00089**		0.00050	0.00025	mg/L		08/12/14 15:28	08/20/14 21:07	1
Cadmium	**0.00050**		0.00050	0.000095	mg/L		08/12/14 15:28	08/20/14 21:07	1
Copper	**0.0019**	**J**	0.0050	0.0011	mg/L		08/12/14 15:28	08/20/14 21:07	1
Lead	0.00020	U	0.0015	0.00020	mg/L		08/12/14 15:28	08/20/14 05:57	1
Nickel	**0.010**		0.0050	0.0020	mg/L		08/12/14 15:28	08/20/14 05:57	1
Thallium	0.00050	U	0.0010	0.00050	mg/L		08/12/14 15:28	08/20/14 05:57	1
Zinc	**0.12**		0.020	0.0083	mg/L		08/12/14 15:28	08/20/14 05:57	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-19S
Date Collected: 08/05/14 12:21
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-27
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.019		0.0025	0.0013	mg/L		08/12/14 15:28	08/20/14 06:02	1
Cadmium	0.0053		0.00050	0.000095	mg/L		08/12/14 15:28	08/20/14 21:15	1
Lead	0.00033	J	0.0015	0.00020	mg/L		08/12/14 15:28	08/20/14 06:02	1
Nickel	0.048		0.0050	0.0020	mg/L		08/12/14 15:28	08/20/14 06:02	1
Zinc	3.0		0.020	0.0083	mg/L		08/12/14 15:28	08/20/14 06:02	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-20S
Date Collected: 08/06/14 08:30
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-28
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/12/14 15:28	08/20/14 06:08	1
Lead	**0.00028**	**J**	0.0015	0.00020	mg/L		08/12/14 15:28	08/20/14 06:08	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		08/12/14 15:28	08/20/14 06:08	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-22S
Date Collected: 08/05/14 15:51
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-29
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/12/14 15:28	08/20/14 06:13	1
Lead	0.00020	U	0.0015	0.00020	mg/L		08/12/14 15:28	08/20/14 06:13	1
Nickel	**0.0030**	**J**	0.0050	0.0020	mg/L		08/12/14 15:28	08/20/14 06:13	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-23S
Date Collected: 08/06/14 14:31
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-30
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/12/14 15:28	08/20/14 06:18	1
Barium	**0.27**		0.0050	0.0013	mg/L		08/12/14 15:28	08/20/14 21:36	1
Beryllium	**0.0015**		0.00050	0.00025	mg/L		08/12/14 15:28	08/20/14 21:36	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		08/12/14 15:28	08/20/14 21:36	1
Lead	**0.0046**		0.0015	0.00020	mg/L		08/12/14 15:28	08/20/14 06:18	1
Nickel	**0.0056**		0.0050	0.0020	mg/L		08/12/14 15:28	08/20/14 06:18	1
Thallium	0.00050	U	0.0010	0.00050	mg/L		08/12/14 15:28	08/20/14 06:18	1
Zinc	**0.023**		0.020	0.0083	mg/L		08/12/14 15:28	08/20/14 06:18	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-25S
Date Collected: 08/07/14 08:14
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-31
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/12/14 15:28	08/20/14 06:24	1
Lead	**0.0019**		0.0015	0.00020	mg/L		08/12/14 15:28	08/20/14 06:24	1
Nickel	**0.0023**	**J**	0.0050	0.0020	mg/L		08/12/14 15:28	08/20/14 06:24	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-26S
Date Collected: 08/06/14 09:44
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-32
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/12/14 15:28	08/20/14 06:29	1
Lead	**0.0044**		0.0015	0.00020	mg/L		08/12/14 15:28	08/20/14 06:29	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		08/12/14 15:28	08/20/14 06:29	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-33S
Date Collected: 08/07/14 11:34
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-33
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/12/14 15:28	08/20/14 06:34	1
Lead	0.00020	U	0.0015	0.00020	mg/L		08/12/14 15:28	08/20/14 06:34	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		08/12/14 15:28	08/20/14 06:34	1
Zinc	**0.011**	**J**	0.020	0.0083	mg/L		08/12/14 15:28	08/20/14 06:34	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-34S
Date Collected: 08/07/14 16:28
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-34
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.010		0.0025	0.0013	mg/L		08/12/14 15:28	08/20/14 06:40	1
Cadmium	0.0095		0.00050	0.000095	mg/L		08/12/14 15:28	08/20/14 22:05	1
Lead	0.0020		0.0015	0.00020	mg/L		08/12/14 15:28	08/20/14 06:40	1
Nickel	0.053		0.0050	0.0020	mg/L		08/12/14 15:28	08/20/14 06:40	1
Zinc	1.6		0.020	0.0083	mg/L		08/12/14 15:28	08/20/14 06:40	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-34I
Date Collected: 08/07/14 16:02
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-35
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/12/14 15:28	08/20/14 06:56	1
Lead	**0.0021**		0.0015	0.00020	mg/L		08/12/14 15:28	08/20/14 06:56	1
Nickel	**0.0036**	**J**	0.0050	0.0020	mg/L		08/12/14 15:28	08/20/14 06:56	1
Zinc	**0.013**	**J**	0.020	0.0083	mg/L		08/12/14 15:28	08/20/14 06:56	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0013	U	0.0025	0.0013	mg/L		08/14/14 08:43	08/16/14 07:45	1
Lead, Dissolved	**0.00059**	**J**	0.0015	0.00020	mg/L		08/14/14 08:43	08/16/14 07:45	1
Nickel, Dissolved	0.0020	U	0.0050	0.0020	mg/L		08/14/14 08:43	08/16/14 07:45	1
Zinc, Dissolved	0.0083	U	0.020	0.0083	mg/L		08/14/14 08:43	08/16/14 07:45	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-42S
Date Collected: 08/05/14 14:23
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-36
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.048**		0.0025	0.0013	mg/L		08/12/14 15:28	08/20/14 07:02	1
Barium	0.0013	U	0.0050	0.0013	mg/L		08/12/14 15:28	08/20/14 22:34	1
Beryllium	0.00025	U	0.00050	0.00025	mg/L		08/12/14 15:28	08/20/14 22:34	1
Cadmium	**0.0016**		0.00050	0.000095	mg/L		08/12/14 15:28	08/20/14 22:34	1
Lead	**0.00071**	**J**	0.0015	0.00020	mg/L		08/12/14 15:28	08/20/14 07:02	1
Nickel	**0.050**		0.0050	0.0020	mg/L		08/12/14 15:28	08/20/14 07:02	1
Zinc	**1.1**		0.020	0.0083	mg/L		08/12/14 15:28	08/20/14 07:02	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-43S
Date Collected: 08/08/14 09:18
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-37
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.014**		0.0025	0.0013	mg/L		08/12/14 15:28	08/20/14 07:07	1
Cadmium	**0.0019**		0.00050	0.000095	mg/L		08/12/14 15:28	08/20/14 22:41	1
Lead	0.00020	U	0.0015	0.00020	mg/L		08/12/14 15:28	08/20/14 07:07	1
Nickel	**0.029**		0.0050	0.0020	mg/L		08/12/14 15:28	08/20/14 07:07	1
Zinc	**0.15**		0.020	0.0083	mg/L		08/12/14 15:28	08/20/14 07:07	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-44S
Date Collected: 08/05/14 17:54
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-38
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/12/14 15:28	08/20/14 07:12	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		08/12/14 15:28	08/20/14 22:48	1
Lead	0.00020	U	0.0015	0.00020	mg/L		08/12/14 15:28	08/20/14 07:12	1
Nickel	**0.0066**		0.0050	0.0020	mg/L		08/12/14 15:28	08/20/14 07:12	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-46S
Date Collected: 08/06/14 11:12
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-39
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/12/14 15:28	08/20/14 07:18	1
Cadmium	**0.00029**	**J**	0.00050	0.000095	mg/L		08/12/14 15:28	08/20/14 22:55	1
Lead	**0.0062**		0.0015	0.00020	mg/L		08/12/14 15:28	08/20/14 07:18	1
Nickel	**0.0086**		0.0050	0.0020	mg/L		08/12/14 15:28	08/20/14 07:18	1
Zinc	**0.049**		0.020	0.0083	mg/L		08/12/14 15:28	08/20/14 07:18	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-47S
Date Collected: 08/07/14 14:36
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-40
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/12/14 15:28	08/20/14 07:23	1
Barium	**0.049**		0.0050	0.0013	mg/L		08/12/14 15:28	08/20/14 23:02	1
Beryllium	**0.00031**	**J**	0.00050	0.00025	mg/L		08/12/14 15:28	08/20/14 23:02	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		08/12/14 15:28	08/20/14 23:02	1
Lead	**0.00025**	**J**	0.0015	0.00020	mg/L		08/12/14 15:28	08/20/14 07:23	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		08/12/14 15:28	08/20/14 07:23	1
Thallium	0.00050	U	0.0010	0.00050	mg/L		08/12/14 15:28	08/20/14 07:23	1
Zinc	0.0083	U	0.020	0.0083	mg/L		08/12/14 15:28	08/20/14 07:23	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-TP2S
Date Collected: 08/07/14 09:35
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-41
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0017	J	0.0025	0.0013	mg/L		08/12/14 15:45	08/17/14 22:29	1
Lead	0.0019		0.0015	0.00020	mg/L		08/12/14 15:45	08/17/14 22:29	1
Nickel	0.0055		0.0050	0.0020	mg/L		08/12/14 15:45	08/17/14 22:29	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-TP3S
Date Collected: 08/06/14 17:21
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-42
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/12/14 15:45	08/17/14 23:05	1
Lead	**0.0012**	**J**	0.0015	0.00020	mg/L		08/12/14 15:45	08/17/14 23:05	1
Nickel	**0.0029**	**J**	0.0050	0.0020	mg/L		08/12/14 15:45	08/17/14 23:05	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: FFFW-3-R
Date Collected: 08/08/14 10:37
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-43
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.019**		0.0025	0.0013	mg/L		08/12/14 15:45	08/17/14 23:12	1
Lead	0.00020	U	0.0015	0.00020	mg/L		08/12/14 15:45	08/17/14 23:12	1
Nickel	**0.086**		0.0050	0.0020	mg/L		08/12/14 15:45	08/17/14 23:12	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-TP4S
Date Collected: 08/08/14 12:02
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-44
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/12/14 15:45	08/17/14 23:19	1
Barium	**0.21**		0.0050	0.0013	mg/L		08/12/14 15:45	08/17/14 23:19	1
Beryllium	**0.00075**		0.00050	0.00025	mg/L		08/12/14 15:45	08/17/14 23:19	1
Lead	**0.0040**		0.0015	0.00020	mg/L		08/12/14 15:45	08/17/14 23:19	1
Nickel	**0.0038**	**J**	0.0050	0.0020	mg/L		08/12/14 15:45	08/17/14 23:19	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-7I
Date Collected: 08/07/14 17:03
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-45
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.012		0.0025	0.0013	mg/L		08/12/14 15:45	08/17/14 23:41	1
Barium	2.0		0.0050	0.0013	mg/L		08/12/14 15:45	08/17/14 23:41	1
Beryllium	0.0039		0.00050	0.00025	mg/L		08/12/14 15:45	08/17/14 23:41	1
Lead	0.036		0.0015	0.00020	mg/L		08/12/14 15:45	08/17/14 23:41	1
Nickel	0.011		0.0050	0.0020	mg/L		08/12/14 15:45	08/17/14 23:41	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-12I
Date Collected: 08/07/14 11:18
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-46
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0018	J	0.0025	0.0013	mg/L		08/12/14 15:45	08/17/14 23:48	1
Barium	0.43		0.0050	0.0013	mg/L		08/12/14 15:45	08/17/14 23:48	1
Beryllium	0.0018		0.00050	0.00025	mg/L		08/12/14 15:45	08/17/14 23:48	1
Lead	0.0055		0.0015	0.00020	mg/L		08/12/14 15:45	08/17/14 23:48	1
Nickel	0.0075		0.0050	0.0020	mg/L		08/12/14 15:45	08/17/14 23:48	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-12S
Date Collected: 08/07/14 11:59
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-47
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.59		0.010	0.0052	mg/L		08/12/14 15:45	08/19/14 00:19	4
Barium	1.6		0.0050	0.0013	mg/L		08/12/14 15:45	08/17/14 23:55	1
Beryllium	0.038		0.00050	0.00025	mg/L		08/12/14 15:45	08/17/14 23:55	1
Cadmium	0.0068		0.00050	0.000095	mg/L		08/12/14 15:45	08/17/14 23:55	1
Copper	0.33		0.020	0.0044	mg/L		08/12/14 15:45	08/19/14 00:19	4
Lead	0.074		0.0060	0.00080	mg/L		08/12/14 15:45	08/19/14 00:19	4
Nickel	0.23		0.020	0.0080	mg/L		08/12/14 15:45	08/19/14 00:19	4
Selenium	0.10		0.0025	0.0010	mg/L		08/12/14 15:45	08/17/14 23:55	1
Thallium	0.0025	J	0.0040	0.0020	mg/L		08/12/14 15:45	08/19/14 00:19	4
Zinc	1.3		0.020	0.0083	mg/L		08/12/14 15:45	08/17/14 23:55	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-13I
Date Collected: 08/05/14 18:15
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-48
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/12/14 15:45	08/18/14 00:02	1
Lead	0.00020	U	0.0015	0.00020	mg/L		08/12/14 15:45	08/18/14 00:02	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		08/12/14 15:45	08/18/14 00:02	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-15S
Date Collected: 08/07/14 15:49
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-49
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.097		0.0025	0.0013	mg/L		08/12/14 15:45	08/18/14 00:10	1
Beryllium	0.0038		0.00050	0.00025	mg/L		08/12/14 15:45	08/18/14 00:10	1
Lead	0.026		0.0015	0.00020	mg/L		08/12/14 15:45	08/18/14 00:10	1
Nickel	0.039		0.0050	0.0020	mg/L		08/12/14 15:45	08/18/14 00:10	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-30S
Date Collected: 08/08/14 11:14
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-50
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/12/14 15:45	08/18/14 00:17	1
Barium	**2.0**		0.0050	0.0013	mg/L		08/12/14 15:45	08/18/14 00:17	1
Beryllium	**0.0031**		0.00050	0.00025	mg/L		08/12/14 15:45	08/18/14 00:17	1
Copper	**0.0057**		0.0050	0.0011	mg/L		08/12/14 15:45	08/18/14 00:17	1
Lead	**0.0097**		0.0015	0.00020	mg/L		08/12/14 15:45	08/18/14 00:17	1
Nickel	**0.0098**		0.0050	0.0020	mg/L		08/12/14 15:45	08/18/14 00:17	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-32I
Date Collected: 08/05/14 16:46
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-51
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.10		0.0025	0.0013	mg/L		08/12/14 15:45	08/18/14 00:24	1
Barium	0.41		0.0050	0.0013	mg/L		08/12/14 15:45	08/18/14 00:24	1
Beryllium	0.019		0.00050	0.00025	mg/L		08/12/14 15:45	08/18/14 00:24	1
Cadmium	0.0058		0.00050	0.000095	mg/L		08/12/14 15:45	08/18/14 00:24	1
Lead	0.091		0.0015	0.00020	mg/L		08/12/14 15:45	08/18/14 00:24	1
Nickel	0.098		0.0050	0.0020	mg/L		08/12/14 15:45	08/18/14 00:24	1
Thallium	0.0015		0.0010	0.00050	mg/L		08/12/14 15:45	08/18/14 00:24	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-32S-R
Date Collected: 08/05/14 12:38
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-52
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.010		0.0025	0.0013	mg/L		08/12/14 15:45	08/18/14 00:31	1
Lead	0.0013	J	0.0015	0.00020	mg/L		08/12/14 15:45	08/18/14 00:31	1
Nickel	0.024		0.0050	0.0020	mg/L		08/12/14 15:45	08/18/14 00:31	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-41S
Date Collected: 08/07/14 09:22
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-53
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.016		0.0025	0.0013	mg/L		08/12/14 15:45	08/18/14 00:38	1
Beryllium	0.0040		0.00050	0.00025	mg/L		08/12/14 15:45	08/18/14 00:38	1
Cadmium	0.0015		0.00050	0.000095	mg/L		08/12/14 15:45	08/18/14 00:38	1
Lead	0.024		0.0015	0.00020	mg/L		08/12/14 15:45	08/18/14 00:38	1
Nickel	0.023		0.0050	0.0020	mg/L		08/12/14 15:45	08/18/14 00:38	1
Thallium	0.0011		0.0010	0.00050	mg/L		08/12/14 15:45	08/18/14 00:38	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-49S
Date Collected: 08/06/14 14:26
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-54
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0048**		0.0025	0.0013	mg/L		08/12/14 15:45	08/18/14 00:45	1
Barium	**0.082**		0.0050	0.0013	mg/L		08/12/14 15:45	08/18/14 00:45	1
Beryllium	**0.00094**		0.00050	0.00025	mg/L		08/12/14 15:45	08/18/14 00:45	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		08/12/14 15:45	08/18/14 00:45	1
Copper	**0.013**		0.0050	0.0011	mg/L		08/12/14 15:45	08/18/14 00:45	1
Lead	**0.010**		0.0015	0.00020	mg/L		08/12/14 15:45	08/18/14 00:45	1
Nickel	**0.011**		0.0050	0.0020	mg/L		08/12/14 15:45	08/18/14 00:45	1
Selenium	0.0010	U	0.0025	0.0010	mg/L		08/12/14 15:45	08/18/14 00:45	1
Thallium	0.00050	U	0.0010	0.00050	mg/L		08/12/14 15:45	08/18/14 00:45	1
Zinc	**0.063**		0.020	0.0083	mg/L		08/12/14 15:45	08/18/14 00:45	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-49S(Dissolved)
Date Collected: 08/06/14 14:29
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-55
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0013	U	0.0025	0.0013	mg/L		08/12/14 15:45	08/18/14 01:07	1
Barium, Dissolved	**0.015**		0.0050	0.0013	mg/L		08/12/14 15:45	08/18/14 01:07	1
Beryllium, Dissolved	0.00025	U	0.00050	0.00025	mg/L		08/12/14 15:45	08/18/14 01:07	1
Cadmium, Dissolved	0.000095	U	0.00050	0.000095	mg/L		08/12/14 15:45	08/18/14 01:07	1
Copper, Dissolved	**0.0025**	**J**	0.0050	0.0011	mg/L		08/12/14 15:45	08/18/14 01:07	1
Lead, Dissolved	**0.00097**	**J**	0.0015	0.00020	mg/L		08/12/14 15:45	08/18/14 01:07	1
Nickel, Dissolved	0.0020	U	0.0050	0.0020	mg/L		08/12/14 15:45	08/18/14 01:07	1
Selenium, Dissolved	0.0010	U	0.0025	0.0010	mg/L		08/12/14 15:45	08/18/14 01:07	1
Thallium, Dissolved	0.00050	U	0.0010	0.00050	mg/L		08/12/14 15:45	08/18/14 01:07	1
Zinc, Dissolved	**0.0084**	**J**	0.020	0.0083	mg/L		08/12/14 15:45	08/18/14 01:07	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: DUP-6
Date Collected: 08/07/14 00:00
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-56
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.59		0.010	0.0052	mg/L		08/12/14 15:45	08/19/14 00:33	4
Barium	1.5		0.0050	0.0013	mg/L		08/12/14 15:45	08/18/14 01:14	1
Beryllium	0.038		0.00050	0.00025	mg/L		08/12/14 15:45	08/18/14 01:14	1
Cadmium	0.0067		0.00050	0.000095	mg/L		08/12/14 15:45	08/18/14 01:14	1
Copper	0.34		0.020	0.0044	mg/L		08/12/14 15:45	08/19/14 00:33	4
Lead	0.072		0.0060	0.00080	mg/L		08/12/14 15:45	08/19/14 00:33	4
Nickel	0.24		0.020	0.0080	mg/L		08/12/14 15:45	08/19/14 00:33	4
Selenium	0.10		0.0025	0.0010	mg/L		08/12/14 15:45	08/18/14 01:14	1
Thallium	0.0025	J	0.0040	0.0020	mg/L		08/12/14 15:45	08/19/14 00:33	4
Zinc	1.2		0.020	0.0083	mg/L		08/12/14 15:45	08/18/14 01:14	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: DUP-7
Date Collected: 08/07/14 00:00
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-57
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.11		0.0025	0.0013	mg/L		08/12/14 15:45	08/18/14 01:21	1
Barium	0.40		0.0050	0.0013	mg/L		08/12/14 15:45	08/18/14 01:21	1
Beryllium	0.019		0.00050	0.00025	mg/L		08/12/14 15:45	08/18/14 01:21	1
Cadmium	0.0056		0.00050	0.000095	mg/L		08/12/14 15:45	08/18/14 01:21	1
Lead	0.091		0.0015	0.00020	mg/L		08/12/14 15:45	08/18/14 01:21	1
Nickel	0.099		0.0050	0.0020	mg/L		08/12/14 15:45	08/18/14 01:21	1
Thallium	0.0015		0.0010	0.00050	mg/L		08/12/14 15:45	08/18/14 01:21	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: EQ-2
Date Collected: 08/07/14 07:04
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-58
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/12/14 15:45	08/18/14 01:28	1
Barium	0.0013	U	0.0050	0.0013	mg/L		08/12/14 15:45	08/18/14 01:28	1
Beryllium	0.00025	U	0.00050	0.00025	mg/L		08/12/14 15:45	08/18/14 01:28	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		08/12/14 15:45	08/18/14 01:28	1
Copper	0.0011	U	0.0050	0.0011	mg/L		08/12/14 15:45	08/18/14 01:28	1
Lead	0.00020	U	0.0015	0.00020	mg/L		08/12/14 15:45	08/18/14 01:28	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		08/12/14 15:45	08/18/14 01:28	1
Selenium	0.0010	U	0.0025	0.0010	mg/L		08/12/14 15:45	08/18/14 01:28	1
Thallium	0.00050	U	0.0010	0.00050	mg/L		08/12/14 15:45	08/18/14 01:28	1
Zinc	0.0083	U	0.020	0.0083	mg/L		08/12/14 15:45	08/18/14 01:28	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: EQ-3
Date Collected: 08/07/14 07:08
Date Received: 08/08/14 16:52

Lab Sample ID: 640-48809-59
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/12/14 15:45	08/18/14 01:36	1
Barium	0.0013	U	0.0050	0.0013	mg/L		08/12/14 15:45	08/18/14 01:36	1
Beryllium	0.00025	U	0.00050	0.00025	mg/L		08/12/14 15:45	08/18/14 01:36	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		08/12/14 15:45	08/18/14 01:36	1
Copper	0.0011	U	0.0050	0.0011	mg/L		08/12/14 15:45	08/18/14 01:36	1
Lead	0.00020	U	0.0015	0.00020	mg/L		08/12/14 15:45	08/18/14 01:36	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		08/12/14 15:45	08/18/14 01:36	1
Selenium	0.0010	U	0.0025	0.0010	mg/L		08/12/14 15:45	08/18/14 01:36	1
Thallium	0.00050	U	0.0010	0.00050	mg/L		08/12/14 15:45	08/18/14 01:36	1
Zinc	0.0083	U	0.020	0.0083	mg/L		08/12/14 15:45	08/18/14 01:36	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-11S
Date Collected: 08/11/14 13:42
Date Received: 08/13/14 13:26

Lab Sample ID: 640-48844-1
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0026**		0.0025	0.0013	mg/L		08/14/14 15:01	08/21/14 09:55	1
Lead	**0.00046**	**J**	0.0015	0.00020	mg/L		08/14/14 15:01	08/21/14 09:55	1
Nickel	**0.0033**	**J**	0.0050	0.0020	mg/L		08/14/14 15:01	08/21/14 09:55	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0022**	**J**	0.0025	0.0013	mg/L		08/22/14 12:18	08/24/14 21:43	1
Lead, Dissolved	0.00020	U	0.0015	0.00020	mg/L		08/22/14 12:18	08/24/14 21:43	1
Nickel, Dissolved	**0.0036**	**J**	0.0050	0.0020	mg/L		08/22/14 12:18	08/24/14 21:43	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-24S
Date Collected: 08/11/14 12:22
Date Received: 08/13/14 13:26

Lab Sample ID: 640-48844-2
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/14/14 15:01	08/21/14 10:32	1
Lead	**0.0033**		0.0015	0.00020	mg/L		08/14/14 15:01	08/21/14 10:32	1
Nickel	**0.0048**	**J**	0.0050	0.0020	mg/L		08/14/14 15:01	08/21/14 10:32	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-29S
Date Collected: 08/12/14 14:26
Date Received: 08/13/14 13:26

Lab Sample ID: 640-48844-3
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0028		0.0025	0.0013	mg/L		08/14/14 15:01	08/21/14 10:39	1
Barium	1.4		0.0050	0.0013	mg/L		08/14/14 15:01	08/21/14 10:39	1
Beryllium	0.0032		0.00050	0.00025	mg/L		08/14/14 15:01	08/21/14 10:39	1
Copper	0.015		0.0050	0.0011	mg/L		08/14/14 15:01	08/21/14 10:39	1
Lead	0.048		0.0015	0.00020	mg/L		08/14/14 15:01	08/21/14 10:39	1
Nickel	0.011		0.0050	0.0020	mg/L		08/14/14 15:01	08/21/14 10:39	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00069		0.00020	0.000091	mg/L		08/15/14 12:26	08/18/14 11:26	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-35S
Date Collected: 08/11/14 15:31
Date Received: 08/13/14 13:26

Lab Sample ID: 640-48844-4
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/14/14 15:01	08/21/14 10:47	1
Barium	**1.8**		0.0050	0.0013	mg/L		08/14/14 15:01	08/21/14 10:47	1
Lead	**0.015**		0.0015	0.00020	mg/L		08/14/14 15:01	08/21/14 10:47	1
Nickel	**0.0098**		0.0050	0.0020	mg/L		08/14/14 15:01	08/21/14 10:47	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00015**	**J**	0.00020	0.000091	mg/L		08/15/14 12:26	08/18/14 11:35	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-40S
Date Collected: 08/12/14 11:32
Date Received: 08/13/14 13:26

Lab Sample ID: 640-48844-5
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/14/14 15:01	08/21/14 11:09	1
Beryllium	0.00025	U	0.00050	0.00025	mg/L		08/14/14 15:01	08/21/14 11:09	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		08/14/14 15:01	08/21/14 11:09	1
Lead	**0.0012**	**J**	0.0015	0.00020	mg/L		08/14/14 15:01	08/21/14 11:09	1
Nickel	**0.0021**	**J**	0.0050	0.0020	mg/L		08/14/14 15:01	08/21/14 11:09	1
Thallium	0.00050	U	0.0010	0.00050	mg/L		08/14/14 15:01	08/21/14 11:09	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0013	U	0.0025	0.0013	mg/L		08/22/14 12:18	08/24/14 21:50	1
Beryllium, Dissolved	**0.00032**	**J**	0.00050	0.00025	mg/L		08/22/14 12:18	08/24/14 21:50	1
Cadmium, Dissolved	0.000095	U	0.00050	0.000095	mg/L		08/22/14 12:18	08/24/14 21:50	1
Lead, Dissolved	**0.00093**	**J**	0.0015	0.00020	mg/L		08/22/14 12:18	08/24/14 21:50	1
Nickel, Dissolved	0.0020	U	0.0050	0.0020	mg/L		08/22/14 12:18	08/24/14 21:50	1
Thallium, Dissolved	0.00050	U	0.0010	0.00050	mg/L		08/22/14 12:18	08/24/14 21:50	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: FFFW-1-R
Date Collected: 08/12/14 16:20
Date Received: 08/13/14 13:26

Lab Sample ID: 640-48844-6
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0025		0.0025	0.0013	mg/L		08/14/14 15:01	08/21/14 11:16	1
Lead	0.00050	J	0.0015	0.00020	mg/L		08/14/14 15:01	08/21/14 11:16	1
Nickel	0.0029	J	0.0050	0.0020	mg/L		08/14/14 15:01	08/21/14 11:16	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: FFFW-4-R
Date Collected: 08/11/14 17:59
Date Received: 08/13/14 13:26

Lab Sample ID: 640-48844-7
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0026		0.0025	0.0013	mg/L		08/14/14 15:01	08/21/14 11:24	1
Beryllium	0.0030		0.00050	0.00025	mg/L		08/14/14 15:01	08/21/14 11:24	1
Lead	0.0039		0.0015	0.00020	mg/L		08/14/14 15:01	08/21/14 11:24	1
Nickel	0.023		0.0050	0.0020	mg/L		08/14/14 15:01	08/21/14 11:24	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0023	J	0.0025	0.0013	mg/L		08/22/14 12:18	08/24/14 22:27	1
Beryllium, Dissolved	0.0036		0.00050	0.00025	mg/L		08/22/14 12:18	08/24/14 22:27	1
Lead, Dissolved	0.0015		0.0015	0.00020	mg/L		08/22/14 12:18	08/24/14 22:27	1
Nickel, Dissolved	0.023		0.0050	0.0020	mg/L		08/22/14 12:18	08/24/14 22:27	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-TP1I
Date Collected: 08/13/14 08:21
Date Received: 08/13/14 13:26

Lab Sample ID: 640-48844-8
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/14/14 15:01	08/21/14 11:31	1
Lead	0.00020	U	0.0015	0.00020	mg/L		08/14/14 15:01	08/21/14 11:31	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		08/14/14 15:01	08/21/14 11:31	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-TP1S
Date Collected: 08/13/14 09:31
Date Received: 08/13/14 13:26

Lab Sample ID: 640-48844-9
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/14/14 15:01	08/21/14 11:38	1
Lead	**0.010**		0.0015	0.00020	mg/L		08/14/14 15:01	08/21/14 11:38	1
Nickel	**0.013**		0.0050	0.0020	mg/L		08/14/14 15:01	08/21/14 11:38	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-TP5I
Date Collected: 08/11/14 10:25
Date Received: 08/13/14 13:26

Lab Sample ID: 640-48844-10
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/14/14 15:01	08/21/14 11:46	1
Lead	**0.0010**	**J**	0.0015	0.00020	mg/L		08/14/14 15:01	08/21/14 11:46	1
Nickel	**0.0036**	**J**	0.0050	0.0020	mg/L		08/14/14 15:01	08/21/14 11:46	1
Zinc	**0.019**	**J**	0.020	0.0083	mg/L		08/14/14 15:01	08/21/14 11:46	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0013	U	0.0025	0.0013	mg/L		08/22/14 12:18	08/24/14 22:34	1
Lead, Dissolved	**0.00078**	**J**	0.0015	0.00020	mg/L		08/22/14 12:18	08/24/14 22:34	1
Nickel, Dissolved	**0.0039**	**J**	0.0050	0.0020	mg/L		08/22/14 12:18	08/24/14 22:34	1
Zinc, Dissolved	**0.014**	**J**	0.020	0.0083	mg/L		08/22/14 12:18	08/24/14 22:34	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-TP5S
Date Collected: 08/11/14 10:55
Date Received: 08/13/14 13:26

Lab Sample ID: 640-48844-11
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.14**		0.0025	0.0013	mg/L		08/14/14 15:01	08/21/14 11:53	1
Barium	**46**		0.20	0.052	mg/L		08/14/14 15:01	08/22/14 10:47	40
Beryllium	**0.32**		0.00050	0.00025	mg/L		08/14/14 15:01	08/21/14 11:53	1
Cadmium	**0.015**		0.00050	0.000095	mg/L		08/14/14 15:01	08/21/14 11:53	1
Lead	**3.3**		0.060	0.0080	mg/L		08/14/14 15:01	08/22/14 10:47	40
Nickel	**0.75**		0.0050	0.0020	mg/L		08/14/14 15:01	08/21/14 11:53	1
Selenium	**0.070**		0.0025	0.0010	mg/L		08/14/14 15:01	08/21/14 11:53	1
Thallium	0.020	U	0.040	0.020	mg/L		08/14/14 15:01	08/22/14 10:47	40
Zinc	**1.7**		0.020	0.0083	mg/L		08/14/14 15:01	08/21/14 11:53	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: FFFW-2I
Date Collected: 08/12/14 16:57
Date Received: 08/13/14 13:26

Lab Sample ID: 640-48844-12
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/14/14 15:01	08/21/14 12:01	1
Lead	**0.00026**	**J**	0.0015	0.00020	mg/L		08/14/14 15:01	08/21/14 12:01	1
Nickel	**0.0063**		0.0050	0.0020	mg/L		08/14/14 15:01	08/21/14 12:01	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: FFFW-2-R
Date Collected: 08/12/14 17:19
Date Received: 08/13/14 13:26

Lab Sample ID: 640-48844-13
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.014		0.0025	0.0013	mg/L		08/14/14 15:01	08/21/14 12:08	1
Barium	3.5		0.0050	0.0013	mg/L		08/14/14 15:01	08/21/14 12:08	1
Beryllium	0.037		0.00050	0.00025	mg/L		08/14/14 15:01	08/21/14 12:08	1
Cadmium	0.0036		0.00050	0.000095	mg/L		08/14/14 15:01	08/21/14 12:08	1
Lead	0.22		0.0015	0.00020	mg/L		08/14/14 15:01	08/21/14 12:08	1
Nickel	0.10		0.0050	0.0020	mg/L		08/14/14 15:01	08/21/14 12:08	1
Thallium	0.0013		0.0010	0.00050	mg/L		08/14/14 15:01	08/21/14 12:08	1
Zinc	0.21		0.020	0.0083	mg/L		08/14/14 15:01	08/21/14 12:08	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-21S
Date Collected: 08/11/14 12:56
Date Received: 08/13/14 13:26

Lab Sample ID: 640-48844-14
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0058**		0.0025	0.0013	mg/L		08/14/14 15:01	08/21/14 12:15	1
Beryllium	0.00025	U	0.00050	0.00025	mg/L		08/14/14 15:01	08/21/14 12:15	1
Cadmium	**0.00011**	**J**	0.00050	0.000095	mg/L		08/14/14 15:01	08/21/14 12:15	1
Lead	**0.0011**	**J**	0.0015	0.00020	mg/L		08/14/14 15:01	08/21/14 12:15	1
Nickel	**0.015**		0.0050	0.0020	mg/L		08/14/14 15:01	08/21/14 12:15	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-28S
Date Collected: 08/11/14 15:41
Date Received: 08/13/14 13:26

Lab Sample ID: 640-48844-15
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0021	J	0.0025	0.0013	mg/L		08/14/14 15:01	08/21/14 12:37	1
Barium	2.8		0.0050	0.0013	mg/L		08/14/14 15:01	08/21/14 12:37	1
Beryllium	0.0037		0.00050	0.00025	mg/L		08/14/14 15:01	08/21/14 12:37	1
Lead	0.021		0.0015	0.00020	mg/L		08/14/14 15:01	08/21/14 12:37	1
Nickel	0.019		0.0050	0.0020	mg/L		08/14/14 15:01	08/21/14 12:37	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-31S
Date Collected: 08/13/14 10:39
Date Received: 08/13/14 13:26

Lab Sample ID: 640-48844-16
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/14/14 15:01	08/21/14 12:45	1
Barium	**0.053**		0.0050	0.0013	mg/L		08/14/14 15:01	08/21/14 12:45	1
Beryllium	**0.00025**	**J**	0.00050	0.00025	mg/L		08/14/14 15:01	08/21/14 12:45	1
Lead	**0.0023**		0.0015	0.00020	mg/L		08/14/14 15:01	08/21/14 12:45	1
Nickel	**0.0023**	**J**	0.0050	0.0020	mg/L		08/14/14 15:01	08/21/14 12:45	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-31S (Dissolved)
Date Collected: 08/13/14 10:41
Date Received: 08/13/14 13:26

Lab Sample ID: 640-48844-17
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0013	U	0.0025	0.0013	mg/L		08/14/14 15:01	08/21/14 12:52	1
Barium, Dissolved	**0.052**		0.0050	0.0013	mg/L		08/14/14 15:01	08/21/14 12:52	1
Beryllium, Dissolved	0.00025	U	0.00050	0.00025	mg/L		08/14/14 15:01	08/21/14 12:52	1
Lead, Dissolved	**0.0022**		0.0015	0.00020	mg/L		08/14/14 15:01	08/21/14 12:52	1
Nickel, Dissolved	0.0020	U	0.0050	0.0020	mg/L		08/14/14 15:01	08/21/14 12:52	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-45S
Date Collected: 08/11/14 18:08
Date Received: 08/13/14 13:26

Lab Sample ID: 640-48844-18
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.019**		0.0025	0.0013	mg/L		08/14/14 15:01	08/21/14 13:00	1
Lead	0.00020	U	0.0015	0.00020	mg/L		08/14/14 15:01	08/21/14 13:00	1
Nickel	**0.0050**		0.0050	0.0020	mg/L		08/14/14 15:01	08/21/14 13:00	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-48S
Date Collected: 08/13/14 10:15
Date Received: 08/13/14 13:26

Lab Sample ID: 640-48844-19
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/14/14 15:01	08/21/14 13:07	1
Barium	**2.0**		0.0050	0.0013	mg/L		08/14/14 15:01	08/21/14 13:07	1
Beryllium	**0.0037**		0.00050	0.00025	mg/L		08/14/14 15:01	08/21/14 13:07	1
Cadmium	**0.00030**	**J**	0.00050	0.000095	mg/L		08/14/14 15:01	08/21/14 13:07	1
Copper	**0.012**		0.0050	0.0011	mg/L		08/14/14 15:01	08/21/14 13:07	1
Lead	**0.017**		0.0015	0.00020	mg/L		08/14/14 15:01	08/21/14 13:07	1
Nickel	**0.014**		0.0050	0.0020	mg/L		08/14/14 15:01	08/21/14 13:07	1
Selenium	0.0010	U	0.0025	0.0010	mg/L		08/14/14 15:01	08/21/14 13:07	1
Thallium	0.00050	U	0.0010	0.00050	mg/L		08/14/14 15:01	08/21/14 13:07	1
Zinc	**0.047**		0.020	0.0083	mg/L		08/14/14 15:01	08/21/14 13:07	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: DUP-2
Date Collected: 08/12/14 00:00
Date Received: 08/13/14 13:26

Lab Sample ID: 640-48844-20
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0028		0.0025	0.0013	mg/L		08/14/14 15:01	08/21/14 13:14	1
Barium	1.4		0.0050	0.0013	mg/L		08/14/14 15:01	08/21/14 13:14	1
Beryllium	0.0031		0.00050	0.00025	mg/L		08/14/14 15:01	08/21/14 13:14	1
Copper	0.015		0.0050	0.0011	mg/L		08/14/14 15:01	08/21/14 13:14	1
Lead	0.048		0.0015	0.00020	mg/L		08/14/14 15:01	08/21/14 13:14	1
Nickel	0.012		0.0050	0.0020	mg/L		08/14/14 15:01	08/21/14 13:14	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00067		0.00020	0.000091	mg/L		08/15/14 12:26	08/18/14 11:38	1

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: DUP-4
Date Collected: 08/11/14 00:00
Date Received: 08/13/14 13:26

Lab Sample ID: 640-48844-21
Matrix: Water

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.17		0.010	0.0052	mg/L		08/22/14 12:18	08/25/14 10:30	4
Barium	47		0.050	0.013	mg/L		08/22/14 12:18	08/24/14 22:57	10
Beryllium	0.35		0.0020	0.0010	mg/L		08/22/14 12:18	08/25/14 10:30	4
Cadmium	0.016		0.0020	0.00038	mg/L		08/22/14 12:18	08/25/14 10:30	4
Lead	2.8		0.0060	0.00080	mg/L		08/22/14 12:18	08/25/14 10:30	4
Nickel	0.89		0.020	0.0080	mg/L		08/22/14 12:18	08/25/14 10:30	4
Selenium	0.055		0.010	0.0040	mg/L		08/22/14 12:18	08/25/14 10:30	4
Thallium	0.0068		0.0040	0.0020	mg/L		08/22/14 12:18	08/25/14 10:30	4
Zinc	2.0		0.080	0.033	mg/L		08/22/14 12:18	08/25/14 10:30	4

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 680-343697/1-A
Matrix: Water
Analysis Batch: 344610

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 343697

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/12/14 15:10	08/17/14 18:19	1
Barium	0.0013	U	0.0050	0.0013	mg/L		08/12/14 15:10	08/17/14 18:19	1
Beryllium	0.00025	U	0.00050	0.00025	mg/L		08/12/14 15:10	08/17/14 18:19	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		08/12/14 15:10	08/17/14 18:19	1
Copper	0.0011	U	0.0050	0.0011	mg/L		08/12/14 15:10	08/17/14 18:19	1
Lead	0.00020	U	0.0015	0.00020	mg/L		08/12/14 15:10	08/17/14 18:19	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		08/12/14 15:10	08/17/14 18:19	1
Selenium	0.0010	U	0.0025	0.0010	mg/L		08/12/14 15:10	08/17/14 18:19	1
Thallium	0.00050	U	0.0010	0.00050	mg/L		08/12/14 15:10	08/17/14 18:19	1
Zinc	0.0083	U	0.020	0.0083	mg/L		08/12/14 15:10	08/17/14 18:19	1

Lab Sample ID: LCS 680-343697/2-A
Matrix: Water
Analysis Batch: 344610

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 343697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.100	0.106		mg/L		106	75 - 125
Barium	0.100	0.103		mg/L		103	75 - 125
Beryllium	0.0500	0.0511		mg/L		102	75 - 125
Cadmium	0.0500	0.0523		mg/L		105	75 - 125
Copper	0.100	0.104		mg/L		104	75 - 125
Lead	0.0500	0.0498		mg/L		100	75 - 125
Nickel	0.100	0.104		mg/L		104	75 - 125
Selenium	0.100	0.103		mg/L		103	75 - 125
Thallium	0.0400	0.0401		mg/L		100	75 - 125
Zinc	0.100	0.106		mg/L		106	75 - 125

Lab Sample ID: 640-48809-1 MS
Matrix: Water
Analysis Batch: 344610

Client Sample ID: MW-9S-R
Prep Type: Total Recoverable
Prep Batch: 343697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.062		0.100	0.154		mg/L		92	75 - 125
Barium	0.020		0.100	0.119		mg/L		99	75 - 125
Beryllium	0.0018		0.0500	0.0535		mg/L		103	75 - 125
Cadmium	0.00031		0.0500	0.0502		mg/L		100	75 - 125
Copper	0.0029		0.100	0.0910		mg/L		88	75 - 125
Lead	0.024		0.0500	0.0674		mg/L		86	75 - 125
Nickel	0.0072		0.100	0.0961		mg/L		89	75 - 125
Selenium	0.012		0.100	0.109		mg/L		97	75 - 125
Thallium	0.00050		0.0400	0.0408		mg/L		102	75 - 125
Zinc	0.21		0.100	0.307		mg/L		99	75 - 125

Lab Sample ID: 640-48809-1 MSD
Matrix: Water
Analysis Batch: 344610

Client Sample ID: MW-9S-R
Prep Type: Total Recoverable
Prep Batch: 343697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.062		0.100	0.155		mg/L		93	75 - 125	1	20

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 640-48809-1 MSD — **Client Sample ID: MW-9S-R**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 344610 — **Prep Batch: 343697**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Barium	0.020		0.100	0.119		mg/L		100	75 - 125	0	20
Beryllium	0.0018		0.0500	0.0535		mg/L		103	75 - 125	0	20
Cadmium	0.00031		0.0500	0.0504		mg/L		100	75 - 125	0	20
Copper	0.0029		0.100	0.0916		mg/L		89	75 - 125	1	20
Lead	0.024		0.0500	0.0671		mg/L		86	75 - 125	0	20
Nickel	0.0072		0.100	0.0980		mg/L		91	75 - 125	2	20
Selenium	0.012		0.100	0.112		mg/L		100	75 - 125	3	20
Thallium	0.00050		0.0400	0.0406		mg/L		102	75 - 125	0	20
Zinc	0.21		0.100	0.300		mg/L		92	75 - 125	2	20

Lab Sample ID: MB 680-343708/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 345077 — **Prep Batch: 343708**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/12/14 15:28	08/20/14 04:47	1
Lead	0.00020	U	0.0015	0.00020	mg/L		08/12/14 15:28	08/20/14 04:47	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		08/12/14 15:28	08/20/14 04:47	1
Selenium	0.0010	U	0.0025	0.0010	mg/L		08/12/14 15:28	08/20/14 04:47	1
Thallium	0.00050	U	0.0010	0.00050	mg/L		08/12/14 15:28	08/20/14 04:47	1
Zinc	0.0083	U	0.020	0.0083	mg/L		08/12/14 15:28	08/20/14 04:47	1

Lab Sample ID: MB 680-343708/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 345434 — **Prep Batch: 343708**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.0013	U	0.0050	0.0013	mg/L		08/12/14 15:28	08/21/14 18:26	1
Beryllium	0.00025	U	0.00050	0.00025	mg/L		08/12/14 15:28	08/21/14 18:26	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		08/12/14 15:28	08/21/14 18:26	1
Copper	0.0011	U	0.0050	0.0011	mg/L		08/12/14 15:28	08/21/14 18:26	1

Lab Sample ID: LCS 680-343708/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 345077 — **Prep Batch: 343708**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.100	0.115		mg/L		115	75 - 125
Lead	0.0500	0.0550		mg/L		110	75 - 125
Nickel	0.100	0.108		mg/L		108	75 - 125
Selenium	0.100	0.112		mg/L		112	75 - 125
Thallium	0.0400	0.0430		mg/L		108	75 - 125
Zinc	0.100	0.111		mg/L		111	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-343708/2-A
Matrix: Water
Analysis Batch: 345434

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 343708

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	0.100	0.101		mg/L		101	75 - 125
Beryllium	0.0500	0.0525		mg/L		105	75 - 125
Cadmium	0.0500	0.0519		mg/L		104	75 - 125
Copper	0.100	0.0990		mg/L		99	75 - 125

Lab Sample ID: 640-48809-21 MS
Matrix: Water
Analysis Batch: 345077

Client Sample ID: MW-6S-R
Prep Type: Total Recoverable
Prep Batch: 343708

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0085		0.100	0.137	F1	mg/L		129	75 - 125
Lead	0.0097		0.0500	0.0678		mg/L		116	75 - 125
Nickel	0.42		0.100	0.540	4	mg/L		116	75 - 125
Selenium	0.031		0.100	0.162	F1	mg/L		132	75 - 125
Thallium	0.00086		0.0400	0.0474		mg/L		116	75 - 125
Zinc	2.8		0.100	2.88	4	mg/L		110	75 - 125

Lab Sample ID: 640-48809-21 MS
Matrix: Water
Analysis Batch: 345434

Client Sample ID: MW-6S-R
Prep Type: Total Recoverable
Prep Batch: 343708

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	0.011		0.100	0.107		mg/L		96	75 - 125
Beryllium	0.018		0.0500	0.0684		mg/L		100	75 - 125
Cadmium	0.019		0.0500	0.0641		mg/L		91	75 - 125
Copper	0.33		0.100	0.403		mg/L		75	75 - 125

Lab Sample ID: 640-48809-21 MSD
Matrix: Water
Analysis Batch: 345077

Client Sample ID: MW-6S-R
Prep Type: Total Recoverable
Prep Batch: 343708

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.0085		0.100	0.138	F1	mg/L		130	75 - 125	1	20
Lead	0.0097		0.0500	0.0683		mg/L		117	75 - 125	1	20
Nickel	0.42		0.100	0.543	4	mg/L		119	75 - 125	1	20
Selenium	0.031		0.100	0.163	F1	mg/L		132	75 - 125	0	20
Thallium	0.00086		0.0400	0.0471		mg/L		116	75 - 125	1	20
Zinc	2.8		0.100	2.88	4	mg/L		110	75 - 125	0	20

Lab Sample ID: 640-48809-21 MSD
Matrix: Water
Analysis Batch: 345434

Client Sample ID: MW-6S-R
Prep Type: Total Recoverable
Prep Batch: 343708

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Barium	0.011		0.100	0.110		mg/L		99	75 - 125	3	20
Beryllium	0.018		0.0500	0.0704		mg/L		104	75 - 125	3	20
Cadmium	0.019		0.0500	0.0657		mg/L		94	75 - 125	3	20
Copper	0.33		0.100	0.421		mg/L		93	75 - 125	4	20

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-343713/1-A
Matrix: Water
Analysis Batch: 344610

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 343713

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/12/14 15:45	08/17/14 22:15	1
Arsenic, Dissolved	0.0013	U	0.0025	0.0013	mg/L		08/12/14 15:45	08/17/14 22:15	1
Barium	0.0013	U	0.0050	0.0013	mg/L		08/12/14 15:45	08/17/14 22:15	1
Barium, Dissolved	0.0013	U	0.0050	0.0013	mg/L		08/12/14 15:45	08/17/14 22:15	1
Beryllium	0.00025	U	0.00050	0.00025	mg/L		08/12/14 15:45	08/17/14 22:15	1
Beryllium, Dissolved	0.00025	U	0.00050	0.00025	mg/L		08/12/14 15:45	08/17/14 22:15	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		08/12/14 15:45	08/17/14 22:15	1
Cadmium, Dissolved	0.000095	U	0.00050	0.000095	mg/L		08/12/14 15:45	08/17/14 22:15	1
Copper	0.0011	U	0.0050	0.0011	mg/L		08/12/14 15:45	08/17/14 22:15	1
Copper, Dissolved	0.0011	U	0.0050	0.0011	mg/L		08/12/14 15:45	08/17/14 22:15	1
Lead	0.00020	U	0.0015	0.00020	mg/L		08/12/14 15:45	08/17/14 22:15	1
Lead, Dissolved	0.00020	U	0.0015	0.00020	mg/L		08/12/14 15:45	08/17/14 22:15	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		08/12/14 15:45	08/17/14 22:15	1
Nickel, Dissolved	0.0020	U	0.0050	0.0020	mg/L		08/12/14 15:45	08/17/14 22:15	1
Selenium	0.0010	U	0.0025	0.0010	mg/L		08/12/14 15:45	08/17/14 22:15	1
Selenium, Dissolved	0.0010	U	0.0025	0.0010	mg/L		08/12/14 15:45	08/17/14 22:15	1
Thallium	0.00050	U	0.0010	0.00050	mg/L		08/12/14 15:45	08/17/14 22:15	1
Thallium, Dissolved	0.00050	U	0.0010	0.00050	mg/L		08/12/14 15:45	08/17/14 22:15	1
Zinc	0.0083	U	0.020	0.0083	mg/L		08/12/14 15:45	08/17/14 22:15	1
Zinc, Dissolved	0.0083	U	0.020	0.0083	mg/L		08/12/14 15:45	08/17/14 22:15	1

Lab Sample ID: LCS 680-343713/2-A
Matrix: Water
Analysis Batch: 344610

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 343713

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.100	0.108		mg/L		108	75 - 125
Arsenic, Dissolved	0.100	0.108		mg/L		108	75 - 125
Barium	0.100	0.103		mg/L		103	75 - 125
Barium, Dissolved	0.100	0.103		mg/L		103	75 - 125
Beryllium	0.0500	0.0559		mg/L		112	75 - 125
Beryllium, Dissolved	0.0500	0.0559		mg/L		112	75 - 125
Cadmium	0.0500	0.0512		mg/L		102	75 - 125
Cadmium, Dissolved	0.0500	0.0512		mg/L		102	75 - 125
Copper	0.100	0.105		mg/L		105	75 - 125
Copper, Dissolved	0.100	0.105		mg/L		105	75 - 125
Lead	0.0500	0.0489		mg/L		98	75 - 125
Lead, Dissolved	0.0500	0.0489		mg/L		98	75 - 125
Nickel	0.100	0.106		mg/L		106	75 - 125
Nickel, Dissolved	0.100	0.106		mg/L		106	75 - 125
Selenium	0.100	0.104		mg/L		104	75 - 125
Selenium, Dissolved	0.100	0.104		mg/L		104	75 - 125
Thallium	0.0400	0.0405		mg/L		101	75 - 125
Thallium, Dissolved	0.0400	0.0405		mg/L		101	75 - 125
Zinc	0.100	0.107		mg/L		107	75 - 125
Zinc, Dissolved	0.100	0.107		mg/L		107	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 640-48809-41 MS
Matrix: Water
Analysis Batch: 344610

Client Sample ID: MW-TP2S
Prep Type: Total Recoverable
Prep Batch: 343713

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0017	J	0.100	0.103		mg/L		101	75 - 125
Arsenic, Dissolved	0.0017		0.100	0.103		mg/L		101	75 - 125
Barium	0.093		0.100	0.187		mg/L		95	75 - 125
Barium, Dissolved	0.093		0.100	0.187		mg/L		95	75 - 125
Beryllium	0.0034		0.0500	0.0530		mg/L		99	75 - 125
Beryllium, Dissolved	0.0034		0.0500	0.0530		mg/L		99	75 - 125
Cadmium	0.00018		0.0500	0.0489		mg/L		97	75 - 125
Cadmium, Dissolved	0.00018		0.0500	0.0489		mg/L		97	75 - 125
Copper	0.0034		0.100	0.102		mg/L		99	75 - 125
Copper, Dissolved	0.0034		0.100	0.102		mg/L		99	75 - 125
Lead	0.0019		0.0500	0.0485		mg/L		93	75 - 125
Lead, Dissolved	0.0019		0.0500	0.0485		mg/L		93	75 - 125
Nickel	0.0055		0.100	0.104		mg/L		99	75 - 125
Nickel, Dissolved	0.0055		0.100	0.104		mg/L		99	75 - 125
Selenium	0.0010		0.100	0.100		mg/L		100	75 - 125
Selenium, Dissolved	0.0010		0.100	0.100		mg/L		100	75 - 125
Thallium	0.00050		0.0400	0.0396		mg/L		99	75 - 125
Thallium, Dissolved	0.00050		0.0400	0.0396		mg/L		99	75 - 125
Zinc	0.046		0.100	0.142		mg/L		96	75 - 125
Zinc, Dissolved	0.046		0.100	0.142		mg/L		96	75 - 125

Lab Sample ID: 640-48809-41 MSD
Matrix: Water
Analysis Batch: 344610

Client Sample ID: MW-TP2S
Prep Type: Total Recoverable
Prep Batch: 343713

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.0017	J	0.100	0.102		mg/L		100	75 - 125	1	20
Arsenic, Dissolved	0.0017		0.100	0.102		mg/L		100	75 - 125	1	20
Barium	0.093		0.100	0.193		mg/L		101	75 - 125	3	20
Barium, Dissolved	0.093		0.100	0.193		mg/L		101	75 - 125	3	20
Beryllium	0.0034		0.0500	0.0532		mg/L		100	75 - 125	0	20
Beryllium, Dissolved	0.0034		0.0500	0.0532		mg/L		100	75 - 125	0	20
Cadmium	0.00018		0.0500	0.0499		mg/L		99	75 - 125	2	20
Cadmium, Dissolved	0.00018		0.0500	0.0499		mg/L		99	75 - 125	2	20
Copper	0.0034		0.100	0.0992		mg/L		96	75 - 125	3	20
Copper, Dissolved	0.0034		0.100	0.0992		mg/L		96	75 - 125	3	20
Lead	0.0019		0.0500	0.0489		mg/L		94	75 - 125	1	20
Lead, Dissolved	0.0019		0.0500	0.0489		mg/L		94	75 - 125	1	20
Nickel	0.0055		0.100	0.102		mg/L		96	75 - 125	3	20
Nickel, Dissolved	0.0055		0.100	0.102		mg/L		96	75 - 125	3	20
Selenium	0.0010		0.100	0.100		mg/L		100	75 - 125	0	20
Selenium, Dissolved	0.0010		0.100	0.100		mg/L		100	75 - 125	0	20
Thallium	0.00050		0.0400	0.0397		mg/L		99	75 - 125	0	20
Thallium, Dissolved	0.00050		0.0400	0.0397		mg/L		99	75 - 125	0	20
Zinc	0.046		0.100	0.144		mg/L		98	75 - 125	1	20
Zinc, Dissolved	0.046		0.100	0.144		mg/L		98	75 - 125	1	20

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-344019/1-A
Matrix: Water
Analysis Batch: 344507

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 344019

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0013	U	0.0025	0.0013	mg/L		08/14/14 08:43	08/16/14 07:30	1
Barium, Dissolved	0.0013	U	0.0050	0.0013	mg/L		08/14/14 08:43	08/16/14 07:30	1
Beryllium, Dissolved	0.00025	U	0.00050	0.00025	mg/L		08/14/14 08:43	08/16/14 07:30	1
Cadmium, Dissolved	0.000095	U	0.00050	0.000095	mg/L		08/14/14 08:43	08/16/14 07:30	1
Copper, Dissolved	0.0011	U	0.0050	0.0011	mg/L		08/14/14 08:43	08/16/14 07:30	1
Lead, Dissolved	0.00020	U	0.0015	0.00020	mg/L		08/14/14 08:43	08/16/14 07:30	1
Nickel, Dissolved	0.0020	U	0.0050	0.0020	mg/L		08/14/14 08:43	08/16/14 07:30	1
Selenium, Dissolved	0.0010	U	0.0025	0.0010	mg/L		08/14/14 08:43	08/16/14 07:30	1
Thallium, Dissolved	0.00050	U	0.0010	0.00050	mg/L		08/14/14 08:43	08/16/14 07:30	1
Zinc, Dissolved	0.0083	U	0.020	0.0083	mg/L		08/14/14 08:43	08/16/14 07:30	1

Lab Sample ID: LCS 680-344019/2-A
Matrix: Water
Analysis Batch: 344507

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 344019

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic, Dissolved	0.100	0.118		mg/L		118	75 - 125
Barium, Dissolved	0.100	0.110		mg/L		110	75 - 125
Beryllium, Dissolved	0.0500	0.0592		mg/L		118	75 - 125
Cadmium, Dissolved	0.0500	0.0565		mg/L		113	75 - 125
Copper, Dissolved	0.100	0.117		mg/L		117	75 - 125
Lead, Dissolved	0.0500	0.0545		mg/L		109	75 - 125
Nickel, Dissolved	0.100	0.119		mg/L		119	75 - 125
Selenium, Dissolved	0.100	0.121		mg/L		121	75 - 125
Thallium, Dissolved	0.0400	0.0425		mg/L		106	75 - 125
Zinc, Dissolved	0.100	0.114		mg/L		114	75 - 125

Lab Sample ID: MB 680-344178/1-A
Matrix: Water
Analysis Batch: 345457

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 344178

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/14/14 15:01	08/21/14 09:41	1
Arsenic, Dissolved	0.0013	U	0.0025	0.0013	mg/L		08/14/14 15:01	08/21/14 09:41	1
Barium	0.0013	U	0.0050	0.0013	mg/L		08/14/14 15:01	08/21/14 09:41	1
Barium, Dissolved	0.0013	U	0.0050	0.0013	mg/L		08/14/14 15:01	08/21/14 09:41	1
Beryllium	0.00025	U	0.00050	0.00025	mg/L		08/14/14 15:01	08/21/14 09:41	1
Beryllium, Dissolved	0.00025	U	0.00050	0.00025	mg/L		08/14/14 15:01	08/21/14 09:41	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		08/14/14 15:01	08/21/14 09:41	1
Cadmium, Dissolved	0.000095	U	0.00050	0.000095	mg/L		08/14/14 15:01	08/21/14 09:41	1
Copper	0.0011	U	0.0050	0.0011	mg/L		08/14/14 15:01	08/21/14 09:41	1
Copper, Dissolved	0.0011	U	0.0050	0.0011	mg/L		08/14/14 15:01	08/21/14 09:41	1
Lead	0.00020	U	0.0015	0.00020	mg/L		08/14/14 15:01	08/21/14 09:41	1
Lead, Dissolved	0.00020	U	0.0015	0.00020	mg/L		08/14/14 15:01	08/21/14 09:41	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		08/14/14 15:01	08/21/14 09:41	1
Nickel, Dissolved	0.0020	U	0.0050	0.0020	mg/L		08/14/14 15:01	08/21/14 09:41	1
Selenium	0.0010	U	0.0025	0.0010	mg/L		08/14/14 15:01	08/21/14 09:41	1
Selenium, Dissolved	0.0010	U	0.0025	0.0010	mg/L		08/14/14 15:01	08/21/14 09:41	1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-344178/1-A
Matrix: Water
Analysis Batch: 345457

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 344178

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.00050	U	0.0010	0.00050	mg/L		08/14/14 15:01	08/21/14 09:41	1
Thallium, Dissolved	0.00050	U	0.0010	0.00050	mg/L		08/14/14 15:01	08/21/14 09:41	1
Zinc	0.0083	U	0.020	0.0083	mg/L		08/14/14 15:01	08/21/14 09:41	1
Zinc, Dissolved	0.0083	U	0.020	0.0083	mg/L		08/14/14 15:01	08/21/14 09:41	1

Lab Sample ID: LCS 680-344178/2-A
Matrix: Water
Analysis Batch: 345457

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 344178

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.100	0.0940		mg/L		94	75 - 125
Arsenic, Dissolved	0.100	0.0940		mg/L		94	75 - 125
Barium	0.100	0.0966		mg/L		97	75 - 125
Barium, Dissolved	0.100	0.0966		mg/L		97	75 - 125
Beryllium	0.0500	0.0429		mg/L		86	75 - 125
Beryllium, Dissolved	0.0500	0.0429		mg/L		86	75 - 125
Cadmium	0.0500	0.0487		mg/L		97	75 - 125
Cadmium, Dissolved	0.0500	0.0487		mg/L		97	75 - 125
Copper	0.100	0.0973		mg/L		97	75 - 125
Copper, Dissolved	0.100	0.0973		mg/L		97	75 - 125
Lead	0.0500	0.0475		mg/L		95	75 - 125
Lead, Dissolved	0.0500	0.0475		mg/L		95	75 - 125
Nickel	0.100	0.0990		mg/L		99	75 - 125
Nickel, Dissolved	0.100	0.0990		mg/L		99	75 - 125
Selenium	0.100	0.0940		mg/L		94	75 - 125
Selenium, Dissolved	0.100	0.0940		mg/L		94	75 - 125
Thallium	0.0400	0.0372		mg/L		93	75 - 125
Thallium, Dissolved	0.0400	0.0372		mg/L		93	75 - 125
Zinc	0.100	0.0961		mg/L		96	75 - 125
Zinc, Dissolved	0.100	0.0961		mg/L		96	75 - 125

Lab Sample ID: 640-48844-1 MS
Matrix: Water
Analysis Batch: 345457

Client Sample ID: MW-11S
Prep Type: Total Recoverable
Prep Batch: 344178

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0026		0.100	0.108		mg/L		105	75 - 125
Arsenic, Dissolved	0.0026		0.100	0.108		mg/L		105	75 - 125
Barium	0.21		0.100	0.334		mg/L		125	75 - 125
Barium, Dissolved	0.21		0.100	0.334		mg/L		125	75 - 125
Beryllium	0.00025		0.0500	0.0479		mg/L		96	75 - 125
Beryllium, Dissolved	0.00025		0.0500	0.0479		mg/L		96	75 - 125
Cadmium	0.000095		0.0500	0.0516		mg/L		103	75 - 125
Cadmium, Dissolved	0.000095		0.0500	0.0516		mg/L		103	75 - 125
Copper	0.0021		0.100	0.109		mg/L		107	75 - 125
Copper, Dissolved	0.0021		0.100	0.109		mg/L		107	75 - 125
Lead	0.00046	J	0.0500	0.0500		mg/L		99	75 - 125
Lead, Dissolved	0.00046		0.0500	0.0500		mg/L		99	75 - 125
Nickel	0.0033	J	0.100	0.112		mg/L		108	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 640-48844-1 MS — **Client Sample ID: MW-11S**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 345457 — **Prep Batch: 344178**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nickel, Dissolved	0.0033		0.100	0.112		mg/L		108	75 - 125
Selenium	0.0010		0.100	0.105		mg/L		105	75 - 125
Selenium, Dissolved	0.0010		0.100	0.105		mg/L		105	75 - 125
Thallium	0.00050		0.0400	0.0393		mg/L		98	75 - 125
Thallium, Dissolved	0.00050		0.0400	0.0393		mg/L		98	75 - 125
Zinc	0.0083		0.100	0.103		mg/L		103	75 - 125
Zinc, Dissolved	0.0083		0.100	0.103		mg/L		103	75 - 125

Lab Sample ID: 640-48844-1 MSD — **Client Sample ID: MW-11S**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 345457 — **Prep Batch: 344178**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.0026		0.100	0.0976		mg/L		95	75 - 125	10	20
Arsenic, Dissolved	0.0026		0.100	0.0976		mg/L		95	75 - 125	10	20
Barium	0.21		0.100	0.302		mg/L		92	75 - 125	10	20
Barium, Dissolved	0.21		0.100	0.302		mg/L		92	75 - 125	10	20
Beryllium	0.00025		0.0500	0.0447		mg/L		89	75 - 125	7	20
Beryllium, Dissolved	0.00025		0.0500	0.0447		mg/L		89	75 - 125	7	20
Cadmium	0.000095		0.0500	0.0495		mg/L		99	75 - 125	4	20
Cadmium, Dissolved	0.000095		0.0500	0.0495		mg/L		99	75 - 125	4	20
Copper	0.0021		0.100	0.0993		mg/L		97	75 - 125	9	20
Copper, Dissolved	0.0021		0.100	0.0993		mg/L		97	75 - 125	9	20
Lead	0.00046	J	0.0500	0.0472		mg/L		93	75 - 125	6	20
Lead, Dissolved	0.00046		0.0500	0.0472		mg/L		93	75 - 125	6	20
Nickel	0.0033	J	0.100	0.102		mg/L		99	75 - 125	9	20
Nickel, Dissolved	0.0033		0.100	0.102		mg/L		99	75 - 125	9	20
Selenium	0.0010		0.100	0.0941		mg/L		94	75 - 125	11	20
Selenium, Dissolved	0.0010		0.100	0.0941		mg/L		94	75 - 125	11	20
Thallium	0.00050		0.0400	0.0374		mg/L		93	75 - 125	5	20
Thallium, Dissolved	0.00050		0.0400	0.0374		mg/L		93	75 - 125	5	20
Zinc	0.0083		0.100	0.0989		mg/L		99	75 - 125	4	20
Zinc, Dissolved	0.0083		0.100	0.0989		mg/L		99	75 - 125	4	20

Lab Sample ID: MB 680-345441/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 345739 — **Prep Batch: 345441**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013	U	0.0025	0.0013	mg/L		08/22/14 12:18	08/24/14 21:28	1
Arsenic, Dissolved	0.0013	U	0.0025	0.0013	mg/L		08/22/14 12:18	08/24/14 21:28	1
Barium	0.0013	U	0.0050	0.0013	mg/L		08/22/14 12:18	08/24/14 21:28	1
Barium, Dissolved	0.0013	U	0.0050	0.0013	mg/L		08/22/14 12:18	08/24/14 21:28	1
Beryllium	0.00025	U	0.00050	0.00025	mg/L		08/22/14 12:18	08/24/14 21:28	1
Beryllium, Dissolved	0.00025	U	0.00050	0.00025	mg/L		08/22/14 12:18	08/24/14 21:28	1
Cadmium	0.000095	U	0.00050	0.000095	mg/L		08/22/14 12:18	08/24/14 21:28	1
Cadmium, Dissolved	0.000095	U	0.00050	0.000095	mg/L		08/22/14 12:18	08/24/14 21:28	1
Copper	0.0011	U	0.0050	0.0011	mg/L		08/22/14 12:18	08/24/14 21:28	1
Copper, Dissolved	0.0011	U	0.0050	0.0011	mg/L		08/22/14 12:18	08/24/14 21:28	1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-345441/1-A
Matrix: Water
Analysis Batch: 345739

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 345441

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.00020	U	0.0015	0.00020	mg/L		08/22/14 12:18	08/24/14 21:28	1
Lead, Dissolved	0.00020	U	0.0015	0.00020	mg/L		08/22/14 12:18	08/24/14 21:28	1
Nickel	0.0020	U	0.0050	0.0020	mg/L		08/22/14 12:18	08/24/14 21:28	1
Nickel, Dissolved	0.0020	U	0.0050	0.0020	mg/L		08/22/14 12:18	08/24/14 21:28	1
Selenium	0.0010	U	0.0025	0.0010	mg/L		08/22/14 12:18	08/24/14 21:28	1
Selenium, Dissolved	0.0010	U	0.0025	0.0010	mg/L		08/22/14 12:18	08/24/14 21:28	1
Thallium	0.00050	U	0.0010	0.00050	mg/L		08/22/14 12:18	08/24/14 21:28	1
Thallium, Dissolved	0.00050	U	0.0010	0.00050	mg/L		08/22/14 12:18	08/24/14 21:28	1
Zinc	0.0083	U	0.020	0.0083	mg/L		08/22/14 12:18	08/24/14 21:28	1
Zinc, Dissolved	0.0083	U	0.020	0.0083	mg/L		08/22/14 12:18	08/24/14 21:28	1

Lab Sample ID: LCS 680-345441/2-A
Matrix: Water
Analysis Batch: 345739

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 345441

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.100	0.107		mg/L		107	75 - 125
Arsenic, Dissolved	0.100	0.107		mg/L		107	75 - 125
Barium	0.100	0.103		mg/L		103	75 - 125
Barium, Dissolved	0.100	0.103		mg/L		103	75 - 125
Beryllium	0.0500	0.0520		mg/L		104	75 - 125
Beryllium, Dissolved	0.0500	0.0520		mg/L		104	75 - 125
Cadmium	0.0500	0.0536		mg/L		107	75 - 125
Cadmium, Dissolved	0.0500	0.0536		mg/L		107	75 - 125
Copper	0.100	0.105		mg/L		105	75 - 125
Copper, Dissolved	0.100	0.105		mg/L		105	75 - 125
Lead	0.0500	0.0534		mg/L		107	75 - 125
Lead, Dissolved	0.0500	0.0534		mg/L		107	75 - 125
Nickel	0.100	0.110		mg/L		110	75 - 125
Nickel, Dissolved	0.100	0.110		mg/L		110	75 - 125
Selenium	0.100	0.109		mg/L		109	75 - 125
Selenium, Dissolved	0.100	0.109		mg/L		109	75 - 125
Thallium	0.0400	0.0419		mg/L		105	75 - 125
Thallium, Dissolved	0.0400	0.0419		mg/L		105	75 - 125
Zinc	0.100	0.107		mg/L		107	75 - 125
Zinc, Dissolved	0.100	0.107		mg/L		107	75 - 125

Lab Sample ID: 640-48809-35 MS
Matrix: Water
Analysis Batch: 344507

Client Sample ID: MW-34I
Prep Type: Dissolved
Prep Batch: 344019

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic, Dissolved	0.0013	U	0.100	0.101		mg/L		101	75 - 125
Barium, Dissolved	0.061		0.100	0.155		mg/L		94	75 - 125
Beryllium, Dissolved	0.00025		0.0500	0.0503		mg/L		101	75 - 125
Cadmium, Dissolved	0.000095		0.0500	0.0492		mg/L		98	75 - 125
Copper, Dissolved	0.0011		0.100	0.101		mg/L		101	75 - 125
Lead, Dissolved	0.00059	J	0.0500	0.0474		mg/L		94	75 - 125
Nickel, Dissolved	0.0020	U	0.100	0.101		mg/L		101	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 640-48809-35 MS | **Client Sample ID: MW-34I**
Matrix: Water | **Prep Type: Dissolved**
Analysis Batch: 344507 | **Prep Batch: 344019**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium, Dissolved	0.0010		0.100	0.102		mg/L		102	75 - 125
Thallium, Dissolved	0.00050		0.0400	0.0371		mg/L		93	75 - 125
Zinc, Dissolved	0.0083	U	0.100	0.0994		mg/L		99	75 - 125

Lab Sample ID: 640-48809-35 MSD | **Client Sample ID: MW-34I**
Matrix: Water | **Prep Type: Dissolved**
Analysis Batch: 344507 | **Prep Batch: 344019**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic, Dissolved	0.0013	U	0.100	0.0909		mg/L		91	75 - 125	11	20
Barium, Dissolved	0.061		0.100	0.144		mg/L		83	75 - 125	8	20
Beryllium, Dissolved	0.00025		0.0500	0.0470		mg/L		94	75 - 125	7	20
Cadmium, Dissolved	0.000095		0.0500	0.0445		mg/L		89	75 - 125	10	20
Copper, Dissolved	0.0011		0.100	0.0900		mg/L		90	75 - 125	11	20
Lead, Dissolved	0.00059	J	0.0500	0.0444		mg/L		88	75 - 125	7	20
Nickel, Dissolved	0.0020	U	0.100	0.0912		mg/L		91	75 - 125	11	20
Selenium, Dissolved	0.0010		0.100	0.0915		mg/L		91	75 - 125	11	20
Thallium, Dissolved	0.00050		0.0400	0.0344		mg/L		86	75 - 125	7	20
Zinc, Dissolved	0.0083	U	0.100	0.0931		mg/L		93	75 - 125	7	20

Lab Sample ID: 640-48844-5 MS | **Client Sample ID: MW-40S**
Matrix: Water | **Prep Type: Dissolved**
Analysis Batch: 345739 | **Prep Batch: 345441**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0013		0.100	0.102		mg/L		102	75 - 125
Arsenic, Dissolved	0.0013	U	0.100	0.102		mg/L		102	75 - 125
Barium	0.022		0.100	0.122		mg/L		100	75 - 125
Barium, Dissolved	0.022		0.100	0.122		mg/L		100	75 - 125
Beryllium	0.00032		0.0500	0.0519		mg/L		103	75 - 125
Beryllium, Dissolved	0.00032	J	0.0500	0.0519		mg/L		103	75 - 125
Cadmium	0.000095		0.0500	0.0526		mg/L		105	75 - 125
Cadmium, Dissolved	0.000095	U	0.0500	0.0526		mg/L		105	75 - 125
Copper	0.0011		0.100	0.103		mg/L		103	75 - 125
Copper, Dissolved	0.0011		0.100	0.103		mg/L		103	75 - 125
Lead	0.00093		0.0500	0.0526		mg/L		103	75 - 125
Lead, Dissolved	0.00093	J	0.0500	0.0526		mg/L		103	75 - 125
Nickel	0.0020		0.100	0.109		mg/L		109	75 - 125
Nickel, Dissolved	0.0020	U	0.100	0.109		mg/L		109	75 - 125
Selenium	0.0010		0.100	0.105		mg/L		105	75 - 125
Selenium, Dissolved	0.0010		0.100	0.105		mg/L		105	75 - 125
Thallium	0.00050		0.0400	0.0404		mg/L		101	75 - 125
Thallium, Dissolved	0.00050	U	0.0400	0.0404		mg/L		101	75 - 125
Zinc	0.0096		0.100	0.112		mg/L		102	75 - 125
Zinc, Dissolved	0.0096		0.100	0.112		mg/L		102	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 640-48844-5 MSD
Matrix: Water
Analysis Batch: 345739

Client Sample ID: MW-40S
Prep Type: Dissolved
Prep Batch: 345441

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.0013		0.100	0.107		mg/L		107	75 - 125	5	20
Arsenic, Dissolved	0.0013	U	0.100	0.107		mg/L		107	75 - 125	5	20
Barium	0.022		0.100	0.126		mg/L		104	75 - 125	3	20
Barium, Dissolved	0.022		0.100	0.126		mg/L		104	75 - 125	3	20
Beryllium	0.00032		0.0500	0.0534		mg/L		106	75 - 125	3	20
Beryllium, Dissolved	0.00032	J	0.0500	0.0534		mg/L		106	75 - 125	3	20
Cadmium	0.000095		0.0500	0.0540		mg/L		108	75 - 125	3	20
Cadmium, Dissolved	0.000095	U	0.0500	0.0540		mg/L		108	75 - 125	3	20
Copper	0.0011		0.100	0.108		mg/L		108	75 - 125	4	20
Copper, Dissolved	0.0011		0.100	0.108		mg/L		108	75 - 125	4	20
Lead	0.00093		0.0500	0.0541		mg/L		106	75 - 125	3	20
Lead, Dissolved	0.00093	J	0.0500	0.0541		mg/L		106	75 - 125	3	20
Nickel	0.0020		0.100	0.111		mg/L		111	75 - 125	2	20
Nickel, Dissolved	0.0020	U	0.100	0.111		mg/L		111	75 - 125	2	20
Selenium	0.0010		0.100	0.107		mg/L		107	75 - 125	2	20
Selenium, Dissolved	0.0010		0.100	0.107		mg/L		107	75 - 125	2	20
Thallium	0.00050		0.0400	0.0415		mg/L		104	75 - 125	3	20
Thallium, Dissolved	0.00050	U	0.0400	0.0415		mg/L		104	75 - 125	3	20
Zinc	0.0096		0.100	0.116		mg/L		106	75 - 125	3	20
Zinc, Dissolved	0.0096		0.100	0.116		mg/L		106	75 - 125	3	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-344343/1-A
Matrix: Water
Analysis Batch: 344669

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 344343

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000091	U	0.00020	0.000091	mg/L		08/15/14 12:26	08/18/14 10:39	1

Lab Sample ID: LCS 680-344343/2-A
Matrix: Water
Analysis Batch: 344669

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 344343

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.00250	0.00235		mg/L		94	80 - 120		

Metals

Prep Batch: 343697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-48809-1	MW-9S-R	Total Recoverable	Water	3005A	
640-48809-1 MS	MW-9S-R	Total Recoverable	Water	3005A	
640-48809-1 MSD	MW-9S-R	Total Recoverable	Water	3005A	
640-48809-2	MW-10S-R	Total Recoverable	Water	3005A	
640-48809-3	MW-10I	Total Recoverable	Water	3005A	
640-48809-4	MW-13S-R	Total Recoverable	Water	3005A	
640-48809-5	MW-27S-R	Total Recoverable	Water	3005A	
640-48809-6	MW-36S	Total Recoverable	Water	3005A	
640-48809-7	MW-37S	Total Recoverable	Water	3005A	
640-48809-8	MW-38S	Total Recoverable	Water	3005A	
640-48809-9	MW-39S	Total Recoverable	Water	3005A	
640-48809-10	DUP-1	Total Recoverable	Water	3005A	
640-48809-11	DUP-3	Total Recoverable	Water	3005A	
640-48809-12	EQ-1	Total Recoverable	Water	3005A	
640-48809-13	DUP-5	Total Recoverable	Water	3005A	
640-48809-14	MW-1S-R	Total Recoverable	Water	3005A	
640-48809-15	MW-1I-R	Total Recoverable	Water	3005A	
640-48809-16	MW-2S	Total Recoverable	Water	3005A	
640-48809-17	MW-2I	Total Recoverable	Water	3005A	
640-48809-18	MW-3S	Total Recoverable	Water	3005A	
640-48809-19	MW-3I	Total Recoverable	Water	3005A	
640-48809-20	MW-5S-R	Total Recoverable	Water	3005A	
LCS 680-343697/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 680-343697/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 343708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-48809-21	MW-6S-R	Total Recoverable	Water	3005A	
640-48809-21 MS	MW-6S-R	Total Recoverable	Water	3005A	
640-48809-21 MSD	MW-6S-R	Total Recoverable	Water	3005A	
640-48809-22	MW-6I	Total Recoverable	Water	3005A	
640-48809-23	MW-7S-R	Total Recoverable	Water	3005A	
640-48809-24	MW-8I	Total Recoverable	Water	3005A	
640-48809-25	MW-4S	Total Recoverable	Water	3005A	
640-48809-26	MW-18S	Total Recoverable	Water	3005A	
640-48809-27	MW-19S	Total Recoverable	Water	3005A	
640-48809-28	MW-20S	Total Recoverable	Water	3005A	
640-48809-29	MW-22S	Total Recoverable	Water	3005A	
640-48809-30	MW-23S	Total Recoverable	Water	3005A	
640-48809-31	MW-25S	Total Recoverable	Water	3005A	
640-48809-32	MW-26S	Total Recoverable	Water	3005A	
640-48809-33	MW-33S	Total Recoverable	Water	3005A	
640-48809-34	MW-34S	Total Recoverable	Water	3005A	
640-48809-35	MW-34I	Total Recoverable	Water	3005A	
640-48809-36	MW-42S	Total Recoverable	Water	3005A	
640-48809-37	MW-43S	Total Recoverable	Water	3005A	
640-48809-38	MW-44S	Total Recoverable	Water	3005A	
640-48809-39	MW-46S	Total Recoverable	Water	3005A	
640-48809-40	MW-47S	Total Recoverable	Water	3005A	
LCS 680-343708/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 680-343708/1-A	Method Blank	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 343713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-48809-41	MW-TP2S	Total Recoverable	Water	3005A	
640-48809-41 MS	MW-TP2S	Total Recoverable	Water	3005A	
640-48809-41 MSD	MW-TP2S	Total Recoverable	Water	3005A	
640-48809-42	MW-TP3S	Total Recoverable	Water	3005A	
640-48809-43	FFFW-3-R	Total Recoverable	Water	3005A	
640-48809-44	MW-TP4S	Total Recoverable	Water	3005A	
640-48809-45	MW-7I	Total Recoverable	Water	3005A	
640-48809-46	MW-12I	Total Recoverable	Water	3005A	
640-48809-47	MW-12S	Total Recoverable	Water	3005A	
640-48809-48	MW-13I	Total Recoverable	Water	3005A	
640-48809-49	MW-15S	Total Recoverable	Water	3005A	
640-48809-50	MW-30S	Total Recoverable	Water	3005A	
640-48809-51	MW-32I	Total Recoverable	Water	3005A	
640-48809-52	MW-32S-R	Total Recoverable	Water	3005A	
640-48809-53	MW-41S	Total Recoverable	Water	3005A	
640-48809-54	MW-49S	Total Recoverable	Water	3005A	
640-48809-55	MW-49S(Dissolved)	Dissolved	Water	3005A	
640-48809-56	DUP-6	Total Recoverable	Water	3005A	
640-48809-57	DUP-7	Total Recoverable	Water	3005A	
640-48809-58	EQ-2	Total Recoverable	Water	3005A	
640-48809-59	EQ-3	Total Recoverable	Water	3005A	
LCS 680-343713/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 680-343713/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 344019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-48809-35	MW-34I	Dissolved	Water	3005A	
640-48809-35 MS	MW-34I	Dissolved	Water	3005A	
640-48809-35 MSD	MW-34I	Dissolved	Water	3005A	
LCS 680-344019/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 680-344019/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 344178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-48844-1	MW-11S	Total Recoverable	Water	3005A	
640-48844-1 MS	MW-11S	Total Recoverable	Water	3005A	
640-48844-1 MSD	MW-11S	Total Recoverable	Water	3005A	
640-48844-2	MW-24S	Total Recoverable	Water	3005A	
640-48844-3	MW-29S	Total Recoverable	Water	3005A	
640-48844-4	MW-35S	Total Recoverable	Water	3005A	
640-48844-5	MW-40S	Total Recoverable	Water	3005A	
640-48844-6	FFFW-1-R	Total Recoverable	Water	3005A	
640-48844-7	FFFW-4-R	Total Recoverable	Water	3005A	
640-48844-8	MW-TP1I	Total Recoverable	Water	3005A	
640-48844-9	MW-TP1S	Total Recoverable	Water	3005A	
640-48844-10	MW-TP5I	Total Recoverable	Water	3005A	
640-48844-11	MW-TP5S	Total Recoverable	Water	3005A	
640-48844-12	FFFW-2I	Total Recoverable	Water	3005A	
640-48844-13	FFFW-2-R	Total Recoverable	Water	3005A	
640-48844-14	MW-21S	Total Recoverable	Water	3005A	
640-48844-15	MW-28S	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 344178 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-48844-16	MW-31S	Total Recoverable	Water	3005A	
640-48844-17	MW-31S (Dissolved)	Dissolved	Water	3005A	
640-48844-18	MW-45S	Total Recoverable	Water	3005A	
640-48844-19	MW-48S	Total Recoverable	Water	3005A	
640-48844-20	DUP-2	Total Recoverable	Water	3005A	
LCS 680-344178/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 680-344178/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 344343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-48844-3	MW-29S	Total/NA	Water	7470A	
640-48844-4	MW-35S	Total/NA	Water	7470A	
640-48844-20	DUP-2	Total/NA	Water	7470A	
LCS 680-344343/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 680-344343/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 344507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-48809-35	MW-34I	Dissolved	Water	6020A	344019
640-48809-35 MS	MW-34I	Dissolved	Water	6020A	344019
640-48809-35 MSD	MW-34I	Dissolved	Water	6020A	344019
LCS 680-344019/2-A	Lab Control Sample	Total Recoverable	Water	6020A	344019
MB 680-344019/1-A	Method Blank	Total Recoverable	Water	6020A	344019

Analysis Batch: 344610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-48809-1	MW-9S-R	Total Recoverable	Water	6020A	343697
640-48809-1 MS	MW-9S-R	Total Recoverable	Water	6020A	343697
640-48809-1 MSD	MW-9S-R	Total Recoverable	Water	6020A	343697
640-48809-2	MW-10S-R	Total Recoverable	Water	6020A	343697
640-48809-3	MW-10I	Total Recoverable	Water	6020A	343697
640-48809-4	MW-13S-R	Total Recoverable	Water	6020A	343697
640-48809-5	MW-27S-R	Total Recoverable	Water	6020A	343697
640-48809-6	MW-36S	Total Recoverable	Water	6020A	343697
640-48809-7	MW-37S	Total Recoverable	Water	6020A	343697
640-48809-8	MW-38S	Total Recoverable	Water	6020A	343697
640-48809-9	MW-39S	Total Recoverable	Water	6020A	343697
640-48809-10	DUP-1	Total Recoverable	Water	6020A	343697
640-48809-11	DUP-3	Total Recoverable	Water	6020A	343697
640-48809-12	EQ-1	Total Recoverable	Water	6020A	343697
640-48809-13	DUP-5	Total Recoverable	Water	6020A	343697
640-48809-14	MW-1S-R	Total Recoverable	Water	6020A	343697
640-48809-15	MW-1I-R	Total Recoverable	Water	6020A	343697
640-48809-16	MW-2S	Total Recoverable	Water	6020A	343697
640-48809-17	MW-2I	Total Recoverable	Water	6020A	343697
640-48809-18	MW-3S	Total Recoverable	Water	6020A	343697
640-48809-19	MW-3I	Total Recoverable	Water	6020A	343697
640-48809-20	MW-5S-R	Total Recoverable	Water	6020A	343697
640-48809-41	MW-TP2S	Total Recoverable	Water	6020A	343713
640-48809-41 MS	MW-TP2S	Total Recoverable	Water	6020A	343713
640-48809-41 MSD	MW-TP2S	Total Recoverable	Water	6020A	343713

Metals (Continued)

Analysis Batch: 344610 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-48809-42	MW-TP3S	Total Recoverable	Water	6020A	343713
640-48809-43	FFFW-3-R	Total Recoverable	Water	6020A	343713
640-48809-44	MW-TP4S	Total Recoverable	Water	6020A	343713
640-48809-45	MW-7I	Total Recoverable	Water	6020A	343713
640-48809-46	MW-12I	Total Recoverable	Water	6020A	343713
640-48809-47	MW-12S	Total Recoverable	Water	6020A	343713
640-48809-48	MW-13I	Total Recoverable	Water	6020A	343713
640-48809-49	MW-15S	Total Recoverable	Water	6020A	343713
640-48809-50	MW-30S	Total Recoverable	Water	6020A	343713
640-48809-51	MW-32I	Total Recoverable	Water	6020A	343713
640-48809-52	MW-32S-R	Total Recoverable	Water	6020A	343713
640-48809-53	MW-41S	Total Recoverable	Water	6020A	343713
640-48809-54	MW-49S	Total Recoverable	Water	6020A	343713
640-48809-55	MW-49S(Dissolved)	Dissolved	Water	6020A	343713
640-48809-56	DUP-6	Total Recoverable	Water	6020A	343713
640-48809-57	DUP-7	Total Recoverable	Water	6020A	343713
640-48809-58	EQ-2	Total Recoverable	Water	6020A	343713
640-48809-59	EQ-3	Total Recoverable	Water	6020A	343713
LCS 680-343697/2-A	Lab Control Sample	Total Recoverable	Water	6020A	343697
LCS 680-343713/2-A	Lab Control Sample	Total Recoverable	Water	6020A	343713
MB 680-343697/1-A	Method Blank	Total Recoverable	Water	6020A	343697
MB 680-343713/1-A	Method Blank	Total Recoverable	Water	6020A	343713

Analysis Batch: 344669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-48844-3	MW-29S	Total/NA	Water	7470A	344343
640-48844-4	MW-35S	Total/NA	Water	7470A	344343
640-48844-20	DUP-2	Total/NA	Water	7470A	344343
LCS 680-344343/2-A	Lab Control Sample	Total/NA	Water	7470A	344343
MB 680-344343/1-A	Method Blank	Total/NA	Water	7470A	344343

Analysis Batch: 344783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-48809-11	DUP-3	Total Recoverable	Water	6020A	343697
640-48809-13	DUP-5	Total Recoverable	Water	6020A	343697
640-48809-18	MW-3S	Total Recoverable	Water	6020A	343697
640-48809-20	MW-5S-R	Total Recoverable	Water	6020A	343697
640-48809-47	MW-12S	Total Recoverable	Water	6020A	343713
640-48809-56	DUP-6	Total Recoverable	Water	6020A	343713

Analysis Batch: 345077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-48809-21	MW-6S-R	Total Recoverable	Water	6020A	343708
640-48809-21 MS	MW-6S-R	Total Recoverable	Water	6020A	343708
640-48809-21 MSD	MW-6S-R	Total Recoverable	Water	6020A	343708
640-48809-22	MW-6I	Total Recoverable	Water	6020A	343708
640-48809-23	MW-7S-R	Total Recoverable	Water	6020A	343708
640-48809-24	MW-8I	Total Recoverable	Water	6020A	343708
640-48809-25	MW-4S	Total Recoverable	Water	6020A	343708
640-48809-26	MW-18S	Total Recoverable	Water	6020A	343708
640-48809-27	MW-19S	Total Recoverable	Water	6020A	343708

Metals (Continued)

Analysis Batch: 345077 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-48809-28	MW-20S	Total Recoverable	Water	6020A	343708
640-48809-29	MW-22S	Total Recoverable	Water	6020A	343708
640-48809-30	MW-23S	Total Recoverable	Water	6020A	343708
640-48809-31	MW-25S	Total Recoverable	Water	6020A	343708
640-48809-32	MW-26S	Total Recoverable	Water	6020A	343708
640-48809-33	MW-33S	Total Recoverable	Water	6020A	343708
640-48809-34	MW-34S	Total Recoverable	Water	6020A	343708
640-48809-35	MW-34I	Total Recoverable	Water	6020A	343708
640-48809-36	MW-42S	Total Recoverable	Water	6020A	343708
640-48809-37	MW-43S	Total Recoverable	Water	6020A	343708
640-48809-38	MW-44S	Total Recoverable	Water	6020A	343708
640-48809-39	MW-46S	Total Recoverable	Water	6020A	343708
640-48809-40	MW-47S	Total Recoverable	Water	6020A	343708
LCS 680-343708/2-A	Lab Control Sample	Total Recoverable	Water	6020A	343708
MB 680-343708/1-A	Method Blank	Total Recoverable	Water	6020A	343708

Analysis Batch: 345243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-48809-25	MW-4S	Total Recoverable	Water	6020A	343708
640-48809-26	MW-18S	Total Recoverable	Water	6020A	343708
640-48809-27	MW-19S	Total Recoverable	Water	6020A	343708
640-48809-30	MW-23S	Total Recoverable	Water	6020A	343708
640-48809-34	MW-34S	Total Recoverable	Water	6020A	343708
640-48809-36	MW-42S	Total Recoverable	Water	6020A	343708
640-48809-37	MW-43S	Total Recoverable	Water	6020A	343708
640-48809-38	MW-44S	Total Recoverable	Water	6020A	343708
640-48809-39	MW-46S	Total Recoverable	Water	6020A	343708
640-48809-40	MW-47S	Total Recoverable	Water	6020A	343708

Analysis Batch: 345434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-48809-21	MW-6S-R	Total Recoverable	Water	6020A	343708
640-48809-21 MS	MW-6S-R	Total Recoverable	Water	6020A	343708
640-48809-21 MSD	MW-6S-R	Total Recoverable	Water	6020A	343708
640-48809-23	MW-7S-R	Total Recoverable	Water	6020A	343708
LCS 680-343708/2-A	Lab Control Sample	Total Recoverable	Water	6020A	343708
MB 680-343708/1-A	Method Blank	Total Recoverable	Water	6020A	343708

Prep Batch: 345441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-48844-1	MW-11S	Dissolved	Water	3005A	
640-48844-5	MW-40S	Dissolved	Water	3005A	
640-48844-5 MS	MW-40S	Dissolved	Water	3005A	
640-48844-5 MSD	MW-40S	Dissolved	Water	3005A	
640-48844-7	FFFW-4-R	Dissolved	Water	3005A	
640-48844-10	MW-TP5I	Dissolved	Water	3005A	
640-48844-21	DUP-4	Total Recoverable	Water	3005A	
LCS 680-345441/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 680-345441/1-A	Method Blank	Total Recoverable	Water	3005A	

Metals (Continued)

Analysis Batch: 345457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-48844-1	MW-11S	Total Recoverable	Water	6020A	344178
640-48844-1 MS	MW-11S	Total Recoverable	Water	6020A	344178
640-48844-1 MSD	MW-11S	Total Recoverable	Water	6020A	344178
640-48844-2	MW-24S	Total Recoverable	Water	6020A	344178
640-48844-3	MW-29S	Total Recoverable	Water	6020A	344178
640-48844-4	MW-35S	Total Recoverable	Water	6020A	344178
640-48844-5	MW-40S	Total Recoverable	Water	6020A	344178
640-48844-6	FFFW-1-R	Total Recoverable	Water	6020A	344178
640-48844-7	FFFW-4-R	Total Recoverable	Water	6020A	344178
640-48844-8	MW-TP1I	Total Recoverable	Water	6020A	344178
640-48844-9	MW-TP1S	Total Recoverable	Water	6020A	344178
640-48844-10	MW-TP5I	Total Recoverable	Water	6020A	344178
640-48844-11	MW-TP5S	Total Recoverable	Water	6020A	344178
640-48844-11	MW-TP5S	Total Recoverable	Water	6020A	344178
640-48844-12	FFFW-2I	Total Recoverable	Water	6020A	344178
640-48844-13	FFFW-2-R	Total Recoverable	Water	6020A	344178
640-48844-14	MW-21S	Total Recoverable	Water	6020A	344178
640-48844-15	MW-28S	Total Recoverable	Water	6020A	344178
640-48844-16	MW-31S	Total Recoverable	Water	6020A	344178
640-48844-17	MW-31S (Dissolved)	Dissolved	Water	6020A	344178
640-48844-18	MW-45S	Total Recoverable	Water	6020A	344178
640-48844-19	MW-48S	Total Recoverable	Water	6020A	344178
640-48844-20	DUP-2	Total Recoverable	Water	6020A	344178
LCS 680-344178/2-A	Lab Control Sample	Total Recoverable	Water	6020A	344178
MB 680-344178/1-A	Method Blank	Total Recoverable	Water	6020A	344178

Analysis Batch: 345739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-48844-1	MW-11S	Dissolved	Water	6020A	345441
640-48844-5	MW-40S	Dissolved	Water	6020A	345441
640-48844-5 MS	MW-40S	Dissolved	Water	6020A	345441
640-48844-5 MSD	MW-40S	Dissolved	Water	6020A	345441
640-48844-7	FFFW-4-R	Dissolved	Water	6020A	345441
640-48844-10	MW-TP5I	Dissolved	Water	6020A	345441
640-48844-21	DUP-4	Total Recoverable	Water	6020A	345441
640-48844-21	DUP-4	Total Recoverable	Water	6020A	345441
LCS 680-345441/2-A	Lab Control Sample	Total Recoverable	Water	6020A	345441
MB 680-345441/1-A	Method Blank	Total Recoverable	Water	6020A	345441

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-9S-R — Lab Sample ID: 640-48809-1

Date Collected: 08/05/14 10:30 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343697	08/12/14 15:10	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/17/14 18:33	BWR	TAL SAV

Client Sample ID: MW-10S-R — Lab Sample ID: 640-48809-2

Date Collected: 08/07/14 12:49 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343697	08/12/14 15:10	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/17/14 19:09	BWR	TAL SAV

Client Sample ID: MW-10I — Lab Sample ID: 640-48809-3

Date Collected: 08/07/14 11:18 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343697	08/12/14 15:10	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/17/14 19:16	BWR	TAL SAV

Client Sample ID: MW-13S-R — Lab Sample ID: 640-48809-4

Date Collected: 08/06/14 15:55 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343697	08/12/14 15:10	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/17/14 19:23	BWR	TAL SAV

Client Sample ID: MW-27S-R — Lab Sample ID: 640-48809-5

Date Collected: 08/06/14 17:23 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343697	08/12/14 15:10	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/17/14 19:44	BWR	TAL SAV

Client Sample ID: MW-36S — Lab Sample ID: 640-48809-6

Date Collected: 08/06/14 14:11 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343697	08/12/14 15:10	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/17/14 19:52	BWR	TAL SAV

Client Sample ID: MW-37S — **Lab Sample ID: 640-48809-7**
Date Collected: 08/05/14 17:30 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343697	08/12/14 15:10	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/17/14 19:59	BWR	TAL SAV

Client Sample ID: MW-38S — **Lab Sample ID: 640-48809-8**
Date Collected: 08/08/14 09:40 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343697	08/12/14 15:10	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/17/14 20:06	BWR	TAL SAV

Client Sample ID: MW-39S — **Lab Sample ID: 640-48809-9**
Date Collected: 08/06/14 10:44 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343697	08/12/14 15:10	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/17/14 20:13	BWR	TAL SAV

Client Sample ID: DUP-1 — **Lab Sample ID: 640-48809-10**
Date Collected: 08/05/14 00:00 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343697	08/12/14 15:10	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/17/14 20:20	BWR	TAL SAV

Client Sample ID: DUP-3 — **Lab Sample ID: 640-48809-11**
Date Collected: 08/08/14 00:00 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343697	08/12/14 15:10	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/17/14 20:27	BWR	TAL SAV
Total Recoverable	Prep	3005A			343697	08/12/14 15:10	SP	TAL SAV
Total Recoverable	Analysis	6020A		2	344783	08/18/14 23:36	BWR	TAL SAV

Client Sample ID: EQ-1 — **Lab Sample ID: 640-48809-12**
Date Collected: 08/06/14 09:34 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343697	08/12/14 15:10	SP	TAL SAV

Client Sample ID: EQ-1 — **Lab Sample ID: 640-48809-12**
Date Collected: 08/06/14 09:34 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Analysis	6020A		1	344610	08/17/14 20:35	BWR	TAL SAV

Client Sample ID: DUP-5 — **Lab Sample ID: 640-48809-13**
Date Collected: 08/06/14 00:00 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343697	08/12/14 15:10	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/17/14 20:42	BWR	TAL SAV
Total Recoverable	Prep	3005A			343697	08/12/14 15:10	SP	TAL SAV
Total Recoverable	Analysis	6020A		4	344783	08/18/14 23:50	BWR	TAL SAV

Client Sample ID: MW-1S-R — **Lab Sample ID: 640-48809-14**
Date Collected: 08/06/14 09:03 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343697	08/12/14 15:10	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/17/14 20:49	BWR	TAL SAV

Client Sample ID: MW-1I-R — **Lab Sample ID: 640-48809-15**
Date Collected: 08/06/14 08:24 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343697	08/12/14 15:10	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/17/14 21:10	BWR	TAL SAV

Client Sample ID: MW-2S — **Lab Sample ID: 640-48809-16**
Date Collected: 08/05/14 14:00 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343697	08/12/14 15:10	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/17/14 21:17	BWR	TAL SAV

Client Sample ID: MW-2I — **Lab Sample ID: 640-48809-17**
Date Collected: 08/05/14 13:46 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343697	08/12/14 15:10	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/17/14 21:25	BWR	TAL SAV

Client Sample ID: MW-3S

Lab Sample ID: 640-48809-18

Date Collected: 08/08/14 11:35

Matrix: Water

Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343697	08/12/14 15:10	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/17/14 21:32	BWR	TAL SAV
Total Recoverable	Prep	3005A			343697	08/12/14 15:10	SP	TAL SAV
Total Recoverable	Analysis	6020A		4	344783	08/18/14 23:58	BWR	TAL SAV

Client Sample ID: MW-3I

Lab Sample ID: 640-48809-19

Date Collected: 08/05/14 11:44

Matrix: Water

Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343697	08/12/14 15:10	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/17/14 21:39	BWR	TAL SAV

Client Sample ID: MW-5S-R

Lab Sample ID: 640-48809-20

Date Collected: 08/07/14 15:55

Matrix: Water

Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343697	08/12/14 15:10	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/17/14 21:46	BWR	TAL SAV
Total Recoverable	Prep	3005A			343697	08/12/14 15:10	SP	TAL SAV
Total Recoverable	Analysis	6020A		4	344783	08/19/14 00:12	BWR	TAL SAV

Client Sample ID: MW-6S-R

Lab Sample ID: 640-48809-21

Date Collected: 08/05/14 15:49

Matrix: Water

Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345434	08/21/14 18:41	BJB	TAL SAV
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345077	08/20/14 04:58	BWR	TAL SAV

Client Sample ID: MW-6I

Lab Sample ID: 640-48809-22

Date Collected: 08/06/14 10:22

Matrix: Water

Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345077	08/20/14 05:25	BWR	TAL SAV

Client Sample ID: MW-7S-R

Lab Sample ID: 640-48809-23

Date Collected: 08/07/14 10:05

Matrix: Water

Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345434	08/21/14 19:24	BJB	TAL SAV
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345077	08/20/14 05:30	BWR	TAL SAV

Client Sample ID: MW-8I

Lab Sample ID: 640-48809-24

Date Collected: 08/05/14 15:04

Matrix: Water

Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345077	08/20/14 05:35	BWR	TAL SAV

Client Sample ID: MW-4S

Lab Sample ID: 640-48809-25

Date Collected: 08/05/14 09:55

Matrix: Water

Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345243	08/20/14 21:00	BWR	TAL SAV
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345077	08/20/14 05:52	BWR	TAL SAV

Client Sample ID: MW-18S

Lab Sample ID: 640-48809-26

Date Collected: 08/05/14 11:10

Matrix: Water

Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345243	08/20/14 21:07	BWR	TAL SAV
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345077	08/20/14 05:57	BWR	TAL SAV

Client Sample ID: MW-19S

Lab Sample ID: 640-48809-27

Date Collected: 08/05/14 12:21

Matrix: Water

Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345243	08/20/14 21:15	BWR	TAL SAV
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345077	08/20/14 06:02	BWR	TAL SAV

Client Sample ID: MW-20S — **Lab Sample ID: 640-48809-28**
Date Collected: 08/06/14 08:30 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345077	08/20/14 06:08	BWR	TAL SAV

Client Sample ID: MW-22S — **Lab Sample ID: 640-48809-29**
Date Collected: 08/05/14 15:51 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345077	08/20/14 06:13	BWR	TAL SAV

Client Sample ID: MW-23S — **Lab Sample ID: 640-48809-30**
Date Collected: 08/06/14 14:31 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345243	08/20/14 21:36	BWR	TAL SAV
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345077	08/20/14 06:18	BWR	TAL SAV

Client Sample ID: MW-25S — **Lab Sample ID: 640-48809-31**
Date Collected: 08/07/14 08:14 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345077	08/20/14 06:24	BWR	TAL SAV

Client Sample ID: MW-26S — **Lab Sample ID: 640-48809-32**
Date Collected: 08/06/14 09:44 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345077	08/20/14 06:29	BWR	TAL SAV

Client Sample ID: MW-33S — **Lab Sample ID: 640-48809-33**
Date Collected: 08/07/14 11:34 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV

Client Sample ID: MW-33S

Lab Sample ID: 640-48809-33

Date Collected: 08/07/14 11:34

Matrix: Water

Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Analysis	6020A		1	345077	08/20/14 06:34	BWR	TAL SAV

Client Sample ID: MW-34S

Lab Sample ID: 640-48809-34

Date Collected: 08/07/14 16:28

Matrix: Water

Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345243	08/20/14 22:05	BWR	TAL SAV
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345077	08/20/14 06:40	BWR	TAL SAV

Client Sample ID: MW-34I

Lab Sample ID: 640-48809-35

Date Collected: 08/07/14 16:02

Matrix: Water

Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			344019	08/14/14 08:43	SP	TAL SAV
Dissolved	Analysis	6020A		1	344507	08/16/14 07:45	BWR	TAL SAV
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345077	08/20/14 06:56	BWR	TAL SAV

Client Sample ID: MW-42S

Lab Sample ID: 640-48809-36

Date Collected: 08/05/14 14:23

Matrix: Water

Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345243	08/20/14 22:34	BWR	TAL SAV
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345077	08/20/14 07:02	BWR	TAL SAV

Client Sample ID: MW-43S

Lab Sample ID: 640-48809-37

Date Collected: 08/08/14 09:18

Matrix: Water

Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345243	08/20/14 22:41	BWR	TAL SAV
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345077	08/20/14 07:07	BWR	TAL SAV

Client Sample ID: MW-44S

Lab Sample ID: 640-48809-38

Date Collected: 08/05/14 17:54

Matrix: Water

Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345243	08/20/14 22:48	BWR	TAL SAV
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345077	08/20/14 07:12	BWR	TAL SAV

Client Sample ID: MW-46S

Lab Sample ID: 640-48809-39

Date Collected: 08/06/14 11:12

Matrix: Water

Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345243	08/20/14 22:55	BWR	TAL SAV
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345077	08/20/14 07:18	BWR	TAL SAV

Client Sample ID: MW-47S

Lab Sample ID: 640-48809-40

Date Collected: 08/07/14 14:36

Matrix: Water

Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345243	08/20/14 23:02	BWR	TAL SAV
Total Recoverable	Prep	3005A			343708	08/12/14 15:28	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345077	08/20/14 07:23	BWR	TAL SAV

Client Sample ID: MW-TP2S

Lab Sample ID: 640-48809-41

Date Collected: 08/07/14 09:35

Matrix: Water

Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343713	08/12/14 15:45	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/17/14 22:29	BWR	TAL SAV

Client Sample ID: MW-TP3S

Lab Sample ID: 640-48809-42

Date Collected: 08/06/14 17:21

Matrix: Water

Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343713	08/12/14 15:45	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/17/14 23:05	BWR	TAL SAV

Client Sample ID: FFFW-3-R — **Lab Sample ID: 640-48809-43**
Date Collected: 08/08/14 10:37 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343713	08/12/14 15:45	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/17/14 23:12	BWR	TAL SAV

Client Sample ID: MW-TP4S — **Lab Sample ID: 640-48809-44**
Date Collected: 08/08/14 12:02 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343713	08/12/14 15:45	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/17/14 23:19	BWR	TAL SAV

Client Sample ID: MW-7I — **Lab Sample ID: 640-48809-45**
Date Collected: 08/07/14 17:03 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343713	08/12/14 15:45	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/17/14 23:41	BWR	TAL SAV

Client Sample ID: MW-12I — **Lab Sample ID: 640-48809-46**
Date Collected: 08/07/14 11:18 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343713	08/12/14 15:45	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/17/14 23:48	BWR	TAL SAV

Client Sample ID: MW-12S — **Lab Sample ID: 640-48809-47**
Date Collected: 08/07/14 11:59 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343713	08/12/14 15:45	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/17/14 23:55	BWR	TAL SAV
Total Recoverable	Prep	3005A			343713	08/12/14 15:45	SP	TAL SAV
Total Recoverable	Analysis	6020A		4	344783	08/19/14 00:19	BWR	TAL SAV

Client Sample ID: MW-13I — **Lab Sample ID: 640-48809-48**
Date Collected: 08/05/14 18:15 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343713	08/12/14 15:45	SP	TAL SAV

Client Sample ID: MW-13I — Lab Sample ID: 640-48809-48

Date Collected: 08/05/14 18:15 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Analysis	6020A		1	344610	08/18/14 00:02	BWR	TAL SAV

Client Sample ID: MW-15S — Lab Sample ID: 640-48809-49

Date Collected: 08/07/14 15:49 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343713	08/12/14 15:45	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/18/14 00:10	BWR	TAL SAV

Client Sample ID: MW-30S — Lab Sample ID: 640-48809-50

Date Collected: 08/08/14 11:14 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343713	08/12/14 15:45	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/18/14 00:17	BWR	TAL SAV

Client Sample ID: MW-32I — Lab Sample ID: 640-48809-51

Date Collected: 08/05/14 16:46 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343713	08/12/14 15:45	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/18/14 00:24	BWR	TAL SAV

Client Sample ID: MW-32S-R — Lab Sample ID: 640-48809-52

Date Collected: 08/05/14 12:38 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343713	08/12/14 15:45	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/18/14 00:31	BWR	TAL SAV

Client Sample ID: MW-41S — Lab Sample ID: 640-48809-53

Date Collected: 08/07/14 09:22 — **Matrix: Water**
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343713	08/12/14 15:45	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/18/14 00:38	BWR	TAL SAV

Client Sample ID: MW-49S
Lab Sample ID: 640-48809-54

Date Collected: 08/06/14 14:26
Matrix: Water
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343713	08/12/14 15:45	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/18/14 00:45	BWR	TAL SAV

Client Sample ID: MW-49S(Dissolved)
Lab Sample ID: 640-48809-55

Date Collected: 08/06/14 14:29
Matrix: Water
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			343713	08/12/14 15:45	SP	TAL SAV
Dissolved	Analysis	6020A		1	344610	08/18/14 01:07	BWR	TAL SAV

Client Sample ID: DUP-6
Lab Sample ID: 640-48809-56

Date Collected: 08/07/14 00:00
Matrix: Water
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343713	08/12/14 15:45	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/18/14 01:14	BWR	TAL SAV
Total Recoverable	Prep	3005A			343713	08/12/14 15:45	SP	TAL SAV
Total Recoverable	Analysis	6020A		4	344783	08/19/14 00:33	BWR	TAL SAV

Client Sample ID: DUP-7
Lab Sample ID: 640-48809-57

Date Collected: 08/07/14 00:00
Matrix: Water
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343713	08/12/14 15:45	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/18/14 01:21	BWR	TAL SAV

Client Sample ID: EQ-2
Lab Sample ID: 640-48809-58

Date Collected: 08/07/14 07:04
Matrix: Water
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343713	08/12/14 15:45	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	344610	08/18/14 01:28	BWR	TAL SAV

Client Sample ID: EQ-3
Lab Sample ID: 640-48809-59

Date Collected: 08/07/14 07:08
Matrix: Water
Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			343713	08/12/14 15:45	SP	TAL SAV

Client Sample ID: EQ-3

Lab Sample ID: 640-48809-59

Date Collected: 08/07/14 07:08

Matrix: Water

Date Received: 08/08/14 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Analysis	6020A		1	344610	08/18/14 01:36	BWR	TAL SAV

Client Sample ID: MW-11S

Lab Sample ID: 640-48844-1

Date Collected: 08/11/14 13:42

Matrix: Water

Date Received: 08/13/14 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			345441	08/22/14 12:18	BJB	TAL SAV
Dissolved	Analysis	6020A		1	345739	08/24/14 21:43	BWR	TAL SAV
Total Recoverable	Prep	3005A			344178	08/14/14 15:01	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345457	08/21/14 09:55	BWR	TAL SAV

Client Sample ID: MW-24S

Lab Sample ID: 640-48844-2

Date Collected: 08/11/14 12:22

Matrix: Water

Date Received: 08/13/14 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			344178	08/14/14 15:01	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345457	08/21/14 10:32	BWR	TAL SAV

Client Sample ID: MW-29S

Lab Sample ID: 640-48844-3

Date Collected: 08/12/14 14:26

Matrix: Water

Date Received: 08/13/14 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			344178	08/14/14 15:01	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345457	08/21/14 10:39	BWR	TAL SAV
Total/NA	Prep	7470A			344343	08/15/14 12:26	JKL	TAL SAV
Total/NA	Analysis	7470A		1	344669	08/18/14 11:26	JKL	TAL SAV

Client Sample ID: MW-35S

Lab Sample ID: 640-48844-4

Date Collected: 08/11/14 15:31

Matrix: Water

Date Received: 08/13/14 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			344178	08/14/14 15:01	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345457	08/21/14 10:47	BWR	TAL SAV
Total/NA	Prep	7470A			344343	08/15/14 12:26	JKL	TAL SAV
Total/NA	Analysis	7470A		1	344669	08/18/14 11:35	JKL	TAL SAV

Client Sample ID: MW-40S — **Lab Sample ID: 640-48844-5**
Date Collected: 08/12/14 11:32 — **Matrix: Water**
Date Received: 08/13/14 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			345441	08/22/14 12:18	BJB	TAL SAV
Dissolved	Analysis	6020A		1	345739	08/24/14 21:50	BWR	TAL SAV
Total Recoverable	Prep	3005A			344178	08/14/14 15:01	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345457	08/21/14 11:09	BWR	TAL SAV

Client Sample ID: FFFW-1-R — **Lab Sample ID: 640-48844-6**
Date Collected: 08/12/14 16:20 — **Matrix: Water**
Date Received: 08/13/14 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			344178	08/14/14 15:01	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345457	08/21/14 11:16	BWR	TAL SAV

Client Sample ID: FFFW-4-R — **Lab Sample ID: 640-48844-7**
Date Collected: 08/11/14 17:59 — **Matrix: Water**
Date Received: 08/13/14 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			345441	08/22/14 12:18	BJB	TAL SAV
Dissolved	Analysis	6020A		1	345739	08/24/14 22:27	BWR	TAL SAV
Total Recoverable	Prep	3005A			344178	08/14/14 15:01	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345457	08/21/14 11:24	BWR	TAL SAV

Client Sample ID: MW-TP1I — **Lab Sample ID: 640-48844-8**
Date Collected: 08/13/14 08:21 — **Matrix: Water**
Date Received: 08/13/14 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			344178	08/14/14 15:01	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345457	08/21/14 11:31	BWR	TAL SAV

Client Sample ID: MW-TP1S — **Lab Sample ID: 640-48844-9**
Date Collected: 08/13/14 09:31 — **Matrix: Water**
Date Received: 08/13/14 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			344178	08/14/14 15:01	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345457	08/21/14 11:38	BWR	TAL SAV

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-TP5I — Lab Sample ID: 640-48844-10

Date Collected: 08/11/14 10:25 — **Matrix: Water**
Date Received: 08/13/14 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			345441	08/22/14 12:18	BJB	TAL SAV
Dissolved	Analysis	6020A		1	345739	08/24/14 22:34	BWR	TAL SAV
Total Recoverable	Prep	3005A			344178	08/14/14 15:01	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345457	08/21/14 11:46	BWR	TAL SAV

Client Sample ID: MW-TP5S — Lab Sample ID: 640-48844-11

Date Collected: 08/11/14 10:55 — **Matrix: Water**
Date Received: 08/13/14 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			344178	08/14/14 15:01	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345457	08/21/14 11:53	BWR	TAL SAV
Total Recoverable	Prep	3005A			344178	08/14/14 15:01	SP	TAL SAV
Total Recoverable	Analysis	6020A		40	345457	08/22/14 10:47	BWR	TAL SAV

Client Sample ID: FFFW-2I — Lab Sample ID: 640-48844-12

Date Collected: 08/12/14 16:57 — **Matrix: Water**
Date Received: 08/13/14 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			344178	08/14/14 15:01	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345457	08/21/14 12:01	BWR	TAL SAV

Client Sample ID: FFFW-2-R — Lab Sample ID: 640-48844-13

Date Collected: 08/12/14 17:19 — **Matrix: Water**
Date Received: 08/13/14 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			344178	08/14/14 15:01	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345457	08/21/14 12:08	BWR	TAL SAV

Client Sample ID: MW-21S — Lab Sample ID: 640-48844-14

Date Collected: 08/11/14 12:56 — **Matrix: Water**
Date Received: 08/13/14 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			344178	08/14/14 15:01	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345457	08/21/14 12:15	BWR	TAL SAV

Client Sample ID: MW-28S — **Lab Sample ID: 640-48844-15**
Date Collected: 08/11/14 15:41 — **Matrix: Water**
Date Received: 08/13/14 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			344178	08/14/14 15:01	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345457	08/21/14 12:37	BWR	TAL SAV

Client Sample ID: MW-31S — **Lab Sample ID: 640-48844-16**
Date Collected: 08/13/14 10:39 — **Matrix: Water**
Date Received: 08/13/14 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			344178	08/14/14 15:01	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345457	08/21/14 12:45	BWR	TAL SAV

Client Sample ID: MW-31S (Dissolved) — **Lab Sample ID: 640-48844-17**
Date Collected: 08/13/14 10:41 — **Matrix: Water**
Date Received: 08/13/14 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			344178	08/14/14 15:01	SP	TAL SAV
Dissolved	Analysis	6020A		1	345457	08/21/14 12:52	BWR	TAL SAV

Client Sample ID: MW-45S — **Lab Sample ID: 640-48844-18**
Date Collected: 08/11/14 18:08 — **Matrix: Water**
Date Received: 08/13/14 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			344178	08/14/14 15:01	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345457	08/21/14 13:00	BWR	TAL SAV

Client Sample ID: MW-48S — **Lab Sample ID: 640-48844-19**
Date Collected: 08/13/14 10:15 — **Matrix: Water**
Date Received: 08/13/14 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			344178	08/14/14 15:01	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345457	08/21/14 13:07	BWR	TAL SAV

Client Sample ID: DUP-2 — **Lab Sample ID: 640-48844-20**
Date Collected: 08/12/14 00:00 — **Matrix: Water**
Date Received: 08/13/14 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			344178	08/14/14 15:01	SP	TAL SAV
Total Recoverable	Analysis	6020A		1	345457	08/21/14 13:14	BWR	TAL SAV
Total/NA	Prep	7470A			344343	08/15/14 12:26	JKL	TAL SAV

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: DUP-2

Lab Sample ID: 640-48844-20

Date Collected: 08/12/14 00:00

Matrix: Water

Date Received: 08/13/14 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7470A		1	344669	08/18/14 11:38	JKL	TAL SAV

Client Sample ID: DUP-4

Lab Sample ID: 640-48844-21

Date Collected: 08/11/14 00:00

Matrix: Water

Date Received: 08/13/14 13:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			345441	08/22/14 12:18	BJB	TAL SAV
Total Recoverable	Analysis	6020A		10	345739	08/24/14 22:57	BWR	TAL SAV
Total Recoverable	Prep	3005A			345441	08/22/14 12:18	BJB	TAL SAV
Total Recoverable	Analysis	6020A		4	345739	08/25/14 10:30	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: 640-48809-1

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-15
Georgia	State Program	4		06-30-15
Louisiana	NELAP	6	30663	06-30-15
New Jersey	NELAP	2	FL012	06-30-15
Texas	NELAP	6	T104704459-11-2	03-31-15

Laboratory: TestAmerica Savannah

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
	AFCEE		SAVLAB	
A2LA	DoD ELAP		399.01	02-28-15
A2LA	ISO/IEC 17025		399.01	02-28-15
Alabama	State Program	4	41450	06-30-15
Arkansas DEQ	State Program	6	88-0692	01-31-15
California	NELAP	9	3217CA	07-31-14 *
Colorado	State Program	8	N/A	12-31-14
Connecticut	State Program	1	PH-0161	03-31-15
Florida	NELAP	4	E87052	06-30-15
GA Dept. of Agriculture	State Program	4	N/A	06-12-17
Georgia	State Program	4	N/A	06-30-15
Georgia	State Program	4	803	06-30-15
Guam	State Program	9	09-005r	04-16-15
Hawaii	State Program	9	N/A	06-30-15
Illinois	NELAP	5	200022	11-30-14
Indiana	State Program	5	N/A	06-30-15
Iowa	State Program	7	353	07-01-15
Kentucky (DW)	State Program	4	90084	12-31-14
Kentucky (UST)	State Program	4	18	06-30-15
Louisiana	NELAP	6	30690	06-30-14 *
Louisiana (DW)	NELAP	6	LA140023	12-31-14
Maine	State Program	1	GA00006	08-16-14 *
Maryland	State Program	3	250	12-31-14
Massachusetts	State Program	1	M-GA006	06-30-15
Michigan	State Program	5	9925	06-30-15
Mississippi	State Program	4	N/A	06-30-15
Montana	State Program	8	CERT0081	01-01-15
Nebraska	State Program	7	TestAmerica-Savannah	06-30-15
New Jersey	NELAP	2	GA769	06-30-15
New Mexico	State Program	6	N/A	06-30-15
New York	NELAP	2	10842	03-31-15
North Carolina (DW)	State Program	4	13701	07-31-15
North Carolina (WW/SW)	State Program	4	269	12-31-14
Oklahoma	State Program	6	9984	08-31-14 *
Pennsylvania	NELAP	3	68-00474	06-30-15
Puerto Rico	State Program	2	GA00006	12-31-14
South Carolina	State Program	4	98001	06-30-14 *
Tennessee	State Program	4	TN02961	06-30-15
Texas	NELAP	6	T104704185-08-TX	11-30-14
USDA	Federal		SAV 3-04	06-11-17

* Certification renewal pending - certification considered valid.

Certification Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Laboratory: TestAmerica Savannah (Continued)

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Virginia	NELAP	3	460161	06-14-15
Washington	State Program	10	C805	06-10-15
West Virginia (DW)	State Program	3	9950C	12-31-14
West Virginia DEP	State Program	3	94	06-30-15
Wisconsin	State Program	5	999819810	08-31-14 *
Wyoming	State Program	8	8TMS-L	06-30-15

* Certification renewal pending - certification considered valid.

Method Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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: 640-48809-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-48809-1	MW-9S-R	Water	08/05/14 10:30	08/08/14 16:52
640-48809-2	MW-10S-R	Water	08/07/14 12:49	08/08/14 16:52
640-48809-3	MW-10I	Water	08/07/14 11:18	08/08/14 16:52
640-48809-4	MW-13S-R	Water	08/06/14 15:55	08/08/14 16:52
640-48809-5	MW-27S-R	Water	08/06/14 17:23	08/08/14 16:52
640-48809-6	MW-36S	Water	08/06/14 14:11	08/08/14 16:52
640-48809-7	MW-37S	Water	08/05/14 17:30	08/08/14 16:52
640-48809-8	MW-38S	Water	08/08/14 09:40	08/08/14 16:52
640-48809-9	MW-39S	Water	08/06/14 10:44	08/08/14 16:52
640-48809-10	DUP-1	Water	08/05/14 00:00	08/08/14 16:52
640-48809-11	DUP-3	Water	08/08/14 00:00	08/08/14 16:52
640-48809-12	EQ-1	Water	08/06/14 09:34	08/08/14 16:52
640-48809-13	DUP-5	Water	08/06/14 00:00	08/08/14 16:52
640-48809-14	MW-1S-R	Water	08/06/14 09:03	08/08/14 16:52
640-48809-15	MW-1I-R	Water	08/06/14 08:24	08/08/14 16:52
640-48809-16	MW-2S	Water	08/05/14 14:00	08/08/14 16:52
640-48809-17	MW-2I	Water	08/05/14 13:46	08/08/14 16:52
640-48809-18	MW-3S	Water	08/08/14 11:35	08/08/14 16:52
640-48809-19	MW-3I	Water	08/05/14 11:44	08/08/14 16:52
640-48809-20	MW-5S-R	Water	08/07/14 15:55	08/08/14 16:52
640-48809-21	MW-6S-R	Water	08/05/14 15:49	08/08/14 16:52
640-48809-22	MW-6I	Water	08/06/14 10:22	08/08/14 16:52
640-48809-23	MW-7S-R	Water	08/07/14 10:05	08/08/14 16:52
640-48809-24	MW-8I	Water	08/05/14 15:04	08/08/14 16:52
640-48809-25	MW-4S	Water	08/05/14 09:55	08/08/14 16:52
640-48809-26	MW-18S	Water	08/05/14 11:10	08/08/14 16:52
640-48809-27	MW-19S	Water	08/05/14 12:21	08/08/14 16:52
640-48809-28	MW-20S	Water	08/06/14 08:30	08/08/14 16:52
640-48809-29	MW-22S	Water	08/05/14 15:51	08/08/14 16:52
640-48809-30	MW-23S	Water	08/06/14 14:31	08/08/14 16:52
640-48809-31	MW-25S	Water	08/07/14 08:14	08/08/14 16:52
640-48809-32	MW-26S	Water	08/06/14 09:44	08/08/14 16:52
640-48809-33	MW-33S	Water	08/07/14 11:34	08/08/14 16:52
640-48809-34	MW-34S	Water	08/07/14 16:28	08/08/14 16:52
640-48809-35	MW-34I	Water	08/07/14 16:02	08/08/14 16:52
640-48809-36	MW-42S	Water	08/05/14 14:23	08/08/14 16:52
640-48809-37	MW-43S	Water	08/08/14 09:18	08/08/14 16:52
640-48809-38	MW-44S	Water	08/05/14 17:54	08/08/14 16:52
640-48809-39	MW-46S	Water	08/06/14 11:12	08/08/14 16:52
640-48809-40	MW-47S	Water	08/07/14 14:36	08/08/14 16:52
640-48809-41	MW-TP2S	Water	08/07/14 09:35	08/08/14 16:52
640-48809-42	MW-TP3S	Water	08/06/14 17:21	08/08/14 16:52
640-48809-43	FFFW-3-R	Water	08/08/14 10:37	08/08/14 16:52
640-48809-44	MW-TP4S	Water	08/08/14 12:02	08/08/14 16:52
640-48809-45	MW-7I	Water	08/07/14 17:03	08/08/14 16:52
640-48809-46	MW-12I	Water	08/07/14 11:18	08/08/14 16:52
640-48809-47	MW-12S	Water	08/07/14 11:59	08/08/14 16:52
640-48809-48	MW-13I	Water	08/05/14 18:15	08/08/14 16:52
640-48809-49	MW-15S	Water	08/07/14 15:49	08/08/14 16:52
640-48809-50	MW-30S	Water	08/08/14 11:14	08/08/14 16:52
640-48809-51	MW-32I	Water	08/05/14 16:46	08/08/14 16:52
640-48809-52	MW-32S-R	Water	08/05/14 12:38	08/08/14 16:52
640-48809-53	MW-41S	Water	08/07/14 09:22	08/08/14 16:52

Sample Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-48809-54	MW-49S	Water	08/06/14 14:26	08/08/14 16:52
640-48809-55	MW-49S(Dissolved)	Water	08/06/14 14:29	08/08/14 16:52
640-48809-56	DUP-6	Water	08/07/14 00:00	08/08/14 16:52
640-48809-57	DUP-7	Water	08/07/14 00:00	08/08/14 16:52
640-48809-58	EQ-2	Water	08/07/14 07:04	08/08/14 16:52
640-48809-59	EQ-3	Water	08/07/14 07:08	08/08/14 16:52
640-48844-1	MW-11S	Water	08/11/14 13:42	08/13/14 13:26
640-48844-2	MW-24S	Water	08/11/14 12:22	08/13/14 13:26
640-48844-3	MW-29S	Water	08/12/14 14:26	08/13/14 13:26
640-48844-4	MW-35S	Water	08/11/14 15:31	08/13/14 13:26
640-48844-5	MW-40S	Water	08/12/14 11:32	08/13/14 13:26
640-48844-6	FFFW-1-R	Water	08/12/14 16:20	08/13/14 13:26
640-48844-7	FFFW-4-R	Water	08/11/14 17:59	08/13/14 13:26
640-48844-8	MW-TP1I	Water	08/13/14 08:21	08/13/14 13:26
640-48844-9	MW-TP1S	Water	08/13/14 09:31	08/13/14 13:26
640-48844-10	MW-TP5I	Water	08/11/14 10:25	08/13/14 13:26
640-48844-11	MW-TP5S	Water	08/11/14 10:55	08/13/14 13:26
640-48844-12	FFFW-2I	Water	08/12/14 16:57	08/13/14 13:26
640-48844-13	FFFW-2-R	Water	08/12/14 17:19	08/13/14 13:26
640-48844-14	MW-21S	Water	08/11/14 12:56	08/13/14 13:26
640-48844-15	MW-28S	Water	08/11/14 15:41	08/13/14 13:26
640-48844-16	MW-31S	Water	08/13/14 10:39	08/13/14 13:26
640-48844-17	MW-31S (Dissolved)	Water	08/13/14 10:41	08/13/14 13:26
640-48844-18	MW-45S	Water	08/11/14 18:08	08/13/14 13:26
640-48844-19	MW-48S	Water	08/13/14 10:15	08/13/14 13:26
640-48844-20	DUP-2	Water	08/12/14 00:00	08/13/14 13:26
640-48844-21	DUP-4	Water	08/11/14 00:00	08/13/14 13:26

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

9/8/2014

Client Information	Sampler: D Hilton	Lab PM: Marks, Amy	Carrier Tracking No(s):	COC No: 640-44346-11647.1
Client Contact: ~~Mr. John Carey~~ J. Wagner	Phone: 850-528-8995	E-Mail: amy.marks@testamericainc.com		Page: Page 1
Company: URS Corporation				Job #: 640-48809
Address: 1625 Summit Lake Drive Suite 200	Due Date Requested:			
City: Tallahassee	TAT Requested (days):			
State, Zip: FL, 32317				
Phone: ~~850-402-6409(Tel)~~	PO #: _____.US			
Email: ~~john_carey@urscorp.com~~	WO #: 12806651.00000 Vendor No. 1427536			
Project Name: PCS FFF Moultrie	Project #: 64005633			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A - Site Metals	6020A - Dissolved Site Metals	6020A, 7470A - Site metals, Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	D		
MW-9S-R	080514	1031	G	W			1				
MW-10S-R	08.07.14	1249	G	W			1				
MW-10I	08.07.14	1118	G	W			1				
MW-13S-R	08.06.14	1555	G	W			1				
MW-27S-R	08.06.14	1723	G	W			1				
MW-36S	08.06.14	1411	G	W			1				
MW-37S	080514	1730	G	W			1				
MW-38S	08.08.14	0940	G	W			1				
MW-39S	08.06.14	1044	G	W			1				
DUP-1	08.05.14		G	W			1				
DUP-3	08.08.14		G	W			1				
EQ-1	08.06.14	0934	G	W			1				
DUP-5	08.06.14		G	W			1				

640-48809 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: [signature] Date: 7/30/2014 Time: 0915 Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	D Hilton	080814 1651	URS	[signature]	8/8/14 1650	TAT
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.20

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: DCthilton	Lab PM: Marks, Amy	Carrier Tracking No(s):	COC No: 640-44346-11647.1
Client Contact: ~~Mr. John Carey~~ Jeff Wagner	Phone: 850 528-8995	E-Mail: amy.marks@testamericainc.com		Page: Page 1
Company: URS Corporation				Job #:
Address: 1625 Summit Lake Drive Suite 200	Due Date Requested:			
City: Tallahassee	TAT Requested (days):			
State, Zip: FL, 32317				
Phone: ~~850-402-6409(Tel)~~	PO #: _____.US			
Email: ~~john_carey@urscorp.com~~	WO #: 12806651.00000 Vendor No. 1427536			
Project Name: PCS FFF Moultrie	Project #: 64005633			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A - Site Metals	6020A - Dissolved Site Metals	6020A, 7470A - Site metals, Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	D		
MW-1S-R	08.06.14	0903	G	W			1				
MW-1I-R	08.06.14	0824	G	W			1				
MW-2S	08.05.14	1400	G	W			1				
MW-2I	08.05.14	1346	G	W			1				
MW-3S	08.08.14	1135	G	W			1				
MW-3I	08.05.14	1144	G	W			1				
MW-5S-R	08.07.14	1555	G	W			1				
MW-6S-R	08.05.14	1549	G	W			1				
MW-6I	08.06.14	1022	G	W			1				
MW-7S-R	08.07.14	1005	G	W			1				
MW-8I	08.05.14	1504	G	W			1				

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: ~~[illegible]~~	Date: 7/30/2014	Time: 0915	Method of Shipment:
Relinquished by: DCthilton	Date/Time: 08.08.14 1651	Company: URS	Received by: [illegible] Date/Time: 8/8/14 1652 Company: TAL
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Trevor Campbell	Lab PM: Marks, Amy	Carrier Tracking No(s):	COC No: 640-44346-11647.1
Client Contact: ~~Mr. John Carey~~ J. Wagner	Phone: 850-543-2533	E-Mail: amy.marks@testamericainc.com		Page: Page 1
Company: URS Corporation				Job #:
Address: 1625 Summit Lake Drive Suite 200	Due Date Requested:			
City: Tallahassee	TAT Requested (days):			
State, Zip: FL, 32317				
Phone: ~~850-402-6409(Tel)~~	PO #: _____.US			
Email: ~~john_carey@urscorp.com~~	WO #: 12806651.00000 Vendor No. 1427536			
Project Name: PCS FFF Moultrie	Project #: 64005633			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A - Site Metals	6020A - Dissolved Site Metals	6020A, 7470A - Site metals, Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	D		
MW-4S	8.5.14	0955	G	W			1			1	
MW-18S	8.5.14	1110					1			1	
MW-19S	8.5.14	1221					1			1	
MW-20S	8.6.14	0830					1			1	
MW-22S	8.5.14	1551					1			1	
MW-23S	8.6.14	1431					1			1	
MW-25S	8.7.14	0814					1			1	
MW-26S	8.6.14	0944					1			1	
MW-33S	8.7.14	1134					1			1	
MW-34S	8.7.14	1628					1			1	
MW-34I	8.7.14	1602			N		1	1		2	

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: ~~T Campbell~~	Date: 7/30/2014	Time: 0915	Method of Shipment:				
Relinquished by: T. Campbell	Date/Time: 8.8.14 1312	Company: URS	Received by: [illegible]	Date/Time: 0808/14 1312	Company: URS		
Relinquished by: [illegible]	Date/Time: 08.08.14 1651	Company: URS	Received by:	Date/Time: 8/8/14 1652	Company: [illegible]		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company		

Custody Seals Intact: △ Yes △ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

9/8/2014

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: Trevor Campbell	Lab PM: Marks, Amy	Carrier Tracking No(s):	COC No: 640-44346-11647.1
Client Contact: ~~Mr. John Carey~~ J. Wagner	Phone: 850-543-2533	E-Mail: amy.marks@testamericainc.com		Page: Page 1
Company: URS Corporation				Job #:
Address: 1625 Summit Lake Drive Suite 200	Due Date Requested:			
City: Tallahassee	TAT Requested (days):			
State, Zip: FL, 32317				
Phone: ~~850-402-6409~~(Tel)	PO #: _____.US			
Email: ~~john_carey@urscorp.com~~	WO #: 12806651.00000 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)	6020A - Site Metals	6020A - Dissolved Site Metals	6020A, 7470A - Site metals, Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	D		
MW-42S	8-5-14	1423	G	W			1			1	
MW-43S	8.8.14	0918	|	|		1			1	
MW-44S	8.5.14	1754	|	|		1			1	
MW-46S	8.6.14	1112	|	|		1			1	
MW-47S	8.7.14	1436	|	|		1			1	
MW-TP2S	8.7.14	0935	|	|		1			1	
MW-TP3S	8.6.14	1721	|	|		1			1	
FFFW-3-R	8.8.14	1037	|	|		1			1	
MW-TP4S	8.8.14	1202	|	|		1			1	

Possible Hazard Identification
☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: ~~T. Campbell~~	Date: 7/30/2014	Time: 0915	Method of Shipment:				
Relinquished by:	Date/Time: 8.8.14 1312	Company URS	Received by:	Date/Time: 08.08.14 1312	Company URS
Relinquished by:	Date/Time: 08.08.14 1651	Company URS	Received by:	Date/Time: 8/8/14 1651	Company URS
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: △ Yes △ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

9/8/2014

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

9/8/2014

Client Information	Sampler: Brett. McKee	Lab PM: Marks, Amy	Carrier Tracking No(s):	COC No: 640-44346-11647.1
Client Contact: ~~Mr. John Carey~~ Jeff Wagner	Phone: 904 563-7232	E-Mail: amy.marks@testamericainc.com		Page: Page 1
Company: URS Corporation				Job #:
Address: 1625 Summit Lake Drive Suite 200	Due Date Requested:			
City: Tallahassee	TAT Requested (days):			
State, Zip: FL, 32317				
Phone: ~~850-402-6409(Tel)~~ 850-251-7208	PO #: _____.US			
Email: ~~john_carey@urscorp.com~~ Jeff	WO #: 12806651.00000 Vendor No. 1427536			
Project Name: PCS FFF Moultrie	Project #: 64005633			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A - Site Metals	6020A - Dissolved Site Metals	6020A, 7470A - Site metals, Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	D		
MW-7I	08/07/14	1703	G	W	N		X			1	
MW-12I	08/07/14	1118	G	W	N		X			1	
MW-12S	08/07/14	1159	G	W	N		X			1	
MW-13I	08/07/14	1815	G	W	N		X			1	
MW-15S	08/07/14	1549	G	W	N		X			1	
MW-30S	08/08/14	1114	G	W	N		X			1	
MW-32I	08/07/14	1646	G	W	N		X			1	
MW-32S-R	08/07/14	1238	G	W	N		X			1	
MW-41S	08/07/14	0927	G	W	N		X			1	
MW-49S	08/06/14	1426	G	W	N		X			1	
MW-49S (Dissolved)	08/06/14	1429	G	W	Y		~~X~~	X	dh	1	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date: 7/30/2014	Time: 0915	Method of Shipment:		
Relinquished by: Brett McKee	Date/Time: 08/08/14 1313	Company: URS	Received by:	Date/Time: 080814 1313	Company: URS
Relinquished by:	Date/Time: 08/08/14 1651	Company: URS	Received by:	Date/Time: 8/8/14 1650	Company: TAT
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

9/8/2014

Client Information	Sampler: Brett McKee	Lab PM: Marks, Amy	Carrier Tracking No(s):	COC No: 640-44346-11647.1
Client Contact: ~~Mr. John Carey~~ Jeff Wagner	Phone: 904-513-7232	E-Mail: amy.marks@testamericainc.com		Page: Page 1
Company: ~~URS Corporation~~				Job #:

Address: 1625 Summit Lake Drive Suite 200	Due Date Requested:	
City: Tallahassee	TAT Requested (days):	
State, Zip: FL, 32317	PO #: _____.US	
Phone: ~~850-402-6409(Tel)~~ 850-751-7208	WO #: 12806651.00000 Vendor No. 1427536	
Email: ~~john_carey@urscorp.com~~	Project #: 64005633	
Project Name: PCS FFF Moultrie	SSOW#:	
Site:		

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A - Site Metals	6020A - Dissolved Site Metals	6020A, 7470A - Site metals, Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	D		
DUP-6			G	W			X	~~X~~ KBM		1	
DUP-7			G	W			X	~~X~~ KBM		1	
EQ-2	08/07/14	0704	G	W	N		X			1	

Possible Hazard Identification
☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date: 7/30/2014	Time: 0915	Method of Shipment:			
Relinquished by: Brett McKee	Date/Time: 08/08/14 1313	Company: URS	Received by:	Date/Time: 080814 1313	Company: URS		
Relinquished by:	Date/Time: 08.08.14 1651	Company: URS	Received by:	Date/Time: 8/8/14 1652	Company: TAL		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company		

Custody Seals Intact: △ Yes △ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

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

9/8/2014

Client Information	Sampler: Trevor Campbell	Lab PM: Marks, Amy	Carrier Tracking No(s):	COC No: 640-44346-11647.1
Client Contact: Mr. John Carey	Phone: 850-543-2533	E-Mail: amy.marks@testamericainc.com		Page: Page 1
Company: URS Corporation		Analysis Requested		Job #: 640-48844
Address: 1625 Summit Lake Drive Suite 200	Due Date Requested:			Preservation Codes:
City: Tallahassee	TAT Requested (days):			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)
State, Zip: FL, 32317				
Phone: 850-402-6409(Tel)	PO #: _____.US			
Email: john_carey@urscorp.com	WO #: 12806651.00000 Vendor No. 1427536			
Project Name: PCS FFF Moultrie	Project #: 64005633			Other:
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A - Site Metals	6020A - Dissolved Site Metals	6020A, 7470A - Site metals, Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	D		
MW-11S	8-11-14	1342	G	W	✓		1	1		2	
MW-24S	8-11-14	1222					1			1	
MW-29S	8-12-14	1426							1	1	
MW-35S	8-11-14	1531					1			1	
MW-40S	8-12-14	1132			✓		1	1		2	
FFFW-1-R	8-12-14	1620					1			1	
FFFW-4-R	8-11-14	1759			✓		1	1		2	
MW-TP1I	8-13-14	0821					1			1	
MW-TP1S	8-13-14	3931					1			1	
MW-TP5I	8-11-14	1025			✓		1	1		2	
MW-TP5S	8-11-14	1055					1			1	

640-48844 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: 7/30/2014	Time: 0915	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	8-13-14 1326	URS		8/13/14 1326	TAL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4

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: Brett Mikel	Lab PM: Marks, Amy	Carrier Tracking No(s):	COC No: 640-44346-11647.1
Client Contact: ~~Mr. John Carey~~ J. Wagner	Phone: 904-563-7232	E-Mail: amy.marks@testamericainc.com		Page: Page 1
Company: URS Corporation		Analysis Requested		Job #: 640-48844
Address: 1625 Summit Lake Drive Suite 200	Due Date 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)
City: Tallahassee	TAT Requested (days):			
State, Zip: FL, 32317				
Phone: 850-402-6409(Tel)	PO #: _____.US			Other:
Email: john_carey@urscorp.com	WO #: 12806651.00000 Vendor No. 1427536			
Project Name: PCS FFF Moultrie	Project #: 64005633			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A - Site Metals	6020A - Dissolved Site Metals	6020A, 7470A - Site metals, Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	D		
FFF W-2-I	8/12/14	1657	G	W			X				
FFFW-2-R	8/12/14	1719	G	W			X				
MW-21S	8/11/14	1256	G	W			X				
MW-28S	8/11/14	1541	G	W			X				
MW-31S	8/13/14	1039	G	W			X				
MW-31S (Dissolved)	8/13/14	1041	G	W			X	X			
MW-45S	8/11/14	1808	G	W			X				
MW-48S	8/13/14	1075	G	W			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: 7/30/2014	Time: 0915	Method of Shipment:				
Relinquished by:	Date/Time: 8/13/14 / 1243	Company: URS	Received by: T. Campbell	Date/Time: 8/13/14 / 1243	Company: URS
Relinquished by:	Date/Time: 8-13-14 / 1326	Company: URS	Received by:	Date/Time: 8/13/14 1326	Company:
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 4

9/8/2014

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

9/8/2014

Client Information	Sampler: Trevor Campbell	Lab PM: Marks, Amy	Carrier Tracking No(s):	COC No: 640-44346-11647.1
Client Contact: Mr. John Carey	Phone: 850-543-2533	E-Mail: amy.marks@testamericainc.com		Page: Page 1
Company: URS Corporation				Job #: 640-48844
Address: 1625 Summit Lake Drive Suite 200	Due Date Requested:			
City: Tallahassee	TAT Requested (days):			
State, Zip: FL, 32317				
Phone: 850-402-6409(Tel)	PO #: _____.US			
Email: john_carey@urscorp.com	WO #: 12806651.00000 Vendor No. 1427536			
Project Name: PCS FFF Moultrie	Project #: 64005633			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A - Site Metals	6020A - Dissolved Site Metals	6020A, 7470A - Site metals, Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	D		
DUP-2	8-12-14		G	W					1	1	
DUP-4	8-11-14		1	1			1			1	

Possible Hazard Identification
☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date: 7/30/2014	Time: 0915	Method of Shipment:			
Relinquished by:	Date/Time: 8-13-14 1326	Company URS	Received by:	Date/Time: 8/13/14 1326	Company TAL		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company		

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: .4

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	CESQG	1	800-535-5053	18483

5. Generator's Name and Mailing Address
PCS Joint Venture Ltd - GA
315 4th Ave NE
Moultrie, GA 31768
Generator's Phone: 850 402-6427

Generator's Site Address (if different than mailing address)
Broker Contact: Deb Hilton (URS)
cell: 850-528-8995

6. Transporter 1 Company Name: Robbie D. Wood, Inc. — U.S. EPA ID Number: ALD067138891

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Perma-Fix of Florida, Inc.
1940 N.W. 67th Place
Gainesville, FL 32653
Facility's Phone: 352-373-6066
U.S. EPA ID Number: FLD980711071

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	Non-Regulated Material (Purge Water) PF #51759	007	DM	0385	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 #12806651.00000 W.O. #305008 Mail Man to: 1625 Summit Lake Dr #200, Tallahassee FL 32317 Attn: Jeffry Wagner jeffry.wagner@urs.com INV SEPARATELY;

D510 WOOD H141

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: Jason Fletcher (URS) as agent for PCS Joint Venture — Signature: [signature] — Month 09 Day 02 Year 14

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Charles Craig — Signature: [signature] — Month 09 Day 02 Year 14
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: Tom McCarty — Signature: [signature] — Month 9 Day 8 Year 14

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 6 10498 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

11-Sep-14

PCS JOINT VENTURE LTD GA
URS
ENVIRONMENTAL SAFETY
1625 SUMMIT LAKE DR #200
TALLAHASSEE FL 32317

REF: MANIFEST NUMBER: 18483
SHIPMENT NUMBER: PF-466N
SHIPMENT DATE: 09/08/2014

ON THE ABOVE DATE, YOUR WASTE MATERIAL WAS RECEIVED AT OUR FACILITY.
PERMA-FIX OF FLORIDA EPA ID NUMBER FLD980711071

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-1S-R	DATE: 08.06.14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: ~~1~~ 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 7.14	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (14.68 feet – 7.14 feet) X 0.16 gallons/foot = 1.2064 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: 0738	PURGING ENDED AT: 0858	TOTAL VOLUME PURGED (gallons): 4.80

TIME	VOLUME 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
0852	4.44	4.44	0.06	9.39	6.48	26.84	362	1.00	0.66	24.9	No	No
0855	0.18	4.62	0.06	9.41	6.46	26.91	361	0.96	0.83	20.5	"	"
0858	0.18	4.80	0.06	9.41	6.45	26.96	360	0.80	0.77	19.7	"	"

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: DHilton / URS	SAMPLER(S) SIGNATURE(S): DHilton	SAMPLING INITIATED AT: 0859	SAMPLING ENDED AT: 0903
PUMP OR TUBING DEPTH IN WELL (feet): 9	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	~200

REMARKS:

Total Depth (ft btoc): 14.50

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

E IE: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-11-R	SAMPLE ID: MW-11R
	DATE: 08.06.14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 32.12 feet to 37.22 feet	STATIC DEPTH TO WATER (feet): 8.07	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (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) + 0.15 gallons = 0.267 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 0750	PURGING ENDED AT: 0820	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 (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
0810	2.0	2.0	0.10	8.29	4.72	23.55	140	0.58	1.27	240.1	No	No
0815	0.5	2.5	0.10	8.29	4.68	23.53	140	0.52	0.91	240.3	"	"
0820	0.5	3.0	0.10	8.29	4.67	23.52	140	0.51	0.53	239.6	"	"

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:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
DCHilton/URS	DCHilton	0821	0824

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

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

REMARKS:

Total Depth (ft btoc): 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: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-2S	SAMPLE ID: MW-2S	DATE: 08.05.14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 5.25	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)
= (14 feet – 5.25 feet) X 0.16 gallons/foot = 1.4 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7	PURGING INITIATED AT: 1307	PURGING ENDED AT: 1406	TOTAL VOLUME PURGED (gallons): 5.9

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
1400	5.3	5.3	0.10	6.47	3.93	25.85	565	3.21	3.05	176.1	No	No
1403	0.3	5.6	0.10	6.45	3.93	25.97	565	3.30	2.20	175.6	"	"
1406	0.3	5.9	0.10	6.45	3.93	25.93	565	3.32	1.41	174.2	"	"

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: DC Hilton / ORS	SAMPLER(S) SIGNATURE(S): DC Hilton	SAMPLING INITIATED AT: 1407	SAMPLING ENDED AT: 1410

PUMP OR TUBING DEPTH IN WELL (feet): 7	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:

Total Depth (ft btoc): 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: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-2I	SAMPLE ID: MW-2I	DATE: 08.05.14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 30 feet to 35 feet	STATIC DEPTH TO WATER (feet): 6.90'	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)
= (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) + 0.15 gallons = 0.267 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32.5	PURGING INITIATED AT: 1311	PURGING ENDED AT: 1339	TOTAL VOLUME PURGED (gallons): 1.68

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
1324	0.78	0.78	0.06	7.02	4.63	26.01	179	0.56	1.03	185.2	No	No
1329	0.30	1.08	0.06	7.02	4.73	25.15	141	0.52	0.85	162.8	"	"
1334	0.30	1.38	0.06	7.02	4.72	25.24	137	0.38	0.92	157.4	"	"
1339	0.30	1.68	0.06	7.02	4.75	25.07	135	0.36	0.73	145.2	"	"

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: DCHilton/URS	SAMPLER(S) SIGNATURE(S): DCHilton	SAMPLING INITIATED AT: 1340	SAMPLING ENDED AT: 1346
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					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	~200 dh

REMARKS:

Total Depth (ft btoc): 35.15

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

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: 08.05.14 / 08.08.14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 12.10	PURGE PUMP TYPE OR BAILER: PP

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

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 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: 1150	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1201	—	—	0.06	Couldn't stabilize water					—	—	—	—
1220	—	—	purged dry	—	—	—	—	—	—		—	—
08.08.14												
1127	—	—	—	17.46	3.24	33.57	4404	2.12	0.95	398.3	No	No
1136	—	—	—	—	—	—	—	—	0.78	—	—	—

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: DCHilton/VRS	SAMPLER(S) SIGNATURE(S): DCHilton	SAMPLING INITIATED AT: 1134	SAMPLING ENDED AT: 1135
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 DUP-3	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	N300

REMARKS:

Total Depth (ft btoc): 19.10

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

E: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-3I	SAMPLE ID: MW-3I
	DATE: 08.05.14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 39 feet to 44 feet	STATIC DEPTH TO WATER (feet): 13.55	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: **1 WELL VOLUME** = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (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): 41.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 41.5	PURGING INITIATED AT: 1104	PURGING ENDED AT: 1139	TOTAL VOLUME PURGED (gallons): 3.5

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
1129	2.5	2.5	0.10	13.59	4.83	28.12	162	0.43	0.51	61.0	No	No
1134	0.5	3.0	0.10	13.60	4.82	27.90	162	0.39	0.46	51.6	"	"
1139	0.5	3.5	0.10	13.60	4.81	27.99	162	0.36	0.44	44.1	"	"

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: DCH Hon	SAMPLER(S) SIGNATURE(S): DCHilton	SAMPLING INITIATED AT: 1140	SAMPLING ENDED AT: 1144
PUMP OR TUBING DEPTH IN WELL (feet): 41.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:

Total Depth (ft btoc): 44.90

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

E: 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: 8/5/14

PURGING DATA

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

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (12 feet – 2.58 feet) X 0.16 gallons/foot = 1.5072 gallons ×3 = 4.5216

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): ~9	PURGING INITIATED AT: 850	PURGING ENDED AT: 0953	TOTAL VOLUME PURGED (gallons): 5.04

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
0947	4.56	4.56	0.08	8.58	6.15	29.01	5345	1.04	2.45	124.8	none	none
0950	0.24	4.80	0.08	"	6.19	28.91	5343	1.08	1.78	121.8	"	"
0953	0.24	5.04	0.08	"	6.19	28.82	5349	1.07	1.78	121.4	"	"

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: Trevor Campbell / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0955	SAMPLING ENDED AT: 0957
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	-----	-----	Well Specific Metals 6020A	APP	~200

REMARKS:

Total Depth (ft btoc): 11.65

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

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GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-5S-R	SAMPLE ID: MW-5S-R
	DATE: 08.07.14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 6.72	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (16.74 feet – 6.72 feet) X 0.16 gallons/foot = 1.6032 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):	PURGING INITIATED AT: 1415	PURGING ENDED AT: 15	TOTAL VOLUME PURGED (gallons): 5.70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1535	4.80	4.80	0.06	~~8.7~~7.84	3.81	31.41	2293	0.47	2.63	275.0	No	No
1538	0.18	4.98	0.06	7.84	3.81	31.63	2297	0.44	2.75	275.1	"	"
1541	0.18	5.16	0.06	7.84	3.81	31.78	2295	0.48	2.10	275.4	"	"
1544	0.18	5.34	0.06	7.84	3.81	32.14	2293	0.46	5.13	273.1	"	"
1547	0.18	5.52	0.06	7.84	3.81	32.26	2290	0.49	2.64	273.8	"	"
1550	0.18	5.70	0.06	7.84	3.82	32.35	2291	0.45	2.40	274.6	"	"

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: DDelton/URS	SAMPLER(S) SIGNATURE(S): DDelton	SAMPLING INITIATED AT: 1551 ~~1548~~	SAMPLING ENDED AT: 1555
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	~200

REMARKS:

Total Depth (ft btoc): 16.48

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-6SR	SAMPLE ID: MW-6SR	DATE: 08.05.14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 7.06	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 feet – 7.06 feet) X 0.16 gallons/foot = 1.1104 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): 9.0	PURGING INITIATED AT: 1431	PURGING ENDED AT: 1540	TOTAL VOLUME PURGED (gallons): 4.14

TIME	VOLUME 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
1531	3.60	3.60	0.06	8.73	3.28	32.80	5467	0.23	0.75	311.4	No	No
1534	0.18	3.78	0.06	8.74	3.28	32.47	5501	0.23	0.83	309.8	"	"
1537	0.18	3.96	0.06	8.74	3.27	32.32	5508	0.24	0.60	307.3	"	"
1540	0.18	4.14	0.06	8.75	3.27	32.44	5520	0.22	1.05	307.0	"	"

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: DC Hilton / DRS	SAMPLER(S) SIGNATURE(S): DC Hilton	SAMPLING INITIATED AT: 1541	SAMPLING ENDED AT: 1549
PUMP OR TUBING DEPTH IN WELL (feet): 9.0	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 DUP-1	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	~200 mL

REMARKS:

Total Depth (ft btoc): 16.75' btoc

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-6I	SAMPLE ID: MW-6I	DATE: 08.06.14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 28 feet to 33 feet	STATIC DEPTH TO WATER (feet): 6.19	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (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) + 0.15 gallons = 0.254 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30.5	PURGING INITIATED AT: 0954	PURGING ENDED AT: 1019	TOTAL VOLUME PURGED (gallons): 2.5

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
1009	1.5	1.5	0.10	6.39	4.70	23.65	188	0.31	2.12	191.9	No	Slight
1014	0.5	2.0	0.10	6.39	4.70	23.65	190	0.28	1.78	196.0	"	"
1019	0.5	2.5	0.10	6.39	4.70	23.61	191	0.25	1.42	198.0	"	"

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: DCHilton/URS	SAMPLER(S) SIGNATURE(S): DCHilton	SAMPLING INITIATED AT: 1020	SAMPLING ENDED AT: 1022
PUMP OR TUBING DEPTH IN WELL (feet): 30.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS: Slight chemical odor

Total Depth (ft btoc): 33.40

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-7S-R	SAMPLE ID: MW-7S-R	DATE: 08.07.14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 7 feet to 17 feet	STATIC DEPTH TO WATER (feet): 8.24	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)
= (17.05 feet – 8.24 feet) X 0.16 gallons/foot = 1.4096 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: 0729	PURGING ENDED AT: 1000	TOTAL VOLUME PURGED (gallons): 4.53

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
0954	4.35	4.35	0.03	9.17	2.96	27.04	2530	0.48	0.58	393.2	No	No
0957	0.09	4.44	0.03	9.17	2.94	27.05	2531	0.61	0.54	393.2	"	"
1000	0.09	4.53	0.03	9.17	2.96	27.10	2531	0.45	1.18	392.8	"	"

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:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1001	SAMPLING ENDED AT: 1005
DClifton / URS	DClifton		

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

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

REMARKS:

Total Depth (ft btoc): ~~15.00~~ 16.95 dtw

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

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: 08/07/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 39.5 feet to 49.5 feet	STATIC DEPTH TO WATER (feet): 9.70	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)
= (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 + (0.0076 gallons/foot X 50 feet) + 0.25 gallons = 0.38 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 45	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 45	PURGING INITIATED AT: 1637	PURGING ENDED AT: 1700	TOTAL VOLUME PURGED (gallons): 1.38

TIME	VOLUME 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
1650	0.78	0.78	0.06	10.29	4.04	22.62	947	0.34	3.73	205.3	clear	none
1675	0.30	1.08	↓	10.29	4.09	22.68	940	0.27	3.01	213.0	↓	Sl. gw.
1700	0.30	1.38	↓	10.29	4.15	22.78	930	0.29	2.58	218.2	↓	↓

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: B. McKee / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1703	SAMPLING ENDED AT: 1705

PUMP OR TUBING DEPTH IN WELL (feet): 45	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	227

REMARKS:

Total Depth (ft btoc): 49.89

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-8I	SAMPLE ID: MW-8I	DATE: 08.05.14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 30 feet to 35 feet	STATIC DEPTH TO WATER (feet): 12.35	PURGE PUMP TYPE OR BAILER: PP

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

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable) dh 34.5 ~~0~~ gallons + (0.0024 gallons/foot X 45 feet) + 0.15 gallons = 0.267 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~~37.5~~	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~~37.5~~ 34.5	PURGING INITIATED AT: 1437	PURGING ENDED AT: 1502	TOTAL VOLUME PURGED (gallons): 1.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1452	0.90	0.90	0.06	12.42	4.38	26.27	219	0.67	1.70	135.6	No	No
1457	0.30	1.20	0.06	12.42	4.39	26.33	220	0.54	0.59	138.6	"	"
1502	0.30	1.50	0.06	12.42	4.38	26.47	221	0.51	0.54	141.0	"	"

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: DCrhilton/URS	SAMPLER(S) SIGNATURE(S): DCrhilton	SAMPLING INITIATED AT: ~~10~~ 1502 dh	SAMPLING ENDED AT: 1504
PUMP OR TUBING DEPTH IN WELL (feet): ~~37.5~~ 34.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS: screen interval from TOC = 32.92 – 37.92 Total Depth (ft btoc): 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: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

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

WELL NO:	SAMPLE ID:	DATE:
MW-9SR	MW-9SR	08.05.14

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	4 feet to 15 feet	6.34	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (17.39 feet – 6.34 feet) X 0.16 gallons/foot = 1.768 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
8.5	8.5	0921	1027	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
1013	5.2	5.2	0.10	7.01	5.09	23.76	0.33 → 1168		0.21	168.1	No	No
1021	0.8	6.0	0.10	7.03	5.09	23.69	1170	0.28	0.16	158.8	"	"
1024	0.3	6.3	0.10	7.03	5.09	23.71	1171	0.30	0.67	154.9	"	"
1027	0.3	6.6	0.10	7.03	5.10	23.78	1168	0.29	0.78	150.3	"	"

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
DCHilton/VRS	DCHilton	1028	1031

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

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	1302

REMARKS:

Total Depth (ft btoc): 16.70' btoc

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-10S-R	SAMPLE ID: MW-10S-R	DATE: 08.07.14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 6.84 feet to 16.84 feet	STATIC DEPTH TO WATER (feet): 7.40	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)
= (16.84 feet – 7.40 feet) X 0.16 gallons/foot = 1.5104 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): 9.5	PURGING INITIATED AT: 1032	PURGING ENDED AT: 1244	TOTAL VOLUME PURGED (gallons): 3.96

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
1232	3.60	3.60	0.03	8.90	4.91	30.15	179	0.44	2.54	211.1	No	No
1235	0.09	3.69	0.03	8.89	4.91	30.60	180	0.54	1.28	211.0	"	"
1238	0.09	3.78	0.03	8.89	4.93	~~31.35~~	180	0.57	1.34	213.3	"	"
1241	0.09	3.87	0.03	8.89	4.93	~~31.42~~ 31.52	180	~~0.44~~ 0.52	1.13	214.9	"	"
1244	0.09	3.96	0.03	8.89	4.93	31.45	180	0.44	1.76	214.6	"	"

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: DCrilton (VRS)	SAMPLER(S) SIGNATURE(S): DCrilton	SAMPLING INITIATED AT: 1245	SAMPLING ENDED AT: 1249
PUMP OR TUBING DEPTH IN WELL (feet): 9.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:

Total Depth (ft btoc): 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: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-101I	SAMPLE ID: MW-101I	DATE: 08.07.14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 37.73 feet to 42.73 feet	STATIC DEPTH TO WATER (feet): 7.20	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)
= (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):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1038	PURGING ENDED AT: 1113	TOTAL VOLUME PURGED (gallons): 1.86

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1103	1.50	1.50	0.06	8.21	5.80	25.35	81	0.39	3.25	162.3	No	No
1108	0.18	1.68	0.06	8.22	5.78	25.47	80	0.42	3.73	164.1	"	"
1113	0.18	1.86	0.06	8.23	5.76	25.65	80	0.44	2.25	159.9	"	"

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1114	SAMPLING ENDED AT: 1118
DHilton/VRS	DHilton		

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	≈ 200

REMARKS:

Total Depth (ft btoc): 41.95

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: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

E ME: 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: 08.08.14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 4.70 feet to 14.70 feet (ftbtoc)	STATIC DEPTH TO WATER (feet): 7.21	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (14.70 feet – 7.21 feet) X 0.16 gallons/foot = 1.1984 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
9		1007		

TIME	VOLUME 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
~~1058~~ 1059 dh			purged dry - could not stabilize water level dh									
		well sampled 08/11/14	see next page for log									

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Debbie Horton / PKS			

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

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

REMARKS:

Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

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

WELL NO:	SAMPLE ID:	DATE:
MW-11S	MW-11S	8/11/14

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	4.70 feet to 14.70 feet	7.28	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (14.70 feet – 7.28 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)
= gallons + (gallons/foot X feet) + gallons = gallons

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

TIME	VOLUME 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
1340	—	—	—	7.43	6.62	24.90	1275	1.65	42.2	-94.0	none	none

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Trevor Campbell / WPS		1342	1344

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	~200

REMARKS: Well was purged dry by D. Hilton on 8/8/14. Parameter readings taken in YSI cup.

Total Depth (ft btoc): 14.10' bmp

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-12S	SAMPLE ID: MW-12S
	DATE: 08/07/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 15 feet to 25 feet	STATIC DEPTH TO WATER (feet): 10.55	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (25 feet – 10.55 feet) X 0.16 gallons/foot = 2.31 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 15	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14	PURGING INITIATED AT: 1014	PURGING ENDED AT: 1159	TOTAL VOLUME PURGED (gallons): 8.0

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
~~1143~~	~~7.02~~	~~7.02~~										
1147	7.04	7.04	0.08	12.04	3.27	24.45	9805	1.60	2.74	389.0	clear	slight
1150	0.24	7.28	↓	12.10	3.27	23.52	9718	1.19	1.43	391.4	clear	slight
1153	0.24	7.52		12.12	3.27	23.69	9676	0.81	1.26	394.5	↓	↓
1156	0.24	7.76		12.13	3.27	23.70	9675	0.82	1.25	395.6		
1159	0.24	8.0		12.13	3.27	23.65	9673	0.62	0.94	396.8		

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. Muller / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1159	SAMPLING ENDED AT: 1201
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					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300
DUP-6	"	"	"	"	—	—	"	"	300

REMARKS:
3 well vols 6.9 gal

Total Depth (ft btoc): 24.51

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

E ME: 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: 08/07/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 33.5 feet to 38.0 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP

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

EQUIPMENT VOLUME PURGE: **1 EQUIPMENT VOL.** = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 45 feet) + 0.15 gallons = 0.267 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 35	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 35	PURGING INITIATED AT: 1045	PURGING ENDED AT: 1115	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
1100	0.90	0.90	0.06	10.61	4.11	24.10	433	0.26	8.29	278.6	Clear	none
1105	0.3	~~0.931.2~~	↓	10.61	4.14	24.32	432	0.21	4.93	278.0	↓	↓
1110	0.3	~~0.~~ 1.5		10.61	4.14	24.31	431	0.20	4.38	277.6		
1115	0.3	1.8		10.61	4.15	24.32	431	0.17	3.47	276.4		

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: B. McKee/URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1118	SAMPLING ENDED AT: 1123
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	-----	-----	Well Specific Metals 6020A	APP	227

REMARKS:

Total Depth (ft btoc): 38.67

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

E: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-13S-R	SAMPLE ID: MW-13S-R — DATE: 08.06.14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 7 feet to 17 feet	STATIC DEPTH TO WATER (feet): 5.74	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (17.06 feet – 5.74 feet) X 0.16 gallons/foot = 1.8112 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7.5	PURGING INITIATED AT: 1500	PURGING ENDED AT: 1552	TOTAL VOLUME PURGED (gallons): 6.24

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1546	5.52	5.52	0.12	6.82	5.63	23.15	640	0.19	8.70	38.5	No	No
1549	0.36	5.88	0.12	6.82	5.64	23.01	639	0.19	1.02	34.0	"	"
1552	0.36	6.24	0.12	6.82	5.66	22.93	639	0.17	0.42	28.5	"	"

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: DHilton/URS	SAMPLER(S) SIGNATURE(S): DHilton	SAMPLING INITIATED AT: 1553	SAMPLING ENDED AT: 1555

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

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

REMARKS:

Total Depth (ft btoc): 16.85

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

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: 8/5/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 44 feet to 54 feet	STATIC DEPTH TO WATER (feet): 14.74	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)
= (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 ~~39.5~~ 66.0 feet) + 0.15 gallons = ~~0.34~~ 0.32 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 50	PURGING INITIATED AT: 1734	PURGING ENDED AT: ~~1912~~ 1917	TOTAL VOLUME PURGED (gallons): 5.28

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
~~1757~~	~~1.84~~ 1.84	~~1.84~~ 1.84	0.08	18.16	6.84	28.14	116	0.67	~~0.55~~	173.1	clear	V. Slight
~~1802~~	0.4	2.24	0.08	18.34	6.90	25.61	120	0.50	0.54	164.6	↓	↓
1807	0.4	4.88	0.08	18.46	6.87	25.60	119	0.58	0.41	163.9		
1912	0.4	5.28	0.08	18.55	6.98	25.62	121	0.62	0.36	153.0		

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: B. McKee / GRS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1815	SAMPLING ENDED AT: 1820
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					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:

Total Depth (ft btoc): 53.99

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

E: 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: 08/07/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 9.64	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)
= (19.90 feet – 9.64 feet) X 0.16 gallons/foot = 1.64 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11	PURGING INITIATED AT: 1400	PURGING ENDED AT: 1540	TOTAL VOLUME PURGED (gallons): 5.30

TIME	VOLUME 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
1540	5.0	5.0	0.05	9.89	3.42	22.76	1797	0.09	1.04	370.0	clear	none
1543	0.15	5.15		↓	3.43	22.80	1792	0.09	0.39	369.6	↓	↓
1546	0.15	5.30		↓	3.44	22.61	1768	0.09	0.52	368.9	↓	↓

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):	SAMPLING INITIATED AT: 1549	SAMPLING ENDED AT: 1552
PUMP OR TUBING DEPTH IN WELL (feet): 11	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	190

REMARKS:
3 well vol = 4.92

Total Depth (ft btoc): 20.00

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

ME: 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: 8/5/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 3 feet to 13 feet	STATIC DEPTH TO WATER (feet): 0.60	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (13 feet – 0.60 feet) X 0.16 gallons/foot = 1.984 gallons
X3 = 5.952

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: 1012	PURGING ENDED AT: 1108	TOTAL VOLUME PURGED (gallons): 6.72

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1102	6.0	6.0	0.12	2.20	4.97	23.45	532	0.18	0.62	105.7	none	none
1105	0.36	6.36	0.12	"	4.97	23.46	532	0.18	0.41	105.7	"	"
1108	0.36	6.72	0.12	"	4.97	23.46	532	0.18	0.52	105.2	"	"

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Trevor Campbell / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1110	SAMPLING ENDED AT: 1112

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	-----	-----	Well Specific Metals 6020A	APP	~200

REMARKS:

Total Depth (ft btoc): 12.78

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

50 1102

GEORGIA
GROUNDWATER SAMPLING LOG

E .ME: 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: 8/5/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 3 feet to 13 feet	STATIC DEPTH TO WATER (feet): 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)

= (13 feet – 4.56 feet) X 0.16 gallons/foot = 1.3504 gallons

x3= 4.0512

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): 9	PURGING INITIATED AT: 1133	PURGING ENDED AT: 1219	TOTAL VOLUME PURGED (gallons): 4.6

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
1213	4.0	4.0	0.10	8.10	4.81	24.60	2538	0.22	0.55	162.9	none	none
1216	0.3	4.3	"	"	4.81	24.62	2548	0.22	0.61	162.6	"	"
1219	0.3	4.6	"	"	4.80	24.66	2552	0.22	0.71	162.2	"	"

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Trevor Campbell / URS	SAMPLER(S) SIGNATURE(S): T Call	SAMPLING INITIATED AT: 1221	SAMPLING ENDED AT: 1223
PUMP OR TUBING DEPTH IN WELL (feet): 9	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	~200

REMARKS:

Total Depth (ft btoc): 16.83

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: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

1219

GEORGIA
GROUNDWATER SAMPLING LOG

ME: 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: 8/6/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 5 feet to 15 feet	STATIC DEPTH TO WATER (feet): 2.65	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)
= (15 feet – 2.65 feet) X 0.16 gallons/foot = 1.976 gallons
X3 = 5.928

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 4.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5.5	PURGING INITIATED AT: 0732	PURGING ENDED AT: 0828	TOTAL VOLUME PURGED (gallons): 6.72

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
0822	6.0	6.0	0.12	5.07	6.43	25.45	355	0.44	4.17	-53.0	none	none
0825	0.36	6.36	"	"	6.43	25.44	355	0.44	3.87	-52.9	"	"
0828	0.36	6.72	"	"	6.43	25.44	355	0.42	3.90	-52.7	"	"

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: Trevor Campbell / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0830	SAMPLING ENDED AT: 0832
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					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	~200

REMARKS:

Total Depth (ft btoc): 14.76' btoc

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

822
50

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: 08/11/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 5 feet to 20 feet	STATIC DEPTH TO WATER (feet): 4.72	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (20 feet – 4.72 feet) X 0.16 gallons/foot = 2.57 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~~10~~ 9	PURGING INITIATED AT: 1050	PURGING ENDED AT: 1253	TOTAL VOLUME PURGED (gallons): 7.99

TIME	VOLUME 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
1247	7.57	7.57	0.07	7.22	6.73	25.91	3218	0.22	1.83	-69.1	Clear	none
1250	6.21	7.78	↓	↓	6.75	25.92	3223	0.22	1.73	-70.4	↓	↓
1253	0.21	7.99	↓	↓	6.74	25.12	3223	0.23	1.63	-71.3	↓	↓

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
B. McKee / URS		1256	1258

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

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	265

REMARKS:
3 well vol = 7.57 3-1

Total Depth (ft btoc): 19.64

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: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

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: 8/5/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 6.5 feet to 16.5 feet	STATIC DEPTH TO WATER (feet): 4.44	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)

= (16.5 feet – 4.44 feet) X 0.16 gallons/foot = 1.9296 gallons x3= 5.7888

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

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 6.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10	PURGING INITIATED AT: 1450	PURGING ENDED AT: 1549	TOTAL VOLUME PURGED (gallons): 6.49

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1543	5.83	5.83	0.11	4.60	5.33	24.66	175	2.15	3.05	111.7	none	none
1546	0.33	6.16	|	|	5.29	24.60	175	2.08	2.47	111.5	|	|
1549	0.33	6.49	|	|	5.28	24.58	175	2.04	2.51	111.3	|	|

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: Trevor Campbell / MRS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1551	SAMPLING ENDED AT: 1553
PUMP OR TUBING DEPTH IN WELL (feet): 10	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:

Total Depth (ft btoc): 15.30' btoc.

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

53
1543

GEORGIA
GROUNDWATER SAMPLING LOG

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: 8/6/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 22.5 feet to 32.5 feet	STATIC DEPTH TO WATER (feet): 15.05	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) x3 = 8.376

= (32.5 feet – 15.05 feet) X 0.16 gallons/foot = 2.792 gallons

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

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 17	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 18	PURGING INITIATED AT: 1320	PURGING ENDED AT: 1429	TOTAL VOLUME PURGED (gallons): 11.04

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1423	10.08	10.08	0.16	17.25	4.64	22.94	137	1.19	1.99	192.2	none	none
1426	0.48	10.56	"	"	4.64	22.92	138	1.18	1.71	191.8	"	"
1429	0.48	11.04	"	"	4.64	22.91	138	1.17	1.71	190.0	"	"

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: Trevor Campbell / WRS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1431	SAMPLING ENDED AT: 1433
PUMP OR TUBING DEPTH IN WELL (feet): 18	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	~200

REMARKS: Longer purge to stabilize D.O. Total Depth (ft btoc): 32.33' tag

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

53 1423

GEORGIA
GROUNDWATER SAMPLING LOG

ME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-24S	SAMPLE ID: MW-24S
	DATE: 8/11/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 20.75 feet to 30.75 feet	STATIC DEPTH TO WATER (feet): 13.61	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) x3: 8.2272

= (30.75 feet – 13.61 feet) X 0.16 gallons/foot = 2.7424 gallons

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

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 15	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 15	PURGING INITIATED AT: 1114	PURGING ENDED AT: 1220	TOTAL VOLUME PURGED (gallons): 9.24

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1214	8.4	8.4	0.14	13.86	4.70	23.17	87	3.39	0.69	209.3	none	none
1217	0.42	8.82	"	"	4.70	23.24	86	3.42	0.70	209.3	"	"
1220	0.42	9.24	"	"	4.70	23.19	85	3.45	0.42	209.3	"	"

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: Trevor Campbell / WPS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1222	SAMPLING ENDED AT: 1224
PUMP OR TUBING DEPTH IN WELL (feet): 15	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	~200

REMARKS:

Total Depth (ft btoc): 29.60' tbc

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

60
1214

GEORGIA
GROUNDWATER SAMPLING LOG

ME: 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: 8/7/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 5.25 feet to 15.25 feet	STATIC DEPTH TO WATER (feet): 8.31	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY x3 = 3.3312
(only fill out if applicable)
= (15.25 feet – 8.31 feet) X 0.16 gallons/foot = 1.1104 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): 11	PURGING INITIATED AT: 0732	PURGING ENDED AT: 0812	TOTAL VOLUME PURGED (gallons): 4.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
0806	3.4	3.4	0.10	10.26	5.38	24.72	147	1.54	1.17	58.3	none	none
0809	0.3	3.7	/	/	5.37	24.73	147	1.60	1.28	60.6	/	/
0812	0.3	4.0	/	/	5.34	24.74	147	1.62	0.98	65.2	/	/

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Trevor Campbell / WRS	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 0814	SAMPLING ENDED AT: 0816
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	-----	-----	Well Specific Metals 6020A	APP	~200

REMARKS:

Total Depth (ft btoc): 14.17' btoc

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

806

34

GEORGIA
GROUNDWATER SAMPLING LOG

E: 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: 8/6/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 5 feet to 20 feet	STATIC DEPTH TO WATER (feet): 10.48	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) x3 = 4.5696

= (20 feet – 10.48 feet) X 0.16 gallons/foot = 1.5232 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): 12.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.5	PURGING INITIATED AT: 0850	PURGING ENDED AT: 0942	TOTAL VOLUME PURGED (gallons): 5.2

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
0936	4.6	4.6	1.0	11.05	4.59	23.56	88	2.19	0.64	366.6	none	none
0939	0.3	4.9	|	|	4.59	23.57	87	2.20	0.60	366.2	|	|
0942	0.3	5.2	|	|	4.59	23.58	88	2.19	0.70	367.0	|	|

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: Trevor Campbell / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0944	SAMPLING ENDED AT: 0946
PUMP OR TUBING DEPTH IN WELL (feet): 12.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	~200

REMARKS:

Total Depth (ft btoc): 19.61' btoc

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

H6 936

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-27S-R	SAMPLE ID: MW-27S-R	DATE: 08.06.14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 6.95 feet to 16.95 feet	STATIC DEPTH TO WATER (feet): 6.48	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (17.10 feet – 6.48 feet) X 0.16 gallons/foot = 1.6992 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8	PURGING INITIATED AT: 1611	PURGING ENDED AT: 1720	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
1702	5.1	5.1	0.10	7.03	6.34	25.15	804	0.19	1.38	-92.7	No	No
1705	0.3	5.4	0.10	7.03	6.41	25.35	796	2.36	5.61	-74.9	"	"
1708	0.3	5.7	0.10	7.03	6.41	25.06	795	2.59	2.50	-66.7	"	"
1711	0.3	6.0	0.10	7.03	6.35	25.57	783	0.95	1.21	-64.6	"	"
1714	0.3	6.3	0.10	7.03	6.36	24.64	783	0.42	1.08	-75.9	"	"
1717	0.3	6.6	0.10	7.03	6.37	24.56	783	0.33	1.17	-78.6	"	"
1720	0.3	6.9	0.10	7.03	6.38	24.52	786	0.27	1.29	-75.6	"	"

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: DC Hilton / URS	SAMPLER(S) SIGNATURE(S): DCHilton	SAMPLING INITIATED AT: 1720	SAMPLING ENDED AT: 1723

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	-----	-----	Well Specific Metals 6020A	APP	~300

REMARKS:

Total Depth (ft btoc): 17.00

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

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: 08/11/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 16 feet to 26 feet	STATIC DEPTH TO WATER (feet): 12.32	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (26 feet – 12.32 feet) X 0.16 gallons/foot = 2.19 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 15	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 15	PURGING INITIATED AT: 1418	PURGING ENDED AT: 1538	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
1532	6.66	6.66	0.09	13.91	4.11	27.13	1303	0.15	6.99	272.1	clear	Slight
1535	0.27	6.93	↓	↓	4.13	27.15	1305	0.13	5.68	267.1	↓	↓
1538	0.27	7.20	↓	↓	4.14	27.01	1309	0.12	4.34	263.8	↓	↓

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):	SAMPLING INITIATED AT: 1541	SAMPLING ENDED AT: 1543

PUMP OR TUBING DEPTH IN WELL (feet): 15	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS: ~~6.96~~ 6.97 = 3 well vol. 16.95 = 5 well vol

Total Depth (ft btoc): 27.85

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

Broken riser pipe described by R.D. on 3/11/14 has been repaired

GEORGIA
GROUNDWATER SAMPLING LOG

E: 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: 8/12/14

PURGING DATA

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

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) x3 = 8.496

= (29.5 feet – 11.80 feet) X 0.16 gallons/foot = 2.832 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: 1307	PURGING ENDED AT: 1424	TOTAL VOLUME PURGED (gallons): 9.24

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1418	8.52	8.52	0.12	12.20	3.85	26.49	1550	0.18	0.77	233.1	none	none
1421	0.36	8.88	"	"	3.90	26.52	1555	0.18	0.88	232.1	"	"
1424	0.36	9.24	"	"	3.91	26.53	1560	0.18	0.61	230.7	"	"

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: Trevor Campbell/URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1426	SAMPLING ENDED AT: 1428
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	250 mL	HNO_3	-----	-----	~~Well Specific Metals 6020A~~ 7470A	APP	~200

REMARKS:

Total Depth (ft btoc): 29.33' btoc

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

1418
71.

GEORGIA
GROUNDWATER SAMPLING LOG

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: 8/9/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 18.5 feet to 38.5 feet	STATIC DEPTH TO WATER (feet): 11.83	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (38.5 feet – 11.83 feet) X 0.16 gallons/foot = 4.3 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 15	PURGING INITIATED AT: 0800	PURGING ENDED AT: 1109	TOTAL VOLUME PURGED (gallons): 13.30

TIME	VOLUME 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
1103	12.85	12.85	6.075	13.33	4.05	23.57	495	1.08	0.19	296.9	Clear	none
1106	0.225	13.075	↓	↓	4.04	23.40	496	1.08	0.13	296.7	↓	↓
1109	0.225	13.3	↓	↓	4.04	23.44	496	1.02	0.12	296.6	↓	↓

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 / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1114	SAMPLING ENDED AT: 1116

PUMP OR TUBING DEPTH IN WELL (feet): 15	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	284

REMARKS:
3 well vol = 12.80

Total Depth (ft btoc): 38.91

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-315	SAMPLE ID: MW-315 DATE: 08/12/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 19.5 feet to 39.5 feet	STATIC DEPTH TO WATER (feet): 11.66	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)
= (39.47 feet – 11.66 feet) X 0.16 gallons/foot = 4.53 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 33	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 0824	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1253	13.62	13.62	0.04	25.53	4.80	29.70	49	3.16	42.1	315.3	cloudy	none
1256	0.12	13.74	0.04	25.56	4.76	29.64	50	3.15	43.0	315.9		
1259	0.12	13.86	0.04	25.57	4.75	29.53	50	2.99	40.6	316.3		
1404	Purged Dry											
			well sampled 08/13/14. see next log for info									

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brett McKee / GES	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:

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

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

REMARKS:
3 well vol = 13.59 gal 5 well vol = 22.65 Total Depth (ft btoc): 39.94

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

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

WELL NO: MW-315	SAMPLE ID: MW-315	DATE: 8/13/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 19.5 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)
= (34.94 feet – 14.19 feet) X 0.16 gallons/foot = 4.12 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): 17	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17	PURGING INITIATED AT: 1034	PURGING ENDED AT: 1037	TOTAL VOLUME PURGED (gallons): 0.18

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1037	0.18	0.18	0.06	~~15.45~~ ~~14.14~~	4.99	27~~98~~	42	4.68	189	168.6	Cloudy	none

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: B. McKee / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1039	SAMPLING ENDED AT: 1041
PUMP OR TUBING DEPTH IN WELL (feet): 17	TUBING MATERIAL CODE: PE	FIELD-FILTERED: (Y) N Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:
well purged dry 8/12/14. Grab Sample

Total Depth (ft btoc): 39.94

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

E: 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: 8/5/14

PURGING DATA

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

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (13 feet – 5.85 feet) X 0.16 gallons/foot = 1.14 x 3 = 3.42 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9ft	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10	PURGING INITIATED AT: 1117	PURGING ENDED AT: 1235	TOTAL VOLUME PURGED (gallons): 4.98

TIME	VOLUME 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
1211	3.54	3.54	0.06	8.59	6.17	27.75	14679	0.31	14.1	147.9	Brown	none
1214	0.18	3.72	↓	8.69	6.14	27.84	14684	0.25	15.1	145.7	↓	↓
1217	0.18	3.90		8.77	6.13	27.41	14907	0.24	12.2	142.4		
1229	0.72	4.62		9.14	6.08	26.84	14247	0.31	8.53	131.6		
1232	0.18	4.80		9.20	6.07	27.02	14086	0.27	8.14	131.5		
1235	0.18	4.98	↓	9.26	6.06	27.32	13967	0.25	7.69	131.4	↓	↓

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: B. Mixa/URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1238	SAMPLING ENDED AT: 1241
PUMP OR TUBING DEPTH IN WELL (feet): 10 ft	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	0.06 gpm / 227 mL/min

REMARKS:

Total Depth (ft btoc): 15.96

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: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-32-I	SAMPLE ID: MW-32-I	DATE: 8/5/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 22 feet to 27 feet	STATIC DEPTH TO WATER (feet): 9.95	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (27 feet – 9.95 feet) X 0.16 gallons/foot = 2.73 x3 = 8.2 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11	PURGING INITIATED AT: 1344	PURGING ENDED AT: 1643	TOTAL VOLUME PURGED (gallons): 8.95

TIME	VOLUME 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
1628	8.20	8.20	0.05	10.46	3.63	25.02	3012	-0.33	337.2	337.2	Clear	Strong
1631	0.15	8.35	↓	10.46	3.62	24.66	3006	-0.06	0.32	337.2	↓	↓
1634	0.15	8.50		10.46	3.63	24.79	2977	~~8.38~~ 0.15	0.33	935.1		
1637	0.15	8.65		10.48	3.63	24.62	2974	0.53	0.24	533.2		
1640	0.15	8.80		10.48	3.63	24.56	2972	0.48	0.16	532.5		
1643	0.15	8.95	↓	10.48	3.63	24.53	2972	0.43	0.23	532.1	↓	↓

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):	SAMPLING INITIATED AT: 1646	SAMPLING ENDED AT: 1650
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	-----	-----	Well Specific Metals 6020A	APP	189 mL/min
DUP-7	"	"	"	"	—	—	"	"	189 mL/min

REMARKS:

Total Depth (ft btoc): 30.12

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: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

E ME: 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: 8/7/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 17 feet to 27 feet	STATIC DEPTH TO WATER (feet): 8.62	PURGE PUMP TYPE OR BAILER: PP

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

= (27.5 feet – 8.62 feet) X 0.16 gallons/foot = 3.0208 gallons x3 = 9.0624

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

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
10		1010	1132	9.84

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1120	9.12	9.12	0.12	9.11	5.64	21.55	78	5.26	2.86	122.8	none	none
1129	0.36	9.48	"	"	5.64	21.58	78	5.25	2.71	122.8	"	"
1132	0.36	9.84	"	"	5.64	21.60	78	5.20	2.41	122.6	"	"

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: Trevor Campbell / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1134	SAMPLING ENDED AT: 1136
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	~200

REMARKS:

Total Depth (ft btoc): 27.22' btoc

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

TC 1126

GEORGIA
GROUNDWATER SAMPLING LOG

E: 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: 8/7/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 4.5 feet to 14.5 feet	STATIC DEPTH TO WATER (feet): 3.20	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)
x3=5-4:24
= (14.5 feet – 3.20 feet) X 0.16 gallons/foot = 1.808 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6	PURGING INITIATED AT: 1515	PURGING ENDED AT: 1626	TOTAL VOLUME PURGED (gallons): 7.1

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1620	6.5	6.5	0.10	5.11	6.08	26.02	27580	0.95	6.73	140.7	none	none
1623	0.3	6.8	"	"	6.08	26.04	27588	0.94	5.98	141.1	"	"
1626	0.3	7.1	"	"	6.08	26.07	27592	0.93	5.26	142.3	"	"

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: Trevor Campbell / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1628	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet): 6	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:

Total Depth (ft btoc): [redacted] btoc

14.42

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

55 1610

GEORGIA
GROUNDWATER SAMPLING LOG

E ME: 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: 8/7/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 38 feet to 43 feet	STATIC DEPTH TO WATER (feet): 5.60	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (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) + 0.15 gallons = 0.26 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 40	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 40	PURGING INITIATED AT: 1520	PURGING ENDED AT: 1600	TOTAL VOLUME PURGED (gallons): 3.2

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
1550	2.4	2.4	0.08	7.21	5.98	26.63	87	1.99	32.2	80.0	none	none
1555	0.4	2.8	"	"	5.98	26.70	87	2.00	34.6	79.9	"	"
1600	0.4	3.2	"	"	5.98	26.72	87	2.01	40.0	79.1	"	"

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Trevor Campbell / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1602	SAMPLING ENDED AT: 1604
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE	FIELD-FILTERED: (Y) N Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	~200

REMARKS: Longer purge for Turbidity ... filtered. Total Depth (ft btoc): 45.60' btoc

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

E ME: 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: 8/11/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 15 feet to 25 feet	STATIC DEPTH TO WATER (feet): 11.72	PURGE PUMP TYPE OR BAILER: PP

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

= (25 feet – 11.72 feet) X 0.16 gallons/foot = 2.1248 gallons

x3: 6.3744

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): 13.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13.5	PURGING INITIATED AT: 1416	PURGING ENDED AT: 1529	TOTAL VOLUME PURGED (gallons): 6.57

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1523	6.03	6.03	0.09	12.80	4.11	27.29	492	0.26	5.86	435.6	none	none
1526	0.27	6.30	/	/	4.10	27.33	496	0.25	5.11	434.1	/	/
1529	0.27	6.57	/	/	4.10	27.42	496	0.25	4.88	434.3	/	/

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: Trevor Campbell / MPS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1531	SAMPLING ENDED AT: 1533
PUMP OR TUBING DEPTH IN WELL (feet): 13.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	~~1~~	PE	~~250 mL~~	~~HNO_3~~	~~—~~	~~—~~	Well Specific Metals 6020A	APP	
	1	PE	250 mL	HNO_3	—	—	7470A	APP	~200

REMARKS:

Total Depth (ft btoc): 24.68'

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

7' 1527

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: 08.06.14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 6.58 feet to 16.58 feet	STATIC DEPTH TO WATER (feet): 6.02	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (16.58 feet – 6.02 feet) X 0.16 gallons/foot = 1.6896 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8	PURGING INITIATED AT: 1317	PURGING ENDED AT: 1407	TOTAL VOLUME PURGED (gallons): 6.25

TIME	VOLUME 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
1401	5.50	5.50	0.125	6.96	3.88	23.98	1794	0.23	1.38	208.0	ND	ND
1404	0.375	5.875	0.125	6.96	3.88	23.83	1785	0.23	0.75	209.4	"	"
1407	0.375	6.250	0.125	6.96	3.88	23.82	1781	0.23	0.74	210.1	"	"

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: DeHarlton / VRS	SAMPLER(S) SIGNATURE(S): DeHarlton	SAMPLING INITIATED AT: 1408	SAMPLING ENDED AT: 1411

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 DUP-5	

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

REMARKS:

Total Depth (ft btoc): 16.55

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: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-37S	SAMPLE ID: MW-37S	DATE: 08.05.14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 6 feet to 16 feet	STATIC DEPTH TO WATER (feet): 5.90	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)
= (19.04 feet – 5.90 feet) X 0.16 gallons/foot = 2.1024 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): 7.5	PURGING INITIATED AT: 1615	PURGING ENDED AT: 1728	TOTAL VOLUME PURGED (gallons): 8.76

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1710	6.60	6.60	0.12	6.93	6.76	24.38	971	0.14	7.34	-153.3	No	No
1713	0.36	6.96	0.12	6.93	6.77	24.49	967	0.12	1.01	-134.3	"	"
1716	0.36	7.32	0.12	6.93	6.77	23.80	969	0.13	0.87	-130.0	"	"
1719	0.36	7.68	0.12	6.93	6.77	23.96	964	0.11	1.67	-136.0	"	"
1722	0.36	8.04	0.12	6.93	6.77	24.11	964	0.12	1.47	-140.0	"	"
1725	0.36	8.40	0.12	6.93	6.78	24.18	965	0.12	0.89	-142.4	"	"
1728	0.36	8.76	0.12	6.93	6.78	24.26	967	0.11	0.57	-142.5	"	"

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: DC Hilton/URS	SAMPLER(S) SIGNATURE(S): DC Hilton	SAMPLING INITIATED AT: 1728	SAMPLING ENDED AT: 1730
PUMP OR TUBING DEPTH IN WELL (feet): 7.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:

Total Depth (ft btoc): 18.80

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-38S	SAMPLE ID: MW-38S
	DATE: 08.08.14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 9.11 feet to 19.11 feet (Note)	STATIC DEPTH TO WATER (feet): 8.20	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (19.11 feet – 8.20 feet) X 0.16 gallons/foot = 1.74456 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: 0758	PURGING ENDED AT: 0935	TOTAL VOLUME PURGED (gallons): 6.98

TIME	VOLUME 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
0911	5.54	5.54	0.06	10.07	5.89	25.50	174	4.01	7.12	19.9	No	No
0917	0.36	5.90	0.06	10.07	5.86	24.95	174	1.06	3.68	-24.0	"	"
0923	0.36	6.26	0.06	10.07	5.81	25.13	176	0.86	3.84	-14.4	"	"
0926	0.18	6.44	0.06	10.08	5.81	25.37	176	0.84	3.78	-16.8	"	"
0929	0.18	6.62	0.06	10.09	5.82	25.50	177	0.80	3.34	-17.8	"	"
0935	0.36	6.98	0.06	10.09	5.82	25.34	177	0.85	3.09	-11.0	"	"

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: D. Hilton / URS	SAMPLER(S) SIGNATURE(S): D. Hilton	SAMPLING INITIATED AT: 0936	SAMPLING ENDED AT: 0940
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS: Initial purge rate = 0.10 gpm, lowered at 0827 Total Depth (ft btoc): 19.04

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

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: 08.06.14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 6 feet to 16 feet	STATIC DEPTH TO WATER (feet): 6.01	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: **1 WELL VOLUME** = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (16 feet – 6.01 feet) X 0.16 gallons/foot = 1.5984 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8	PURGING INITIATED AT: 0950	PURGING ENDED AT: 1041	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
1035	4.5	4.5	0.10	6.46	4.49	25.44	318	0.22	0.51	219.4	NO	Slight
1038	0.3	4.8	0.10	6.46	4.49	25.44	319	0.23	0.50	217.0	"	"
1041	0.3	5.1	0.10	6.46	4.50	25.38	320	0.24	0.39	214.3	"	"

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: DHilton/URS	SAMPLER(S) SIGNATURE(S): DHilton	SAMPLING INITIATED AT: 1042	SAMPLING ENDED AT: 1044
PUMP OR TUBING DEPTH IN WELL (feet): 8	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS: Slight Chemical odor

Total Depth (ft btoc): 15.45

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-40S	SAMPLE ID: MW-40S	DATE: 8/12/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 25 feet to 35 feet	STATIC DEPTH TO WATER (feet): 8.88	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (35 feet – 8.88 feet) X 0.16 gallons/foot = 4.1792 gallons
x3 = 12.5376

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): 18	PURGING INITIATED AT: 0752	PURGING ENDED AT: 1130	TOTAL VOLUME PURGED (gallons): 21.8

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
1124	21.2	21.2	0.10	17.70	5.34	27.33	44	2.07	24.5	171.0	none	none
1127	0.3	21.5	|	|	5.34	27.29	44	2.08	25.0	170.6	|	|
1130	0.3	21.8	|	|	5.34	27.20	44	2.07	25.8	170.3	|	|

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: Trevor Campbell / WRS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1132	SAMPLING ENDED AT: 1134

PUMP OR TUBING DEPTH IN WELL (feet): 18	TUBING MATERIAL CODE: PE	FIELD-FILTERED: (Y) N Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	~200

REMARKS:

Total Depth (ft btoc): 34.52

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

ME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-415	SAMPLE ID: MW-415 DATE: 08/07/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 20 feet to 30 feet	STATIC DEPTH TO WATER (feet): 4.12	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (30 feet – 4.12 feet) X 0.16 gallons/foot = 4.14 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: 0729	PURGING ENDED AT: 0919	TOTAL VOLUME PURGED (gallons): 13.20

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
0913	12.48	12.48	0.12	4.43	3.70	24.48	1911	~~3.45~~ 0.07	1.32	384.5	clear	none
0916	0.36	12.84	↓	↓	3.72	24.50	1910	0.07	3.92	384.2	↓	↓
0919	0.36	13.20	↓	↓	3.69	24.48	1910	0.07	0.44	383.0	↓	↓

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: B. McKee / CRES	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0922	SAMPLING ENDED AT: 0926

PUMP OR TUBING DEPTH IN WELL (feet): 6	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:
3 well vol = 12.42
Total Depth (ft btoc):

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

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

WELL NO:	SAMPLE ID:	DATE:
MW-42S	MW-42S	8/5/14

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	5 feet to 15 feet	2.60	PP

WELL VOLUME PURGE: **1 WELL VOLUME** = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (15 feet – 2.60 feet) X 0.16 gallons/foot = 1.984 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
5	5	1315	1421	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
1415	6.0	6.0	1.0	4.89	5.52	24.33	3571	0.15	3.04	88.2	slight yellow	none
1418	0.3	6.3	"	"	5.52	24.34	3572	0.15	3.17	87.9	"	"
1421	0.3	6.6	"	"	5.52	24.30	3575	0.15	2.88	87.8	"	"

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:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Trevor Campbell / URS		1423	1425

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

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	~200

REMARKS:

Total Depth (ft btoc): 11.12' bTOC

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

60 215

GEORGIA
GROUNDWATER SAMPLING LOG

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: 8/8/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 5 feet to 15 feet	STATIC DEPTH TO WATER (feet): 5.47	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)
= (18.09 feet – 5.47 feet) X 0.16 gallons/foot = 2.0192 x3 = 6.0576 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8	PURGING INITIATED AT: 0810	PURGING ENDED AT: 0916	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
0910	6.0	6.0	0.10	7.58	5.77	26.04	1370	0.22	0.75	83.8	none	none
0913	0.3	6.3	|	|	5.77	26.05	1370	0.21	0.65	83.1	|	|
0916	0.3	6.6	|	|	5.77	26.06	1370	0.21	0.71	83.1	|	|

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Trevor Campbell / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0918	SAMPLING ENDED AT: 0920
PUMP OR TUBING DEPTH IN WELL (feet): 8	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	~200

REMARKS:

Total Depth (ft btoc): 17.78' btoc

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

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: 8/5/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 10 feet to 20 feet	STATIC DEPTH TO WATER (feet): 8.05	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)
= (23.09 feet – 8.05 feet) X 0.16 gallons/foot = 2.4064 gallons
x3 = 7.2192

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): 16	PURGING INITIATED AT: 1614	PURGING ENDED AT: 1752	TOTAL VOLUME PURGED (gallons): 8.32

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
1746	7.84	7.84	0.08	14.11	6.01	23.24	794	0.16	2.86	46.8	none	none
1749	0.24	8.08	"	"	6.01	23.26	795	0.16	2.80	48.6	"	"
1752	0.24	8.32	"	"	6.01	23.28	796	0.16	3.12	48.1	"	"

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Trevor Campbell / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1754	SAMPLING ENDED AT: 1756

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	~200

REMARKS:

Total Depth (ft btoc): 22.40' btoc

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

1746

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-455	SAMPLE ID: MW-455 DATE: 8/11/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 10 feet to 20 feet	STATIC DEPTH TO WATER (feet): 9.79	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (22.76 feet – 9.79 feet) X 0.16 gallons/foot = 2.06 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13	PURGING INITIATED AT: 1557	PURGING ENDED AT: 1806	TOTAL VOLUME PURGED (gallons): 6.82

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1757	6.28	6.28	0.06	11.99	6.91	26.00	8272	0.07	2.96	-152.6	Clear	Strong
1800	0.18	6.46	↓	↓	6.92	25.65	8277	↓	3.89	-157.7	↓	↓
1803	0.18	6.64			6.92	26.03	8271		3.37	-161.6		
1806	0.18	6.82			6.92	26.23	8264		3.14	-153.3		

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: B. Miller / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1808	SAMPLING ENDED AT: 1811
PUMP OR TUBING DEPTH IN WELL (feet): 13	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	227

REMARKS:
6.23

Total Depth (ft btoc): 22.76

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

ME: 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: 8/6/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 5 feet to 15 feet	STATIC DEPTH TO WATER (feet): 5.51	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) x3: 4.5552

= (15 feet – 5.51 feet) X 0.16 gallons/foot = 1.5184 gallons

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

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
7.5	7.5	1018	1110	5.2

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1104	4.6	4.6	0.10	7.40	4.05	28.02	~~0.33~~	0.33	0.98	422.3	none	none
1107	0.3	4.9	"	"	4.04	28.02	~~0.33~~	0.33	1.11	422.3	"	"
1110	0.3	5.2	"	"	4.04	27.99	~~0.33~~	0.33	1.17	420.3	"	"
							449					
							449					
							449					

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Trevor Campbell / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1112	SAMPLING ENDED AT: 1114
PUMP OR TUBING DEPTH IN WELL (feet): 7.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	~200

REMARKS:

Total Depth (ft btoc): 14.60' btoc

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

46 1104

GEORGIA
GROUNDWATER SAMPLING LOG

E: 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: 8/7/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 22 feet to 32 feet	STATIC DEPTH TO WATER (feet): 18.62	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (32 feet – 18.62 feet) X 0.16 gallons/foot = 2.1408 gallons ×3 = 6.4224

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 20	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 20	PURGING INITIATED AT: 1340	PURGING ENDED AT: 1434	TOTAL VOLUME PURGED (gallons): 7.56

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1428	6.72	6.72	0.14	18.80	5.50	22.37	52	4.58	1.73	117.5	none	none
1431	0.42	7.14	"	"	5.49	22.38	52	4.56	1.70	117.9	"	"
1434	0.42	7.56	"	"	5.49	22.39	52	4.57	1.51	117.8	"	"

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: Trevor Campbell / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1436	SAMPLING ENDED AT: 1438

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					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	~200

REMARKS:

Total Depth (ft btoc): 31.67' btoc

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

46

GEORGIA
GROUNDWATER SAMPLING LOG

E ME: 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: 8/13/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 20 feet to 30 feet	STATIC DEPTH TO WATER (feet): 13.13	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)
= (30.08 feet – 13.13 feet) X 0.16 gallons/foot = 2.71 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):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
16	15	0843	1011	8.80

TIME	VOLUME 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
1005	8.20	8.20	0.10	13.64	3.95	22.60	618	0.09	0.33	553.9	clear	Slight
1008	0.3	8.50	↓	↓	↓	22.57	618	0.08	0.63	554.4	↓	↓
1011	0.3	8.80	↓	↓	↓	22.49	620	0.10	0.59	557.7	↓	↓

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: B. McKay/URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1015	SAMPLING ENDED AT: 1017
PUMP OR TUBING DEPTH IN WELL (feet): 15	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

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

REMARKS:
3 well vols 8.14

Total Depth (ft btoc): 30.04

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

ME: 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~~ BM MW-49S	DATE: 8/6/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 24 feet to 34 feet	STATIC DEPTH TO WATER (feet): 4.48	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) y3 = 14.41

= (34.5 feet – 4.48 feet) X 0.16 gallons/foot = 4.80 gallons

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

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 28	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 31	PURGING INITIATED AT: 0736	PURGING ENDED AT: 1423	TOTAL VOLUME PURGED (gallons): 24.42

TIME	VOLUME 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
1137	14.46	14.46	0.06	25.71	4.70	27.27	33	3.38	201	253.3	Cloudy	None
1140	0.18	14.64	↓	25.81	4.73	27.31	33	3.25	202	251.1	↓	↓
1143	0.18	14.82	↓	25.96	4.79	27.32	32	3.20	195	248.6	↓	↓
1417	9.24	24.06	↓	30.56	5.20	28.79	31	3.01	360	188.3	↓	↓
1420	0.18	24.24	↓	30.57	5.11	28.85	32	3.00	343	195.0	↓	↓
1423	0.18	24.42	↓	30.58	5.12	28.89	32	3.02	333	202.2	↓	↓

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: BCM MW/ UES	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1426	SAMPLING ENDED AT: 1429

PUMP OR TUBING DEPTH IN WELL (feet): 31	TUBING MATERIAL CODE: PE	FIELD-FILTERED: (Y) N Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	221 mL/min
MW-49S(0330hrs)	"	"	"	"	—	—	"	"	"

REMARKS:
3 well Volumes = 14.41 5 well vol = 24.01 gal

Total Depth (ft btoc): 34.32

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: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

E: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: FFFW-1-R	SAMPLE ID: FFFW-1-R — DATE: 8/12/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 7.90	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)
= (14.86 feet – 7.90 feet) X 0.16 gallons/foot = 1.1136 gallons
× 3 = 3.3408

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): 9.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9.5	PURGING INITIATED AT: 1538	PURGING ENDED AT: 1618	TOTAL VOLUME PURGED (gallons): 4.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1612	3.4	3.4	0.10	8.44	6.01	30.31	270	2.19	8.37	31.0	none	none
1615	0.3	3.7	"	"	6.01	30.30	272	2.19	7.11	31.0	"	"
1618	0.3	4.0	"	"	6.01	30.28	274	2.19	7.07	31.0	"	"

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: Trevor Campbell / WRS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1620	SAMPLING ENDED AT: 1622

PUMP OR TUBING DEPTH IN WELL (feet): 9.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	~200

REMARKS:

Total Depth (ft btoc): 15.90' from

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

3.4 1612

GEORGIA
GROUNDWATER SAMPLING LOG

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: 8/12/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 17 feet to 27 feet	STATIC DEPTH TO WATER (feet): 17.80	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)
= (29.78 feet – 17.80 feet) X 0.16 gallons/foot = 1.92 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): 19	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 19	PURGING INITIATED AT: 1557	PURGING ENDED AT: 1716	TOTAL VOLUME PURGED (gallons): 6.104

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1710	5.84	5.84	0.08	17.82	4.09	25.34	2655	0.27	1.61	268.6	clear	none
1713	0.24	6.08	↓	↓	4.07	25.40	2687	0.22	0.77	277.3	↓	↓
1716	0.24	6.10	↓	↓	4.06	25.45	2719	0.21	1.03	288.6	↓	↓

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 / MES	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1719	SAMPLING ENDED AT: 1721
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					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	300

REMARKS:
Bwell vol = 5.75

Total Depth (ft btoc): 29.52

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: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

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

WELL NO:	SAMPLE ID:	DATE:
FFFW-2I	FFFW-2-I	8/12/14

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	45 feet to 60 feet	18.29	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 + (0.006 gallons/foot X 60 feet) + 0.15 gallons = 0.51 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
47	47	~~1527~~ 1627	1655	1.88

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1640	1.04	1.04	0.08	18.53	5.18	24.56	315	2.02	6.16	133.1	Clear	none
1645	0.4	1.44	↓	↓	5.11	23.91	333	1.53	6.28	145.0	↓	↓
1650	0.4	1.84			5.12	24.16	342	1.37	7.80	147.8		
1655	0.4	1.88	↓	↓	5.14	24.02	349	1.35	5.15	148.6	↓	↓

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:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
B. McKee / URS		1637	1700

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

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

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

REMARKS:

Total Depth (ft btoc): 52.87

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: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

GEORGIA
GROUNDWATER SAMPLING LOG

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: 8/8/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 7.17	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: **1 WELL VOLUME** = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (17 feet – 7.17 feet) X 0.16 gallons/foot 1.5728 gallons
×3= 4.7184

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10	PURGING INITIATED AT: 0949 — PURGING ENDED AT: 1035	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
1029	4.8	4.8	0.12	9.41	5.50	25.30	2174	1.66	1.15	112.8	none	none
1032	0.36	5.16	/	/	5.51	25.32	2174	1.64	1.08	111.7	/	/
1035	0.36	5.52	/	/	5.52	25.34	2174	1.64	0.99	111.9	/	/

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Trevor Campbell / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1037	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet): 10	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	≈200

REMARKS:

Total Depth (ft btoc): TC 16.01 bgs

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

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

WELL NO:	SAMPLE ID:	DATE:
FFFW-4-R	FFFW-4-R	9/11/14

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	4 feet to 14 feet	10.00	PP

WELL VOLUME PURGE: **1 WELL VOLUME** = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (16.81 feet – 10.00 feet) X 0.16 gallons/foot = 1.0896 gallons
x3 = 3.2688

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
11.5	16	1612	1757	6.3

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
1742	5.4	5.4	0.06	15.88	5.55	22.32	2660	0.24	47.0	110.0	none	none
1747	0.3	5.7	/	/	5.46	22.33	2670	0.28	52.7	95.1	/	/
1752	0.3	6.0	/	/	5.40	22.40	2678	0.32	53.0	99.1	/	/
1757	0.3	6.3	/	/	5.38	22.38	2682	0.37	49.8	101.1	/	/

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:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Trevor Campbell / TWPS		1759	1801

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

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	~200

REMARKS: Purged 5 well volumes due to high turbidity (5.448 gallons)
Total Depth (ft btoc): 17.70' btoc

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

1742

GEORGIA
GROUNDWATER SAMPLING LOG

NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-TP1S	SAMPLE ID: MW-TP1S
	DATE: 8/13/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 10 feet to 20 feet	STATIC DEPTH TO WATER (feet): 12.20	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)
= (20 feet – 12.20 feet) X 0.16 gallons/foot = 1.248 gallons
3: 3.744

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: 0836	PURGING ENDED AT: 0929	TOTAL VOLUME PURGED (gallons): 4.24

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
0923	3.76	3.76	0.08	13.30	4.54	24.33	245	2.33	1.29	244.7	none	none
0926	0.24	4.00	"	"	4.56	24.28	245	2.48	1.11	240.0	"	"
0929	0.24	4.24	"	"	4.59	24.26	245	2.42	0.98	241.1	"	"

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Trevor Campbell / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0931	SAMPLING ENDED AT: 0933
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	-----	-----	Well Specific Metals 6020A	APP	~200

REMARKS:

Total Depth (ft btoc): 19.99

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

47 0923

GEORGIA
GROUNDWATER SAMPLING LOG

NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-TP1I	SAMPLE ID: MW-TP1I — DATE: 8/13/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 43 feet to 48 feet	STATIC DEPTH TO WATER (feet): 11.70	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)
= (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): 45.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 45.5	PURGING INITIATED AT: 0802	PURGING ENDED AT: 0819	TOTAL VOLUME PURGED (gallons): 1.36

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
0809	0.56	0.56	0.08	12.20	6.26	21.20	51	5.83	3.89	151.8	none	none
0814	0.40	0.96	"	"	6.25	21.18	51	5.80	1.97	153.4	"	"
0819	0.40	1.36	"	"	6.20	21.15	51	5.79	1.52	153.1	"	"

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Trevor Campbell / MRS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0821	SAMPLING ENDED AT: 0823

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	~200

REMARKS:

Total Depth (ft btoc) 48.12' bmc

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA
GROUNDWATER SAMPLING LOG

E ME: 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: 8/7/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 10 feet to 20 feet	STATIC DEPTH TO WATER (feet): 7.40	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) x3 = 6.048

= (20 feet – 7.40 feet) X 0.16 gallons/foot = 2.016 gallons

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

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12	PURGING INITIATED AT: 0838	PURGING ENDED AT: 0933	TOTAL VOLUME PURGED (gallons): 7.70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
0924	6.44	6.44	0.14	11.37	5.31	28.38	334	0.35	8.08	95.4	none	none
0927	0.42	6.86			5.35	28.48	334	0.38	7.91	96.1		
0930	0.42	7.28			5.38	28.60	334	0.41	7.92	96.8		
0933	0.42	7.70			5.37	28.66	334	0.42	7.44	96.7		

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: Trevor Campbell / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0935	SAMPLING ENDED AT: 0937
PUMP OR TUBING DEPTH IN WELL (feet): 12	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	~200

REMARKS:

Total Depth (ft btoc): 19.82'

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

44 922

GEORGIA
GROUNDWATER SAMPLING LOG

ME: 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: 8/6/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 10 feet to 20 feet	STATIC DEPTH TO WATER (feet): 7.16	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 feet – 7.16 feet) X 0.16 gallons/foot = 2.0544 gallons
V3 = 6.1632

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10.5	PURGING INITIATED AT: ~~1628~~ 1628	PURGING ENDED AT: 1719	TOTAL VOLUME PURGED (gallons): 7.14

TIME	VOLUME 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
1713	6.3	6.3	0.14	9.96	4.86	21.11	182	0.74	1.11	164.5	none	none
1716	0.42	6.72	"	9.96	4.86	21.09	182	0.72	1.42	165.8	"	"
1719	0.42	7.14	"	9.96	4.86	21.00	182	0.71	0.99	170.9	"	"

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Trevor Campbell / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1721	SAMPLING ENDED AT: 1723

PUMP OR TUBING DEPTH IN WELL (feet): 10.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm

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

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

REMARKS:

Total Depth (ft btoc): 19.62' btoc

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

45

1713

GEORGIA
GROUNDWATER SAMPLING LOG

E ME: 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: 8/8/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 15 feet to 25 feet	STATIC DEPTH TO WATER (feet): 15.02	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (25 feet – 15.02 feet) X 0.16 gallons/foot = 1.5968 gallons x3 = 4.7904

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 17	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17	PURGING INITIATED AT: 1116	PURGING ENDED AT: 1200	TOTAL VOLUME PURGED (gallons): 5.28

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
1154	4.56	4.56	0.38	15.26	4.76	22.18	116	3.32	2.21	251.5	none	none
1157	0.36	4.92	"	"	4.75	22.13	115	3.34	2.02	251.1	"	"
1200	0.36	5.28	"	"	4.75	22.15	116	3.29	1.90	250.1	"	"

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Trevor Campbell / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1202	SAMPLING ENDED AT: 1204
PUMP OR TUBING DEPTH IN WELL (feet): 17	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: 1.0 µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	~200

REMARKS:

Total Depth (ft btoc): 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: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

40 115

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-TPS8	SAMPLE ID: MW-TPS8
DATE: 8/11/14	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 15 feet to 25 feet	STATIC DEPTH TO WATER (feet): 13.25	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)

= (25 feet – 13.25 feet) X 0.16 gallons/foot = 1.88 gallons

A3= 5.64

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

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 15	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17	PURGING INITIATED AT: 0944	PURGING ENDED AT: 1053	TOTAL VOLUME PURGED (gallons): 6.21

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1047	5.67	5.67	0.09	16.41	3.23	24.18	20611	0.37	0.43	382.1	none	none
1050	~~0.27~~ 0.27	5.94	"	"	3.23	24.20	20616	0.39	0.71	380.1	"	"
1053	0.27	6.21	"	"	3.23	24.24	20608	0.40	0.51	379.2	"	"

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Trevor Campbell / URS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1055	SAMPLING ENDED AT: 1057

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	~200

REMARKS:

Total Depth (ft btoc): 24.90' TOC

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

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

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

63 1047

GEORGIA
GROUNDWATER SAMPLING LOG

NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-TPSI	SAMPLE ID: MW-TPS I — DATE: 8/11/14

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	45 feet to 50 feet	15.60	PP

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

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
47.5	47.5	0951	1023	3.2

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
1013	2.2	2.2	0.10	18.40	5.95	24.46	54	1.74	26.6	149.5	none	none
1018	0.5	2.7	"	"	5.95	24.50	54	1.75	27.9	149.1	"	"
1023	0.5	3.2	"	"	5.95	24.52	54	1.76	30.2	150.4	"	"

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:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Trevor Campbell / TURS		1025	1027

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

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	250 mL	HNO_3	-----	-----	Well Specific Metals 6020A	APP	~200

REMARKS:

Total Depth (ft btoc): 52.61

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: ± 0.2 mg/L or ± 10%saturation (whichever is greater)
Turbidity: all readings ≤ 10 NTU

CALIBRATION LOG

DATE: 8/5/14 SITE NAME & LOCATION: PC[illegible]FF Moultire, Georgia JOB #: 12806651

SI 556 MPS s/n: 13610 Turbidity M[illegible]: HACH 2100Q s/n: 11090C012565

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO (mg/L)	TEMP (°C)	DO%	SATURATION (mg/L) (from chart)	PASS/FAIL +/- 0.3 mg/L	INITIALS
CAL	8-5-14	0747	0.998546	8.21	25.19	99.8	8.233	pass	TC
ICV	8-5-14	0756		8.21	25.16	99.7	8.240	pass	TC
CCV	8-6-14	0710		8.32	24.86	99.2	8.290	pass	TC

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD (µS/cm)	LOT#	EXP. DATE	SP COND READING (µS/cm)	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL	8-5-14	0740	**1409**	168-28	6-15	1409	0.987221			TC
ICV	8-5-14	0754	1409	"	"	1410			pass	TC
CCV	8-6-14	0655	"	"	"	1412			pass	TC

Conductivity gain range = 0.9 to 1.10; Cell constant = conductivity gain x 5

pH

	DATE	TIME	STANDARD (SU)	LOT#	EXP. DATE	UNCAL (mV)	pH READING (SU)	CAL (mV)	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL	8/5/14	0728	**7.00**	C238-22	8-27-15	52.3	7.02	51.1	-		TC
CAL	8-5-14	0730	**4.00**	C241-20	9-3-15	141.2	4.00	141.2	-		TC
CAL	8-5-14	0732	**10.00**	2052314	5-30-15	-171.1	9.99	-170.1	-		TC
ICV	8-5-14	0750	**7.00**	C238-22	8-27-15		7.01			pass	TC
CCV	8-6-14	0651	7.00	C238-22	8-27-15		7.03			pass	TC

pH slope is the difference between uncal mV and cal mV (uncal mV is just the mV reading before you press the cal button)
pH mV range: 7 SU = 0mV +/- 50mV 4 SU = 165 to 180 + 7 SU mV reading 10 SU = -165 to -180 + 7 SU reading

ORP

	DATE	TIME	TEMP (°C)	STANDARD (mV)	LOT#	EXP. DATE	ORP READING (mV)	ORP (mV) OFFSET (glp file)	PASS/FAIL +/- 10 mV	INITIALS
CAL	8-5-14	0744	26.99	[illegible]	13D100147	4-15	226.8	[illegible] 0.952117		TC
ICV	8-5-14	0752	25.13	[illegible] 231@25C	"	"	229.2		pass	TC
CCV	8-6-14	0659	26.01	"	"	"	233.1		pass	TC

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD (NTU)	LOT#	EXP. DATE	TURBIDITY READING (NTU)	PASS/FAIL +/- 10%	INITIALS
CAL	8-5-14	0740	800/100/20	A3353 A3363 A4 10058	12-15	823-101-19.7		TC
ICV	8-5-14	0745	10	A3393	12-14	9.97	pass	TC
CCV	8-6-14	0658	11	"	"	10.2	pass	TC

CALIBRATION LOG

DATE: 8/6/14 SITE NAME & LOCATION: PC[illegible]FF Moultrie, Georgia JOB #: 12806651

YSI 556 MPS s/n: 13610 Turbidity Me[illegible]: HACH 2100Q s/n: 11090C012562

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO (mg/L)	TEMP (°C)	DO%	SATURATION (mg/L) (from chart)	PASS/FAIL +/- 0.3 mg/L	INITIALS
CAL									
ICV									
CCV	8-6-14	1914		8.51	24.12	99.1	8.400	Pass	JC

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD (µS/cm)	LOT#	EXP. DATE	SP COND READING (µS/cm)	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL			**1409**							
ICV										
CCV	8-6-14	1906	1409	C168-28	6-15	1402			pass	JC

Conductivity gain range = 0.9 to 1.10; Cell constant = conductivity gain x 5

pH

	DATE	TIME	STANDARD (SU)	LOT#	EXP. DATE	UNCAL (mV)	pH READING (SU)	CAL (mV)	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL			**7.00**								
CAL			**4.00**								
CAL			**10.00**								
ICV			**7.00**								
CCV	8.6.14	1901	4.00	C241-20	9-3-15		4.07			pass	JC

pH slope is the difference between uncal mV and cal mV (uncal mV is just the mV reading before you press the cal button)
pH mV range: 7 SU = 0mV +/- 50mV 4 SU = 165 to 180 + 7 SU mV reading 10 SU = -165 to -180 + 7 SU reading

ORP

	DATE	TIME	TEMP (°C)	STANDARD (mV)	LOT#	EXP. DATE	ORP READING (mV)	ORP (mV) OFFSET (glp file)	PASS/FAIL +/- 10 mV	INITIALS
CAL										
ICV										
CCV	8.6.14	1910	24.02	231@25°C	13D100147	4-15	235.7		pass	JC

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD (NTU)	LOT#	EXP. DATE	TURBIDITY READING (NTU)	PASS/FAIL +/- 10%	INITIALS
CAL								
ICV								
CCV	8.6.14	1904	10	M3397	12-14	10.1	PASS	JC

CALIBRATION LOG

DATE: 8-8-14 SITE NAME & LOCATION: PC[illegible]FF Moultire, Georgia JOB #: 6615

YSI 556 MPS s/n: 13616 Turbidity M[illegible]: HACH 2100Q s/n: 11090C12562

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO (mg/L)	TEMP (°C)	DO%	SATURATION (mg/L) (from chart)	PASS/FAIL +/- 0.3 mg/L	INITIALS
CAL									
ICV									
CCV	8.8.14	0736		8.32	23.72	98.7	8.466	pass	JR

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD (µS/cm)	LOT#	EXP. DATE	SP COND READING (µS/cm)	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL			**1409**							
ICV										
CCV	8.8.14	0726	1409	C168-28	6-15	1400			pass	JR

Conductivity gain range = 0.9 to 1.10; Cell constant = conductivity gain x 5

pH

	DATE	TIME	STANDARD (SU)	LOT#	EXP. DATE	UNCAL (mV)	pH READING (SU)	CAL (mV)	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL			**7.00**								
CAL			**4.00**								
CAL			**10.00**								
ICV			**7.00**								
CCV	8.8.14	0723	7.00	C238-72	8.27.15		7.08			pass	JC

pH slope is the difference between uncal mV and cal mV (uncal mV is just the mV reading before you press the cal button)
pH mV range: 7 SU = 0mV +/- 50mV 4 SU = 165 to 180 + 7 SU mV reading 10 SU = -165 to -180 + 7 SU reading

ORP

	DATE	TIME	TEMP (°C)	STANDARD (mV)	LOT#	EXP. DATE	ORP READING (mV)	ORP (mV) OFFSET (glp file)	PASS/FAIL +/- 10 mV	INITIALS
CAL										
ICV										
CCV	8.8.14	0730	24.01	231 @ 25°C	130100147	4-15	227.1		pass	JC

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD (NTU)	LOT#	EXP. DATE	TURBIDITY READING (NTU)	PASS/FAIL +/- 10%	INITIALS
CAL								
ICV								
CCV	8.8.14	0722	10.0	A3393	12.14	10.2	pass	JC

CALIBRATION LOG

DATE: 8/11/14 SITE NAME & LOCATION: PC[illegible]FF Moultire, Georgia JOB #: 12806615

SI 556 MPS s/n: 13610 Turbidity M[illegible]: HACH 2100Q s/n: 11090C12562

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO (mg/L)	TEMP (°C)	DO%	SATURATION (mg/L) (from chart)	PASS/FAIL +/- 0.3 mg/L	INITIALS
CAL	8-11-14	0852	0.998846	8.04	26.32	100.0	8.070	pass	TC
ICV	8-11-14	0900		8.01	26.82	101.1	7.997	pass	TC
CCV	8-12-14	0730		8.10	24.90	98.2	8.279	pass	TC

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD (µS/cm)	LOT#	EXP. DATE	SP COND READING (µS/cm)	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL	8-11-14	0846	**1409**	[illegible] 10984	5-5-15	1409	0.982197			TC
ICV	8-11-14	0855	1409	"	"	1409			pass	TC
CCV	8-12-14	0724	"	"	"	1412			pass	TC

Conductivity gain range = 0.9 to 1.10; Cell constant = conductivity gain x 5

pH

	DATE	TIME	STANDARD (SU)	LOT#	EXP. DATE	UNCAL (mV)	pH READING (SU)	CAL (mV)	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL	8-11-14	0840	**7.00**	2405440	4-16	56.7	7.01	56.7	—		TC
CAL	8-11-14	0842	**4.00**	2405968	5/31/16	168.3	4.00	168.4	—		TC
CAL	8-11-14	0844	**10.00**	2404751	[illegible]70-16	-185.1	9.99	-185.1	—		TC
ICV	8-11-14	0854	**7.00**	2405440	4-16		7.01			pass	TC
CCV	8-12-14	0720	"	"	"		7.01			pass	TC

pH slope is the difference between uncal mV and cal mV (uncal mV is just the mV reading before you press the cal button)
pH mV range: 7 SU = 0mV +/- 50mV 4 SU = 165 to 180 + 7 SU mV reading 10 SU = -165 to -180 + 7 SU reading

ORP

	DATE	TIME	TEMP (°C) 25.94°	STANDARD (mV)	LOT#	EXP. DATE	ORP READING (mV)	ORP (mV) OFFSET (glp file)	PASS/FAIL +/- 10 mV	INITIALS
CAL	8-11-14	0850	[illegible]	240@25°C	7168	12-31-2018	241.2	17.80522		TC
ICV	8-11-14	0857	26.13	"	"	"	238.8		pass	TC
CCV	8-12-14	0726	24.21	"	"	"	230.0		pass	TC

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD (NTU)	LOT#	EXP. DATE	TURBIDITY READING (NTU)	PASS/FAIL +/- 10%	INITIALS
CAL	8-11-14	0850	10	A3393	12-14	10.1		TC
ICV	8-11-14	0901	10	"	"	10.1	pass	TC
CCV	8-12-14	0725	"	"	"	9.98	pass	TC

CALIBRATION LOG

DATE: 8/13/14 SITE NAME & LOCATION: PC[illegible]FF Moultire, Georgia JOB #: 12800651

YSI 556 MPS s/n: 13610 Turbidity M[illegible]: HACH 2100 Q s/n: 11090C12562

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO (mg/L)	TEMP (°C)	DO%	SATURATION (mg/L) (from chart)	PASS/FAIL +/- 0.3 mg/L	INITIALS
CAL									
ICV									
CCV	8-13-14	0742		8.410	22.78	98.2	8.620	pass	TC

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD (µS/cm)	LOT#	EXP. DATE	SP COND READING (µS/cm)	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL			**1409**							
ICV										
CCV	8-13-14	0733	1409	10984	5-5-15	1417			pass	TC

Conductivity gain range = 0.9 to 1.10; Cell constant = conductivity gain x 5

pH

	DATE	TIME	STANDARD (SU)	LOT#	EXP. DATE	UNCAL (mV)	pH READING (SU)	CAL (mV)	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL			**7.00**								
CAL			**4.00**								
CAL			**10.00**								
ICV			**7.00**								
CCV	8-13-14	0730	7.00	2405440	4-16		7.03			pass	TC

pH slope is the difference between uncal mV and cal mV (uncal mV is just the mV reading before you press the cal button)
pH mV range: 7 SU = 0mV +/- 50mV 4 SU = 165 to 180 + 7 SU mV reading 10 SU = -165 to -180 + 7 SU reading

ORP

	DATE	TIME	TEMP (°C)	STANDARD (mV)	LOT#	EXP. DATE	ORP READING (mV)	ORP (mV) OFFSET (glp file)	PASS/FAIL +/- 10 mV	INITIALS
CAL										
ICV										
CCV	8-13-14	0736	23.24	240 @ 25°C	7168	12-31-18	228.0		pass	TC

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD (NTU)	LOT#	EXP. DATE	TURBIDITY READING (NTU)	PASS/FAIL +/- 10%	INITIALS
CAL								
ICV								
CCV	8-13-14	0737	10.0	A3393	12-14	10.1	pass	TC

CALIBRATION LOG

DATE: 8-13-14 SITE NAME & LOCATION: PC[illegible]FF Moultire, Georgia JOB #: 12806651

SI 556 MPS s/n: 13610 Turbidity Me[illegible]: HACH 2100Q s/n: 11090C012562

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO (mg/L)	TEMP (°C)	DO%	SATURATION (mg/L) (from chart)	PASS/FAIL +/- 0.3 mg/L	INITIALS
CAL									
ICV									
CCV	8-13-14	1020		8.12	26.98	102.1	7.968	pass	TC

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD (µS/cm)	LOT#	EXP. DATE	SP COND READING (µS/cm)	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL			**1409**							
ICV										
CCV	8-13-14	[illegible] 1012	1409	10984	5-15	1416			pass	TC

Conductivity gain range = 0.9 to 1.10; Cell constant = conductivity gain x 5

pH

	DATE	TIME	STANDARD (SU)	LOT#	EXP. DATE	UNCAL (mV)	pH READING (SU)	CAL (mV)	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL			**7.00**								
CAL			**4.00**								
CAL			**10.00**								
ICV			**7.00**								
CCV	8-13-14	1009	7.00	2405540	4-16		6.97			pass	TC

pH slope is the difference between uncal mV and cal mV (uncal mV is just the mV reading before you press the cal button)
pH mV range: 7 SU = 0mV +/- 50mV 4 SU = 165 to 180 + 7 SU mV reading 10 SU = -165 to -180 + 7 SU reading

ORP

	DATE	TIME	TEMP (°C)	STANDARD (mV)	LOT#	EXP. DATE	ORP READING (mV)	ORP (mV) OFFSET (glp file)	PASS/FAIL +/- 10 mV	INITIALS
CAL										
ICV										
CCV	8-13-14	1016	26.72	240 @ 25°C	7168	12-31-18	236.2		pass	TC

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD (NTU)	LOT#	EXP. DATE	TURBIDITY READING (NTU)	PASS/FAIL +/- 10%	INITIALS
CAL								
ICV								
CCV	8-13-14	1015	10.0	A3813	12-14	10.0	pass	TC

CALIBRATION LOG

DATE: 08.05.14 SITE NAME & LOCATION: P[illegible]FF Moultire, Georgia JOB #:

YSI 556 MPS s/n: 11E101022 Turbidity Meter: Hach 2100Q s/n: 13050C025380

Pine leased

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO (mg/L)	TEMP (°C)	DO%	SATURATION (mg/L) (from chart)	PASS/FAIL +/- 0.3 mg/L	INITIALS
CAL									
ICV	08.05.14	0818		8.15	25.7	100.0	8.18	pass	dh
CCV	08.05.14	1847		6.29	31.6	85.4	7.30	fail	dh

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD (µS/cm)	LOT#	EXP. DATE	SP COND READING (µS/cm)	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL			**1409**							
ICV	08.05.14	0753	1413	10984	05.05.15	1439			pass	dh
CCV	08.05.14	1817	1413	10984	05.05.15	1440			pass	dh

Conductivity gain range = 0.9 to 1.10; Cell constant = conductivity gain x 5

pH

	DATE	TIME	STANDARD (SU)	LOT#	EXP. DATE	UNCAL (mV)	pH READING (SU)	CAL (mV)	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL			**7.00**								
~~CAL~~ICV	08.05.14	0743	**4.00**	2402961	053116	—	3.99	—	—	pass	dh
~~CAL~~ICV	08.05.14	0748	**10.00**	2404751	100115	—	9.98	—	—	pass	dh
ICV	080514	0737	**7.00**	2405440	040116		7.03			pass	dh
CCV	080514	1812	7.00	2405440	040116		7.06			pass	dh

pH slope is the difference between uncal mV and cal mV (uncal mV is just the mV reading before you press the cal button)
pH mV range: 7 SU = 0mV +/- 50mV 4 SU = 165 to 180 + 7 SU mV reading 10 SU = -165 to -180 + 7 SU reading

ORP

	DATE	TIME	TEMP (°C)	STANDARD (mV)	LOT#	EXP. DATE	ORP READING (mV)	ORP (mV) OFFSET (glp file)	PASS/FAIL +/- 10 mV	INITIALS
CAL										
ICV	080514	1852	31.4	223.2	7168	123118	228.4		pass	dh
CCV	080514	0822	26.0	229.7	7168	123118	228.8		pass	dh

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD (NTU)	LOT#	EXP. DATE	TURBIDITY READING (NTU)	PASS/FAIL +/- 10%	INITIALS
CAL								
ICV	08.05.14	0753	10.0	A085	060115	10.5	pass	dh
CCV	080514	~~0753~~ 1856	10.0	A085	060115	10.4	pass	dh

dh

CALIBR^TION LOG

DATE: 08.05-08.06 SITE NAME & LOCATION: P[illegible]FF Moultrie, Georgia JOB #:

YSI 556 MPS s/n: 11E101022 Turbidity Meter: Hach 2100Q s/n: 13050C025380

Pine leased

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO (mg/L)	TEMP (°C)	DO%	SATURATION (mg/L) (from chart)	PASS/FAIL +/- 0.3 mg/L	INITIALS
CAL	08.05.14	1848	0.993848	7.37	1031.4	100.0	7.30	pass	dh
ICV	08.05.14	1901		7.26	32.1	99.6	7.30	pass	dh
CCV	08.06.14	1839		7.38	29.7	97.2	7.59	pass	dh

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD (µS/cm)	LOT#	EXP. DATE	SP COND READING (µS/cm)	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL			**1409**							
ICV										
CCV	08.06.14	1835	1413	10984	050515	1436			pass	dh

Conductivity gain range = 0.9 to 1.10; Cell constant = conductivity gain x 5

pH

	DATE	TIME	STANDARD (SU)	LOT#	EXP. DATE	UNCAL (mV)	pH READING (SU)	CAL (mV)	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL			**7.00**								
CAL			**4.00**								
CAL			**10.00**								
ICV			**7.00**								
CCV	08.06.14	1820	7.00	2405440	040116		7.02			pass	dh

pH slope is the difference between uncal mV and cal mV (uncal mV is just the mV reading before you press the cal button)
pH mV range: 7 SU = 0mV +/- 50mV 4 SU = 165 to 180 + 7 SU mV reading 10 SU = -165 to -180 + 7 SU reading

ORP

	DATE	TIME	TEMP (°C)	STANDARD (mV)	LOT#	EXP. DATE	ORP READING (mV)	ORP (mV) OFFSET (glp file)	PASS/FAIL +/- 10 mV	INITIALS
CAL										
ICV										
CCV	08.06.14	1900	31*	223.2	7168	123118	229.0		pass	dh

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD (NTU)	LOT#	EXP. DATE	TURBIDITY READING (NTU)	PASS/FAIL +/- 10%	INITIALS
CAL								
ICV								
CCV	08.06.14	1905	10.0	A085	06.01.15	10.5	pass	dh

CALIBRATION LOG

DATE: 08.07.14 SITE NAME & LOCATION: P[illegible]FF Moultire, Georgia JOB #:

YSI 556 MPS s/n: 11 E 101022 Turbidity Meter: Hach 2100 Q s/n: 13050C025380

Pine leased

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO (mg/L)	TEMP (°C)	DO%	SATURATION (mg/L) (from chart)	PASS/FAIL +/- 0.3 mg/L	INITIALS
CAL									
ICV									
CCV	08.07.14	1717		7.39	32.08	101.2	7.2	pass	dh

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD (µS/cm)	LOT#	EXP. DATE	SP COND READING (µS/cm)	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL			**1409**							
ICV										
CCV	08.07.14	1707	1413	10984	05.05.15	1432			pass	dh

Conductivity gain range = 0.9 to 1.10; Cell constant = conductivity gain x 5

pH

	DATE	TIME	STANDARD (SU)	LOT#	EXP. DATE	UNCAL (mV)	pH READING (SU)	CAL (mV)	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL			**7.00**								
CAL			**4.00**								
CAL			**10.00**								
ICV			**7.00**								
CCV	08.07.14	1648	7.00	2405440	040116		7.00			pass	dh

pH slope is the difference between uncal mV and cal mV (uncal mV is just the mV reading before you press the cal button)
pH mV range: 7 SU = 0mV +/- 50mV 4 SU = 165 to 180 + 7 SU mV reading 10 SU = -165 to -180 + 7 SU reading

ORP

	DATE	TIME	TEMP (°C)	STANDARD (mV)	LOT#	EXP. DATE	ORP READING (mV)	ORP (mV) OFFSET (glp file)	PASS/FAIL +/- 10 mV	INITIALS
CAL										
ICV										
CCV	08.07.14	1731	30.6	223.2	7168	12.31.18	222.4		pass	dh

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD (NTU)	LOT#	EXP. DATE	TURBIDITY READING (NTU)	PASS/FAIL +/- 10%	INITIALS
CAL								
ICV								
CCV	08.07.14	1732	10.0	A 085	06.01.15	10.1	pass	dh

CALIBRATION LOG

DATE: 08.08.14 SITE NAME & LOCATION: P[illegible]FF Moultire, Georgia JOB #:

YSI 556 MPS s/n: 11E10101022 Turbidity Meter: Hach2100Q s/n: 13050C025380

Pine leased

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO (mg/L)	TEMP (°C)	DO%	SATURATION (mg/L) (from chart)	PASS/FAIL +/- 0.3 mg/L	INITIALS
CAL									
ICV									
CCV	08.08.14	1225		7.76	30.17	103.0	7.54	pass	dh

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD (µS/cm)	LOT#	EXP. DATE	SP COND READING (µS/cm)	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL			**1409**							
ICV										
CCV	08.08.14	1221	1413	10984	050515	1459			pass	dh

Conductivity gain range = 0.9 to 1.10; Cell constant = conductivity gain x 5

pH

	DATE	TIME	STANDARD (SU)	LOT#	EXP. DATE	UNCAL (mV)	pH READING (SU)	CAL (mV)	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL			**7.00**								
CAL			**4.00**								
CAL			**10.00**								
ICV			**7.00**								
CCV	08.08.14	1214	7.00	2605440	040116		7.00			pass	dh

pH slope is the difference between uncal mV and cal mV (uncal mV is just the mV reading before you press the cal button)
pH mV range: 7 SU = 0mV +/- 50mV 4 SU = 165 to 180 + 7 SU mV reading 10 SU = -165 to -180 + 7 SU reading

ORP

	DATE	TIME	TEMP (°C)	STANDARD (mV)	LOT#	EXP. DATE	ORP READING (mV)	ORP (mV) OFFSET (glp file)	PASS/FAIL +/- 10 mV	INITIALS
CAL										
ICV										
CCV	08.08.14	1228	29.1	225.8	7168	123118	221.9		pass	dh

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD (NTU)	LOT#	EXP. DATE	TURBIDITY READING (NTU)	PASS/FAIL +/- 10%	INITIALS
CAL								
ICV								
CCV	08.08.14	1230	10.0	A085	06.01.15	10.2	pass	dh

CALIBRATION LOG

DATE: 08/05/14 SITE NAME & LOCATION: P[illegible]FF Moultire, Georgia JOB #: 12806651.00000

YSI 556 MPS s/n: 12F102264 Turbidity Meter: HACH 2100Q s/n: 12110C021434

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO (mg/L)	TEMP (°C)	DO%	SATURATION (mg/L) (from chart)	PASS/FAIL +/- 0.3 mg/L	INITIALS
CAL	8/5/14	0818	0.998292	8.29	24.82	100.0	8.294	Pass	BM
ICV	8/5/14	0814		8.22	25.03	99.4	8.263	Pass	BM
CCV	8/5/14	1854		7.45	30.70	99.6	7.468	Pass	BM

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD (µS/cm)	LOT#	EXP. DATE	SP COND READING (µS/cm)	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL	08/05/14	0758	~~1409~~ 1413	10984	5/5/15	1413	0.993790	4.96895		
ICV	08/05/14	0800	1413	10984	5/5/15	1415			Pass	BM
CCV	08/05/14	1858	1413	10984	5/5/15	1407			Pass	BM

Conductivity gain range = 0.9 to 1.10; Cell constant = conductivity gain x 5

pH

	DATE	TIME	STANDARD (SU)	LOT#	EXP. DATE	UNCAL (mV)	pH READING (SU)	CAL (mV)	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL	08/05/14	739	**7.00**	2405440	Apr 16	~~4.00~~ -22.7	7.00	-21.6	-1.1		
CAL	08/05/14	0748	**4.00**	2402961	Feb 16	151.3	4.00	151.3	0		
CAL	08/05/14	0751	**10.00**	36612113	6/30/15	-193.1	10.00	-194.5	0.6		
ICV	08/05/14	0754	**7.00**	2405440	Apr 16		7.01			Pass	BM
CCV	08/05/14	1900	7.00	2405440	Apr 16		6.99			Pass	BM

pH slope is the difference between uncal mV and cal mV (uncal mV is just the mV reading before you press the cal button)
pH mV range: 7 SU = 0mV +/- 50mV 4 SU = 165 to 180 + 7 SU mV reading 10 SU = -165 to -180 + 7 SU reading

ORP

	DATE	TIME	TEMP (°C)	STANDARD (mV)	LOT#	EXP. DATE	ORP READING (mV)	ORP (mV) OFFSET (glp file)	PASS/FAIL +/- 10 mV	INITIALS
CAL	08/05/14	0803	26.48	228.4	6758	09/18	228.4	17,38678		
ICV	08/05/14	0809	26.12	229.7	6758	09/18	229		Pass	BM
CCV	08/05/14	1902	34.82	218	6758	09/18	220.4		Pass	BM

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD (NTU)	LOT#	EXP. DATE	TURBIDITY READING (NTU)	PASS/FAIL +/- 10%	INITIALS
CAL	08/05/14	0817	20	A4091	Jul-15	19.4		BM
ICV	08/05/14	0824	~~20~~ 10	A4104	Jul-15	10.8	Pass	BM
CCV	08/05/14	1850	10	A4104	Jul-15	10.2	Pass	BM

CALIBRATION LOG

DATE: 08/06/14 SITE NAME & LOCATION: P[illegible]FFF Moultrie, Georgia JOB #: 12806651.00000

YSI 556 MPS s/n: 12FL02264 Turbidity Meter: HACH 2100Q s/n: 12110C021434

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO (mg/L)	TEMP (°C)	DO%	SATURATION (mg/L) (from chart)	PASS/FAIL +/- 0.3 mg/L	INITIALS
CAL				7.77	28.30	99.4	~~7.80~~ 7.786		
ICV									
CCV	08/6/14	1907		7.71	28.30	99.4	7.786	Pass	BM

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD (µS/cm)	LOT#	EXP. DATE	SP COND READING (µS/cm)	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL			~~1409~~							
ICV										
CCV	08/6/14	1915	1413	109844	5/5/15	1464			Pass	BM

Conductivity gain range = 0.9 to 1.10; Cell constant = conductivity gain x 5

pH

	DATE	TIME	STANDARD (SU)	LOT#	EXP. DATE	UNCAL (mV)	pH READING (SU)	CAL (mV)	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL			**7.00**								
CAL			**4.00**								
CAL			**10.00**								
ICV			**7.00**								
CCV	08/06/14	1913	7.00	240544	Apr 16		6.95			Pass	BM

pH slope is the difference between uncal mV and cal mV (uncal mV is just the mV reading before you press the cal button)
pH mV range: 7 SU = 0mV +/- 50mV 4 SU = 165 to 180 + 7 SU mV reading 10 SU = -165 to -180 + 7 SU reading

ORP

	DATE	TIME	TEMP (°C)	STANDARD (mV)	LOT#	EXP. DATE	ORP READING (mV)	ORP (mV) OFFSET (glp file)	PASS/FAIL +/- 10 mV	INITIALS
CAL										
ICV										
CCV	08/06/14	1910	31.20	221.9	6758	09/18	220.7		Pass	BM

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD (NTU)	LOT#	EXP. DATE	TURBIDITY READING (NTU)	PASS/FAIL +/- 10%	INITIALS
CAL								
ICV								
CCV	08/06/14	1903	10	A4/04	July-15	10.2	Pass	BM

CALIBRATION LOG

DATE: 08/07/14 SITE NAME & LOCATION: P[illegible]FF Moultire, Georgia JOB #: 12806691.00000

YSI 556 MPS s/n: 12F102764 Turbidity Meter: HACH 2100Q s/n: 12110C021434

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO (mg/L)	TEMP (°C)	DO%	SATURATION (mg/L) (from chart)	PASS/FAIL +/- 0.3 mg/L	INITIALS
CAL				8.19	25.30	99.9	8.218		
ICV									
CCV	08/07/14	2051		8.19	25.30	99.9	8.218	Pass	BM

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD (µS/cm)	LOT#	EXP. DATE	SP COND READING (µS/cm)	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL			1409							
ICV										
CCV	08/07/14	2045	1413	109861	5/5/15	1465			Pass	BM

Conductivity gain range = 0.9 to 1.10; Cell constant = conductivity gain x 5

pH

	DATE	TIME	STANDARD (SU)	LOT#	EXP. DATE	UNCAL (mV)	pH READING (SU)	CAL (mV)	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL			7.00								
CAL			4.00								
CAL			10.00								
ICV			7.00								
CCV	08/07/14	2044	7.00	2405490	A8516		6.99			Pass	BM

pH slope is the difference between uncal mV and cal mV (uncal mV is just the mV reading before you press the cal button)
pH mV range: 7 SU = 0mV +/- 50mV 4 SU = 165 to 180 + 7 SU mV reading 10 SU = -165 to -180 + 7 SU reading

ORP

	DATE	TIME	TEMP (°C)	STANDARD (mV)	LOT#	EXP. DATE	ORP READING (mV)	ORP (mV) OFFSET (glp file)	PASS/FAIL +/- 10 mV	INITIALS
CAL										
ICV										
CCV	08/07/14	2048	31.40	221.9	6758	09/18	223.6		Pass	BM

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD (NTU)	LOT#	EXP. DATE	TURBIDITY READING (NTU)	PASS/FAIL +/- 10%	INITIALS
CAL								
ICV								
CCV	08/07/14	2040	10	A4104	July-15	10.6	Pass	BM

CALIBRATION LOG

DATE: 08/08/14 SITE NAME & LOCATION: P[illegible]FFF Moultire, Georgia JOB #: 12806691.00000

YSI 556 MPS s/n: 12F102264 Turbidity Meter: HACH 2100Q s/n: 12110C021434

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO (mg/L)	TEMP (°C)	DO%	SATURATION (mg/L) (from chart)	PASS/FAIL +/- 0.3 mg/L	INITIALS
CAL									
ICV									
CCV	08/08/14	1232		8.30	26.50	105.6	8.040	Pass	BM

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD (µS/cm)	LOT#	EXP. DATE	SP COND READING (µS/cm)	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL			1409							
ICV										
CCV	08/08/14	1226	1413	10984	5/5/15	1477			Pass	

Conductivity gain range = 0.9 to 1.10; Cell constant = conductivity gain x 5

pH

	DATE	TIME	STANDARD (SU)	LOT#	EXP. DATE	UNCAL (mV)	pH READING (SU)	CAL (mV)	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL			7.00								
CAL			4.00								
CAL			10.00								
ICV			7.00								
CCV	08/08/14	1221	7.00	7.00	2505440		6.95			Pass	BM

pH slope is the difference between uncal mV and cal mV (uncal mV is just the mV reading before you press the cal button)
pH mV range: 7 SU = 0mV +/- 50mV 4 SU = 165 to 180 + 7 SU mV reading 10 SU = -165 to -180 + 7 SU reading

ORP

	DATE	TIME	TEMP (°C)	STANDARD (mV)	LOT#	EXP. DATE	ORP READING (mV)	ORP (mV) OFFSET (glp file)	PASS/FAIL +/- 10 mV	INITIALS
CAL										
ICV										
CCV	08/08/14	~~0828~~ 1227	25.1	231	6758	09/18	232.7		Pass	BM

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD (NTU)	LOT#	EXP. DATE	TURBIDITY READING (NTU)	PASS/FAIL +/- 10%	INITIALS
CAL								
ICV								
CCV	08/08/14	1219	10.00	A4104	July-15	10.7	Pass	BM

CALIBRATION LOG

DATE: 08/11/14 SITE NAME & LOCATION: P[illegible]FF Moultire, Georgia JOB #: 1280667.00000

YSI 556 MPS s/n: 12F102764 Turbidity Meter: HACH 2100Q s/n: 12110C02134

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO (mg/L)	TEMP (°C)	DO%	SATURATION (mg/L) (from chart)	PASS/FAIL +/- 0.3 mg/L	INITIALS
CAL	08/11/14	1018	0.998297	8.09	26.17	100.4	8.084	Pass	BM
ICV	08/11/14	1021		8.11	26.43	102.7	8.095	Pass	BM
CCV				8.10	26.10	100.0	8.099	Pass	

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD (µS/cm)	LOT#	EXP. DATE	SP COND READING (µS/cm)	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL	08/11/14	~~0928~~ 1001	~~1409~~ 1413	10984	5/5/15	1413	0.967055	4.83575		
ICV	08/11/14	1003	1413	10984	5/5/15	1417			Pass	BM
CCV	08/12/14	0749	1413	10984	5/5/15	1419			Pass	BM

Conductivity gain range = 0.9 to 1.10; Cell constant = conductivity gain x 5

pH

	DATE	TIME	STANDARD (SU)	LOT#	EXP. DATE	UNCAL (mV)	pH READING (SU)	CAL (mV)	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL	08/11/14	09~~50~~	**7.00**	2405440	Apr-16	-26.0	7.00	-16.9	0.7		
CAL	08/11/14	0954	**4.00**	240901	Feb-16	154.0	4.00	154.7	-0.7		
CAL	08/11/14	0956	**10.00**	30612/13	OCT/30/14	189.0	10.01	-1.3	-190.3		
ICV	08/11/14	0959	**7.00**	2405440	Apr 16		7.03			Pass	BM
CCV	08/12/14	0747	7.00	2405440	Apr 16		7.06			Pass	BM

pH slope is the difference between uncal mV and cal mV (uncal mV is just the mV reading before you press the cal button)
pH mV range: 7 SU = 0mV +/- 50mV 4 SU = 165 to 180 + 7 SU mV reading 10 SU = -165 to -180 + 7 SU reading

ORP

	DATE	TIME	TEMP (°C)	STANDARD (mV)	LOT#	EXP. DATE	ORP READING (mV)	ORP (mV) OFFSET (glp file)	PASS/FAIL +/- 10 mV	INITIALS
CAL	08/11/14	1005	26.53	228.4	6758	09/18	228.4	13.34315		
ICV	08/11/14	1008	26.63	228.4	6758	09/18	228.7		Pass	BM
CCV	08/12/14	0751	27.04	228.4	6758	09/18	224.1		Pass	BM

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD (NTU)	LOT#	EXP. DATE	TURBIDITY READING (NTU)	PASS/FAIL +/- 10%	INITIALS
CAL	08/11/14	1011	~~400~~ 200	A4091	July-15	19.5		
ICV	08/11/14	1016	10	A4104	July-15	10.4	Pass	BM
CCV	08/12/14	0755	10	A4104	July-15	10.6	Pass	BM

CALIBRATION LOG

DATE: 8/13/14 SITE NAME & LOCATION: P[illegible]FF Moultire, Georgia JOB #: 12806651.0000

YSI 556 MPS s/n: 12F102264 Turbidity Meter: HACH 2100Q s/n: 12110C02154

To access .glp file, select main menu, file, view file, .glp, scroll down to bottom and right.
Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

	DATE	TIME	DO PROBE GAIN (glp file)	DO (mg/L)	TEMP (°C)	DO%	SATURATION (mg/L) (from chart)	PASS/FAIL +/- 0.3 mg/L	INITIALS
CAL									
ICV	8/13/14	0815		8.34	24.51	100.1	8.340	Pass	BM
CCV	8/13/14	1323		8.39	24.45	100.2	8.356	Pass	BM

DO gain range = 0.7 to 1.40

Specific Conductivity

	DATE	TIME	STANDARD (µS/cm)	LOT#	EXP. DATE	SP COND READING (µS/cm)	CONDUCTIVITY GAIN (glp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL			**1409**							
ICV	8/13/14	0806	1413	109B4	5/15/15	1430			Pass	BM
CCV	8/13/14	1317	1413	10984	5/19/15	1406			Pass	BM

Conductivity gain range = 0.9 to 1.10; Cell constant = conductivity gain x 5

pH

	DATE	TIME	STANDARD (SU)	LOT#	EXP. DATE	UNCAL (mV)	pH READING (SU)	CAL (mV)	SLOPE	PASS/FAIL +/- 0.2 SU	INITIALS
CAL			**7.00**								
CAL			**4.00**								
CAL			**10.00**								
ICV	8/13/14	0804	**7.00**	2405440	Apr 16		7.01			Pass	BM
CCV	8/13/14	1313	7.00	2405440	Apr16		7.03			Pass	

pH slope is the difference between uncal mV and cal mV (uncal mV is just the mV reading before you press the cal button)
pH mV range: 7 SU = 0mV +/- 50mV 4 SU = 165 to 180 + 7 SU mV reading 10 SU = -165 to -180 + 7 SU reading

ORP

	DATE	TIME	TEMP (°C)	STANDARD (mV)	LOT#	EXP. DATE	ORP READING (mV)	ORP (mV) OFFSET (glp file)	PASS/FAIL +/- 10 mV	INITIALS
CAL										
ICV	8/13/14	0810	25.21	231.0	6756	09/16	228.3		Pass	BM
CCV	8/13/14		26.19	228.4	6758	09/18	224.6		Pass	

ORP mV offset range = 0 +/- 100

TURBIDITY

	DATE	TIME	STANDARD (NTU)	LOT#	EXP. DATE	TURBIDITY READING (NTU)	PASS/FAIL +/- 10%	INITIALS
CAL								
ICV	8/13/14	0812	10	A4104	July-15	10.9	Pass	BM
CCV	8/13/14	1321	10	A4104	July-15	10.2	Pass	

FFF

Moultrie



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8/4/14

1013 T. Campbell, D. Hilton, and B. McKee on site. 82°F, cloudy. 50% chance of rain. no wind. Will go meet Cary at Griffin to acquire gate key.

1020 Hold tailgate safety meeting. Signed JSA's. H+S concerns include slips, trips, falls, tool usage, heat, weather, bio hazards, traffic, noise.

1050 Began venting wells.

1240 URS crew off site for lunch.

1315 URS back on site to gauge wells.

Well ID	GW Depth
MW-4S	2.52
MW-18S	0.58
FFFW-3-R	7.01
MW-43S	5.28
MW-42S	2.56
MW-22S	4.34
MW-44S	8.05
FFFW-1-R	7.11
RW-TP5S	13.99
OW-TP5S1	13.80
MW-TP5I	[redacted] 16.46
MW-TP5S	11.22

8/4/14

Well ID	GW Depth
OW-TP5S-2	12.88
MW-45S	9.77
FFFW-4-R	9.77
FFFW-2-R	17.69
FFFW-2-I	18.22
MW-47S	18.72
MW-23S	14.97
MW-TP1S	12.11
MW-TP1I	11.52
MW-20S	2.52
MW-26S	10.36
MW-19S	4.44
MW-34I	5.54
MW-34S	3.30
MW-46S	5.42
MW-TP2S	7.27
MW-33S	8.59
MW-25S	8.17
MW-TP3S	7.07
MW-TP4S	15.00
MW-24S	13.58
MW-40S	8.76
MW-49S	6.87
MW-41S	4.04

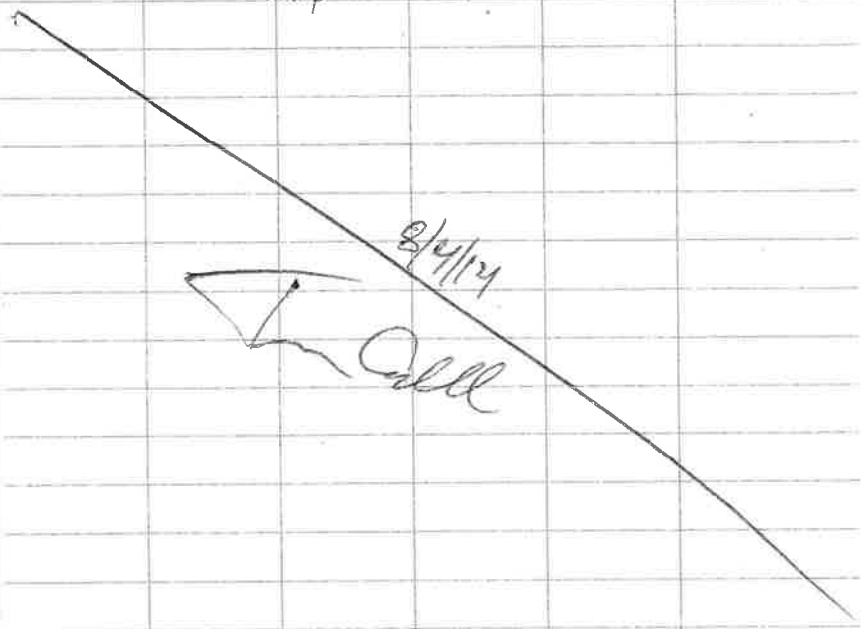
PCS FFF - Moultrie

8/4/14

Well ID	GW Depth
MW-32S-R	5.80
MW-32I	9.90
MW-21S	3.24
~~MW-12I~~ TC	
~~MW-12S~~ TC	

1511 Completed measuring water depths.

1530 URS off site. Headed to Colquitt county library for historical property ownership information



PCS FFF Moultrie

8/5/14

0720 T. Campbell on site. 80°F, humid, clear, no wind, chance of rain = 10%

0730 Conduct tailgate meeting. Signed JSAs, ~~KO~~ TC H&S concerns include, slips, trips, falls, bio hazards, heat, tool usage, traffic, splash. Begin calibration on YSI and turbidity meter.

0834 Got ice for samples, finished calibrations, materials organized, heading towards first well.

0841 Began setup on MW-4S Static DTW: 2.58'. Tubing @ 5' btoc.

0850 Begin purge @ 0.08 gpm

0909 Tubing moved down to 6' to follow water.

0920 Tubing moved to 8.0' btoc.

Time	DTW (feet)	pH (SU)	Temp (°C)	Cond. (mS/cm)	DO (mg/L)	ORP (mV)	Turb. (NTU)
0947	8.58	6.15	29.01	5345	1.04	124.8	2.45
0950	8.58	6.19	28.91	5348	1.08	121.8	1.98
0953	8.58	6.19	28.92	5349	1.07	121.4	1.78

0955 sample collected for MW-4S ✓

0959 Began cleanup on MW-4S. Total depth = 11.65' btoc.

8/5/14

T. Campbell

8/5/14

1005 Began setup on MW-18S.
Static DTW = 0.6' btoc. Tubing @ 3'

1012 Began purge @ 0.12 gpm

Time	DTW feet	pH SU	Temp °C	Cond. mS/cm	DO mg/L	ORP mV	Turb NTU
1102	2.20	4.97	23.45	532	0.18	105.7	0.62
1105	2.20	4.97	23.46	532	0.18	105.7	0.41
1108	2.20	4.97	23.46	532	0.18	105.2	0.52

1110 Sample collected for MW-18S ✓

1114 Cleaned up at MW-18S.
Total Depth = 12.78' btoc.

1123 Began setup on MW-19S.
Static DTW = 4.56'. Tubing @ 7' btoc.

1133 Purging started @ 0.10 gpm

Time	DTW	pH SU	Temp °C	Cond. mS/cm	DO mg/L	ORP mV	Turb. NTU
1213	8.10	4.81	24.60	2538	0.22	162.9	0.55
1216	8.10	4.81	24.62	2543	0.22	162.6	0.61
1219	8.10	4.80	24.66	2552	0.22	162.2	0.71

1221 Sample collected for MW-19S. ✓

1225 Began Cleanup on MW-19S.
Total Depth = 16.03

1235 T. Campbell off site for lunch.

1255 T. Campbell back on site.

1300 Began setup on MW-42S.
Static DTW = 2.60'. Tubing @ 5.0' btoc.

1315 Purge started @ 1.0 gpm

Time	DTW feet	pH SU	Temp °C	Cond. mS/cm	DO mg/L	ORP mV	Turb NTU
1415	4.89	5.52	24.33	3571	0.15	88.2	3.04
1418	4.89	5.52	24.34	3572	0.15	87.9	3.17
1421	4.89	5.52	24.30	3575	0.15	87.8	2.88

1423 Sample collected for MW-42S ✓

1427 Cleaned up at MW-42S.
Total Depth = 11.12' btoc.

1438 Began setup on MW-22S.
Static DTW = 4.44'. Tubing @ 6.5' btoc.

1450 Purge started @ 0.11 gpm.

Time	DTW feet	pH SU	Temp °C	Cond. mS/cm	DO mg/L	ORP mV	Turb. NTU
1543	9.60	5.33	24.66	175	2.15	111.7	3.05
1546	9.60	5.29	24.60	175	2.08	111.5	2.47
1549	9.60	5.28	24.58	175	2.04	111.3	2.51

1551 Sample collected for MW-22S ✓

1557 Cleaned up at MW-22S.
Total depth = 15.30' btoc

1602 Began setup on MW-44S.
Static DTW = 8.05. Tubing @ 10.0' btoc.

1614 Purge started @ 0.08 gpm.

Time	DTW feet	pH SU	Temp °C	Cond mS/cm	DO mg/L	ORP mV	Turb NTU
1746	14.11	6.01	23.24	794	0.16	46.8	2.86
1749	14.11	6.01	23.26	795	0.16	48.6	2.80
1752	14.11	6.01	23.28	796	0.16	48.1	3.12

1754 Sample collected for MW-44S ✓

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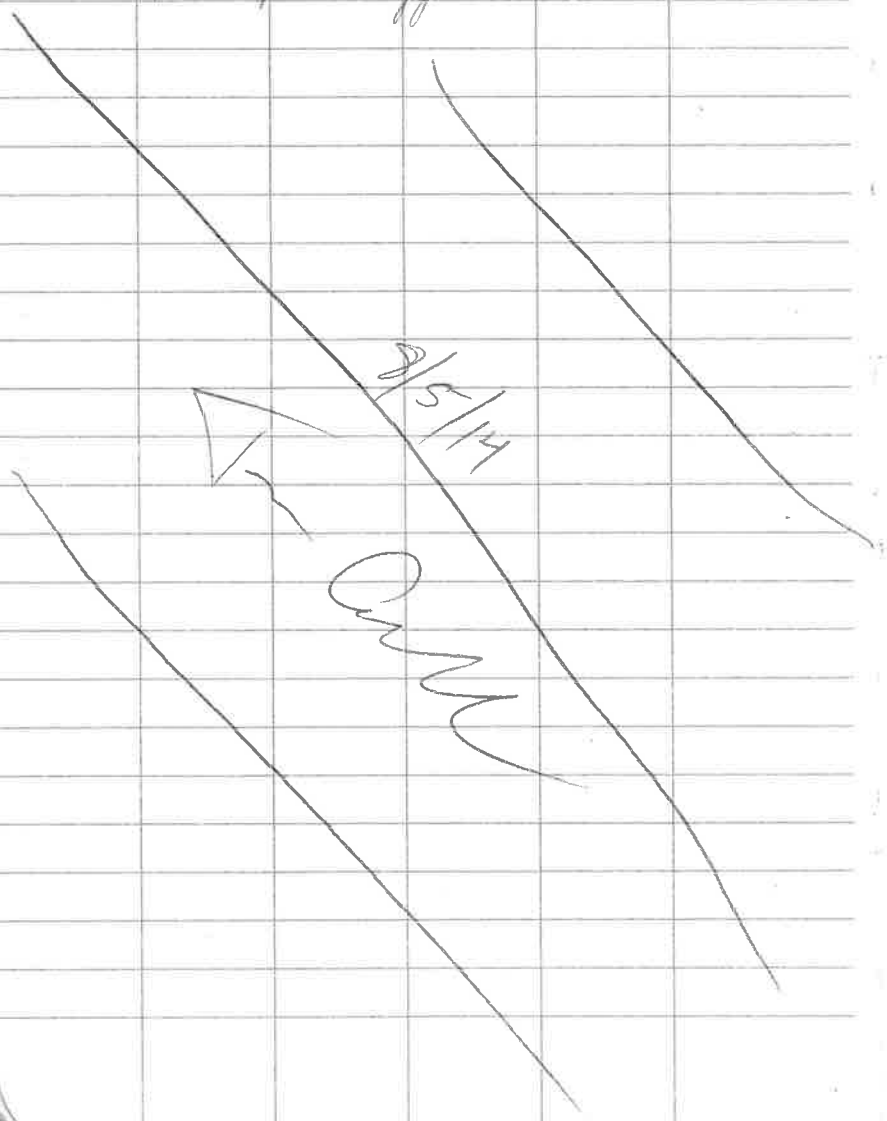
1800 Began cleanup at MW-44S
Total Depth =
1810 T. Campbell off site.



PCS FFF Moultrie 8/6/14 (89)

0650 T. Campbell on site w/ D. Hilton and B. McKee. Began verification on YSI and Turbidity meter. Conduct tailgate safety meeting Signed JSAs. H&S concerns include slips, trips, falls, traffic, tool usage, splash, heat, biohazards.

0720 Began setup on MW-20S.
Static DTW = 2.65'. Tubing @ 4.5' btoc

0732 Purge started @ 0.12 gpm.

Time	DTW (ft btoc)	pH (SU)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	Turb (NTU)
0822	5.07	6.43	25.45	355	0.44	-53.0	4.17
0825	5.07	6.43	25.44	355	0.44	-52.9	3.87
0828	5.07	6.43	25.44	355	0.42	-52.7	3.90

0830 Collected sample for MW-20S ✓

0834 Began cleanup on MW-20S.
Total depth = 14.76' btoc

0839 Began setup on MW-26S.
Static DTW = 10.48'. Tubing at 12.5'.

0850 Purge started @ 0.10 gpm.

Time	DTW (ft btoc)	pH (SU)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	Turb (NTU)
0936	11.05	4.59	23.56	88	2.19	366.6	0.64
0939	11.05	4.59	23.57	87	2.20	366.2	0.60
0942	11.05	4.59	23.58	88	2.19	367.0	0.70

0944 sample collected for MW-26S ✓

PCS FFF Moultrie

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0949 Began cleanup on MW-26S.
Total Depth = 19.61' btoc

1008 Began setup on MW-46S.

[redacted] Static DTW = 5.51. Tubing @ 7.5' btoc.

1018 Purge started @ 0.10 gpm

Time	DTW (Feet)	pH (SU)	Temp (C°)	Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turb (NTU)
1104	7.40	4.05	28.02	449	0.33	422.3	0.98
1107	7.40	4.04	28.02	449	0.33	422.3	1.11
1110	7.40	4.04	27.99	449	0.33	420.3	1.17

1112 Sample collected for MW-46S ✓

1116 Cleanup at [redacted] MW-46S.
Total Depth = 14.60' btoc.

1120 T. Campbell & D. Hilton off site to Colquit County Tax Collectors office to get historical property data.

1255 T. Campbell and D. Hilton back on site.

1312 Began setup on MW-23S.
Static DTW = 15.05. Tubing @ 17'

1320 Purge started @ 0.16 gpm.

Time	DTW (Feet)	pH (SU)	Temp (C°)	Cond. (mS/cm)	DO (mg/L)	ORP (mV)	Turb (NTU)
1423	17.25	4.64	22.94	137	1.19	192.2	1.99
1426	17.25	4.64	22.92	138	1.18	191.8	1.71
1429	17.25	4.64	22.91	138	1.17	190.0	1.71

PCS FFF Moultrie

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1431 Sample collected for MW-23S ✓

1436 cleaned up at MW-23S.
Total depth = 32.33' btoc.

1445 T. Campbell and B. McKee off site to visit Colquit Library to pull historical ownership directories.

1610 T. Campbell and B. McKee on site.

1614 Began setup on MW-TP3S.
Static DTW = 7.16. Tubing @ 9.0' btoc.
Purge started @ 0.14 gpm

Time	DTW (Feet)	pH (SU)	Temp (C°)	Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turb (NTU)
1713	9.96	4.86	21.11	182	0.74	164.5	1.11
1716	9.96	4.86	21.09	182	0.72	165.8	1.42
1719	9.96	4.86	21.00	182	0.71	170.9	0.99

1721 Sample collected for MW-TP3S ✓

1725 Began cleanup on MW-TP3S.
Total depth = 19.62' btoc.

1731 URS off site.

8/6/14

PCS FFF Moultrie

8/7/14

0652 T. Campbell on site. 76°F, clear, no wind. Chance of rain = 30%. Conduct safety meeting. Signed JSAs. H_2S concerns same as yesterday.

0708 collect EQ-3.

0718 Began setup on MW-25S.
Static DTW = 8.31'. Tubing @ 10' btoc.

0732 Purge started @ 0.10 gpm

~~0732~~

Time	DTW (feet)	pH (SU)	Temp (°C)	Cond. (mS/cm)	DO (mg/L)	ORP (mV)	Turb. (NTU)
0806	10.26	5.38	24.72	147	1.54	58.3	1.17
0809	10.26	5.37	24.73	147	1.60	60.6	1.28
0812	10.26	5.34	24.74	147	1.62	65.2	0.98

0814 sample collected for MW-25S ✓

0820 cleaned up at MW-25S.
Total Depth = 14.77' btoc.

0830 Began setup on MW-TP2S.
Static DTW = 7.40. Tubing @ 9.0' btoc.

0838 Purge started at 0.14 gpm.

Time	DTW (feet)	pH (SU)	Temp (°C)	Cond. (mS/cm)	DO (mg/L)	ORP (mV)	Turb. (NTU)
0924	11.37	5.31	28.39	334	0.35	95.4	8.08
0927	11.37	5.35	28.48	334	0.38	96.1	7.91
0930	11.37	5.38	28.60	334	0.41	96.8	7.92
0933	11.37	5.37	28.66	334	0.42	96.7	7.44

0935 sample collected for MW-TP2S ✓

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0941 Began cleanup on MW-TP2S.
Total depth = 19.82' btoc

0958 Began setup on MW-33S.
Static DTW = 8.62'. Tubing @ 10.5' btoc

1010 Purge started @ 0.12 gpm

Time	DTW (feet)	pH (SU)	Temp (°C)	Cond. (mS/cm)	DO (mg/L)	ORP (mV)	Turb. (NTU)
1126	9.11	5.64	21.55	78	5.26	122.8	2.86
1129	9.11	5.64	21.58	78	5.25	122.8	2.71
1132	9.11	5.64	21.60	78	5.20	122.6	2.41

1134 sample collected for MW-33S ✓

1140 Began cleanup on MW-33S.
Total depth = 27.22' btoc.

1150 T. Campbell off site for lunch

1218 T. Campbell back on site.

1240 Drive up and down 2nd Street NE to collect pictures of possible off site contamination sources.

1332 Began setup on MW-47S
Static DTW = 18.62'. Tubing @ 20' btoc.

1340 Purge started @ 0.14 gpm

Time	DTW (feet)	pH (SU)	Temp (°C)	Cond. (mS/cm)	DO (mg/L)	ORP (mV)	Turb. (NTU)
1428	18.80	5.50	22.31	52	4.58	117.5	1.73
1431	18.80	5.49	22.38	52	4.56	117.9	1.70
1434	18.80	5.49	22.39	52	4.57	117.8	1.51

PCS - FFF - Moultrie

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1436 Sample collected for MW-47S ✓

1440 Began cleanup at MW-47S.
Total depth = 31.67 'btoc

* At approx. 1430, Moultrie police office parked across the road and walked over to talk w/ me. He informed me of "suspicious activity" south of my location. He asked for identity proof and was curious as to what I was doing. I explained the situation and he called the local station to inform them of URS being in the area. He then informed me of "problems" at the local jail and told me to call local authorities if I saw anything "out of place".

1508 Began setup on MW-34S.
Static DTW = 3.20. Tubing @ 5 'btoc

1515 Purge started @ 0.10 gpm.

* Set up on MW-34I also.
Static DTW = 5.60. Tubing @ 40' btoc.

1520 Purge started at 0.08 gpm

8/7/14

PCS FFF Moultrie

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* Parameters for MW-34I

Time	DTW (feet)	pH (SU)	Temp (C°)	Cond. (mS/cm)	DO (mg/L)	ORP (mV)	Turb. (NTU)
1550	7.21	5.98	26.63	87	1.99	80.0	32.2
1555	7.21	5.98	26.70	87	2.00	79.9	34.6
1600	7.21	5.98	26.72	87	2.01	79.1	40.0

1602 Sample collected for MW-34I ✓

* Filtered sample collected for MW-34I

→ Parameters for MW-34S.

Time	DTW (feet)	pH (SU)	Temp (C°)	Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turb. (NTU)
1620	5.11	6.08	26.02	27580	0.95	140.7	6.73
1623	5.11	6.08	26.04	27588	0.94	147.1	5.98
1626	5.11	6.08	26.07	27592	0.93	142.3	5.26

1628 Sample collected for MW-34S ✓

1633 cleaned up at MW-34S,
Total depth = 14.42' bTOC

1645 Begin purging waste water from poly tank we've been using to store purge water into 55-gallon drums using URS submersible pump

1740 URS off site.

8/7/14

PCS FFF Multiple

8/8/14

0720 URS on site. Begin instrument verifications. Weather = 76°F, clear, humid, no wind. Conduct tailgate meeting. H+S concerns include slips, trips, falls, bugs, snakes, traffic, tool usage, splash, pinch points.

0758 Begin setup on MW-43S.
Static DTW = 5.47'. Tubing @ 7' btoc.

0810 Purge started @ 0.10 gpm.

Time	DTW (ft)	pH (SU)	Temp (°C)	Cond. (mS/cm)	DO (mg/L)	ORP (mV)	Turb. (NTU)
0910	7.58	5.77	26.04	1370	0.22	83.8	0.75
0913	7.58	5.77	26.05	1370	0.21	83.1	0.65
0916	7.58	5.77	26.06	1370	0.21	83.1	0.71

0918 Sample collected for MW-43S ✓

0924 Began cleanup at MW-43S.
Total Depth = 17.70' btoc

0938 Begin setup on FFFW-3-R.
Static DTW = 7.17'. Tubing @ 9.0' btoc

0949 Purge started @ 0.12 gpm.

Time	DTW (ft)	pH (SU)	Temp. (°C)	Cond. (mS/cm)	DO (mg/L)	ORP (mV)	Turb (NTU)
1029	9.41	5.50	25.30	2174	1.66	112.8	1.15
1032	9.41	5.51	25.32	2174	1.64	111.7	1.08
1035	9.41	5.52	25.34	2174	1.64	111.9	0.99

1037 Sample collected for FFFW-3-R ✓

1042 Began cleanup on FFFW-3-R
Total Depth = 16.07' btoc

PCS FFF Multiple

8/8/14

1104 Began setup on MW-TP48.
Static DTW = 15.02'. Tubing @ 17'.

1116 Purge started @ 0.12 gpm.

Time	DTW (ft)	pH (SU)	Temp (°C)	Cond. (mS/cm)	DO (mg/L)	ORP (mV)	Turb. (NTU)
1154	15.26	4.76	22.18	116	3.32	251.5	2.21
1157	15.26	4.75	22.13	115	3.34	251.1	2.02
1200	15.26	4.75	22.15	116	3.29	250.1	1.90

1202 Sample collected for MW-TP48 ✓

1206 Cleaned up at MW-TP48.
Total depth = 24.60' btoc

1310 URS cleaned site, relinquished samples to D. Hilton.

1330 URS off site.

5/8/14

PCS FFF Moultrie
8/11/14

0838 T. Campbell (ARS) on site. 78°F, cloudy, fog, no wind. Chance of rain = 70%.
Begin calibrations on YSI and Turbidity meters.
Conducted Tailgate meeting. H+S concerns include slips, trips, falls, tool usage, traffic, weather, biohazards, heat, pinch points. Signed TC JSAs.

0930 Set up on MW-TP5S.
Static DTW = 13.25'. Tubing @ 15' btoc.

0944 Purge started @ 0.09 gpm.

0945 Also setup on MW-TP5I.
Static DTW = 15.60'. Tubing @ 47.5'.

0951 Purge started @ 0.10 gpm. MW-TP5I ↓

Time	DTW feet	pH SU	Temp C°	Cond mS/cm	DO mg/L	ORP mV	Turb. NTU
1013	18.40	5.95	24.46	54	1.74	149.5	26.6
1018	18.40	5.95	24.50	54	1.75	149.1	27.9
1023	18.40	5.95	24.52	54	1.76	150.4	30.2

1025 Sample collected for MW-TP5I ✓
TC Filtered sample collected for MW-TP5I

1030 Cleaned up at MW-TP5I.
Total Depth = 52.61' btoc

8/11/14

[signature]

PCS FFF Moultrie
8/11/14

Parameters for MW-TP5S

Time	DTW feet	pH SU	Temp C°	Cond mS/cm	DO mg/L	ORP mV	Turb. NTU
1047	16.41	3.23	24.18	20611	0.37	382.1	0.43
1050	16.41	3.23	24.20	20610	0.39	380.1	0.71
1053	16.41	3.23	24.24	20608	0.40	379.2	0.51

1055 Sample collected for MW-TP5S ✓
DUP-4 Collected.

1059 Began cleanup at MW-TP5S.
Total Depth = ~~24.60'~~ 24.90' btoc

1107 Began setup on MW-24S.
Static DTW = 13.61. Tubing @ 15.0' btoc.

1114 Purge started @ 0.14 gpm.

Time	DTW feet	pH SU	Temp. C°	Cond. mS/cm	DO mg/L	ORP mV	Turb. NTU
1214	13.86	4.70	23.17	87	3.39	209.3	0.69
1217	13.86	4.70	23.24	86	3.42	209.3	0.70
1220	13.86	4.70	23.19	85	3.45	209.3	0.42

1222 Sample collected for MW-24S ✓

1228 Began cleanup at MW-24S.
Total Depth: 29.60' btoc

1238 T. Campbell off site for lunch.

1305 T. Campbell back on site.

1325 Began setup on MW-11S.
MW-11S was purged dry by D. Hilton on 8/8/14. Well will be gauged for water and readings will

PCS FFF Moultrie
8/11/14

be collected in YSI cup.

Time	DTW (feet)	pH (SU)	Temp (°C)	Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turb (NTU)
1340	7.43	6.62	24.90	1275	1.65	-94.0	42.2

1342 sample collected for MW-11S ✓
Filtered sample collected for MW-11S
1350 Cleaned up at MW-11S.
Total Depth = 14.10' btoc.
1408 setup on MW-35S.
Static DTW = 11.72. Tubing @ 13.5' btoc.
1416 Purge started @ 0.09 gpm.

Time	DTW (feet)	pH (SU)	Temp (°C)	Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turb (NTU)
1523	12.80	4.11	27.29	492	0.26	435.6	5.86
1526	12.80	4.10	27.38	496	0.25	434.1	5.11
1529	12.80	4.10	27.42	496	0.25	434.3	4.88

1531 sample collected for MW-35S ✓
1538 Cleaned up @ MW-35S.
Total depth = 24.58' btoc
1600 Began setup on FFFW-4-R.
Static DTW = 10.00. Tubing @ 11.5'.
1612 Purge started @ 0.06 gpm.
Turbidity was over 10.0 NTUs. Purged 5 well volumes (5.44 gallons) before taking readings.

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Time	DTW (feet)	pH (SU)	Temp (°C)	Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turb (NTU)
1742	5.55	22.32	2660	0.24	110.6	47.8	
1747	5.46	22.33	2670	0.28	95.1	52.7	
1752	5.40	22.40	2678	0.32	99.1	53.0	
1757	5.38	22.38	2682	0.37	101.1	49.8	

1759 sample collected for FFFW-4-R
Filtered sample collected for FFFW-4-R ✓
1807 Cleaned up at FFFW-4-R.
Total Depth = 17.70' btoc
1830 T. Campbell off site

8/11/14

(102)

PCS FFF Modified

8/12/14

0720 T. Campbell on site. Weather: 78°F, humid, clear, chance of rain = 70%. Conduct tailgate meeting. H&S concerns include slips, trips, falls, tool usage, bugs, snake, heat, weather, traffic, noise. Signed JSAs and began verifications of YSI and Turbidity meters.

0745 Began set up on MW-40S. Static DTW: 8.88' btoc. Tubing @ 10.5' btoc.

0752 Purge started @ 0.11 gpm. Purge slowed to 0.10 gpm for water stabilization. Turbidity read >10 NTU after 3 well volumes. Will continue to purge up to 5 well volumes for turbidity.

Time	DTW (feet btoc)	pH (SU)	Temp (°C)	Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turb (NTU)
1124	17.70	5.34	27.33	44	2.07	171.0	24.5
1127	17.70	5.34	27.29	44	2.08	170.6	25.0
1130	17.70	5.34	27.20	44	2.09	170.3	25.8

1132 Sample collected for MW-40S ✓

* Filtered sample collected for MW-40S ✓

1140 cleaned up at MW-40S. Total Depth = 34.52' btoc.

1200 T. Campbell off site for lunch and gas.

8/12/14

(103)

1240 T. Campbell back on site.

1258 Began setup on MW-29S. Static DTW: 11.80' btoc. Tubing @ 13.0'.

1309 Purge started @ 0.14 gpm. Purge slowed to 0.12 gpm for water stabilization.

Time	DTW (feet btoc)	pH (SU)	Temp (°C)	Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turb (NTU)
1418	12.20	3.85	26.49	1550	0.18	233.1	0.77
1421	12.20	3.90	26.52	1555	0.18	232.1	0.88
1424	12.20	3.91	26.53	1560	0.18	230.7	0.61

1426 Sample collected for MW-29S ✓ DUP-2 collected.

1438 Began cleanup on MW-29S. Total Depth = 29.33' btoc.

1445 T. Campbell off site to check into hotel, get ice for samples, and to get trash bags.

1520 T. Campbell back on site.

1528 Began setup on FFFW-1-R. Static DTW: 7.90. Tubing @ 9.5' btoc.

1538 Purge started @ 0.10 gpm.

Time	DTW (feet btoc)	pH (SU)	Temp (°C)	Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turb (NTU)
1612	8.44	6.01	30.31	270	2.19	31.0	8.37
1615	8.44	6.01	30.30	272	2.19	31.0	7.11
1618	8.44	6.01	30.28	274	2.19	31.0	7.07

(104)

PCS FFF Moultrie
8/12/14

1620 Sample collected for ~~MW-TP1I~~ TC FFFW-1-R

1627 Cleaned up at FFFW-1-R
Total Depth = 15.90' btoc

1638 Wind has picked up and thunderstorms are approaching. Will assist Brett w/ the wells he's currently on and secure the site.

1708 T. Campbell off site.

T Campbell 8/12/14

(105)

PCS FFF Moultrie
8/13/14

0725 T. Campbell on site. Weather = 76°F, foggy, no wind. Chance of rain = 60%. Conduct tailgate meeting. H+S concerns include slips, trips, falls, tool usage, traffic, heat, weather, bugs, snakes, pinch points. Signed ~~MW~~ TC SSAs and began YSI and turbidity meter verifications.

0754 Began setup on ~~MW-TP1I~~ TC MW-TP1I. Static DTW = 11.70'. Tubing @ 45.5' btoc

0802 Purge started at 0.08 gpm.

Time	DTW ft btoc	pH SU	Temp. °C	Cond. mS/cm	DO mg/L	ORP mV	Turb. NTU
0809	12.20	6.26	21.20	51	5.93	151.8	3.89
0814	12.20	6.25	21.18	51	5.80	157.4	1.97
0819	12.20	6.20	21.15	51	5.79	153.1	1.52

0821 Sample collected for MW-TP1I ✓

0825 cleaned up at MW-TP1I.
Total Depth = 48.12' btoc

0830 Began setup on MW-TP1S.
Static DTW = 12.20. Tubing @ 14.0' btoc

0836 Purge started at 0.08 gpm.

T Campbell 8/13/14

(106) PCS FFF Moultrie
8/13/14

Time	DTW ft	pH SU	Temp. C°	Cond. uS/cm	DO mg/L	ORP mV	Turb NTU
0923	13.30	4.54	24.33	245	2.33	244.7	1.29
0926	13.30	4.56	24.28	245	2.40	240.0	1.11
0929	13.30	4.59	24.26	245	2.42	241.1	0.98

0931 Sample collected for MW-TP1S ✓
0936 cleaned up at MW-TP1S.
Total Depth = 19.99' toc.
1000 Began site cleanup. Performed Verifications on YSI and Turbidity meters, everything passed. Returned key to Gary (Griffin).
1100 T. Campbell off site.

FFF

Moultrie



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Book 6

08.04.14 PCS-FFF Monitnc GW Sample

1013 URS (T. Campbell, B. Mckee, D. Hilton) Review H&S, JSA & scope of work (see Book 5 for details) & Check in w/ Guffian & Gays

1050 Begin venting wells

1240 offsite for lunch

1315 onsite

1316 Begin collecting water levels

Well id	DTW ft btoc	Notes
MW-1SR	7.07	
MW-1IR	8.00	
MW-2S	5.09	flush dh → flush ~~stickup~~
MW-2I	6.95	
MW-3S	12.08	
MW-3I	13.50	
MW-4S	see other book	
MW-5SR	6.65	
MW-6SR	7.02	
MW-6I	6.11	flush
MW-7SR	8.12	
MW-8I	12.30	
MW-9SR	6.32	
MW-10I	7.09	
MW-10SR	7.29	
MW-11S	7.03	

PCS-FFF Moultrie 08.04.14 GW Sample

Well id	DTW ftbtoc	Notes
MW-13SR	5.69	
MW-27SR	6.44	
MW-36S	5.94	
MW-37S	5.85	
MW-38S	7.97	
MW-39S	6.12	flush
OW-3S-1	9.05	
OW-3S-2	6.91	
RW-3S	11.71	4"
MW-48S	12.83	
MW-29S	11.48	
MW-30S	12.63	
MW-28S	12.14	
MW-35S	11.49	
MW-13I	14.89	
MW-31S	11.55	
MW-15S	9.53	
MW-7I	9.58	
MW-12I	~~MW~~ dh 10.46	
MW-12S	10.47	

1511 Water level gauging complete

1530 URS off site - head to library for research

080414 Thilton

PCS-FFF Moultrie 08.05.14 GW Sample

0720 URS on site; Review H&S, JSA, Scope of Work; Begin calibrating/verifying & sorting equipment/supplies; All wells will be sampled using Pine leased YSI 556MPS # 11E101022, Pine leased turbidity meter # Hach 2100Q # 13050C025380, Pine leased water level meter # Solinst 101 # ~~901867~~ 222483, Pine leased peristaltic pump & FEI rented peristaltic pump; tubing size 1/4" id LDPE & silicone tubing

0822 All parameters verified

0921 MW-9SR DTW = 6.34' btoc; Begin purging at 0.10gpm with tubing at ~~10.5'~~ 8dh btoc, 2" stickup; screen 4-15' top; 3WV, 3min; WV = ~~1.608~~ 1.768 dh

Time EST	Temp °C	Sp Cond uS/cm	DO mg/L	pH SU	ORP mV	Turb NTU	DTW ftbtoc
1013	23.76	1168	0.33	5.09	168.1	0.21	7.01
1021	23.69	1170	0.28	5.09	158.8	0.66	7.03
1024	23.71	1171	0.30	5.09	154.9	0.67	7.03
1027	23.78	1168	0.29	5.10	150.3	0.78 dh	7.03

1031 Collected MW-9SR for well specific Metals (6020A); No Color, No Odor TD = 16.70' btoc; Total purged = 6.6 gal

dh

1104 MW-3I DTW = 13.55' btoc ', Begin purging at 0.10gpm with tubing in (41.5 'btoc) screen, 2" stickup screen = 39-44 screen, EV, 5 min ', EV = 0.28gal

Time EST	Temp °C	SpCond uS/cm	DO mg/L	pH SU	ORP mV	Turb NTU	DTW ftbtoc
1129	28.12	162	0.43	4.83	61.0	0.51	13.59
1134	27.90	162	0.39	4.82	51.6	0.46	13.60
1139	27.99	162	0.36	4.81	44.1	0.44	13.60

1144 ✓ Collected MW-3I for well specific metals (6020A)', No Color, No Odor TD = 44.90' btoc ', well is now a stickup previous was a ~~stick~~ flush; screen = 35-40' bts

1150 MW-3S DTW = 12.10' btoc ', Begin purging at pump rate min = 0.06gpm

1201 Could stabilize water level, turned pump up to dry well; previous sampling well purged dry

1220 MW-3S purged dry

1307 MW-2S DTW = 5.25' btoc ', Begin purging at 0.10gpm with tubing @ 7' btoc, 2" flush, 4-14' = screen Top ~~(tbe)~~ dh, 3WV, 3 ; WV = 1.4 gal

1311 MW-2I DTW = 6.90' btoc ; Begin purging at 0.06gpm with tubing at 32.5' btoc ; 2" flush, screen = 30-35' ; ms, EV, 5 ; EV = 0.267 gal

Time EST	Temp °C	SpCond uS/cm	DO mg/L	pH SU	ORP mV	Turb NTU	DTW ftbtoc
1324	26.01	179	0.56	4.63	185.2	1.03	7.02
1329	25.15	141	0.52	4.73	162.8	0.85	7.02
1334	25.24	137	0.38	4.72	157.4	0.92	7.02
1339	25.07	135	0.36	4.75	145.2	0.73	7.02

1346 ✓ Collected MW-2I for well specific metals (6020A)', No Color, No Odor TD = 35.15' btoc ', purged 1.68 gal

parameters for MW-2S

Time EST	Temp °C	SpCond uS/cm	DO mg/L	pH SU	ORP mV	Turb NTU	DTW ftbtoc
1400	25.85	565	3.21	3.93	176.1	3.05	6.47
1403	25.97	565	3.30	3.93	175.6	2.20	6.45
1406	25.93	565	3.32	3.93	174.2	1.41	6.45

1410 ✓ Collected MW-2S for well specific metals (6020A)', No Color, No Odor TD = 14.35' btoc ', total purged 5.9 gal

1431 MW-6SR DTW = 7.06' btoc, Begin purging at 0.06gpm with tubing @ 9.00' btoc 2" stickup, screen = 4-14', Top, 3WV, 3', WV = 1.1104 gal

1437 MW-8I DTW = 12.35' btoc; Begin purging at 0.06 gpm with tubing at ~~34~~ 35' btoc; 2" stickup, screen = 30-35' MS, EV, 5; EV = 0.267 gal

Time EST	Temp °C	Sp Cond us/cm	DO mg/L	pH SU	ORP mV	Turb NTU	DTW ft btoc
1452	26.27	219	0.67	4.38	135.6	1.70	12.42
1457 dh 1502	26.33	220	0.54	4.39	138.6	0.59	12.42
~~1458~~	26.47	221	0.51	4.38	141.0	0.54	12.42

1504 ✓ Collected MW-8I for well-specific metals (6020A); No Color, No Odor; TD = 37.82 purged 1.50 gal

parameters for MW-6SR

Time EST	Temp °C	Sp Cond us/cm	DO mg/L	pH SU	ORP mV	Turb NTU	DTW ft btoc
1531	32.80	5467	0.23	3.28	311.4	0.75	8.73
1534	32.47	5501	0.23	3.28	309.8	0.83	8.74
1537	32.32	5508	0.24	3.27	307.3	0.60	8.74
1540	32.44	5520	0.22	3.27	307.0	1.05	8.75

1549 ✓ Collected MW-6SR & DUP-1 for well specific metals (6020A), No Color No Odor, TD = 16.75' btoc; purged 4.14 gal.

1615 MW-37S DTW = 5.90' btoc; Begin purging at 0.12 gpm with tubing ~ 7' btoc; 2" stickup screen = 6-16 top, 3 WV, 3'; WV = 2.1024 gal

Time EST	Temp °C	Sp Cond us/cm	DO mg/L	pH SU	ORP mV	Turb NTU	DTW ft btoc
1710	24.38	971	0.14	6.76	-153.3	7.34	6.93
1713	24.49	967	0.12	6.77	-134.3	1.01	6.93
1716	23.80	969	0.13	6.77	-130.0	0.87	6.93
1719	23.96	964	0.11	6.77	-136.0	1.67	6.93
1722	24.11	964	0.12	6.77	-140.0	1.47	6.93
1725	24.18	965	0.12	6.78	-142.4	0.89	6.93
1728	24.26	967	0.11	6.78	-142.5	0.57	6.93

1730 ✓ Collected MW-37S for well-specific metals (6020A), No Color, No Odor TD = 18.80; vol purged = 8.76 gal

1745 Begin verification

1901 All parameters verified except DO, (Should be 7.30 mg/L was 6.29 mg/L). DO recalibrated & verified

8/5/14

0700 URS on site, Review H&S, JSA, Scope
0715 Not enough water in MW-3S to collect sample
0738 MW-1SR DTW=7.14' btoc; Begin purging at 0.06gpm with tubing @ 9' btoc; 2" stickup screen 2-12 top, 3WV, 3; WV=1.2044
0750 MW-1I-R DTW=8.07 btoc; Begin purging at 0.10gpm with tubing in screen (@35'), 2" stickup, screen=32.72-37.22' btoc; MS, EV, S EV=0.267 gal

Time	Temp	SpCond	DO	pH	ORP	Turb	DTW
EST	°C	uS/cm	mg/L	SU	mV	NTU	ft btoc
0810	23.55	140	0.58	4.72	240.1	1.07	8.29
0815	23.53	140	0.52	4.68	240.3	0.91	8.29
0820	23.52	140	0.51	4.67	239.6	0.53	8.29

0824 Collected MW-1I-R for well specific metals; No Color, No Odor; TD=37.03' btoc total purged=3.0gal

parameters for MW-1S-R

Time	Temp	SpCond	DO	pH	ORP	Turb	~~NTU~~ DTW
EST	°C	uS/cm	mg/L	SU	mV	NTU	ft btoc
0846	26.54	358	1.40	6.50	24.4	0.97	9.38
0849	26.69	362	1.24	6.49	25.5	0.73	9.39
0852	26.84	362	1.00	6.48	24.9	0.66	9.39

Time	Temp	SpCond	DO	pH	ORP	Turb	DTW
EST	°C	uS/cm	mg/L	SU	mV	NTU	ft btoc
0855	26.91	361	0.96	6.46	20.5	0.83	9.41
0858	26.96	360	0.80	6.45	19.7	0.77	~~9.41~~

0903 Collected MW-1S-R for well specific Metals (6020A), No Color, No Odor TD=14.56' btoc, gals purged=4.80

0934 Collected EQ-1 for metals (6020A) used URS DI water

0950 MW-3S DTW=6.01' btoc; Begin purging at 0.10gpm with tubing @ 8 btoc, 2" flush, screen=6-16'; top, 3WV 3 WV=1.5984

0954 MW-6I DTW=6.19; Begin purging at 0.10gpm with tubing at 30.5' btoc 2" flush, screen=28-33'; MS, EV, S EV=0.254gal

time	temp	SpCond	DO	pH	ORP	Turb	DTW
EST	°C	uS/cm	mg/L	SU	mV	NTU	ft btoc
1009	23.65	188	0.31	4.70	191.9	2.12	6.39
1014	23.65	190	0.28	4.70	196.0	1.78	6.39
1019	23.61	191	0.25	4.70	198.0	1.42	6.39

1022 Collected MW-6I for well specific metals (6020A); No color, slight odor (chemical odor); TD=33.40 purged 2.5gal

(52) PCS-FFF Moultrie 08.06.14 GW Sample

parameters for MW-39s

Time EST	Temp °C	SpCond uS/cm	DO mg/L	pH SU	ORP mV	Turb NTU	DTW ftbtoc
1035	25.44	318	0.22	4.45	219.4	0.51	6.46
1038	25.44	319	0.23	4.49	217.0	0.50	6.46
1041	25.38	320	0.24	4.50	214.3	0.39	6.46

1044 ✓ Collected MW-39s for well specific metals (6020A); ~~No~~ Slight Chemical odor, No Color, TD = 15.45' btoc

gallons purged = 5.1

URS offsite for lunch & reward

1300 URS onsite

1317 MW-36s DTW = 6.02' btoc; Begin purging at 0.125 gpm with tubing @ 8' btoc, 2" stickup Screen = 4-14 bls (6.58-16.58 ftbtoc); top 3WV 3

WV = 1.6896

Time EST	Temp °C	SpCond uS/cm	DO mg/L	pH SU	ORP mV	Turb NTU	DTW ftbtoc
1401	23.98	1794	0.23	3.88	208.0	1.38	6.96
1404	23.83	1785	0.23	3.88	209.4	0.75	6.96
1407	23.82	1781	0.23	3.88	210.1	0.74	6.96

1411 ✓ Collected MW-36s & DUP-5 for well Specific metals (6020A), No Color, No Odor, TD = 16.55 ft btoc

gallons purged = 6.25

(53) PCS-FFF Moultrie 08.06.14 GW Sample

1500 MW-13S-R DTW = 5.74' btoc; Begin purging at 0.12 gpm with tubing at 7.5' btoc; 2" Stickup Screen = 7-17' btoc; top 3WV, 3

WV = 1.8112 gallons

Time EST	Temp °C	SpCond uS/cm	DO mg/L	pH SU	ORP mV	Turb NTU	DTW ftbtoc
1546	23.15	640	0.19	5.63	38.5	8.70	6.82
1549	23.01	639	0.19	5.64	34.0	1.02	6.82
1552	22.93	639	0.17	5.66	28.5	0.42	6.82

1555 ✓ Collected MW-13S-R for well-specific metals, No Color, No Odor, TD = 16.85' btoc

gallons purged = 6.24

1611 MW-27S-R DTW = 6.48' btoc; Begin purging at 0.10 gpm with tubing at 8' btoc, 2" stickup, screen = 6.95-16.95' btoc; Top 3WV 3

WV = 1.6992 gal

Time EST	Temp °C	SpCond uS/cm	DO mg/L	pH SU	ORP mV	Turb NTU	DTW ftbtoc
1702	25.15	804	0.19	6.34	-92.7	1.38	7.03
1705	25.35	796	2.36	6.41	-74.9	5.61	7.03
1708*	25.06	795	2.59	6.41	-66.7	2.50	7.03
1711	24.57	783	0.95	6.35	-64.6	1.21	7.03
1714	24.64	783	0.42	6.36	-75.9	1.08	7.03

*rain at 1708

(54) PCS-FFF Monetrie 08.06.14 GW Sample

Time EST	Temp °C	SpCond µS/cm	DO mg/L	pH SU	ORP mV	Turb NTU	DTW ft btoc
1917	24.56	783	0.33	6.37	-78.6	1.17	7.03
1920	24.52	786	0.27	6.38	-75.6	1.29	7.03

1723 Collected MW-27S-R for well specific metals, No Color, No Odor
TD = 17.00' btoc, total purged = 6.9 gal

1905 All parameters verified
+180p dh URS off site

dilution

(55) PCS-FFF Moultrie 08.07.14 GW Sample

0700 URS on site, Review HASP, JSA, Scope

0729 MW-7S-R DTW = 8.24' btoc; Begin purging at 0.03 gpm with tubing @ 10' btoc; 2" stick up screen = 7-17' btoc
Top, 3WV, 3; WV = 1.4096
Water very cloudy

Time EST	Temp °C	SpCond µS/cm	DO mg/L	pH SU	ORP mV	Turb NTU	DTW ft btoc
0954	27.04	2530	0.48	2.96	393.2	0.58	9.17
0957	27.05	2531	0.61	2.96	393.2	0.54	9.17
1000	27.10	2531	0.45	2.96	392.8	1.18	9.17

1005 Collected MW-7S-R for well specific metals (6020A) No Color, No Odor
TD = 16.95' btoc total purged = ~~1.40~~ 4.53 gal

1032 MW-10S-R DTW = 7.40'; Begin purging at 0.0 gpm with tubing @ 9' btoc
2" stickup, Screen = 6.84-16.84' btoc
Top, 3WV, 3; WV = 1.5104 gal

1038 MW-10I DTW = 7.20' btoc; Begin purging at 0.0 gpm with tubing @ 37.5' btoc; 2' stickup, Screen = 37.73-42.73' btoc; MS EV5
EV = 0.28 gallons

Time EST	Temp °C	SpCond uS/cm	DO mg/L	pH SU	ORP mV	Turb NTU	DTW ft btoc
1103	25.35	81	0.39	5.80	162.3	4.04 3.25	8.21
1108	25.47	80	0.42	5.78	164.1	3.73	8.22
1113	25.65	80	0.44	5.76	159.9	2.25	8.23

1118 ✓ Collected MW-10I for well specific metals (6020A) No Color, No Odor, TD= 41.95' btoc, total purged = 1.86 gal parameters for MW-10S-R

Time EST	Temp °C	SpCond uS/cm	DO mg/L	pH SU	ORP mV	Turb NTU	DTW ft btoc
1232	30.15	179	0.44	4.91	211.1	2.54	8.90
1235	30.60	180	0.54	4.91	211.0	1.28	8.89
1238	31.35	180	0.57	4.93	213.3	1.34	8.81
1241	31.52	180	0.52	4.93	214.9	1.13	8.89
1244	31.45	180	0.44	4.93	214.6	1.76	8.89

1249 ✓ Collected MW-10S-R for well specific metals; No Color, No Odor; TD= 16.52' btoc total purged 3.96 gallons

1310 offsite for photo recon

1415 MW-55-R DTW = 6.72' btoc, begin purging at 0.06 gpm with tubing 9' btoc, 2' stickup, screen = 6.74 - 16.74' btoc; top, 3 WV 3; wv = 1.6032 gal

Time EST	Temp °C	SpCond uS/cm	DO mg/L	pH SU	ORP mV	Turb NTU	DTW ft btoc
1535	31.41	2293	0.47	3.81	275.0	2.63	7.84
1538	31.68	2297	0.44	3.81	275.1	2.75	7.84
1541	31.78	2295	0.48	3.81	274.5	2.10	7.84
1544	32.14	2293	0.46	3.81	273.1	5.13	7.84
1547	32.26	2290	0.49	3.81	273.8	2.66	7.84
1550	32.35	2291	0.45	3.82	274.6	2.40	7.84

1555 ✓ Collected MW-5SR for well specific metals (6020A); No Color, No Odor TD= 16.48' btoc; gallons purged = 5.70

1732 All parameters verified on YSI & Hach

1800 URS offsite

Hulton 08.07.14

0730 URS on site; Review H&S, JSA, scope
0758 MW-38S DTW = 8.20' btoc; Begin purging at 0.10 gpm with tubing at ~10' btoc; 2" stick, screen = 9.11-19.11 ftbtoc top3WV3; WV = 1.7456 gal

Time EST	Temp °C	SpCond uS/cm	DO mg/L	pH SU	ORP mV	Turb NTU	DTW ftbtoc
0911	25.50	174	4.01	5.89	19.9	7.12	10.07
0917	24.95	174	1.06	5.86	-24.0	3.68	10.07
0923	25.13	176	0.87	5.81	-14.4	3.84	10.07
0926	25.37	176	0.84	5.81	-16.8	3.78	10.08
0929	25.50	177	0.80	5.82	-17.8	3.34	10.09
0935	25.34	177	0.85	5.82	-11.0	3.09	10.09

0949 ✓ Collected MW-38S for well-specific metals (6020A), No Color, No Odor, TD = 19.04' btoc, Vol purged = 6.98 gallons

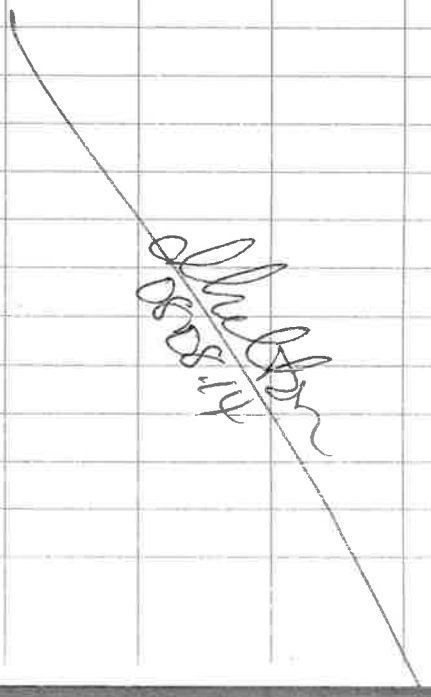
1007 MW-11S DTW = 7.21' btoc; Begin purging at 0.10 gpm with tubing ~9' btoc, 2" stickup, screen = 4.70-14.70' btoc, top3WV3; WV = 1.1984

Time EST	Temp °C	SpCond uS/cm	DO mg/L	pH SU	ORP mV	Turb NTU	DTW ftbtoc
1020	turn'd pump down to 0.03 gpm to stabilize water level						
1055	Water level continues to drop turned pump up to dry well DTW = 11.35'; turbidity high						

1059 MW-11S purged dry
1127 parameters for MW-3S

Temp °C	SpCond uS/cm	DO mg/L	pH SU	ORP mV	Turb NTU	DTW ftbtoc
33.57	4404	2.12	3.24	398.3	0.95	17.46

1135 ✓ Collected MW-3S + DUP-3 for well Specific metals, No Color, No Odor TD = 19.10' btoc; turbidity reading after samples = 0.78 NTU
1230 All parameters verified
1330 URS off site - secure & clean



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Book 7

08/4/14 FFF Monitoring

~~0815~~ URS

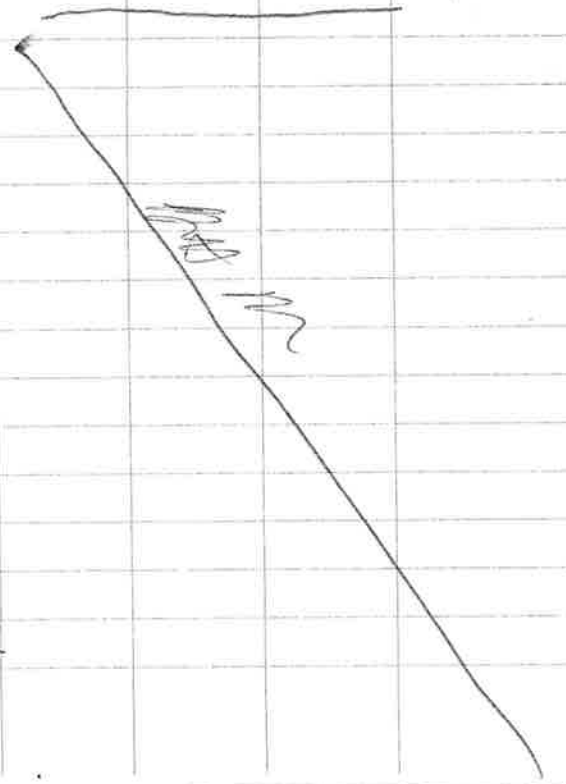
1013 URS (T. Campbell, B. McKee, & D. Hilton) onsite. Conduct H&S. See Book 5 for H&S and weather info.

Begin venting wells before gauging

1245 URS offsite for lunch.

1315 Begin gauging wells. * See Book 5 for DTW measurements *

	DTW	
MW-7D	—	MW-15S
MW-7I		
~~MW-65R~~		
MW-12S		
MW-13I		
MW-12I		
MW-48S		
MW-29S		
MW-35S		
MW-28S		
MW-30S		
MW-31S		
MW-40S		
MW-41S		
MW-21S		
MW-325-R		
MW-32I		



08/5/14 FFF Monitoring

0715 URS onsite. Discuss Sampling Plan and Health + Safety. For Health and Safety, see Book 5.

0730 Begin calibrating and verifying turbidity meter and YSI.

0830 Calibration complete. Begin cleaning up and mob to MW-21S.

Initial Depth to water is 3.27 ft bls. Tubing placed at 9.5 ft bls.

0920 Begin purging at 0.06 gpm

1002 Tubing raised to 9.0 ft bls

Purging Data

Time	DTW	PH	Temp	Cond	DO	Turb	ORP	Odor
1010	7.30	6.75	23.88	3207	6.40	4.36	-74.8	None
1013	7.32	6.74	23.90	3230	6.31	4.01	-72.9	↓
1016	7.34	6.74	23.81	3252	0.25	3.97	-61.8	↓

1018 Collect well specific 6020A metals from MW-21S ✗

1024 Begin cleaning around MW-21S

1037 Take Derived waste to poly tank.

1051 Begin setting up at MW-325-R

Initial static DTW is 5.85 ft btoc

Initial tubing placement is 9.0 ft btoc.

1112 Begin purging at 0.06 gpm

1128 Bring tubing up to 8.5 ft btoc

08/5/14 FFF Monitor

1153 re-positioned tubing back to 9ft btoc

Time	DTW ft	PH Su	Temp °C	Cond ms/cm	DO mg/L	Turb NTU	ORP mV	Color/odor brown/no
1211	8.59	6.17	27.75	14679	0.31	14.1	147.9	
1214	8.69	6.14	27.84	14604	0.25	15.1	145.2	
1217	8.77	6.13	27.41	14507	0.24	12.2	142.4	
1218	Turbidity remains above 10 NTU. Will check for Intermittent and purge to 5 well volumes. Tubing moved to 10 ft btoc.							

Time	DTW	PH	Temp	Cond	DO	Turb	ORP	Color/odor
1229	9.14	6.08	26.87	14242	0.31	8.53	131.6	brown/no
1232	9.20	6.07	27.02	14086	0.27	8.14	131.5	
1235	9.26	6.06	27.32	13907	0.25	7.69	131.4	

1238 collect well specific 6020A metals Sample from MW-325-R. ✓

1241 Begin cleaning around MW-325-R.

1250 Take DW to poly tank.

1300 B. Miller offsite for lunch

1325 URS Back onsite

1332 Begin setting up at MW-32-I.

Initial d DTW is 9.95 ft btoc

1344 Begin Purging at 0.05 gpm. tubing placed at 10 ft btoc

08/5/14 FFF Monitor

Time	DTW (ft)	PH (Su)	Temp (°C)	Cond (ms/cm)	DO (mg/L)	Turb (NTU)	ORP mV	Color/odor Clear/Slight
1628	10.46	3.63	25.02	3012	-0.33	0.48	337.2	Clear/Slight
1631	10.46	3.62	24.66	3006	-0.06	0.32	337.2	
1634	10.46	3.63	24.79	2977	0.15	0.33	335.1	
1637	10.48	3.63	24.62	2974	0.33	0.24	333.2	
1640	10.48	3.63	24.56	2972	0.48	0.16	332.5	
1643	10.48	3.63	24.53	2972	0.43	0.23	332.1	

1646 ✓ Collect well specific 6020A metals from MW-32-I.

1650 Collect DUP-7 from MW-32-I.

1653 Begin cleaning around MW-32-I.

1700 Take waste to Poly tank.

1707 Begin set up at MW-13I.

Initial DTW is 14.74 ft btoc

Initial tubing depth is 17.5

1734 Begin Purging at 0.08 gpm

Time	DTW	PH	Temp	Cond	DO	Turb	ORP	Color Clear/Slight
1757	18.16	6.84	28.14	116	0.67	0.55	173.1	
1802	18.34	6.90	25.61	120	0.50	0.54	164.6	
1807	18.46	6.87	29.60	119	0.58	0.41	163.9	
1812	18.55	6.98	25.62	121	0.62	0.36	153.0	

1815 Collect well specific metals 6020A from MW-13I ✓

1821 Begin Cleaning around MW-13I

1830 URS offsite

08/06/14 FFF Maultrie

0700 URS (D. Hilton, T. Campbell, + B. McKee) Discuss Health + Safety. H+S info in Book 5.

0709 Begin setting up at MW-49S. Initial DTW is 4.48 ft btoc. Initial tubing placed at 28ft btoc.

0736 Begin Purging at 0.06 gpm

0755 Purge water is a Cloudy White and the water column is dropping relatively fast. This well has a history of purging dry at lowest pump setting.

1126 Tubing repositioned to 27 ft btoc.

Time	DTW	pH	Temp	Cond	DO	Turb	ORP
1137	25.71	4.70	27.27	33	3.38	201	253.3
1140	25.81	4.73	27.31	33	3.25	202	291.1
1143	25.96	4.79	27.33	32	3.20	195	248.6

1144 Turbidity is very high. will check tebidity periodically, and attempt to purge 5 well volumes before collecting ~~dissolved~~ Filtered Sample.

1401 tubing repositioned to 31 ft btoc.

08/06/14 FFF Maultrie

Time	DTW	Temp	Cond	DO	Turb	ORP	Color	pH
1417	30.54	28.79	31	3.01	360	184.3	Cloudy	5.20 ~~4.70~~
1420	30.57	28.85	32	3.00	343	195.0	↓	5.11
1423	30.58	28.89	32	3.02	333	202.2	↓	5.12

1426 Collect well specific metals for 6020A analysis. from MW-49S ✓

1429 Collect filtered Sample from MW-49S (MW-49S Dissolved)

1432 Begin cleaning around MW-49S.

1445 Brett McKee and T. Campbell ~~++~~ offsite to the Maultrie-Colquit County library for research on Surrounding Property ownership + land use. Photos will be taken from city directories from the 1940s to ~~1970~~ 1993.

1610 B. McKee + T. Campbell back onsite to Sample MW-TP3S. For Purging + Sampling info, see Book 5.

1731 URS offsite

08/07/14 FFF Multiple

0650 B. McKee onsite. Discuss H+S.
0704 Begin collecting EQ-2
0718 Set up at MW-41S.
Initial DTW is 4.12
Initial tubing placement 6 ft btoc
0729 Begin purging at 0.12 gpm.

Time	pH	Temp	Cond	DO	Turb	ORP	Color/Odor
0913	3.70	24.48	1911	0.07	1.32	384.5	clear/none
0916	3.72	24.50	1910	0.07	3.92	384.2	↓
0919	3.69	24.48	1910	0.07	0.49	383.0	↓

0922 Collect well specific Metals 6020A Sample from MW-41S ✓
0926 Begin Cleaning around MW-41S.
0931 Take Derived waste to Drums.
0945 Begin Setting up at MW-12I & MW-12S.
DTW at MW-12S is 10.55 ft btoc
Initial tubing depth is 15 ft btoc
DTW at MW-12I is 10.54
Initial tubing placement is 35 ft btoc
1019 Begin purging at MW-12S at ~~0.13~~ 0.08 gpm
1045 Begin purging at MW-12I at 0.06 gpm.

08/07/14 FFF Multiple

1100 Begin taking readings at MW-12I

Time	DTW	pH	Temp	Cond	DO	Turb	ORP	Color
1100	10.61	4.11	24.10	433	0.26	8.29	278.6	Clear
1105	↓	4.14	24.32	432	0.21	4.93	278.0	↓
1110		4.14	24.31	431	0.20	4.38	277.6	↓
1115	↓	4.15	24.32	431	0.17	3.47	276.4	↓

1118 Collect well specific metals 6020A from MW-12I ✓
1123 Begin Cleaning around MW-12I and hook up YSI to MW-12S tubing
1133 Move tubing at MW-12S up to 14 ft btoc.

Time	DTW	pH	Temp	Cond	DO	Turb	ORP	Color
1147	12.04	3.27	24.45	9805	1.60	2.74	389.0	clear/slight
1150	12.10	↓	23.52	9718	1.19	1.43	391.4	↓
1153	12.12		23.69	9676	0.81	1.26	394.5	↓
1156	12.13		23.70	9675	0.50	1.25	395.6	↓
1159	12.13	↓	23.65	9673	0.62	0.94	395.8	↓

1159 Begin taking Sample well specific metals 6020A from MW-12S. ✓
1201 Collect DUP-6
1205 Begin Cleaning around MW-12S.
1225 Take Derived waste to Drums.
1235 Offsite for lunch

8/7/14 FFF Moultrie

1300 B. Miller, T. Campbell, + D. Hilton offsite to investigate surrounding Properties.

1330 Back onsite + begin setting up at MW-15S. Initial DTW is 9.64 ft btoc
Initial tubing placement ~~4.64~~ 11.0 ft btoc

Time	DTW	PH	Temp	Cond	DO	Turb	ORP	Color/clar
1540	9.89	3.42	22.76	1797	0.09	1.04	370.0	Clear/non
1543	↓	3.43	22.80	1782	↓	0.39	369.6	↓
1546	↓	3.44	22.61	1768	↓	0.52	368.9	↓

* Note, Purging initiated at 1400.

1549 Collect well specific Metals 6020A Sample from MW-15S. ✓

1552 begin Cleaning around MW-15S.

1600 take Purge water to drums.

1616 begin setting up at MW-7I.
Initial DTW is 9.70
Initial tubing placed at 45ft btoc

1637 Purging initiated at 0.06 gpm

Time	DTW	PH	Temp	Cond	DO	Turb	ORP	Color/clar
1650	10.29	4.04	22.62	947	0.34	2.73	205.3	clear
1655	↓	4.09	22.68	940	0.27	3.01	213.0	clear/slgt
1700	↓	4.15	22.78	930	0.29	2.58	218.2	↓

1703 Collect well specific metals 6020A Sample from MW-7I ✓

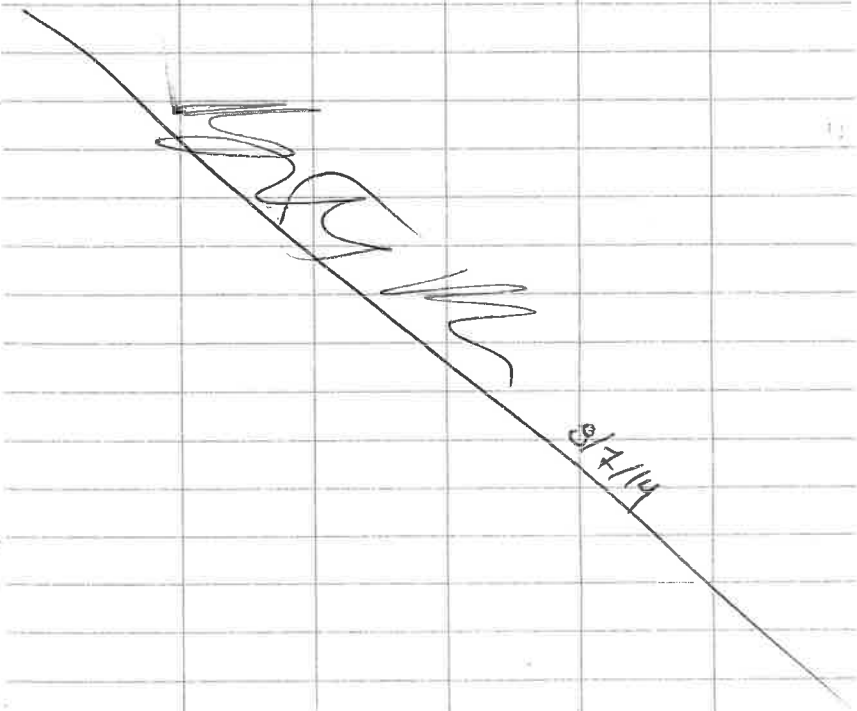
8/7/14 FFF Moultrie

1705 Begin cleaning around MW-7I.

1715 Take purge water to drums

1720 meet with T. Campbell + D. Hilton by drums and help transfer water from temporary holding in poly tank to 55 gal drums.

1750 URS offsite



8/8/14 FFF Moultrie

0730 URS (D. Hilton, T. Campbell, + B. Mulke) onsite. Discuss H&S H&S info in book 5.

0740 Begin setting up at MW-30S. Initial DTW is 11.83. Tubing placed at 14 ft btoc.

0800 Begin purging at 0.05 gpm.

0835 Increase purge rate to 0.075 gpm. tubing repositioned to 15 ft btoc. total of 1.75 gallons purged.

1103 total of 12.85 gallons purged, begin taking readings

Time	DTW	PH	Temp	Cond	DO	Turb	ORP	Color/odor
1103	13.33	4.05	23.57	495	1.08	0.19	296.9	clear/n
1106	↓	4.04	23.40	496	1.08	0.13	296.7	↓
1109	↓	4.04	23.44	496	1.02	0.12	296.6	↓

1114 Collect well specific metals sample from MW-30S ✓

1116 Begin cleaning around MW-30S

1120 take purge water to 55 gallon drums.

1200 Verify equipment

1230 Begin sealing drums and finish emptying poly tank into 55 gal drums

8/8/14 FFF Moultrie

1330 URS offsite.

8/8/14

8/11/14 FFF Moultrie

0900 URS onsite. Discuss HTS.
HTS Info in Book 5.

0925 Begin calibrating YSI + HACH turbidity meter.

0930 YSI almost out of BM ~~batteries~~ batteries. ~~Need~~ BM need to run to ACE hardware and get a Phillips screw driver to change batteries.

1025 Begin setting up at MW-21S.
MW-21S needs to be resampled since only 1 well volume was purged on 08/05/14. Initial DTW is 4.22 ft btoc
Initial tubing placement at 10ft btoc

1050 Begin purging at 0.06 gpm

1104 Expected draw down. tubing repositioned at 11 ft btoc.

1152 Purge rate increased to 0.07gpm + tubing repositioned to 9ft btoc
3.72 gallons purged

Time	DTW	PH	Temp	Cond	DO	Turb	ORP	Color/odor
1247	7.22	6.73	25.91	3218	0.22	1.83	-69.1	Clear/[illegible]
1250		6.75	25.92	3223	0.22	1.73	-70.4	
1253		6.74	25.12	~~32~~ 3223	0.23	1.63	-71.3	

08/11/14 FFF Moultrie

1256 Collect well specific metals
Sample to be analyzed by 6020A from MW-21S ✓

1258 Begin cleaning around MW-21S

1315 take purge water to 55 gal holding drums.

1325 Offsite for lunch

1351 Back onsite, begin setting up around MW-28S.
DTW = 12.32
tubing placement 15ft btoc

1418 Begin purging at 0.09

Time	DTW	PH	Temp	Cond	DO	Turb	ORP	Color/odor
1532	13.91	4.11	27.13	1303	0.15	6.99	272.1	clear/slight
1535	↓	4.13	27.15	1305	0.13	5.68	267.1	↓
1538	↓	4.14	27.01	1309	0.12	4.34	263.8	↓

1541 Collect Sample from MW-28S ✓

1543 Begin cleaning around MW-28S + take ~~wells~~ BM purge water to 55 gal tanks

1557 Begin setting up at MW-45S
DTW = 9.79
Initial tubing placed at 12 ft btoc.

1616 Begin purging at 0.07 gpm.

1631 tubing repositioned to 13 ft btoc.

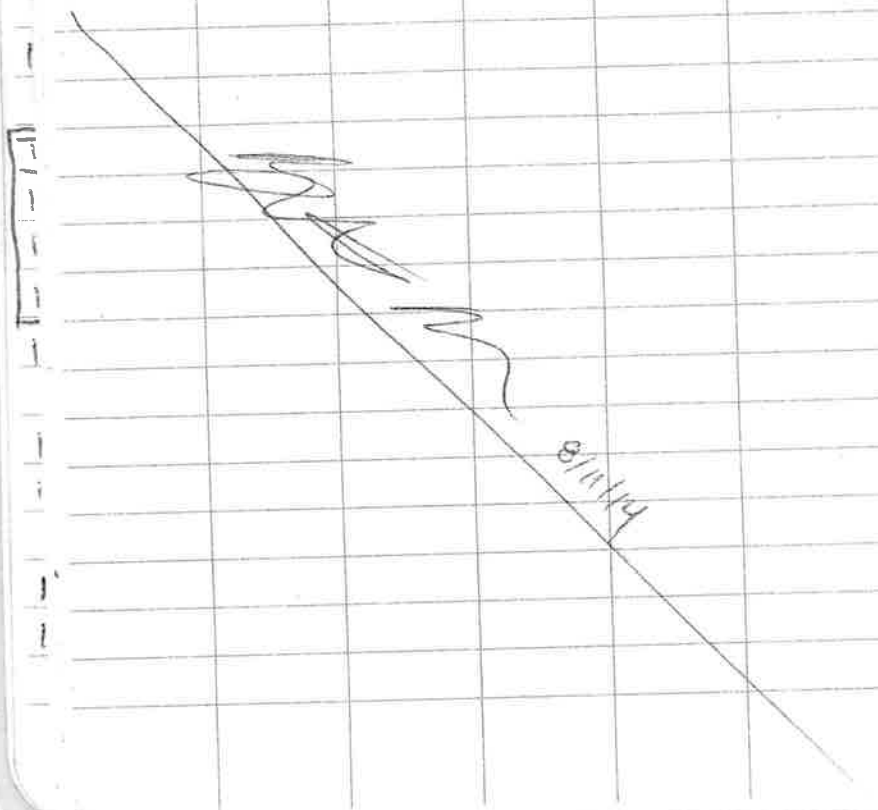
1638 Purge rate reduced to 0.06gpm

(14)

8/11/14 FFF MonWrite

Time	DTW	PH	Temp	Cond	DO	Turb	ORP	Color/Odor
1757	11.99	6.91	~~26.05~~ 26.07	8272	0.07	3.96	-152.6	Clear/Str
1800		6.92	25.65	8277	0.07	3.83	-152.7	
1803		6.92	26.03	8271	0.07	3.37	-161.6	
1806		6.92	26.23	8264	0.07	3.14	-153.3	

1808 collect Sample from MW-455 ✓
1811 Begin cleaning around MW-455
1820 twice Purge water to 55 gal drums.
1825 Site secure, URS offsite



(15)

8/12/14 FFF MonWrite

0735 URS (B. Miller + J. Campbell) onsite.
H+S Discussion in Book 5
0747 Verify YSI + Turbidity meter.
0758 Begin Setting up at MW-315.
DTW = 11.66 ft btoc
Tubing placed at 33 ft btoc
0824 Begin purging at 0.06 gpm
1047 Water appears to be changing from clear to cloudy. turbidity reading at 11.6 NTU. Reduce purge rate to 0.04 gpm a total of 8.58 gallons purged.
DTW = 24.33
tubing raised to 28 ft btoc
1244 Turbidity has continued to increase despite reducing purge rate

Time	DTW	PH	Temp	Cond	DO	Turb	ORP	Color/Odor
1253	25.53	4.80	29.70	49	3.16	42.1	319.3	cloudy/N
1256	25.96	4.76	29.64	50	3.15	43.0	315.9	
1259	25.57	4.75	29.53	50	2.99	316.3	40.6	

1300 unable to bring turbidity under 10 NTU at a low flow rate. Will need to purge 5 well volumes + collect an unfiltered + filtered sample.

8/12/14 FFF Monitoring

1308 tubing repositioned at 37 ft btoc and purge rate increased to 0.06 gpm 14.22 gallons purged

1447 Purge rate increased to 0.07 gpm 20.16 gallons purged

~~1447~~ 1003 Water no longer purging from well. Well may have been Shallower than previously described

1504 well purged dry. 21.35 gallons

~~1404~~ purged.

1509

~~1509~~ tubing was inadvertently placed deeper than 37 ft btoc well depth is 39.94 ft btoc. Will need to collect a grab sample when enough water recharges into

1510 well.

~~1410~~ begin cleaning around MW-315.

~~1420~~ 1520 Dispose of purge water at 55 gal drums.

1525

~~1425~~ Check in with Gray Tire Serv. to see if someone can open gate in the AM morning

1537

~~1437~~ Begin setting up at ~~MW~~ FFF-2I and FFF-2-R

DTW at FFFW-2-R is 17.80 tubing placed at 19 ft btoc.

8/12/14 FFF Monitoring

1507

~~1457~~ Begin purging at ~~0.09 gpm~~ DM 0.08 gpm

~~1707~~ Begin setting up at FFFW-2I

1607 DTW = 10.29 ft btoc

~~1621~~ Tubing placed at 47 ft btoc.

~~1727~~ Begin purging FFFW-2I at 0.08 gpm

Time	DTW	PH	Temp	Cond	DO	Turb	ORP	Color
~~1740~~ 1640	18.53	5.18	24.56	315	6.16	2.02	133.1	clear/N
~~1745~~ 1645	18.53	5.11	23.91	333	1.53	6.28	145.0	
~~1750~~ 1650	18.53	5.12	24.16	342	1.37	5.80	147.8	
~~1755~~ 1655	18.53	5.19	24.02	349	1.35	5.15	148.8	

~~1757~~ 1657 Collect Sample from FFFW-2-I ✓

1710 Collect readings from ~~MW~~ FFFW-2R

Time	DTW	PH	Temp	Cond	DO	Turb	ORP	Color/N
~~1710~~ 1710	17.82	4.09	25.34	2655	0.27	1.51	268.6	Clear
1713	↓	4.07	25.40	2687	0.22	0.72	273	
~~1716~~ 1716	↓	4.06	25.45	2769	0.21	1.03	238.6	↓

~~1721~~ Begin Cleaning around FF ~~MW~~ DM

1719 Collect Sample from FFFW-2-R ✓

1721 Begin Cleaning around FFF-2-R and FFF-2-I.

1735 Take purge water to 55 gal drums.

1740 Close drums and put equipment away

1750 B. McKee offsite. Site secure

8/12/14

(18)

8/13/14 FFF Monthly

0730 T. Campbell & B. Miller onsite for Groundwater Sampling. H+S in Book 5

0740 help Trevor set up at his remaining wells because he was out of tubing

0758 Begin verifying YSI & Turbidimeter

0820 verification complete. Begin set up at MW-48S.

DTW = 13.13

Tubing placed at 16 ft btoc

0843 Begin purging at 0.10 gpm

0925 Tubing repositioned to 15ft btoc.

Time	DTW	PH	Temp	Cond	DO	Turb	ORP	Color/odor
1005	13.64	3.15	22.60	618	0.09	0.33	553.9	clear/S
1008	↓	3.95	22.57	618	0.08	0.63	544	
1011	↓	3.95	22.49	620	0.10	0.59	557.2	↓

1015 Collect sample from MW-48S ✓

1017 Begin cleaning around MW-48S

1023 Set up at MW-31S for grab sample

DTW = 14.19

tubing at 17ft btoc.

Time	DTW	PH	Temp	Cond	DO	Turb	ORP	Color/Od
1037	19.45	4.99	27.98	42	4.68	189	168.6	cloudy/N

1039 Collect sample from MW-31S

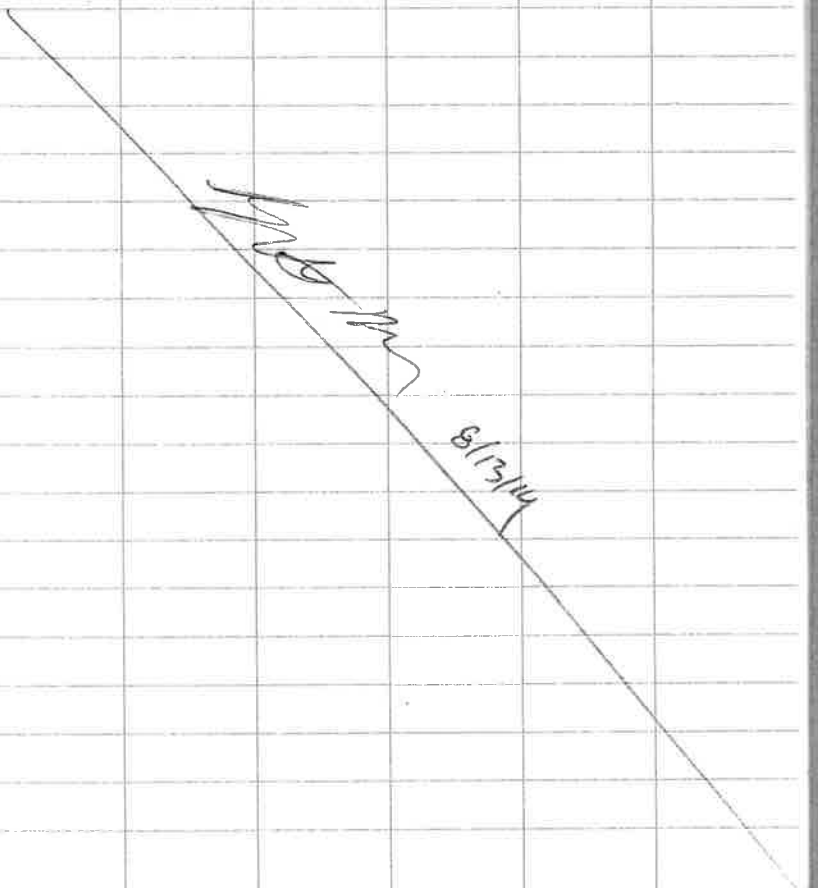
1041 collect Dissolved sample from MW-31S

(19)

8/13/14 FFF Monthly

1045 Begin cleaning around MW-31S. and dispose of purge water in 55 gal drums 2 drums remain empty. will take them back to the office. will verify at office

1103 Site Secure, URS offsite



APPENDIX C

After Recording Return to:

PCS Joint Venture, Ltd.
c/o Judith George, Esq.
PCS Administration (USA), Inc.
Legal Department
1101 Skokie Blvd, Suite 400
Northbrook, IL 60062

Environmental Covenant

This instrument is an Environmental Covenant executed pursuant to the Georgia Uniform Environmental Covenants Act, OCGA § 44-16-1, *et seq.* This Environmental Covenant subjects the Property identified below to the activity and/or use limitations specified in this document. The effective date of this Environmental Covenant shall be the date upon which the fully executed Environmental Covenant has been recorded in accordance with OCGA § 44-16-8(a).

Fee Owner of Property/Grantor:	R.W. Griffin Terminal Services, LLC P.O. Box 1350 Douglas, GA 31534
Grantee/Holder:	PCS Joint Venture, Ltd. c/o Judith George, Esq. PCS Administration (USA), Inc. Legal Department 1101 Skokie Blvd, Suite 400 Northbrook, IL 60062
Grantee/Entity with express power to enforce:	State of Georgia Department of Natural Resources Environmental Protection Division 2 Martin Luther King Jr. Drive, SE Suite 1456 East Tower Atlanta, GA 30334

Property:

The property subject to this Environmental Covenant is part of the Farmers Favorite Fertilizer Site, HSI Site No. 10259 (hereinafter "Property"), located at 315 4th Street, Moultrie, Colquitt County, Georgia. This tract of land was conveyed on April 27, 2007 from PCS Joint Venture, Ltd to R.W. Griffin Terminal Services, LLC recorded in Deed Book 0960, Page 0450, Colquitt County Records. The area is located in Land Lot 262 of the 8th District of Colquitt County, Georgia. The combined acreage of the parcels is approximately 15.8 acres. A complete legal description of the area is attached as Exhibit A and a map of the area is attached as Exhibit B.

Tax Parcel Number(s):

Tax Parcel IDs (Colquitt County, Georgia): M034-001, M023-199, M024-215, M024-214

Name and Location of Administrative Records:

The corrective action at the Property that is the subject of this Environmental Covenant is described in the following documents:

- Voluntary Investigation and Remediation Plan and Voluntary Remediation Program Application, HSI #10259 (dated December 15, 2011) and revisions thereto
- Final Compliance Status Report

These documents are available at the following locations:

Georgia Environmental Protection Division
Response and Remediation Program
2 MLK Jr. Drive, SE, Suite 1054 East Tower
Atlanta, GA 30334
M-F 8:00 AM to 4:30 PM excluding state holidays

Description of Contamination and Corrective Action:

This Property has been listed on the state's hazardous site inventory due to a release of a regulated substance and has been designated as needing corrective action in accordance with the Rules for Hazardous Site Response. Contact the Grantee or the Georgia Environmental Protection Division for further information concerning this Property. This notice is provided in compliance with the Georgia Hazardous Site Response Act.

This Declaration of Covenant is made pursuant to the Georgia Uniform Environmental Covenants Act, O.C.G.A. § 44-16-1 *et seq*. by R.W. Griffin Terminal Services, LLC, its successors and assigns, PCS Joint Venture, Ltd, its successors and assigns, and the State of Georgia, Department of Natural Resources, Environmental Protection Division (hereinafter "EPD"), its successors and assigns. This Environmental Covenant is required because a release of the following "regulated substances", as defined under the Georgia Hazardous Site Response Act, O.C.G.A. § 12-8-90 *et seq.*, and the rules promulgated thereunder (hereinafter "HSRA" and "Rules", respectively), occurred on the Property: antimony, arsenic, barium, beryllium,

cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, silver, thallium and zinc. The Corrective Action consists of institutional controls that will limit use to non-residential activities and will limit use of groundwater for drinking water purposes to protect human health and the environment.

Grantor, R.W. Griffin Terminal Services, LLC (hereinafter "Griffin" or "Grantor"), hereby binds Grantor, its successors and assigns to the activity and use restriction(s) for the Property identified herein and grants such other rights under this Environmental Covenant in favor of the PCS Joint Venture, Ltd ("PCS JV" or "Holder") and EPD. EPD shall have full right of enforcement of the rights conveyed under this Environmental Covenant pursuant to HSRA, O.C.G.A. § 12-8-90 *et seq*., and the rules promulgated thereunder. Failure to timely enforce compliance with this Environmental Covenant or the use or activity limitations contained herein by any person shall not bar subsequent enforcement by such person and shall not be deemed a waiver of the person's right to take action to enforce any non-compliance. Nothing in this Environmental Covenant shall restrict EPD from excising any authority under applicable law.

Griffin makes the following declaration as to limitations, restrictions, and uses to which the Property may be put and specifies that such declarations shall constitute covenants to run with the land, pursuant to O.C.G.A. § 44-16-5(a); is perpetual, unless modified or terminated pursuant to the terms of this Covenant pursuant to O.C.G.A. § 44-16-9; and shall be binding on all parties and all persons claiming under them, including all current and future owners of any portion of or interest in the Property (hereinafter "Owner"). Should a transfer or sale of the Property occur before such time as this Environmental Covenant has been amended or revoked then said Environmental Covenant shall be binding on the transferee(s) or purchaser(s).

The Environmental Covenant shall inure to the benefit of PCS JV, EPD, and Griffin and their respective successors and assigns and shall be enforceable by the Director or his agents or assigns, PCS JV or its successors and assigns, Griffin or its successors and assigns, and other party(ies) as provided for in O.C.G.A. § 44-16-11 in a court of competent jurisdiction.

Activity and/or Use Limitation(s)

1. Registry. Pursuant to O.C.G.A. § 44-16-12, this Environmental Covenant and any amendment or termination thereof, may be contained in EPD's registry for environmental covenants.

2. Notice. The Owner of the Property must give thirty (30) day advance written notice to EPD of the Owner's intent to convey any interest in the Property. No conveyance of title, easement, lease, or other interest in the Property shall be consummated by the Owner without adequate and complete provision for continued compliance with this Covenant.

3. Notice of Limitation in Future Conveyances. Each instrument hereafter conveying an interest in the Property subject to this Environmental Covenant shall contain a notice of the activity and use limitations set forth in this Environmental Covenant and shall provide the recorded location of the Environmental Covenant.

4. Activity and Use Limitation(s). The Property shall be used only for non-residential uses, as defined in Section 391-3-19-.02 of the Rules and defined in and allowed under the Colquitt

County's zoning regulations as of the date of this Environmental Covenant. Any residential use on the Property shall be prohibited. Any activity on the Property that may result in the release or exposure to the regulated substances that were contained as part of the Corrective Action, or create a new exposure pathway, is prohibited.

5. Groundwater Limitation. The use or extraction of groundwater beneath the Property for drinking water or for any other non-remedial purposes shall be prohibited.

6. Right of Access. In addition to any rights already possessed by EPD and/or PCS JV, the Owner shall allow authorized representatives of EPD and/or PCS JV the right to enter the Property at reasonable times for the purpose of evaluating compliance with this Environmental Covenant, and to inspect records that are related to the Environmental Covenant.

7. Recording of Environmental Covenant and Proof of Notification. Within thirty (30) days after the date of the Director's signature, the Grantee/Holder, on behalf of the Owner, shall file this Environmental Covenant with the Recorders of Deeds for each County in which the Property is located, and send a file stamped copy of this Environmental Covenant to EPD within thirty (30) days of recording. Within that time period, the Grantee/Holder shall also send a file-stamped copy to each of the following: (1) PCS JV, (2) each person holding a recorded interest in the Property subject to the covenant, (3) each person in possession of the real property subject to the covenant, (4) each municipality, county, consolidated government, or other unit of local government in which real property subject to the covenant is located, and (5) each owner in fee simple whose property abuts the property subject to the Environmental Covenant.

8. Termination or Modification. The Environmental Covenant shall remain in full force and effect in accordance with O.C.G.A. § 44-5-60, unless and until the Director determines that the Property is in compliance with the Type 1, 2, 3, or 4 Risk Reduction Standards, as defined in Georgia Rules of Hazardous Site Response (Rules) Section 391-3-19-.07 and removes the Property from the Hazardous Site Inventory, whereupon the Environmental Covenant may be amended or revoked in accordance with Section 391-3-19-08(7) of the Rules and O.C.G.A. § 44-16-1 *et seq*.

9. Severability. If any provision of this Environmental Covenant is found to be unenforceable in any respect, the validity, legality, and enforceability of the remaining provisions shall not in any way be affected or impaired.

10. No Property Interest Created in EPD. This Environmental Covenant does not in any way create any interest by EPD in the Property that is subject to the Environmental Covenant. Furthermore, the act of approving this Environmental Covenant does not in any way create any interest by EPD in the Property in accordance with O.C.G.A. § 44-16-3(b).

Representations and Warranties.

Grantor hereby represents and warrants to the other signatories hereto:

a) That the Grantor has the power and authority to enter into this Environmental Covenant, to grant the rights and interests herein provided and to carry out all obligations hereunder;
b) That the Grantor is the sole owner of the Property and holds fee simple title which is free, clear and unencumbered, subject to any and all matters of record;

c) That the Grantor has identified all other parties that hold any interest (e.g., encumbrance) in the Property and notified such parties of the Grantor's intention to enter into this Environmental Covenant;
d) That this Environmental Covenant will not materially violate, contravene, or constitute a material default under any other agreement, document or instrument to which Grantor is a party, by which Grantor may be bound or affected;
e) That the Grantor has served each of the people or entities referenced in Activity 7 above with an identical copy of this Environmental Covenant in accordance with O.C.G.A. § 44-16-4(d).
f) That this Environmental Covenant will not materially violate or contravene any zoning law or other law regulating use of the Property; and
g) That this Environmental Covenant does not authorize a use of the Property that is otherwise prohibited by a recorded instrument that has priority over the Environmental Covenant.

Notices.

Any document or communication required to be sent pursuant to the terms of this Environmental Covenant shall be sent to the following persons:

Georgia Environmental Protection Division
Branch Chief
Land Protection Branch
2 Martin Luther King Jr. Drive SE
Suite 1054 East Tower
Atlanta, GA 30334

PCS Joint Venture, Ltd.
c/o Judith George, Esq.
PCS Administration (USA), Inc.
Legal Department
101 Skokie Blvd, Suite 400
Northbrook, IL 60062

With a copy to:
R.W. Griffin Terminal Services, LLC
P.O. Box 1350
Douglas, GA 31534

Miscellaneous.

This Environmental Covenant may be executed in several counterparts, which shall constitute one and the same instrument.

[Signatures Follow on Next Page]

Grantor, Holder and EPD have caused this Environmental Covenant to be executed pursuant to The Georgia Uniform Environmental Covenants Act, on the _____ day of _____, 2014.

Signed, sealed and delivered in the presence of:

_____
Unofficial Witness

_____
Notary Public

My Commission Expires:

_____

(NOTARIAL SEAL)

GRANTOR

R.W. GRIFFIN TERMINAL SERVICES, LLC, a Georgia limited liability company

_____
Name: _____
Title: _____

[Signatures Continue on Next Page]

Signed, sealed and delivered in the presence of:

_____
Unofficial Witness

_____
Notary Public

My Commission Expires:

_____

(NOTARIAL SEAL)

HOLDER

PCS JOINT VENTURE, LTD., a Florida limited partnership

_____
Name: Paul E. DeKok
Title: President, Potash Corporation of Saskatchewan (Florida) Inc. (on behalf of and as General Partner of PCS Joint Venture, Ltd.)

[Signatures Continue on Next Page]

Signed, sealed and delivered in
the presence of:

_____
Unofficial Witness

_____
Notary Public

My Commission Expires:

_____

(NOTARIAL SEAL)

EPD

**STATE OF GEORGIA,
DEPARTMENT OF NATURAL
RESOURCES,
ENVIRONMENTAL PROTECTION
DIVISION**

_____
Name: _____
Title: _____

After Recording Return to:

PCS Joint Venture, Ltd.
c/o Judith George, Esq.
PCS Administration (USA), Inc.
Legal Department
1101 Skokie Blvd, Suite 400
Northbrook, IL 60062

Environmental Covenant

This instrument is an Environmental Covenant executed pursuant to the Georgia Uniform Environmental Covenants Act, OCGA § 44-16-1, *et seq.* This Environmental Covenant subjects the Property identified below to the activity and/or use limitations specified in this document. The effective date of this Environmental Covenant shall be the date upon which the fully executed Environmental Covenant has been recorded in accordance with OCGA § 44-16-8(a).

Fee Owner of Property/Grantor:	PCS Joint Venture, Ltd. c/o Judith George, Esq. PCS Administration (USA), Inc. Legal Department 1101 Skokie Blvd, Suite 400 Northbrook, IL 60062
Grantee/Holder:	PCS Joint Venture, Ltd. c/o Judith George, Esq. PCS Administration (USA), Inc. Legal Department 1101 Skokie Blvd, Suite 400 Northbrook, IL 60062
Grantee/Entity with express power to enforce:	State of Georgia Department of Natural Resources Environmental Protection Division 2 Martin Luther King Jr. Drive, SE

Suite 1456 East Tower
Atlanta, GA 30334

Property:

The property subject to this Environmental Covenant is part of the Farmers Favorite Fertilizer Site, HSI Site No. 10259 (hereinafter "Property"), located at 4th Street and 6th Street, Moultrie, Colquitt County, Georgia. The parcel identified as M033-032 was conveyed on February 23, 1999 from the Matthews to PCS Joint Venture, Ltd, recorded in Deed Book 642, Pages 218 and 220, Colquitt County Records. The parcel identified as M033-033 was conveyed on January 15, 1992 from Florida Favorite Fertilizer, Inc. to PCS Joint Venture, Ltd, recorded in Deed Book 458, Page 576, Colquitt County Records. The parcel identified as M033-034 was conveyed on July 14, 1992 from Dan Gay to PCS Joint Venture, Ltd, recorded in Deed Book 656, Page 412, Colquitt County Records. The area is located in Land Lot 262 of the 8th District of Colquitt County, Georgia. The combined acreage of the parcels is approximately 4 acres. A complete legal description of the area is attached as Exhibit A and a map of the area is attached as Exhibit B.

Tax Parcel Number(s):

Tax Parcel IDs (Colquitt County, Georgia): M033-032, M033-033, and M033-034

Name and Location of Administrative Records:

The corrective action at the Property that is the subject of this Environmental Covenant is described in the following documents:

- Voluntary Investigation and Remediation Plan and Voluntary Remediation Program Application, HSI #10259 (dated December 15, 2011) and revisions thereto
- Final Compliance Status Report

These documents are available at the following locations:

Georgia Environmental Protection Division
Response and Remediation Program
2 MLK Jr. Drive, SE, Suite 1054 East Tower
Atlanta, GA 30334
M-F 8:00 AM to 4:30 PM excluding state holidays

Description of Contamination and Corrective Action:

This Property has been listed on the state's hazardous site inventory due to a release of a regulated substance and has been designated as needing corrective action in accordance with the Rules for Hazardous Site Response. Contact the Grantee or the Georgia Environmental Protection Division for further information concerning this Property. This notice is provided in compliance with the Georgia Hazardous Site Response Act.

This Declaration of Covenant is made pursuant to the Georgia Uniform Environmental Covenants Act, O.C.G.A. § 44-16-1 *et seq*. by PCS Joint Venture, Ltd, its successors and assigns, and the State of Georgia, Department of Natural Resources, Environmental Protection Division (hereinafter "EPD"), its successors and assigns. This Environmental Covenant is required because a release of the following "regulated substances", as defined under the Georgia Hazardous Site Response Act, O.C.G.A. § 12-8-90 *et seq.*, and the rules promulgated thereunder (hereinafter "HSRA" and "Rules", respectively), occurred on the Property: antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, silver, thallium and zinc. The Corrective Action consists of institutional controls that will limit use to non-residential activities and will limit use of groundwater for drinking water purposes to protect human health and the environment.

Grantor, PCS Joint Venture, Ltd (hereinafter "PCS JV" or "Grantor"), hereby binds Grantor, its successors and assigns to the activity and use restriction(s) for the Property identified herein and grants such other rights under this Environmental Covenant in favor of EPD. EPD shall have full right of enforcement of the rights conveyed under this Environmental Covenant pursuant to HSRA, O.C.G.A. § 12-8-90 *et seq*., and the rules promulgated thereunder. Failure to timely enforce compliance with this Environmental Covenant or the use or activity limitations contained herein by any person shall not bar subsequent enforcement by such person and shall not be deemed a waiver of the person's right to take action to enforce any non-compliance. Nothing in this Environmental Covenant shall restrict EPD from excising any authority under applicable law.

Grantor makes the following declaration as to limitations, restrictions, and uses to which the Property may be put and specifies that such declarations shall constitute covenants to run with the land, pursuant to O.C.G.A. § 44-16-5(a); is perpetual, unless modified or terminated pursuant to the terms of this Covenant pursuant to O.C.G.A. § 44-16-9; and shall be binding on all parties and all persons claiming under them, including all current and future owners of any portion of or interest in the Property (hereinafter "Owner"). Should a transfer or sale of the Property occur before such time as this Environmental Covenant has been amended or revoked then said Environmental Covenant shall be binding on the transferee(s) or purchaser(s).

The Environmental Covenant shall inure to the benefit of PCS JV and EPD, and their respective successors and assigns and shall be enforceable by the Director or his agents or assigns, PCS JV or its successors and assigns, and other party(ies) as provided for in O.C.G.A. § 44-16-11 in a court of competent jurisdiction.

Activity and/or Use Limitation(s)

1. Registry. Pursuant to O.C.G.A. § 44-16-12, this Environmental Covenant and any amendment or termination thereof, may be contained in EPD's registry for environmental covenants.

2. Notice. The Owner of the Property must give thirty (30) day advance written notice to EPD of the Owner's intent to convey any interest in the Property. No conveyance of title,

easement, lease, or other interest in the Property shall be consummated by the Owner without adequate and complete provision for continued compliance with this Covenant.

3. Notice of Limitation in Future Conveyances. Each instrument hereafter conveying an interest in the Property subject to this Environmental Covenant shall contain a notice of the activity and use limitations set forth in this Environmental Covenant and shall provide the recorded location of the Environmental Covenant.

4. Activity and Use Limitation(s). The Property shall be used only for non-residential uses, as defined in Section 391-3-19-.02 of the Rules and defined in and allowed under the Colquitt County's zoning regulations as of the date of this Environmental Covenant. Any residential use on the Property shall be prohibited. Any activity on the Property that may result in the release or exposure to the regulated substances that were contained as part of the Corrective Action, or create a new exposure pathway, is prohibited.

5. Groundwater Limitation. The use or extraction of groundwater beneath the Property for drinking water or for any other non-remedial purposes shall be prohibited.

6. Right of Access. In addition to any rights already possessed by EPD and/or PCS JV, the Owner shall allow authorized representatives of EPD the right to enter the Property at reasonable times for the purpose of evaluating compliance with this Environmental Covenant, and to inspect records that are related to the Environmental Covenant.

7. Recording of Environmental Covenant and Proof of Notification. Within thirty (30) days after the date of the Director's signature, the Owner shall file this Environmental Covenant with the Recorders of Deeds for each County in which the Property is located, and send a file stamped copy of this Environmental Covenant to EPD within thirty (30) days of recording. Within that time period, the Owner shall also send a file-stamped copy to each of the following: (1) each person holding a recorded interest in the Property subject to the covenant, (2) each person in possession of the real property subject to the covenant, (3) each municipality, county, consolidated government, or other unit of local government in which real property subject to the covenant is located, and (4) each owner in fee simple whose property abuts the property subject to the Environmental Covenant.

8. Termination or Modification. The Environmental Covenant shall remain in full force and effect in accordance with O.C.G.A. § 44-5-60, unless and until the Director determines that the Property is in compliance with the Type 1, 2, 3, or 4 Risk Reduction Standards, as defined in Georgia Rules of Hazardous Site Response (Rules) Section 391-3-19-.07 and removes the Property from the Hazardous Site Inventory, whereupon the Environmental Covenant may be amended or revoked in accordance with Section 391-3-19-08(7) of the Rules and O.C.G.A. § 44-16-1 *et seq*.

9. Severability. If any provision of this Environmental Covenant is found to be unenforceable in any respect, the validity, legality, and enforceability of the remaining provisions shall not in any way be affected or impaired.

10. No Property Interest Created in EPD. This Environmental Covenant does not in any way create any interest by EPD in the Property that is subject to the Environmental Covenant. Furthermore, the act of approving this Environmental Covenant does not in any way create any interest by EPD in the Property in accordance with O.C.G.A. § 44-16-3(b).

Representations and Warranties.

Grantor hereby represents and warrants to the other signatories hereto:

a) That the Grantor has the power and authority to enter into this Environmental Covenant, to grant the rights and interests herein provided and to carry out all obligations hereunder;
b) That the Grantor is the sole owner of the Property and holds fee simple title which is free, clear and unencumbered, subject to any and all matters of record;
c) That the Grantor has identified all other parties that hold any interest (e.g., encumbrance) in the Property and notified such parties of the Grantor's intention to enter into this Environmental Covenant;
d) That this Environmental Covenant will not materially violate, contravene, or constitute a material default under any other agreement, document or instrument to which Grantor is a party, by which Grantor may be bound or affected;
e) That the Grantor has served each of the people or entities referenced in Activity 7 above with an identical copy of this Environmental Covenant in accordance with O.C.G.A. § 44-16-4(d).
f) That this Environmental Covenant will not materially violate or contravene any zoning law or other law regulating use of the Property; and
g) That this Environmental Covenant does not authorize a use of the Property that is otherwise prohibited by a recorded instrument that has priority over the Environmental Covenant.

Notices.

Any document or communication required to be sent pursuant to the terms of this Environmental Covenant shall be sent to the following persons:

Georgia Environmental Protection Division
Branch Chief
Land Protection Branch
2 Martin Luther King Jr. Drive SE
Suite 1054 East Tower
Atlanta, GA 30334

PCS Joint Venture, Ltd.
c/o Judith George, Esq.
PCS Administration (USA), Inc.
Legal Department
101 Skokie Blvd, Suite 400
Northbrook, IL 60062

Miscellaneous.

This Environmental Covenant may be executed in several counterparts, which shall constitute one and the same instrument.

[Signatures Follow on Next Page]

Grantor, Holder and EPD have caused this Environmental Covenant to be executed pursuant to The Georgia Uniform Environmental Covenants Act, on the _____ day of _____, 2014.

Signed, sealed and delivered in the presence of:

_____
Unofficial Witness

_____
Notary Public

My Commission Expires:

_____

(NOTARIAL SEAL)

GRANTOR/HOLDER

PCS JOINT VENTURE, LTD., a Florida limited partnership

_____
Name: Paul E. DeKok
Title: President, Potash Corporation of Saskatchewan (Florida) Inc. (on behalf of and as General Partner of PCS Joint Venture, Ltd.)

[Signatures Continue on Next Page]

Signed, sealed and delivered in
the presence of:

_____
Unofficial Witness

_____
Notary Public

My Commission Expires:

_____

(NOTARIAL SEAL)

EPD

**STATE OF GEORGIA,
DEPARTMENT OF NATURAL
RESOURCES,
ENVIRONMENTAL PROTECTION
DIVISION**

_____
Name: _____
Title: _____

APPENDIX D

COPY

Georgia Department of Natural Resources
2 Martin Luther King Jr. Drive, SE, Suite 1462 East. Atlanta, Georgia 30334
Chris Clark, Commissioner
Environmental Protection Division
Carol A. Couch, Ph.D., Director
Hazardous Waste Management Branch
404-657-8600

May 29,2009

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
Mr. William A. Schimming
PCS Potash Company
1101 Skokie Boulevard, Suite 400
Northbrook, Illinois 60062

Golder Associates Inc.
Jacksonville
JUN 01 2009
RECEIVED

Subject: Corrective Action for Soil Response Letter
Farmers Favorite Fertilizer
Moultrie, Colquitt County, Georgia
HSI Number: 10259

Dear Mr. Schimming:

The Georgia Environmental Protection Division (EPD) has reviewed the March 2, 2009 letter that addresses EPD comments on the Corrective Action for Soil Report. EPD has the following response to the March 2, 2009 letter.

1) EPD approves groundwater monitoring of arsenic at MW-36S and MW-5(S)-5, to demonstrate that arsenic concentrations left in place at SS-17 are protective of groundwater. EPD defers determination of soil compliance until adequate groundwater data has been collected.

2) The sample at SS-21 was collected from surface soil, therefore, soil concentrations must meet the criteria of Section 391-3-19-.07(8)(d)2 of the Rules for Hazardous Sites Reponse. For arsenic, this value is 38 mg/kg for a Type 3 or Type 4. EPD recommends that PCS collect additional surface soil samples around the locaiton of historical soil sample SS-21 to verify the concentration of arsenic in surface soil in that area.

3) PCS has left 1,600 mg/kg of lead in soil at soil sample location G-3+30 feet @ 5 ft, which is above the approved Type 4 soil RRS of 1,303 mg/kg. Based on information provided in the March 2, 2009 letter report, MW-7(S)-R is located in the general viscinity of this soil sample location lead concentrations in groundwater were reported below the detection limit during the 2006 monitoring event. Please continue to monitor lead concentrations at this well to evaluate if the concentration of lead left in place is protective of groundwater. Additionally, EPD recommends PCS remove soil exceeding RRS, when the City of Moultrie replaces the terracotta sewer line. EPD encourages PCS to inform the City of Moultrie about the soil contamination around the terracotta and ask if a replacement line is schedule in the near future.

Comments above must be addressed during implementation of the Groundwater Monitoring Plan. If you have any questions or comments, please contact Katie Ross of the Hazardous Sites Response Program at 404-657-8600.

Sincerely,

David Reuland
Unit Coordinator
Hazardous Site Response Program

c: James P. Oliveros

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Georgia Department of Natural Resources

2 Martin Luther King, Jr. Dr. S.E., Suite 1462 East, Atlanta, Georgia 30334
Mark Williams, Commissioner
Environmental Protection Division
Judson H. Turner, Director
Land Protection Branch
Mark Smith, Branch Chief

Reply To:
Response and Remediation Program
2 Martin Luther King, Jr. Drive, S.E.
Suite 1462, East Tower
Atlanta, Georgia 30334-9000
Office 404/657-8600 Fax 404-657-0807

March 9, 2012

VIA E-MAIL AND REGULAR MAIL

Michael Brom, Director Environment
PCS Joint Venture, Ltd.
1101 Skokie Blvd, Suite 400
Northbrook, IL 60062

Re: Voluntary Remediation Plan Application, December 9, 2011
Farmer's Favorite Fertilizer, HSI Site No. 10259
315 4th Avenue
Moultrie, Colquitt County, Georgia
Tax Parcels M033-033, M034-001, M023-199, M033-032, M033-034, N024-215, and M024-214

Dear Mr. Brom:

The Georgia Environmental Protection Division (EPD) has reviewed the Voluntary Investigation and Remediation Plan (VIRP) that has been submitted pursuant to the Georgia Voluntary Remediation Program Act (Act) O.C.G.A. §12-8-100 et seq. EPD has noted the following deficiencies:

1. The HSI number on the application is incorrectly stated as 10254. It should be 10259. Please send a replacement page 2 of the application with this correction. Also, please correct the zip code on that same page to 31768. The 31776 zip code you have used is for post office box addresses in Moultrie.
2. The warranty deed for the land parcel with Tax Parcel ID M033-032 is not included in the package. The table labeled Appendix A-2 indicates that this parcel is included in the warranty deed dated 1/15/92 and is referred to as Parcel #4 of Exhibit "A" attached to that deed, but Parcel #4 describes Tax Parcel M033-033. Parcel #5 of Exhibit "A" also appears to be a part Tax Parcel M033-033. None of the deeds included in the package refer to the parcel(s) that make up Tax Parcel M033-032. Forward a copy of the warranty deed for this parcel.
3. Include written consent for entering adjoining properties and performing corrective action, including, where necessary, the execution of restrictive covenants, for all adjoining parcels known to be impacted by the release. In particular, provide consent for these parcels: M034-003, M034-005, M034-007, M034-078, and M034-079.

REC'D MAR 12 2012

Voluntary Investigation and Remediation Plan

1. This site has never been certified as in compliance with risk reduction standards for soils. In a May 29, 2009 letter, EPD noted three issues related to soil contamination remaining at the site that must be addressed during implementation of the Groundwater Monitoring Plan. Therefore, these issues must be addressed in the VIRP.
2. Add nitrate, phosphate, and sulfate to the list of analytes for at least one round of monitoring, then address whether these anions should be added to the list of COCs.
3. In Section 4.1.3, Purging Methods, include a reference to EPA Region 4's Science and Ecosystem Support Division Operating Procedures, SESDPROC-301-R2, October 28, 2011, indicating that as the basis of purging procedures. Also, update the reference given in Section 4.1.5, Groundwater Sampling, to this more recent version. Please send updated pages and we will insert them in the VIRP application.
4. In Section 4.8, Draft Environmental Covenant, please include a reference to the model environmental covenant found on EPD's website at: http://www.gaepd.org/Files_DOC/forms/hwb/modelcovenant.doc Please send updated page(s) and we will insert them in the VIRP application.

PCS Venture, Ltd. must address the above comments to EPD's satisfaction in order to demonstrate compliance with the provisions, purposes, standards, and policies of the Act. EPD may, at its sole discretion, review and comment on documents submitted by PCS Venture, Ltd. However, failure of EPD to respond to a submittal within any timeframe does not relieve PCS Venture, Ltd. from complying with the provisions, purposes, standards, and policies of the Act. EPD reserves all rights to require groundwater monitoring pursuant to Section 12-8-107(g)(2) of the Act.

Should you have any question or concerns regarding this matter, please contact Mr. Terry Allison of the Response and Remediation Program at (404) 657-8664.

Sincerely,

David Brownlee
Acting Program Manager
Response and Remediation Program

c: Jeffry R. Wagner, URS

File: VIRP Application – PCS Venture, Ltd.; Farmers Favorite Fertilizer

S:\RDRIVE\TAllison\VRP\Farmers Favorite Fertilizer\vrp application comments.doc

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Tel: (850)878-3994

TestAmerica Job ID: 640-42734-2
Client Project/Site: PCS FFF Moultrie

For:
URS Corporation
1625 Summit Lake Drive
Suite 200
Tallahassee, Florida 32317

Attn: Mr. John Carey

Authorized for release by:
6/12/2013 1:47:54 PM

Amy Marks, Project Manager II
amy.marks@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Chain of Custody 14

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-2

Qualifiers

Metals

Qualifier	Qualifier Description
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)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 640-42734-2

Laboratory: TestAmerica Tallahassee

Narrative

Job Narrative
640-42734-2

Comments
Water results are reported under separate cover in TestAmerica job 640-42734-1.

Receipt
The samples were received on 3/15/2013 4:33 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.8º C.

Metals
Method 6020A: The matrix spike / matrix spike duplicate (MS/MSD) percent recoveries and %RPD for batch 270121 were outside control limits. This is attributed to non-homogeneity of the sample matrix.

No other analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-2

Client Sample ID: SS-21 — Lab Sample ID: 640-42734-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.37		0.27	0.11	mg/Kg	1	☼	6020	Total/NA

Client Sample ID: SS-17 — Lab Sample ID: 640-42734-54

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.56		0.26	0.10	mg/Kg	1	☼	6020	Total/NA

Client Sample ID: G-3+30 @ 5 feet — Lab Sample ID: 640-42734-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3500		4.4	2.2	mg/Kg	20	☼	6020	Total/NA

This Detection Summary does not include radiochemical test results.

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-2

Method: 6020 - Metals (ICP/MS)

Client Sample ID: SS-21 — **Lab Sample ID: 640-42734-53**
Date Collected: 03/15/13 10:47 — **Matrix: Solid**
Date Received: 03/15/13 16:33 — **Percent Solids: 87.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.37		0.27	0.11	mg/Kg	☼	03/21/13 09:59	03/22/13 05:48	1

Client Sample ID: SS-17 — **Lab Sample ID: 640-42734-54**
Date Collected: 03/15/13 10:38 — **Matrix: Solid**
Date Received: 03/15/13 16:33 — **Percent Solids: 86.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.56		0.26	0.10	mg/Kg	☼	03/21/13 09:59	03/22/13 05:55	1

Client Sample ID: G-3+30 @ 5 feet — **Lab Sample ID: 640-42734-55**
Date Collected: 03/15/13 09:40 — **Matrix: Solid**
Date Received: 03/15/13 16:33 — **Percent Solids: 80.1**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3500		4.4	2.2	mg/Kg	☼	03/21/13 09:59	03/22/13 12:43	20

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 680-270121/1-A
Matrix: Solid
Analysis Batch: 270337

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 270121

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.097	U	0.19	0.097	mg/Kg		03/21/13 09:59	03/22/13 04:55	1
Arsenic	0.097	U	0.24	0.097	mg/Kg		03/21/13 09:59	03/22/13 04:55	1

Lab Sample ID: LCS 680-270121/2-A
Matrix: Solid
Analysis Batch: 270337

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 270121

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	5.00	5.22		mg/Kg		104	75 - 125
Arsenic	10.0	11.7		mg/Kg		117	75 - 125

QC Association Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-2

Metals

Prep Batch: 270121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-42734-53	SS-21	Total/NA	Solid	3050B	
640-42734-54	SS-17	Total/NA	Solid	3050B	
640-42734-55	G-3+30 @ 5 feet	Total/NA	Solid	3050B	
LCS 680-270121/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 680-270121/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 270337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-42734-53	SS-21	Total/NA	Solid	6020	270121
640-42734-54	SS-17	Total/NA	Solid	6020	270121
LCS 680-270121/2-A	Lab Control Sample	Total/NA	Solid	6020	270121
MB 680-270121/1-A	Method Blank	Total/NA	Solid	6020	270121

Analysis Batch: 270420

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-42734-55	G-3+30 @ 5 feet	Total/NA	Solid	6020	270121

General Chemistry

Analysis Batch: 270404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-42734-53	SS-21	Total/NA	Solid	Moisture	
640-42734-54	SS-17	Total/NA	Solid	Moisture	
640-42734-55	G-3+30 @ 5 feet	Total/NA	Solid	Moisture	

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-2

Client Sample ID: SS-21

Lab Sample ID: 640-42734-53

Date Collected: 03/15/13 10:47
Matrix: Solid
Date Received: 03/15/13 16:33
Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			270121	03/21/13 09:59	RAM	TAL SAV
Total/NA	Analysis	6020		1	270337	03/22/13 05:48	BR	TAL SAV
Total/NA	Analysis	Moisture		1	270404	03/22/13 19:35	FS	TAL SAV

Client Sample ID: SS-17

Lab Sample ID: 640-42734-54

Date Collected: 03/15/13 10:38
Matrix: Solid
Date Received: 03/15/13 16:33
Percent Solids: 86.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			270121	03/21/13 09:59	RAM	TAL SAV
Total/NA	Analysis	6020		1	270337	03/22/13 05:55	BR	TAL SAV
Total/NA	Analysis	Moisture		1	270404	03/22/13 19:35	FS	TAL SAV

Client Sample ID: G-3+30 @ 5 feet

Lab Sample ID: 640-42734-55

Date Collected: 03/15/13 09:40
Matrix: Solid
Date Received: 03/15/13 16:33
Percent Solids: 80.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			270121	03/21/13 09:59	RAM	TAL SAV
Total/NA	Analysis	6020		20	270420	03/22/13 12:43	BR	TAL SAV
Total/NA	Analysis	Moisture		1	270404	03/22/13 19:35	FS	TAL SAV

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Certification Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-2

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-13
Georgia	State Program	4		06-30-13
Louisiana	NELAP	6	30663	06-30-13
New Jersey	NELAP	2	FL012	06-30-13
Texas	NELAP	6	T104704459-11-2	03-31-14
USDA	Federal		P330-08-00158	08-05-14

Laboratory: TestAmerica Savannah

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	DoD ELAP		399.01	07-31-13
Alabama	State Program	4	41450	06-30-13
Alaska (UST)	State Program	10	UST-104	06-19-13
Arkansas DEQ	State Program	6	88-0692	02-01-13 *
California	NELAP	9	3217CA	07-31-13
Colorado	State Program	8	N/A	12-31-13
Connecticut	State Program	1	PH-0161	03-31-15
Florida	NELAP	4	E87052	06-30-13
GA Dept. of Agriculture	State Program	4	N/A	12-31-13
Georgia	State Program	4	N/A	06-30-13
Georgia	State Program	4	803	06-30-13
Hawaii	State Program	9	N/A	06-30-13
Illinois	NELAP	5	200022	11-30-13
Indiana	State Program	5	N/A	06-30-13
Iowa	State Program	7	353	07-01-13 *
Kentucky	State Program	4	90084	12-31-12 *
Kentucky (UST)	State Program	4	18	03-31-13 *
Louisiana	NELAP	6	30690	06-30-13
Louisiana	NELAP	6	LA100015	12-31-13
Maine	State Program	1	GA00006	08-16-14
Maryland	State Program	3	250	12-31-13
Massachusetts	State Program	1	M-GA006	06-30-13
Michigan	State Program	5	9925	06-30-13
Mississippi	State Program	4	N/A	06-30-13
Montana	State Program	8	CERT0081	01-01-14
Nebraska	State Program	7	TestAmerica-Savannah	06-30-13 *
New Jersey	NELAP	2	GA769	06-30-13
New Mexico	State Program	6	N/A	06-30-13
New York	NELAP	2	10842	04-01-14
North Carolina DENR	State Program	4	269	12-31-13
North Carolina DHHS	State Program	4	13701	07-31-13
Oklahoma	State Program	6	9984	08-31-13
Pennsylvania	NELAP	3	68-00474	06-30-13 *
Puerto Rico	State Program	2	GA00006	01-01-14
South Carolina	State Program	4	98001	06-30-13
Tennessee	State Program	4	TN02961	06-30-13
Texas	NELAP	6	T104704185-08-TX	11-30-13
USDA	Federal		SAV 3-04	04-07-14
Virginia	NELAP	3	460161	06-14-13 *

* Expired certification is currently pending renewal and is considered valid.

Certification Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-2

Laboratory: TestAmerica Savannah (Continued)

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Washington	State Program	10	C1794	06-10-13 *
West Virginia	State Program	3	9950C	12-31-13
West Virginia DEP	State Program	3	94	06-30-13
Wisconsin	State Program	5	999819810	08-31-13
Wyoming	State Program	8	8TMS-Q	06-30-13

* Expired certification is currently pending renewal and is considered valid.

Method Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-2

Method	Method Description	Protocol	Laboratory
6020	Metals (ICP/MS)	SW846	TAL SAV
Moisture	Percent Moisture	EPA	TAL SAV

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Sample Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-42734-53	SS-21	Solid	03/15/13 10:47	03/15/13 16:33
640-42734-54	SS-17	Solid	03/15/13 10:38	03/15/13 16:33
640-42734-55	G-3+30 @ 5 feet	Solid	03/15/13 09:40	03/15/13 16:33

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

6/12/2013

Client Information	Sampler: Amelia Bryant + Brittany Crone	Lab PM: Preston, Tim	Carrier Tracking No(s):	COC No: 640-37598-10292.2
Client Contact: Mr. John Carey	Phone: 850.228.6846	E-Mail: timothyr.preston@testamericainc.com		Page: Page 2 of 9
Company: URS Corporation				Job #: 640-42734
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: FFF Moultrie Georgia	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A -	6020A - Dissolved	~~6020~~ 7470 / 6020A	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	~~ND~~		
MW-8I	3/12/13	1200	G	W					1		
MW-2S	3/12/13	1238	G	W					1		
MW-2I	3/12/13	1300	G	W					1		
MW-7S-R	3/12/13	1320	G	W					1		
MW-6S-R		1345	G	W					1		
DUP-1			G	W					1		
MW-7I		1615	G	W					1		
MW-1I-R		1640	G	W					1		
MW-1S-R Filter		1657	G	W	X	X			1		
MW-1S-R		1657	G	W					1		
MW-3US		1725	G	W					1		

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by: Date: 3/7/13 Time: 0900 Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Amelia Bryant	3/15/2013 1633	URS			
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: ~~4.7~~ 3.9

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

(2)

Client Information	Sampler: Amelia Bryant & Brittany Crowe	Lab PM: Preston, Tim	Carrier Tracking No(s):	COC No: 640-37598-10292.1
Client Contact: Mr. John Carey	Phone: 850.228.6846	E-Mail: timothyr.preston@testamericainc.com		Page: Page 1 of 9
Company: URS Corporation				Job #: 640-42734
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: FFF Moultrie, Georgia	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A -	6020A - Dissolved	~~6020~~ 7470/6020A	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	D	D	~~N~~ D	X	
✓ MW-9S-R	3/12/13	1745	G	W			1				
✓ MW-10I	3/13/13	0957	G	W			1				
✓ MW-10S-R	3/13/13	1015	G	W			1				
✓ MW-13S-R	3/13/13	1035	G	W			1				
✓ ~~MW-13~~ MW-27S-R	3/13/13	1115	G	W			1				
✓ MW-37S	3/13/13	1100	G	W			1				
✓ MW-6I	3/13/13	1325	G	W			1				
✓ MW-39S	3/13/13	1340	G	W			1				
✓ MW-11S	3/13/13	1405	G	W			1				
✓ MW-5S-R	3/13/13	1423	G	W			1				
✓ MW-38S	3/13/13	1450	G	W			1				

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date: 3/7/13	Time: 0900	Method of Shipment:		
Relinquished by: Amelia Bryant	Date/Time: 3/15/2013 1633	Company: URS	Received by: [signature]	Date/Time: 3/15/13 1633	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 3.8

TestAmerica 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

6/12/2013

Client Information	Sampler: Amelia Bryant & Bethany Gomez	Lab PM: Preston, Tim	Carrier Tracking No(s):	COC No: 640-37598-10292.3
Client Contact: Mr. John Carey	Phone: 850.228.6846	E-Mail: timothyr.preston@testamericainc.com		Page: Page 3 of 9
Company: URS Corporation				Job #: 640-42734
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: FFF Moultrie, Georgia	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A - Dissolved	6020A - Dissolved	6020A	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N		
MW-13T	3/13/13	1650	G	W			1				
MW-12I	3/13/13	1720	G	W			1				
MW-12S	3/13/13	1735	G	W			1				
DUP-6	3/13/13		G	W			1				
MW-15S	3/13/13	1755	G	W			1				
MW-35S	3/13/13	185	G	W					1		
MW-42S	3/14/13	1020	G	W			1				
FFFW-3-R	3/14/13	1100	G	W			1				
MW-43S	3/14/13	1122	G	W			1				
MW-18S	3/14/13	1150	G	W			1				
MW-45	3/14/13	1335	G	W			1				

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by: _____ Date: 3/7/13 Time: 0900 Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by: Amelia Bryant	3/15/2013 1633	URS			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 3.8

TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

(4)

Client Information

Client Contact: Mr. John Carey
Company: URS Corporation
Address: 1625 Summit Lake Drive Suite 200
City: Tallahassee
State, Zip: FL, 32317
Phone: 850-528-1937(Tel) 850-402-6490(Fax)
Email: john_carey@urscorp.com
Project Name: PCS FFF Moultrie
Site: FFF Moultrie, Georgia

Sampler: Amelia Bryant & Brittany Cromer
Phone: 850.228.6846
Due Date Requested:
TAT Requested (days):
PO #: 267418.US
WO #: 12806184.00000 Vendor No. 1427536
Project #: 64005633
SSOW#:

Lab PM: Preston, Tim
E-Mail: timothyr.preston@testamericainc.com
Carrier Tracking No(s):

COC No: 640-37598-10292.4
Page: Page 4 of 9
Job #: 640-42734

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:

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A - D	6020A - Dissolved D	~~6020~~ 7470/6020A ~~N~~ D	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
✓ MW-34I	3/14/13	1538	G	W			1				
✓ MW-34S	3/14/13	1550	G	W			1				
✓ MW-26S	3/14/13	~~1610~~ 1606	G	W			1				
✓ MW-20S	3/14/13	1635	G	W			1				
✓ MW-19S	3/14/13	1655	G	W			1				
✓ MW-28S Filter	3/14/13	1835	G	W	X			1			
✓ MW-28S	3/14/13	1835	G	W			1				
✓ MW-29S	3/14/13	1900	G	W			~~1~~		1		
✓ DUP-2	3/14/13		G	W			~~1~~		1		
✓ MW-3I	3/15/13	1025	G	W			1				
✓ MW-3S	3/15/13	1115	G	W			1				

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: [signature] Date: 3/7/13 Time: 0900 Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Amelia Bryant	3/15/2013 1633	URS	[signature]	3/15/13 1633	

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 3.8

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

(5)

Client Information

Client Contact:	Mr. John Carey
Company:	URS Corporation
Address:	1625 Summit Lake Drive Suite 200
City:	Tallahassee
State, Zip:	FL, 32317
Phone:	850-528-1937(Tel) 850-402-6490(Fax)
Email:	john_carey@urscorp.com
Project Name:	PCS FFF Moultrie
Site:	FFF Moultrie Georgia
Sampler:	Amelia Bryant / Brittany Cromer
Phone:	850.228.6846
Due Date Requested:	
TAT Requested (days):	
PO #:	267418.US
WO #:	12806184.00000 Vendor No. 1427536
Project #:	64005633
SSOW#:	
Lab PM:	Preston, Tim
E-Mail:	timothyr.preston@testamericainc.com
Carrier Tracking No(s):	
COC No:	640-37598-10292.5
Page:	Page 5 of 9
Job #:	640-42734

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A -	6020A - Dissolved	~~6020~~ 7470/6020	6020-Arsenic	6020-Lead	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N				
MW-7S-R filter	3/12/13	1320	G	W	X		X	1					
MW-5SR filter	3/13/13	1423	G	W	X			1					
MW-34I filter	3/14/13	1538	G	W	X			1					
MW-30S	3/15/13	1225	G	W			1						
MW-40S	3/15/13	1205	G	W			1						
MW-48S	3/15/13	1245	G	W			1						
~~MW~~ DUP-3	3/15/13		G	W			1						
DUP-5	3/12/13		G	W			1						
SS-21	3/15/13	1047	G	S						1			
SS-17	↓	1038	G	S						1			
G-3+30@5feet	↓	0940	G	S							1		

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by: [signature] Date: 3/7/13 Time: 0900 Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Amelia Bryant	3/15/13 1633	URS	[signature]	3/15/13 1633	

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 3.8

TABLE 1
SOIL ANALYTICAL SUMMARY
Former Farmers Favorite Fertilizer
Moultrie, Georgia
GEPD HSI Number 10259

Sample				Laboratory Analyses									Comments
Location	Date Collected	Depth to Water*	Sample Interval (ft bls)	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Mercury (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)	
SS-17	12/4/1998	NM	0 - 2	5.5	61	3.2	44	-	760	0.16	1.0 U	-	
	1/7/1999	2	2	12	**1400**	5 U**	240	-	**3300**	0.47	10 U**	-	
	4/19/2000	NM	5	7.8	120	-	20	-	390	0.03	-	-	Depth to water extrapolated from MW-7S and MW-13S
	4/20/2000	NM	7	**43**	68	-	26	-	230	0.12	-	-	
	4/19/2000	NM	9	1.0 U	10	-	-	-	65	0.041	-	-	
	5/23/2000	2.8	10	-	10	-	-	-	-	-	-	-	
	3/15/2013	2.5	0 - 0.5	0.56	-	-	-	-	-	-	-	-	Water level determined from MW-36S
SS-21	12/4/1998	NM	0 - 2	**48**	160	5.1	91	-	900	0.18	3.8	-	
	4/20/2000	NM	2	34	210	-	83	-	490	3.7	-	-	
			5	11	300	-	39	-	760	0.19	-	-	
	5/23/2000	2.8	7	1.0 U	3.1	-	-	-	-	-	-	-	Water level determined from MW-13S
	7/11/2000	NM	7	-	-	-	-	-	11	0.020 U	-	-	
			10	-	-	-	-	-	-	-	-	-	Sample not analyzed
	8/25/2009	5.7	1 - 2	9.6	-	-	-	-	-	-	-	-	SS-21-R
				4.6	-	-	-	-	-	-	-	-	10 feet north (SS-21-10FT-N)
				0.96	-	-	-	-	-	-	-	-	10 feet east (SS-21-10FT-E)
				0.71	-	-	-	-	-	-	-	-	10 feet south (SS-21-10FT-S)
	3/15/2013	1.3	0 - 0.5	0.37	-	-	-	-	-	-	-	-	Water level determined from MW-13S
G-3+30 ft	2/1/2006	NM	5	0.49	16	0.045	7.1	9.3	**1600**	0.028	-	18	
	3/15/2013	3.9	5	-	-	-	-	-	**3500**	-	-	-	Water level determined from MW-7S-R
Method Detection Limit				**0.10**	NA	NA	NA	NA	**2.2**	NA	NA	NA	For March 2013 analyses
Statistical Background				**7.8**	**48.3**	**5.4**	**48.7**	ND	**127**	**0.086**	**4.5**	ND	
Type 1 Soil Risk Reduction Standard (RRS)				**20**	**1,000**	**2**	**100**	**100**	**75**	**0.5**	**2**	**100**	
Type 3 Soil Risk Reduction Standard (RRS)				**41**	**1,000**	**39**	**1,200**	**1,500**	**1,430**	**17**	**10**	**2,800**	
Type 4 Soil Risk Reduction Standard (RRS)									**1,303**				Soil deeper than 2 ft bls

Notes:
ft bls = feet below land surface
mg/kg = milligrams per kilogram
- Not analyzed
NM = Not measured
* Approximate depth to water determined from water level in nearest monitoring well measured during the same month.
** Elevated detection limit reported due to sample matrix interference which required sample or extract dilution.
Bold - Concentration exceeds the Type 3 RRS.
NA = Not applicable, detection limits for the various laboratories at various times cannot be standardized.
ND = Not determined

Standard Laboratory Qualifiers:
U - Not detected at the Method Detection Limit
I - Analyte detected but could not be quantified with certainty
V - Analyte detected in the associated Method Blank above Reporting Limit

APPENDIX E

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

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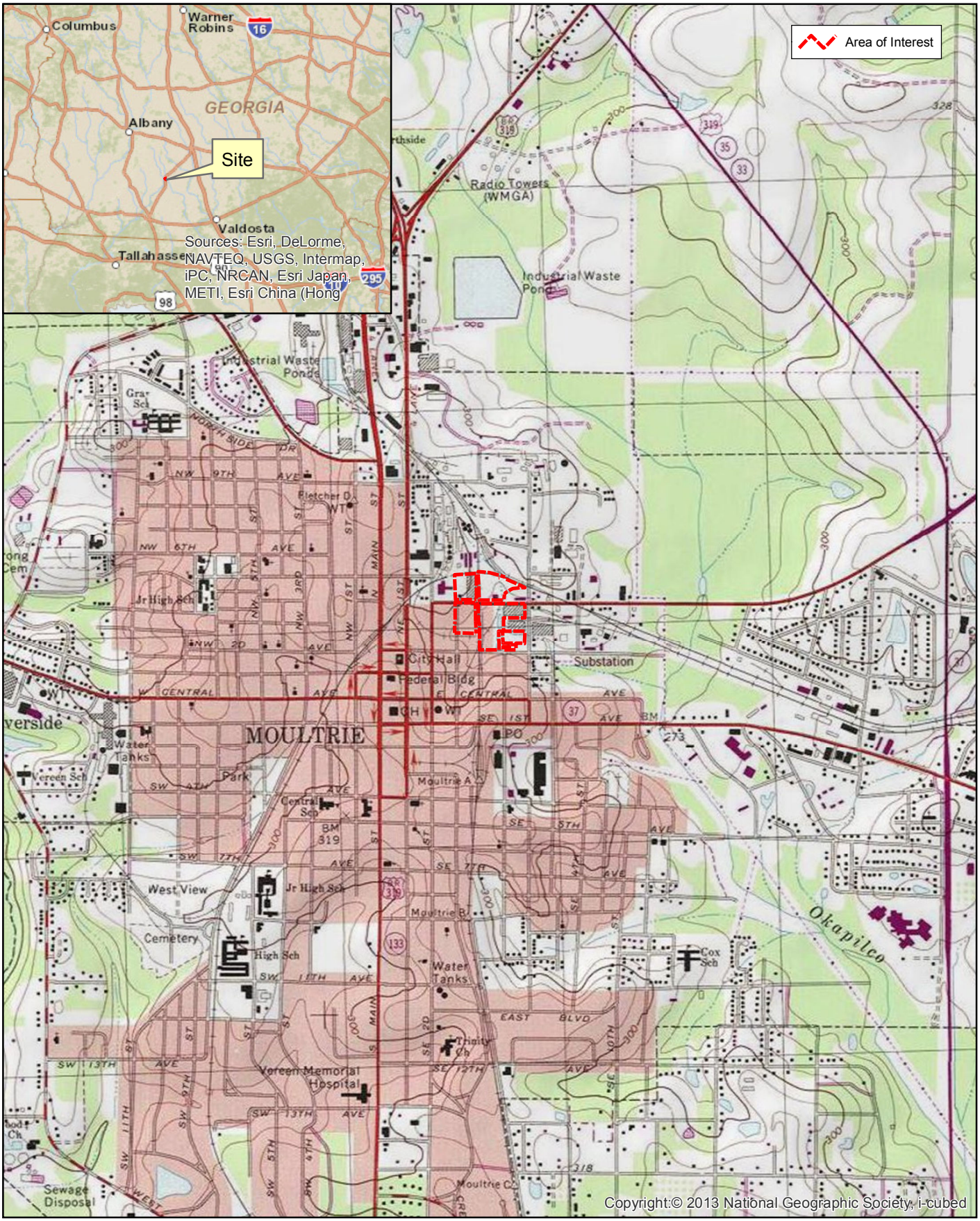
MW-41S	2/8/2010	NA	2-INCH	290.61	290.39	NA	30	20 - 30	270.61 - 260.61	Shallow
MW-42S	2/9/2010	NA	2-INCH	290.06	289.97	NA	15	5 - 15	285.06 - 275.06	Shallow
MW-43S	2/9/2010	NA	2-INCH	285.25	288.34	3.09	15	5 - 15	280.25 - 270.25	Shallow
MW-44S	2/8/2010	NA	2-INCH	287.35	290.44	3.09	20	10 - 20	277.35 - 267.35	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

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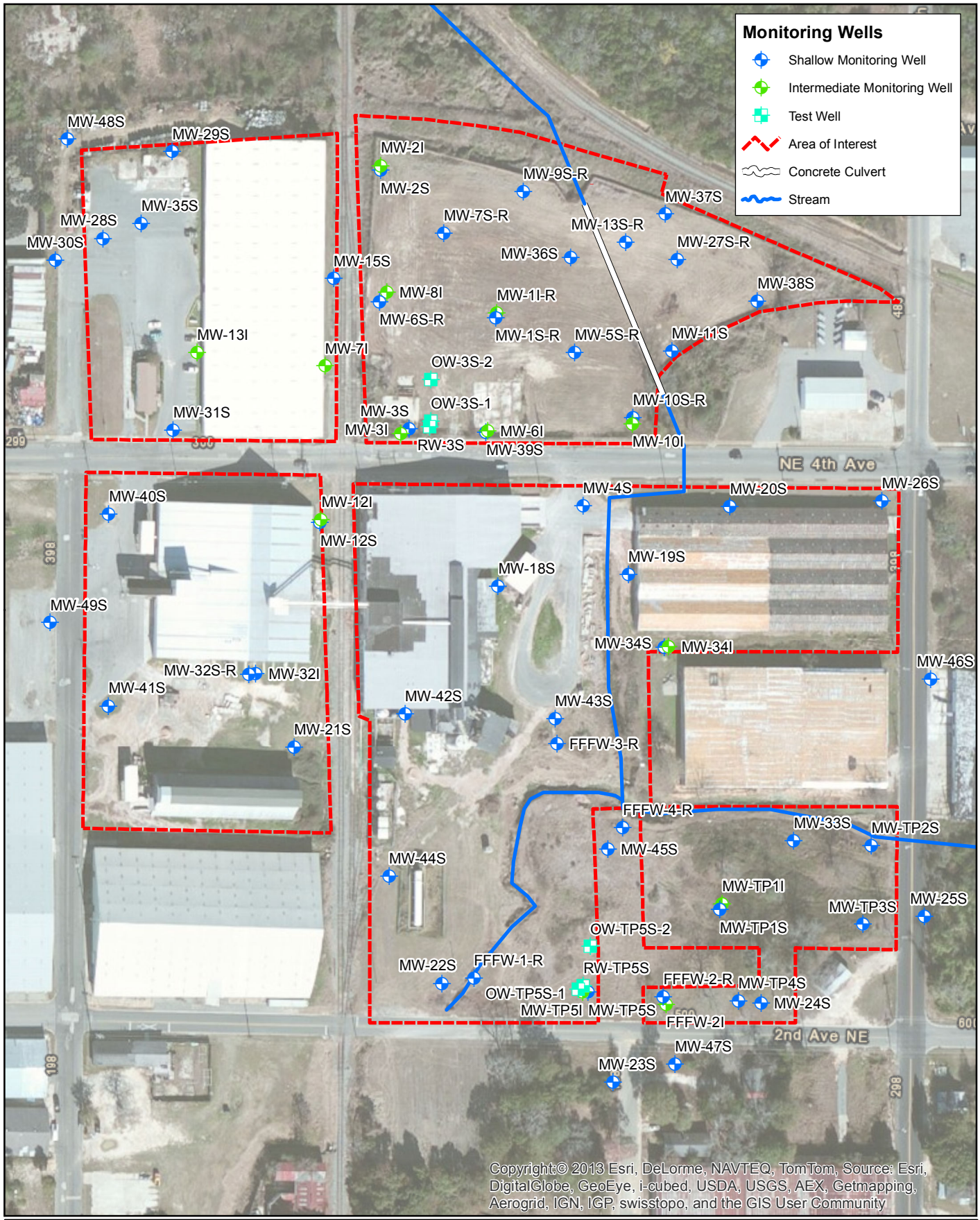

Former Farmers Favorite Fertilizer Site

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

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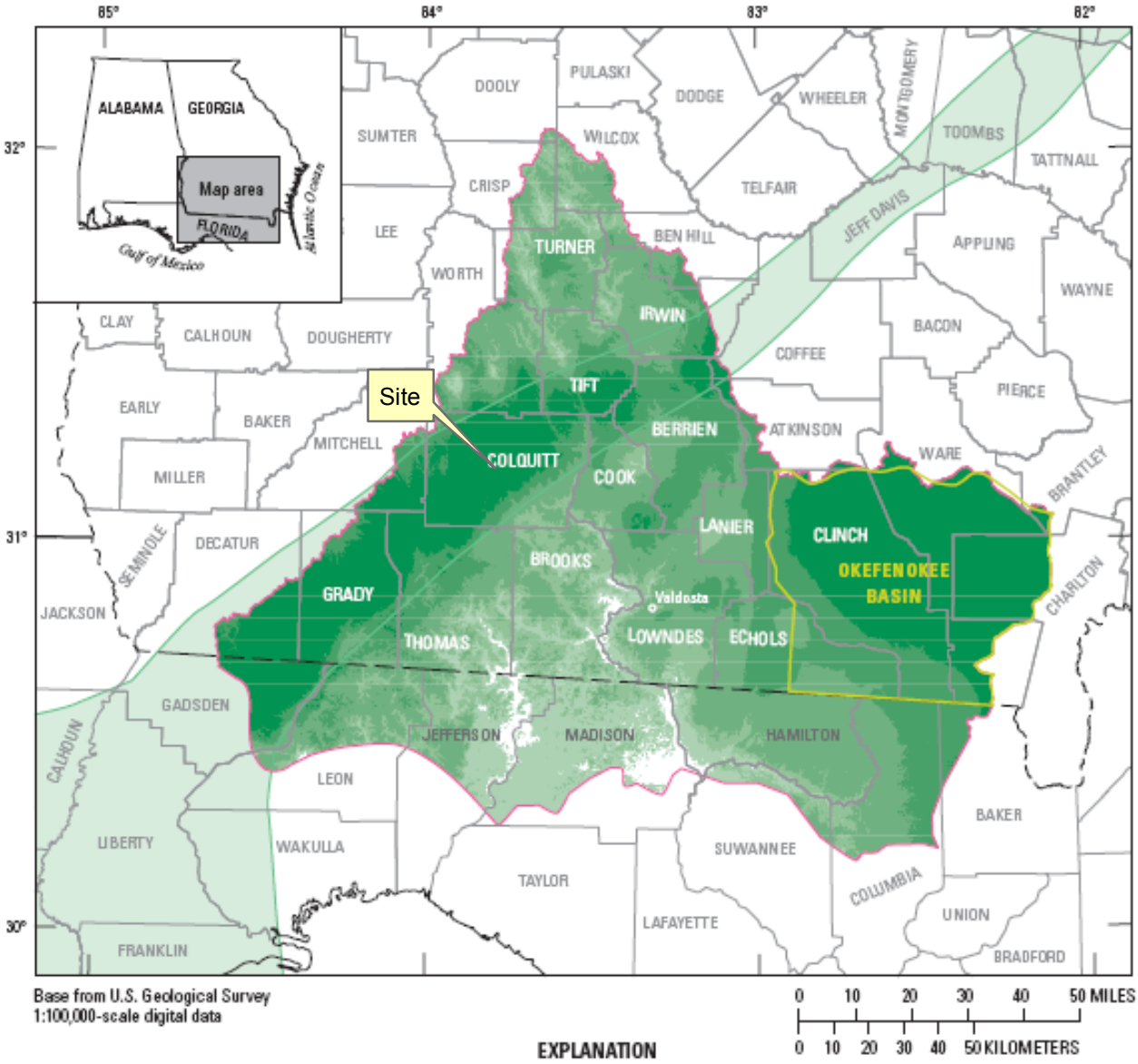

Former Farmers Favorite Fertilizer Site

Moultrie, Georgia

URS Tallahassee

March 2013

Figure 3

Thickness of Sediments Overlying the Floridan Aquifer (Torak et al, 2010)

C. Beauvais

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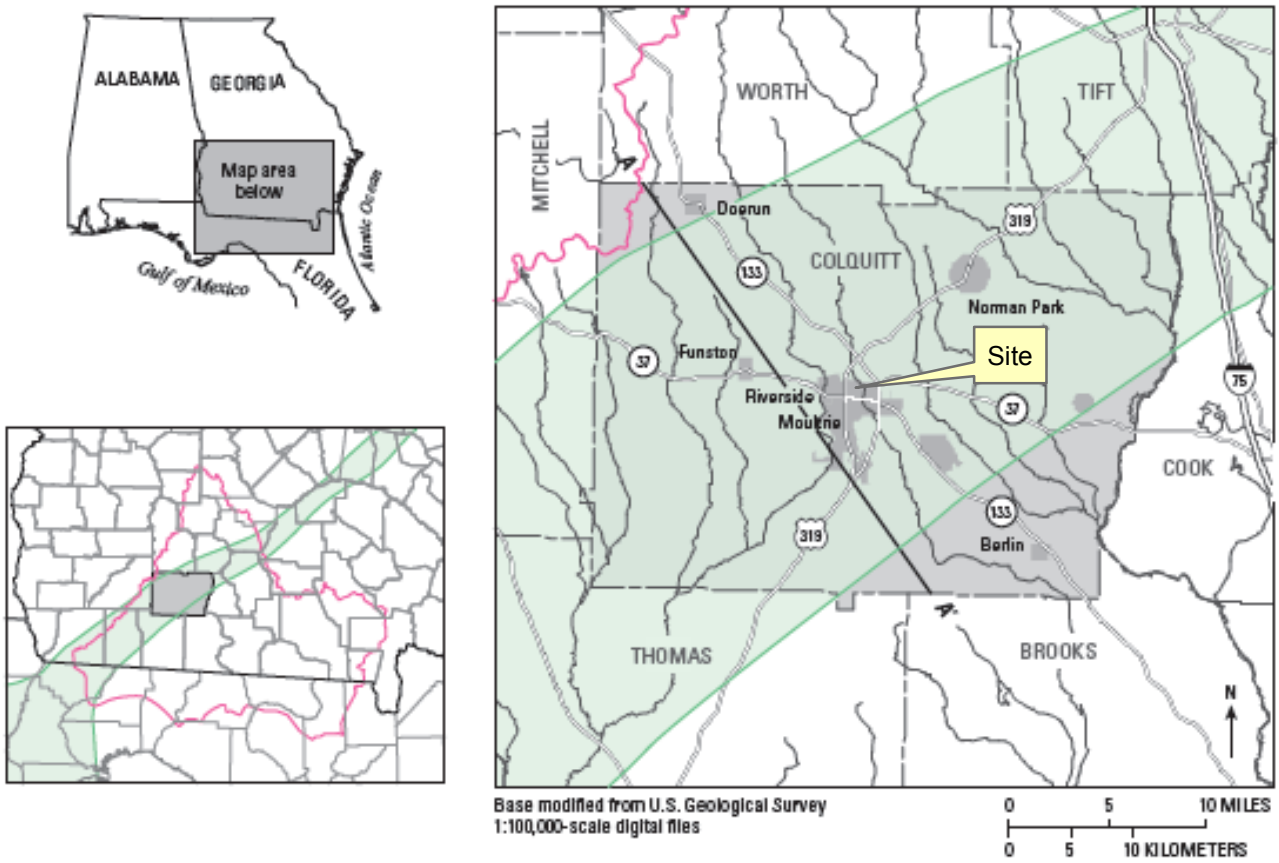


EXPLANATION

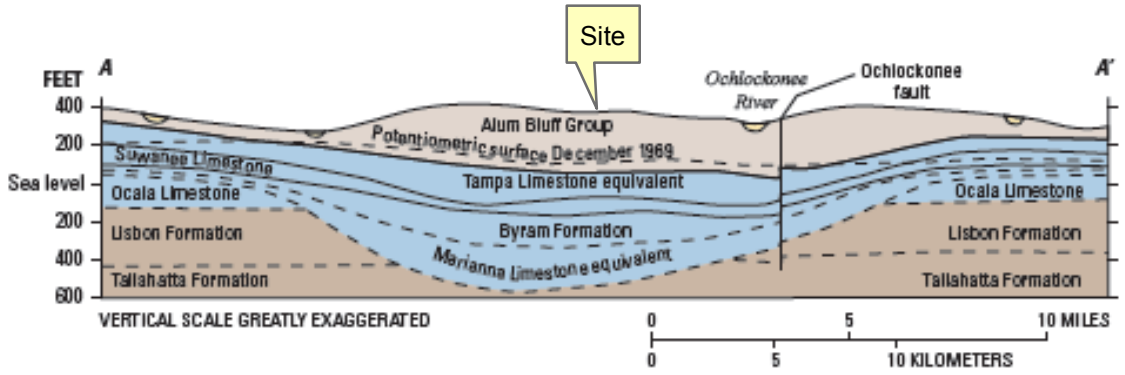
MAP

- Approximate location of Gulf Trough–Apalachicola Embayment
- Study area boundary
- A — A′ Line of section

CROSS SECTION

Hydrologic unit

- Surficial aquifer system
- Upper semiconfining unit
- Upper Floridan aquifer
- Lower confining unit
- Geologic contact— Dashed where inferred



Former
Farmers Favorite
Fertilizer Site

Moultrie, Georgia

URS
Tallahassee

March 2013

Figure 4

Thickness of Sediments
Overlying the Floridan Aquifer
Colquitt County
(Torak et al, 2010)

C. Beauvais

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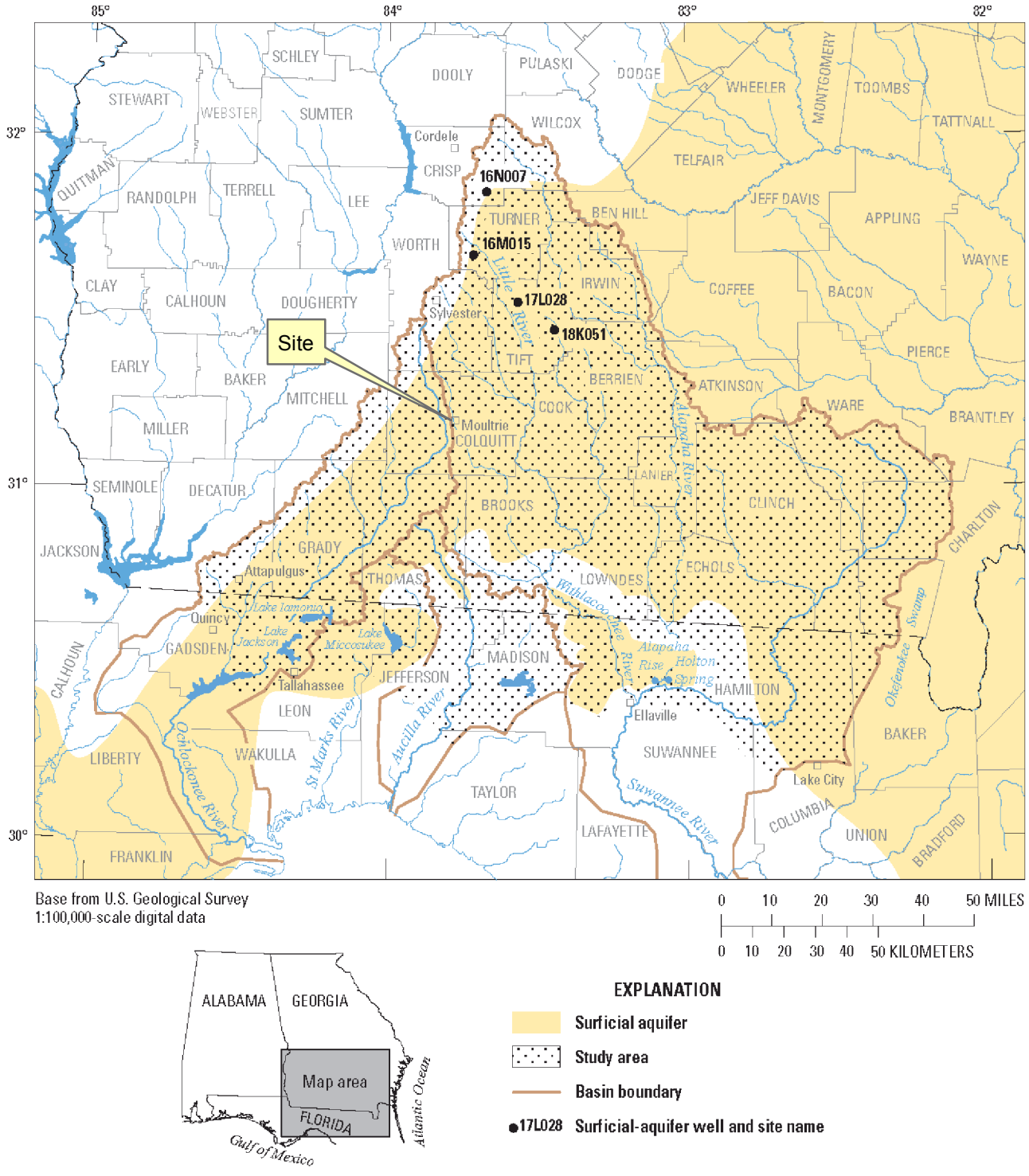


Former Farmers Favorite Fertilizer Site

Moultrie, Georgia

URS

Tallahassee

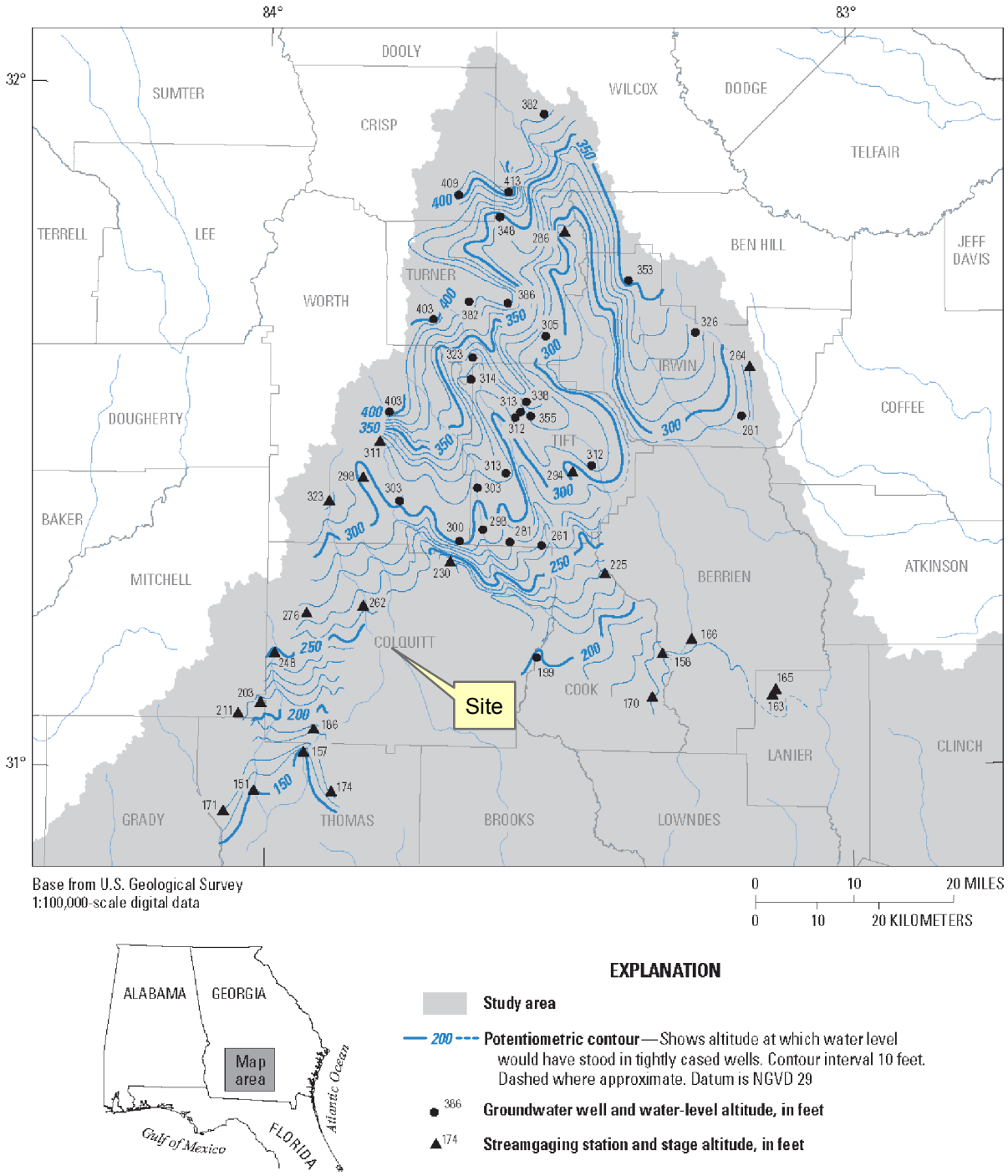
March 2013

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



Former Farmers Favorite Fertilizer Site

Moultrie, Georgia

URS Tallahassee

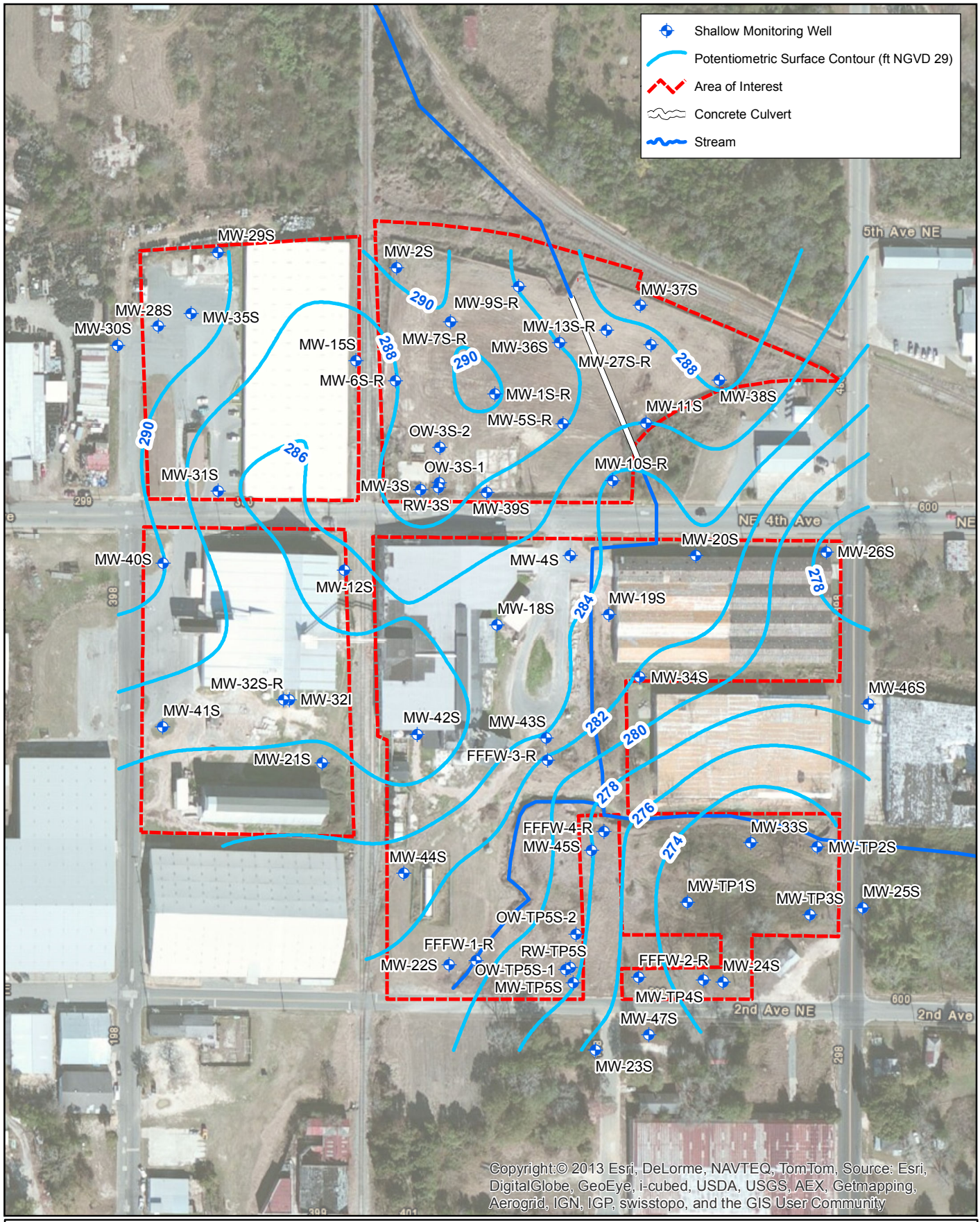
March 2013

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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Moultrie, Georgia

URS
Tallahassee

March 2013

200 100 0 200
Feet

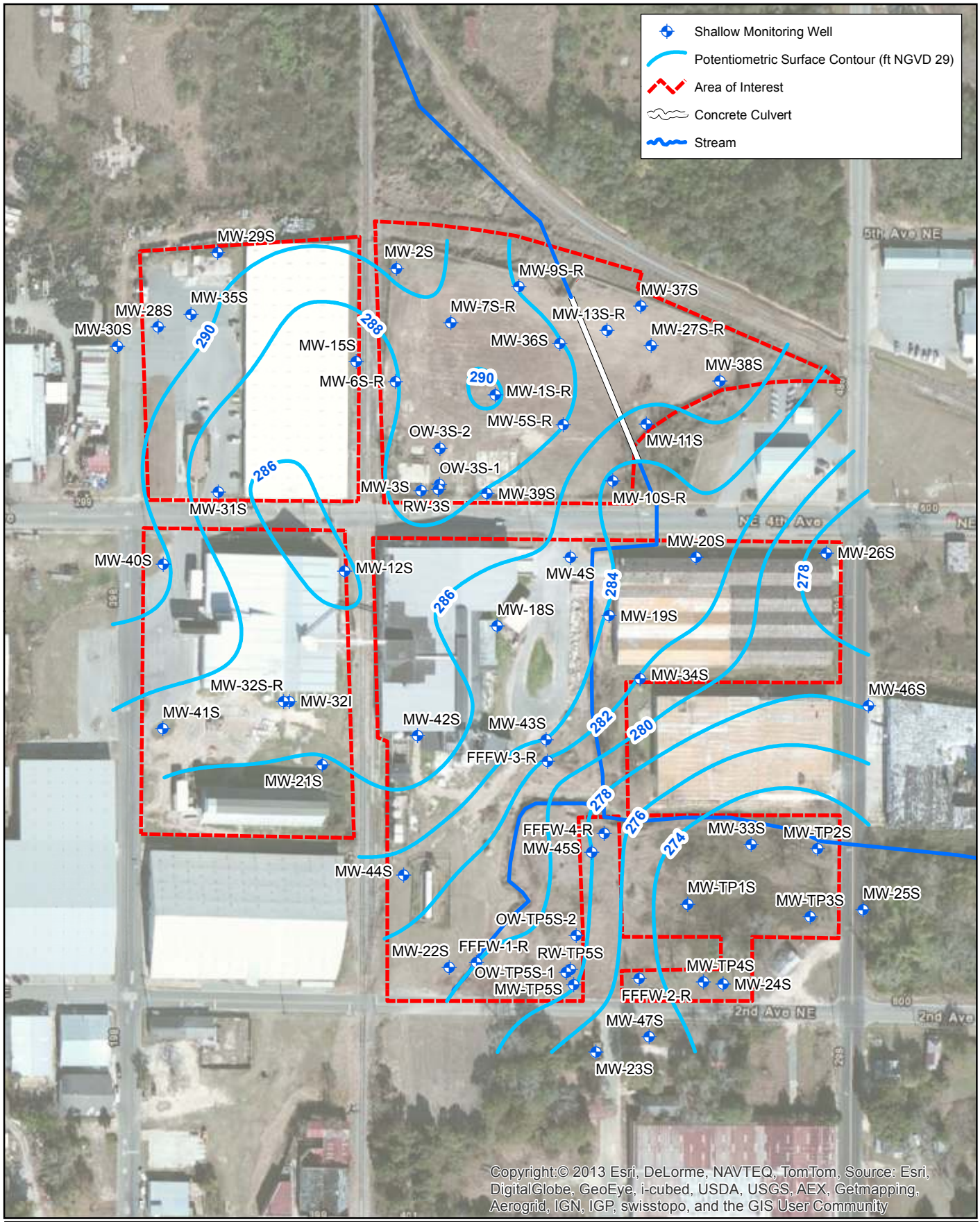
Coordinate System: Georgia Stateplane West, NAD 83, Feet

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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March 2013

200 100 0 200 Feet

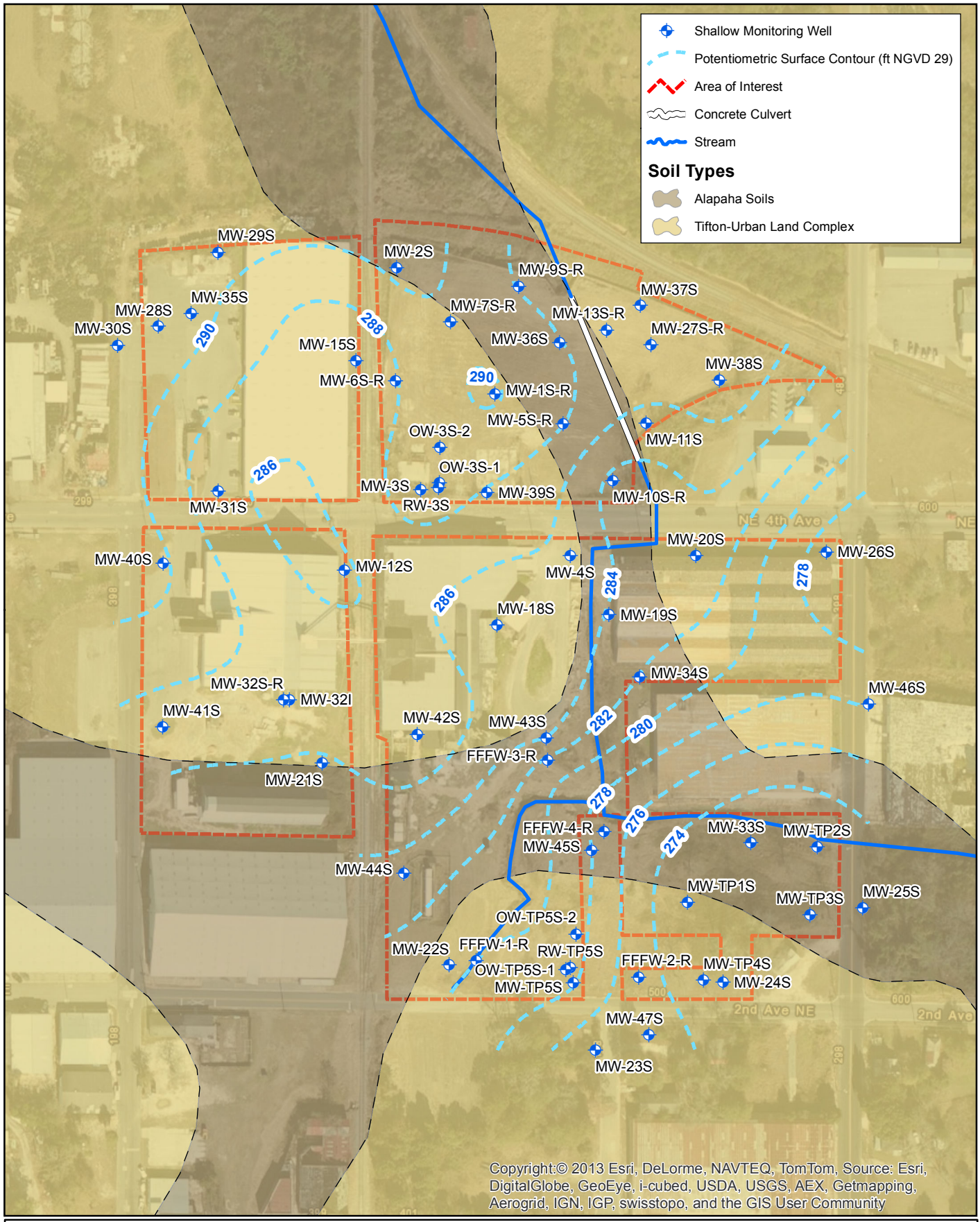
Coordinate System: Georgia Stateplane West, NAD 83, Feet

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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Moultrie, Georgia

URS

Tallahassee

March 2013

N

200 100 0 200

Feet

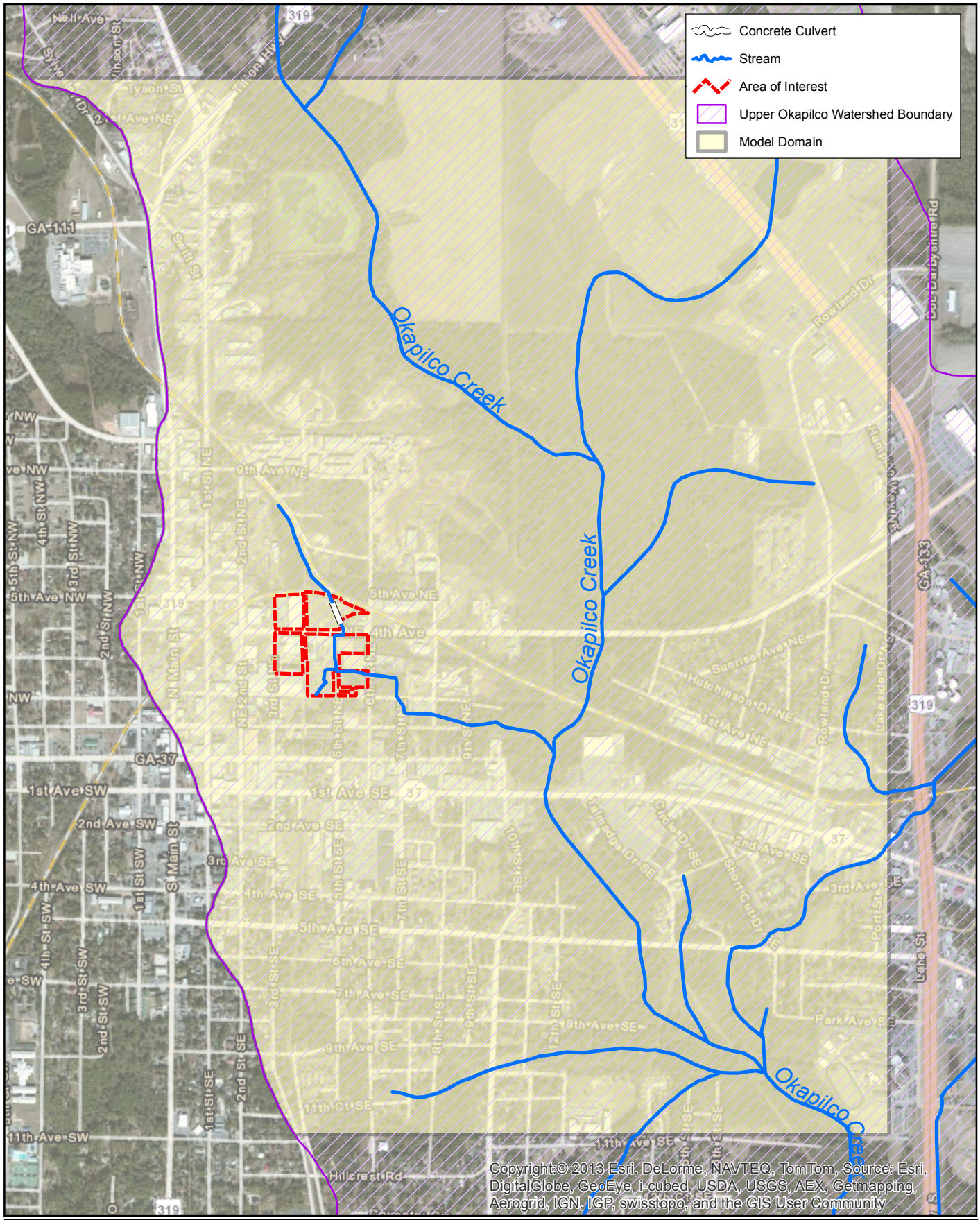
Coordinate System: Georgia Stateplane West, NAD 83, Feet

Figure 9

NRCS Soils

C. Beauvais

G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\VIRP_model\figure09_soil_distribution.mxd



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March 2013

1,500 750 0 1,500 Feet

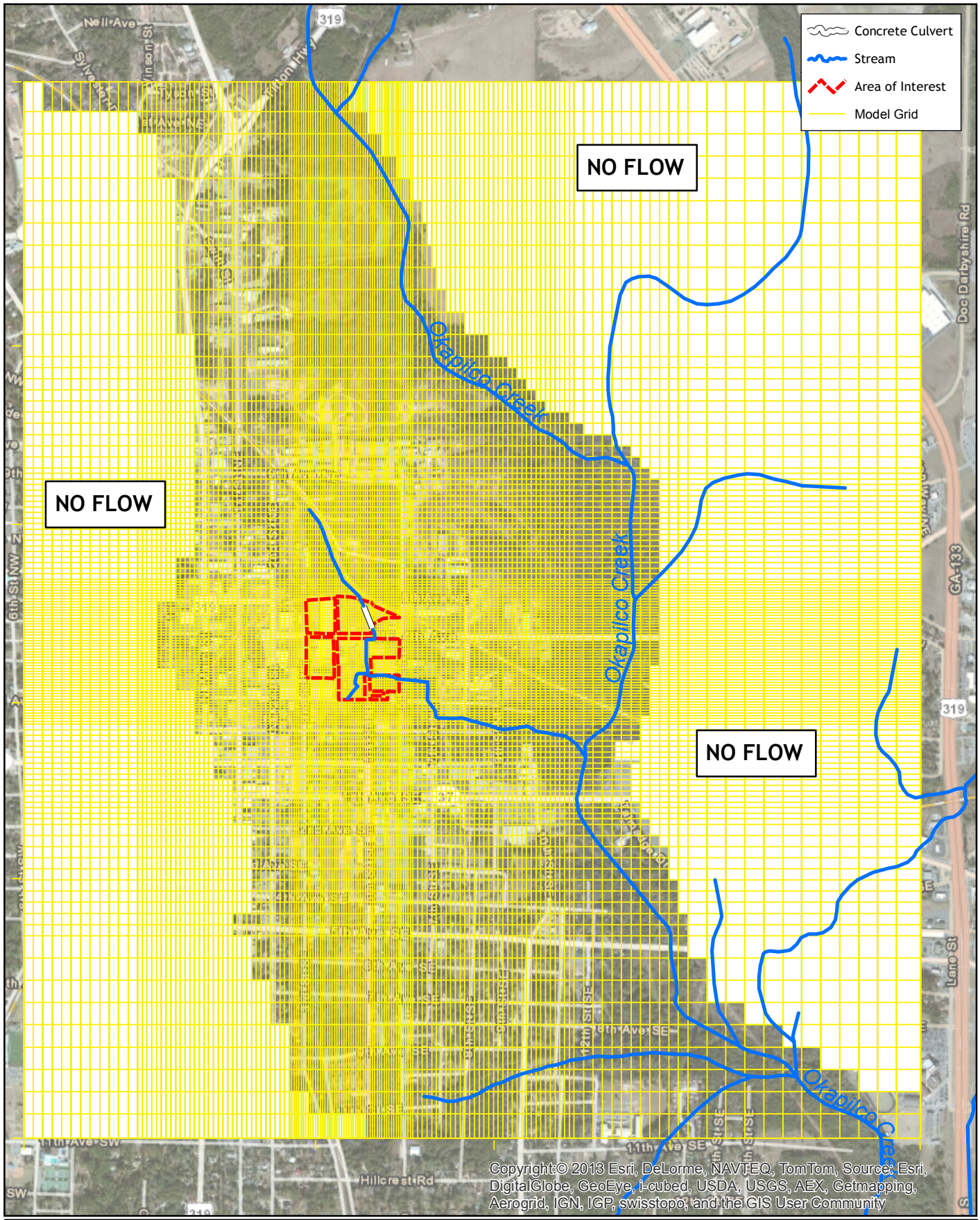
Coordinate System: Georgia Stateplane West, NAD 83, Feet

Figure 10

Groundwater Model Domain

C. Beauvais

G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\VIRP_model\figure10_model_bnds.mxd



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Moultrie, Georgia

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July 2013

1,500 750 0 1,500

Feet

Coordinate System: Georgia Stateplane West, NAD 83, Feet

Figure 11

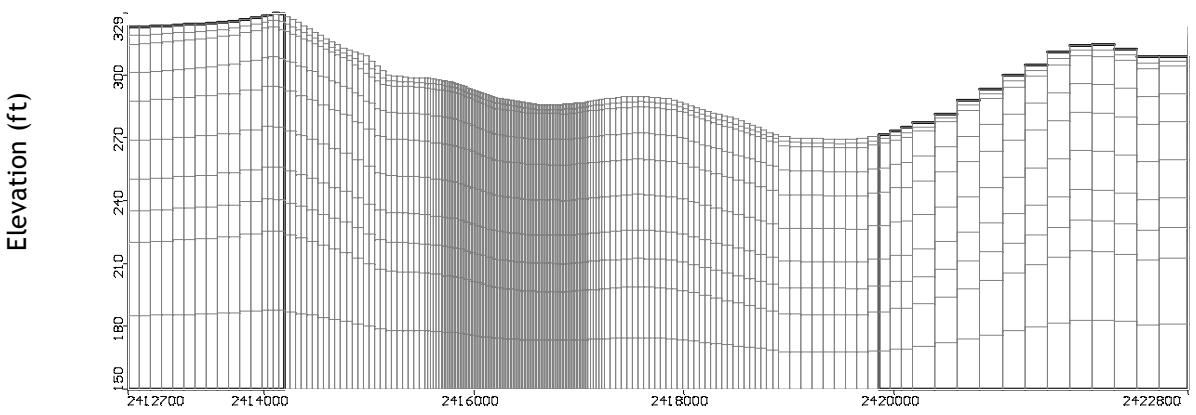
Groundwater Model Domain

C. Beauvais

G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\VIRP_model\figure11_model_grid.mxd

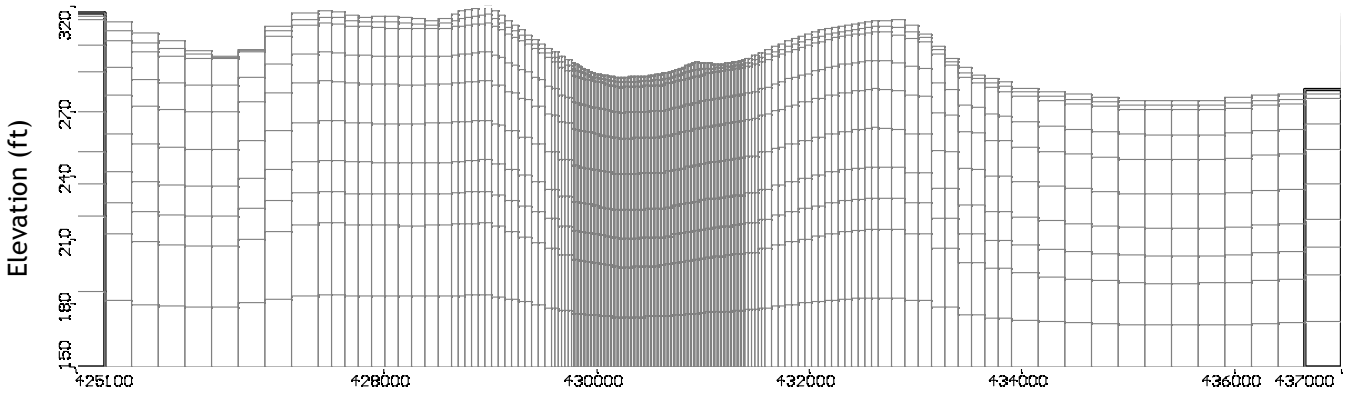
West

East



South

North



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Moultrie, Georgia

URS

Tallahassee

July 2013

Vertical Exaggeration 20x

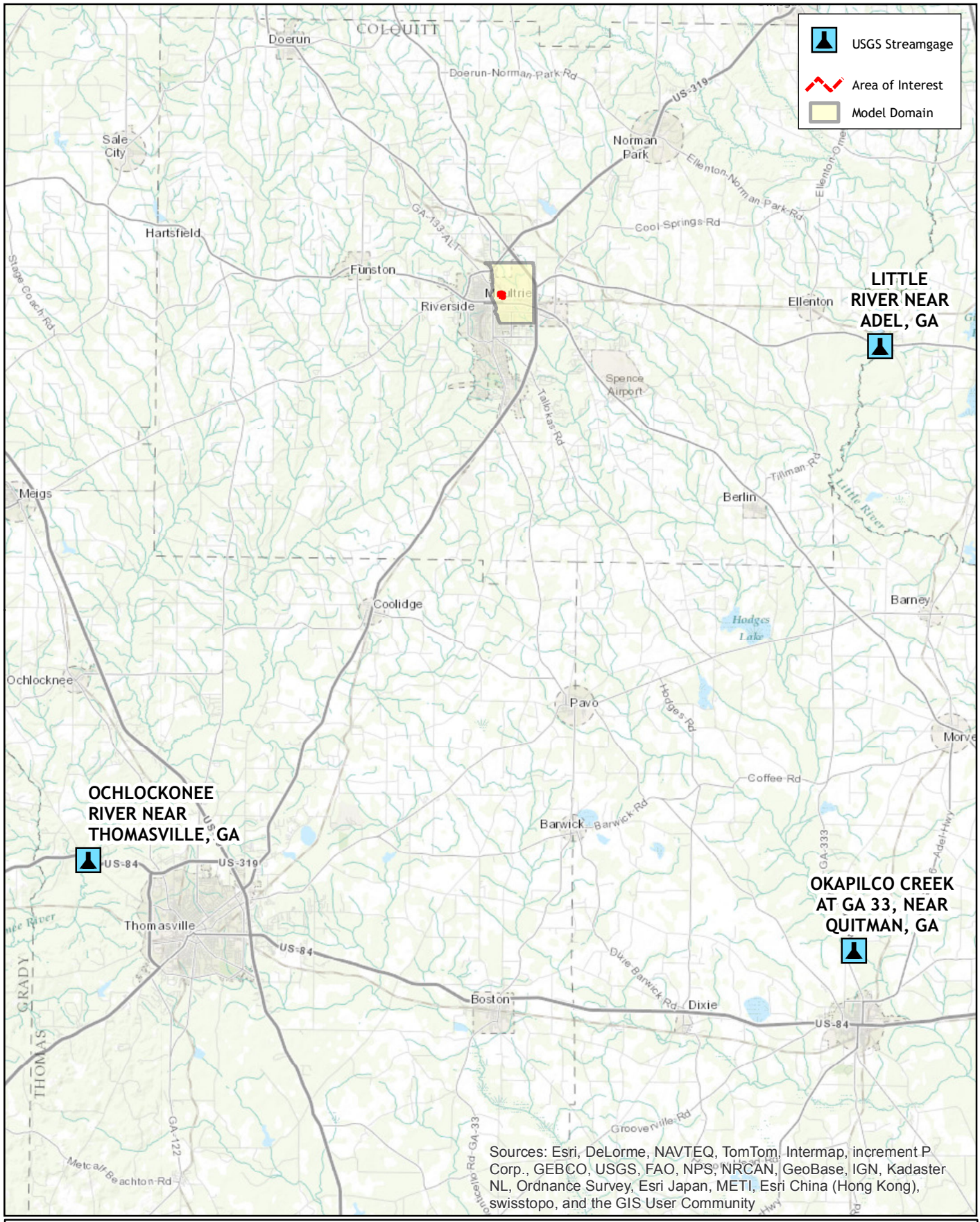
Coordinate System: Georgia Stateplane West, NAD 83, Feet

Figure 12

Representative Model Cross Sections

C. Beauvais

G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\VIRP_model\figure12_model_xsect.mxd



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Moultrie, Georgia

URS

Tallahassee

July 2013

5 2.5 0 5 Miles

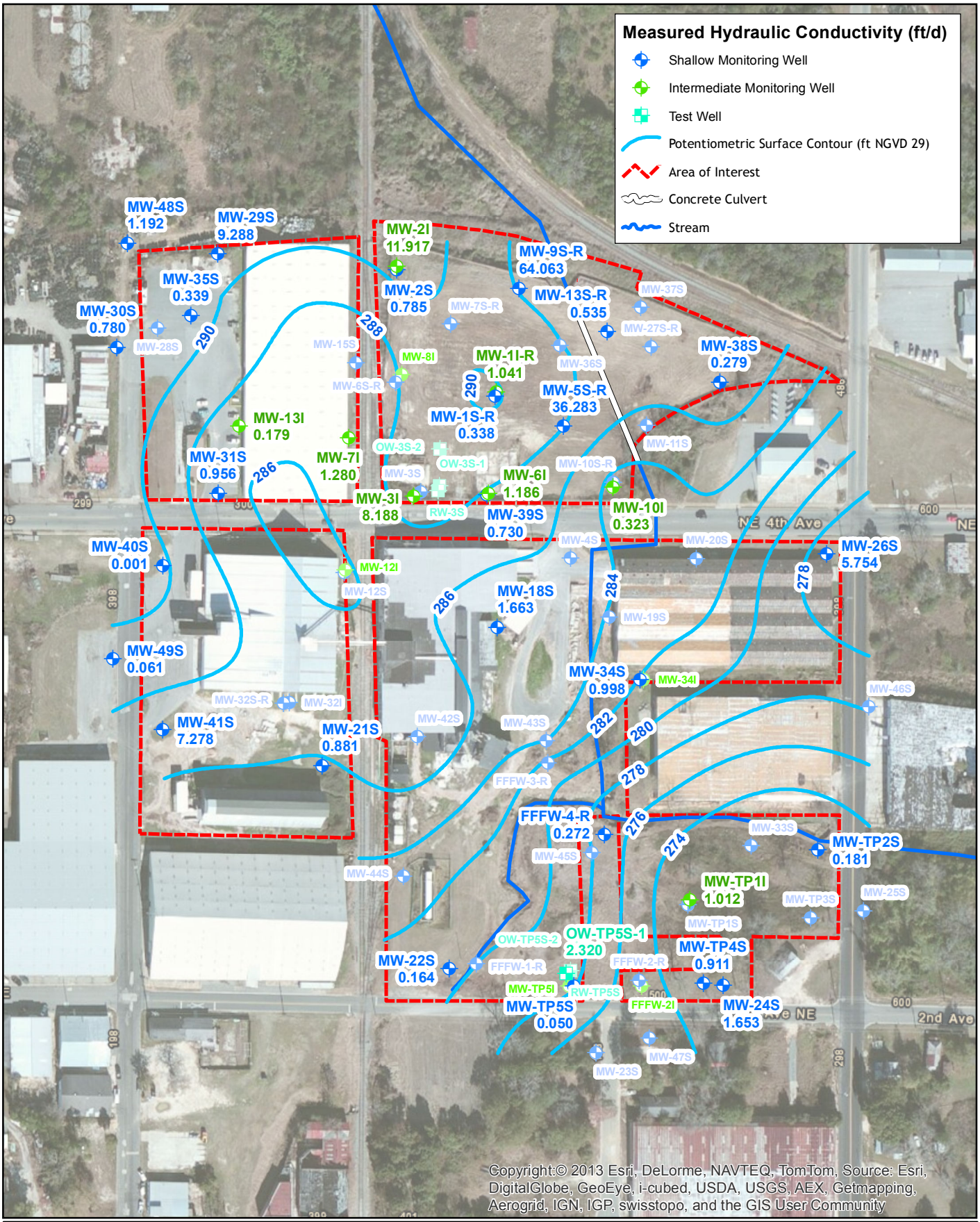
Coordinate System: Georgia Stateplane West, NAD 83, Feet

Figure 13

USGS Stream Gage Locations

C. Beauvais

G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\VIRP_model\figure13_stream_gage_locations.mxd



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Moultrie, Georgia

URS Tallahassee

August 2013

N

200 100 0 200

Feet

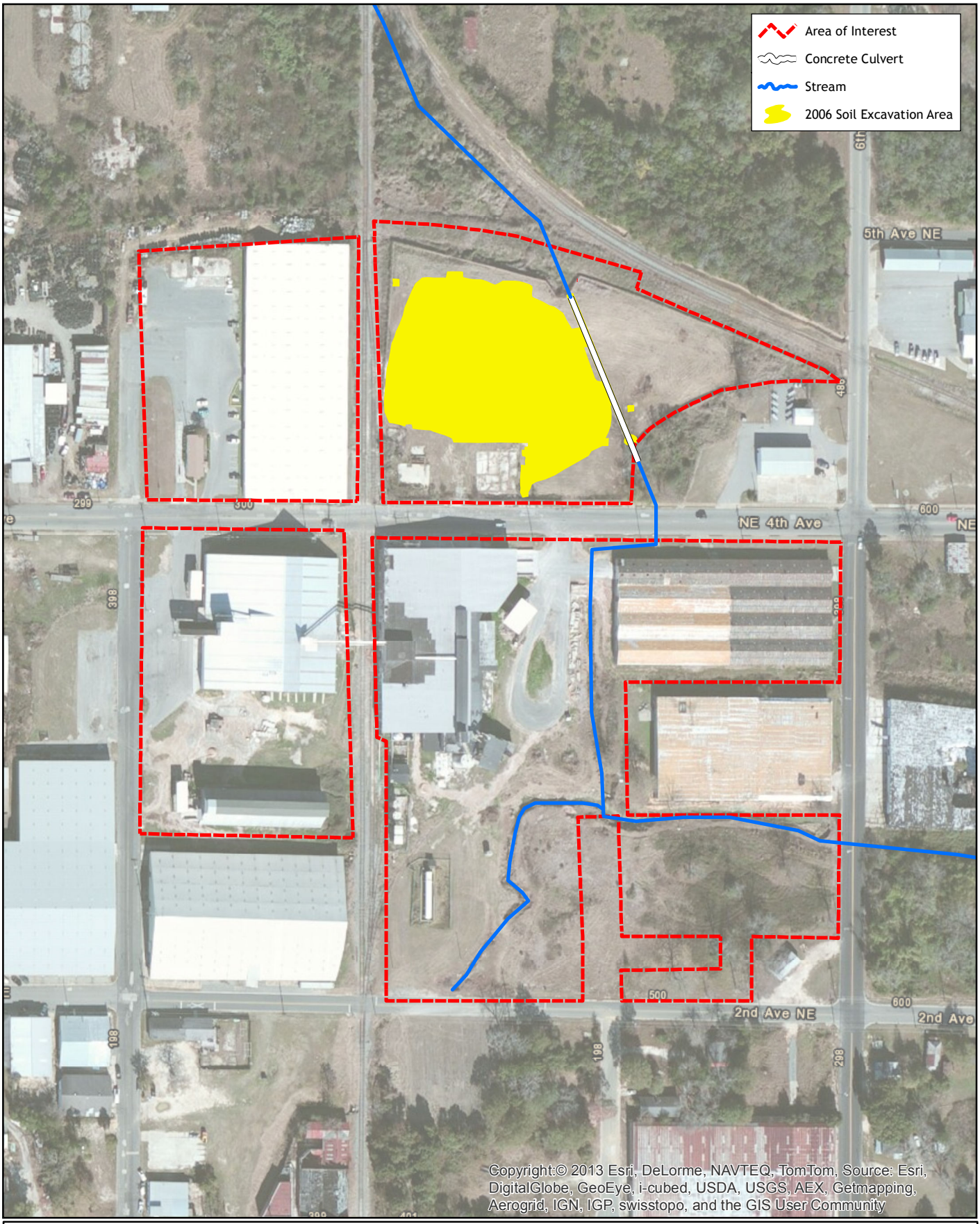
Coordinate System: Georgia Stateplane West, NAD 83, Feet

Figure 14

Hydraulic Conductivity Values

C. Beauvais

G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\VIRP_model\figure14_Kvals_potsurf.mxd



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Fertilizer Site

Moultrie, Georgia

URS
Tallahassee

August 2013

200 100 0 200
Feet

Coordinate System: Georgia Stateplane West, NAD 83, Feet

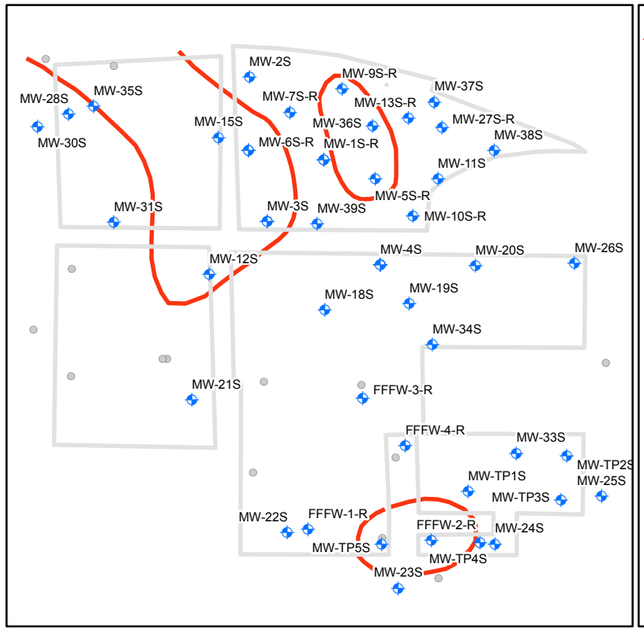
Figure 15

Lead Impacted Soil
Excavation Area

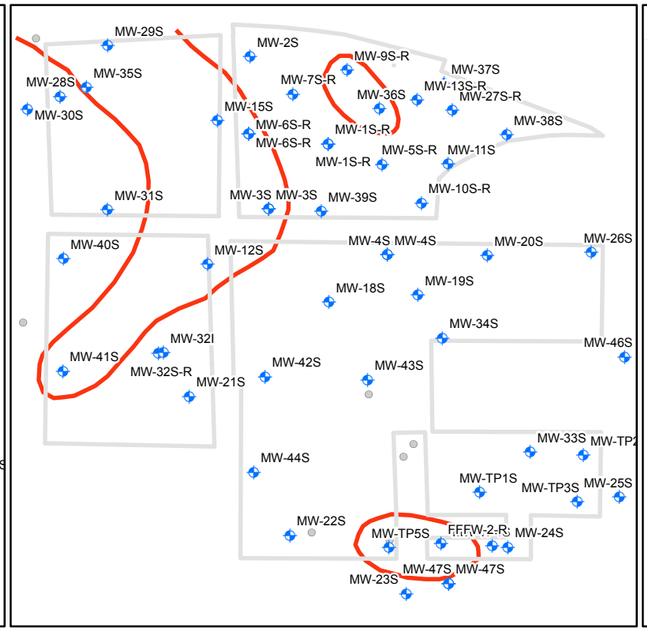
C. Beauvais

G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\VIRP_model\figure15_soil_excavation.mxd

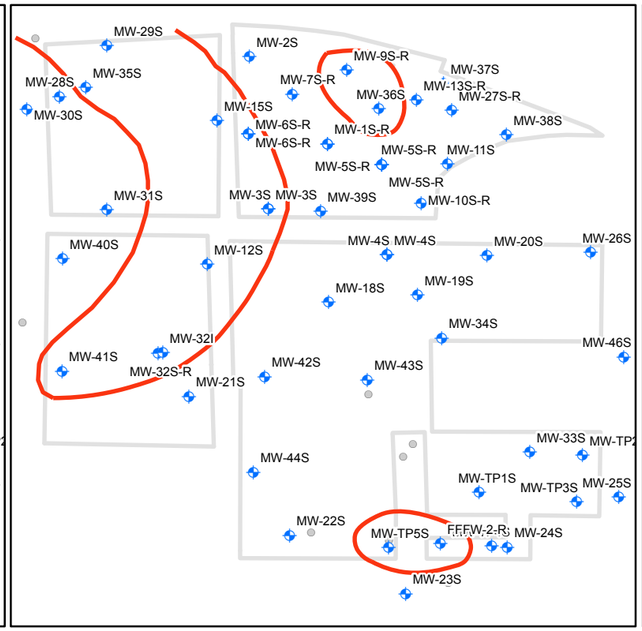
August/September 2009



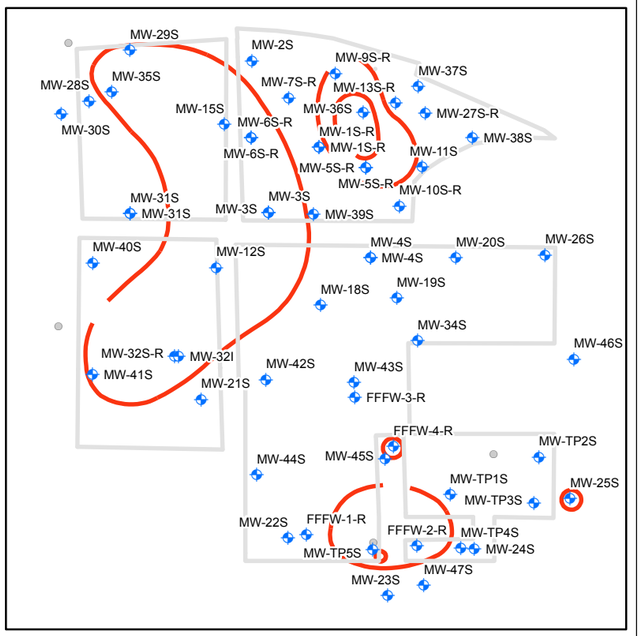
February/March 2010



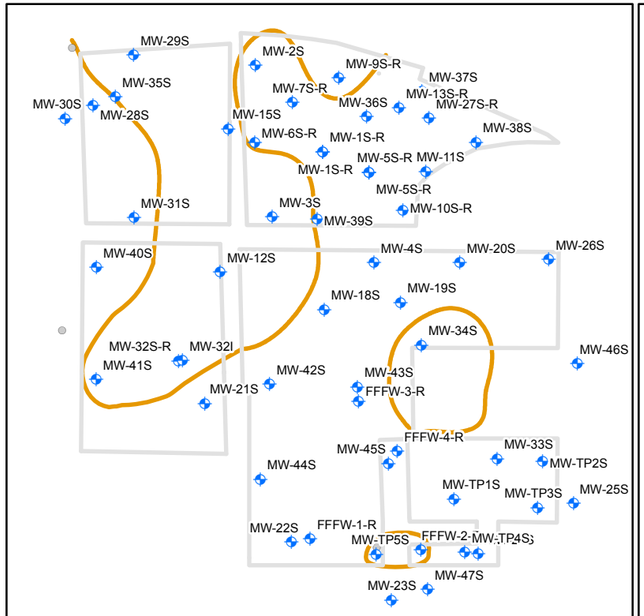
August/September 2010



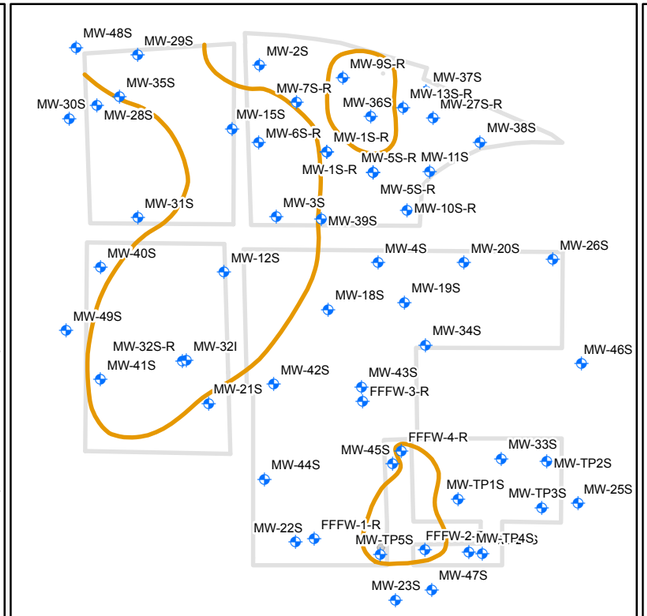
August 2011



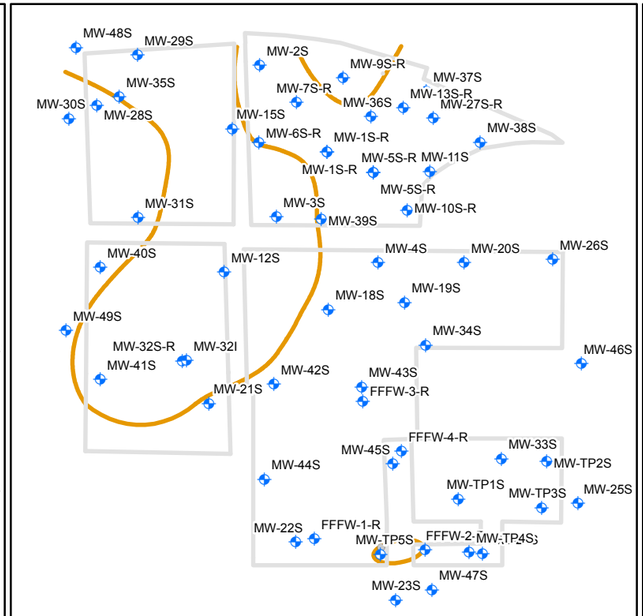
March 2012



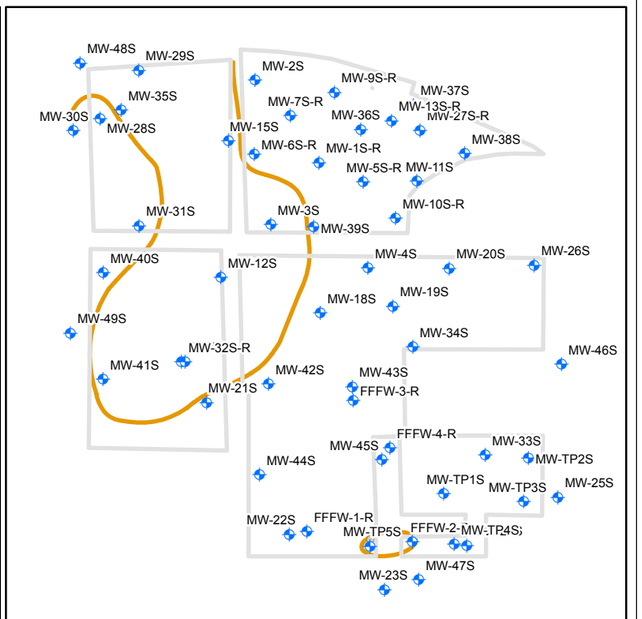
August 2012



March 2013



August 2013



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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
- Lead Delineation (URS)
- Lead Delineation (Golder)
- Approximate Parcel Boundary

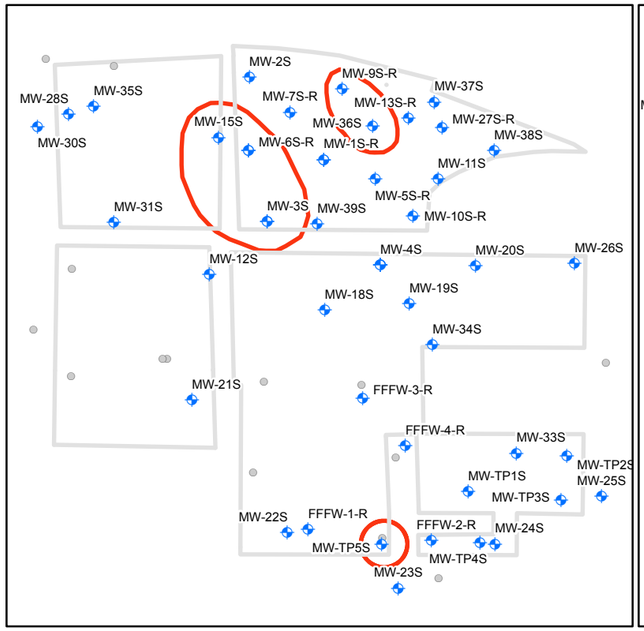
Figure 16

Extent of Lead in Groundwater
Exceeding 0.015 mg/L
(2009 - 2013)

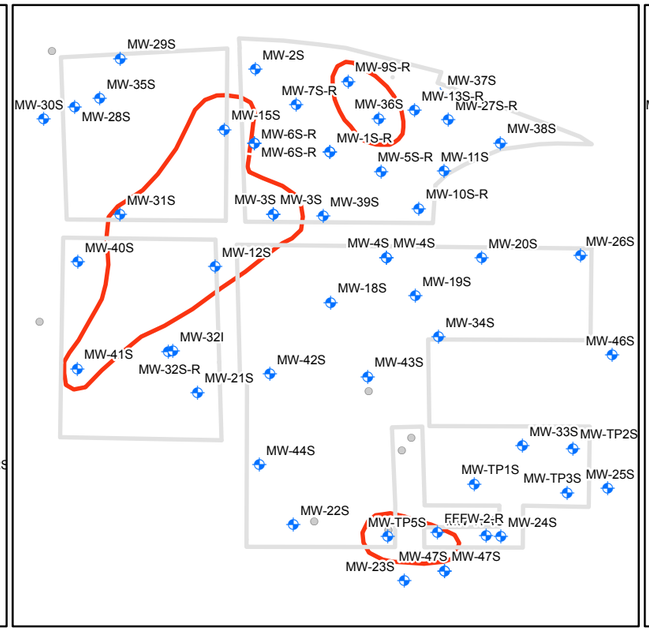
C. Beauvais

G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\VIRP_model\figure16_historical_lead.mxd

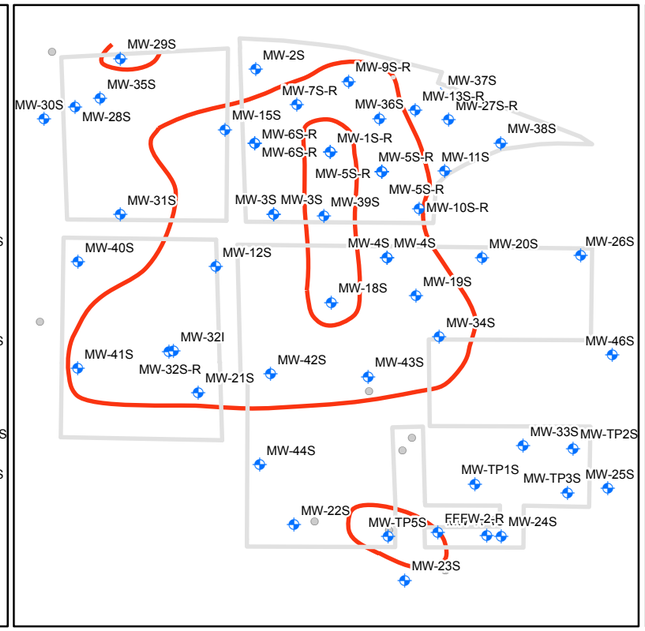
August/September 2009



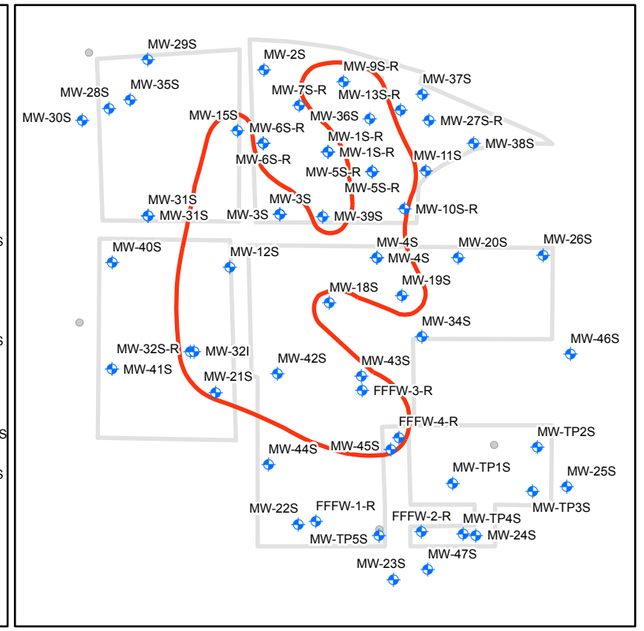
February/March 2010



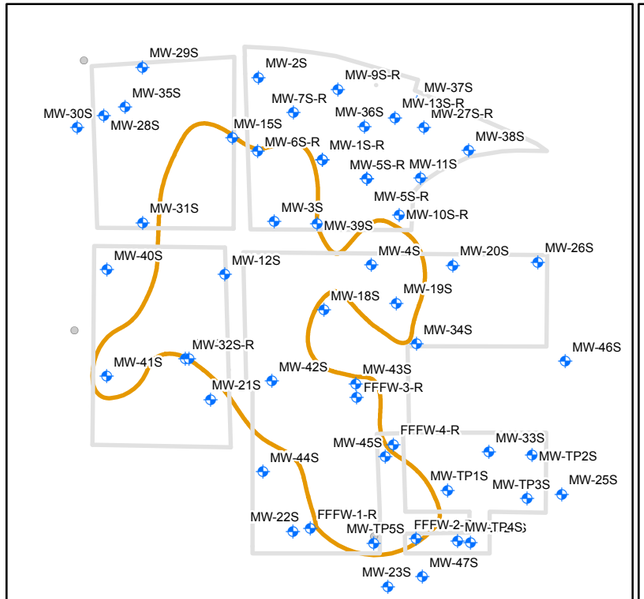
August/September 2010



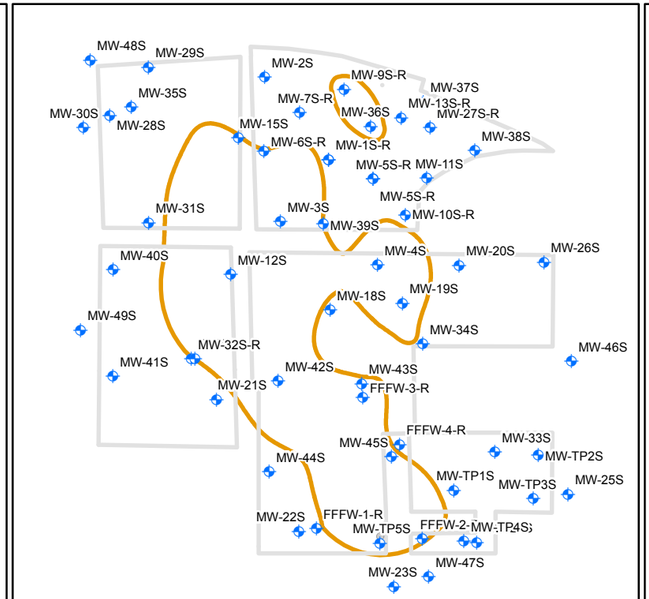
August 2011



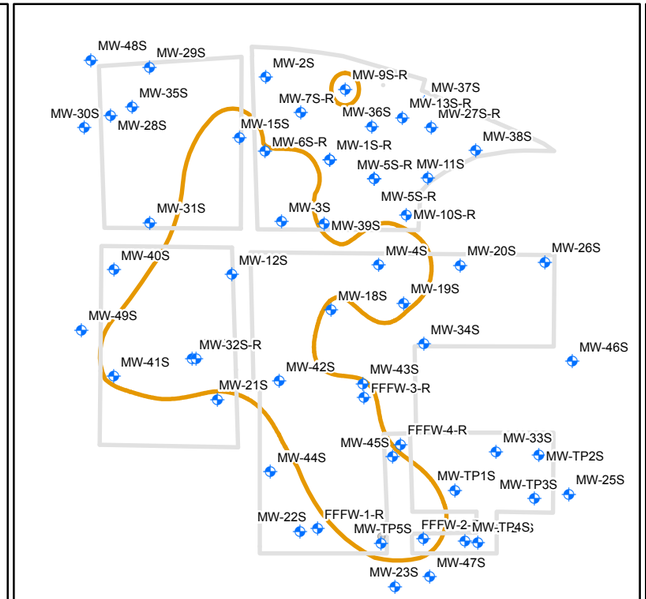
March 2012



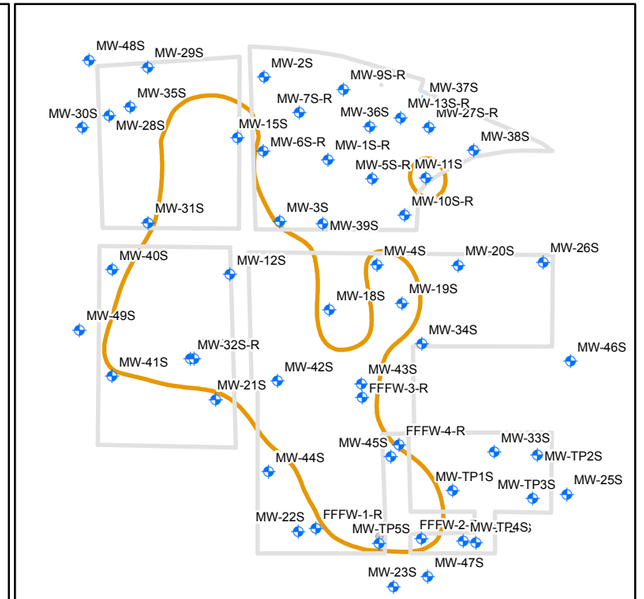
August 2012



March 2013



August 2013



Former
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Fertilizer Site

Moultrie, Georgia

URS

Tallahassee

August 2013

N

350 175 0 350

Feet

Coordinate System: Georgia Stateplane West, NAD 83, Feet

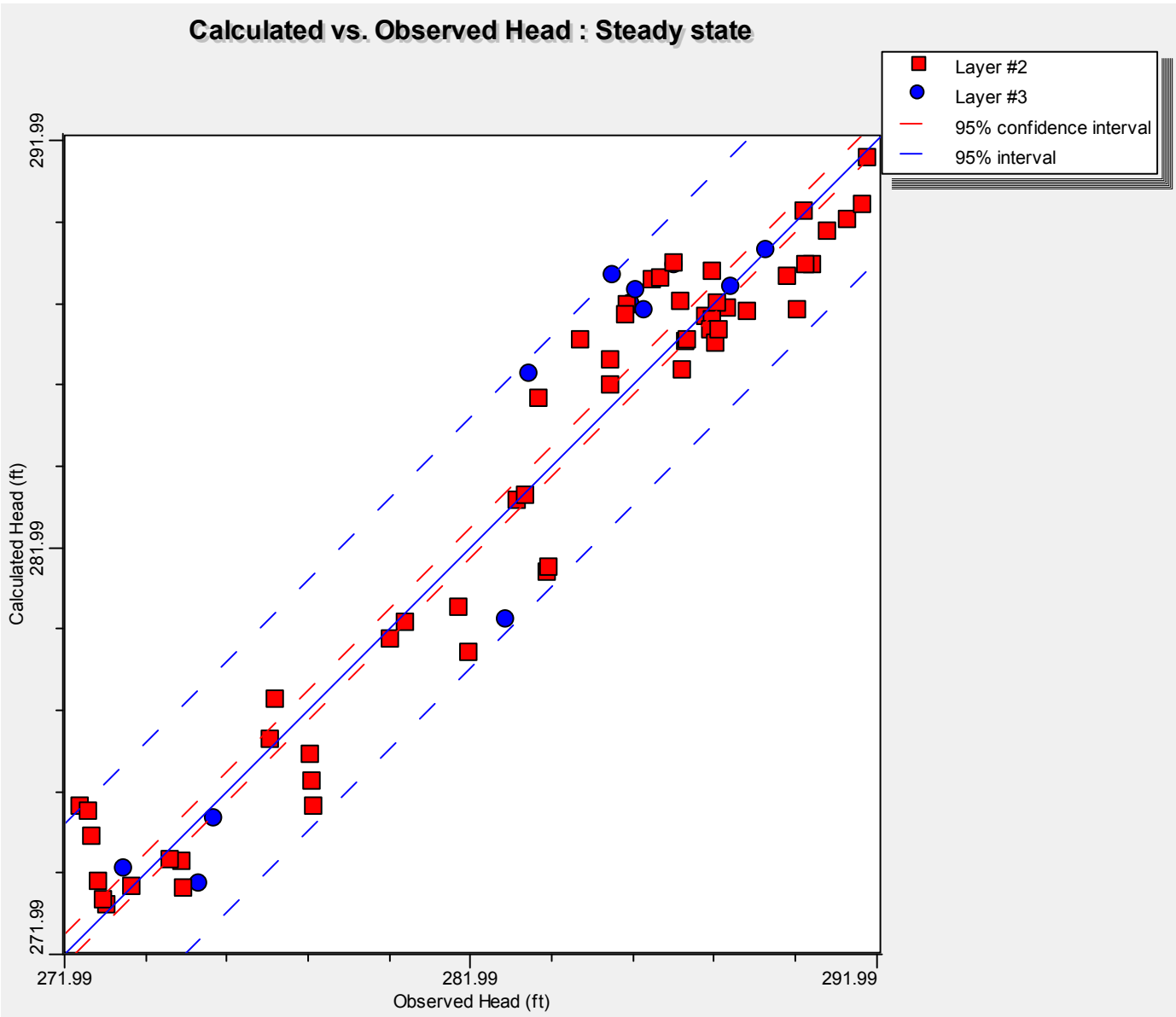
- Shallow Monitoring Well
- Intermediate Monitoring Well
- Test Well
- Well Not Installed
- Arsenic Delineation (URS)
- Approximate Parcel Boundary
- Arsenic Delineation (Golder)

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

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Fertilizer Site

Moultrie, Georgia

URS
Tallahassee

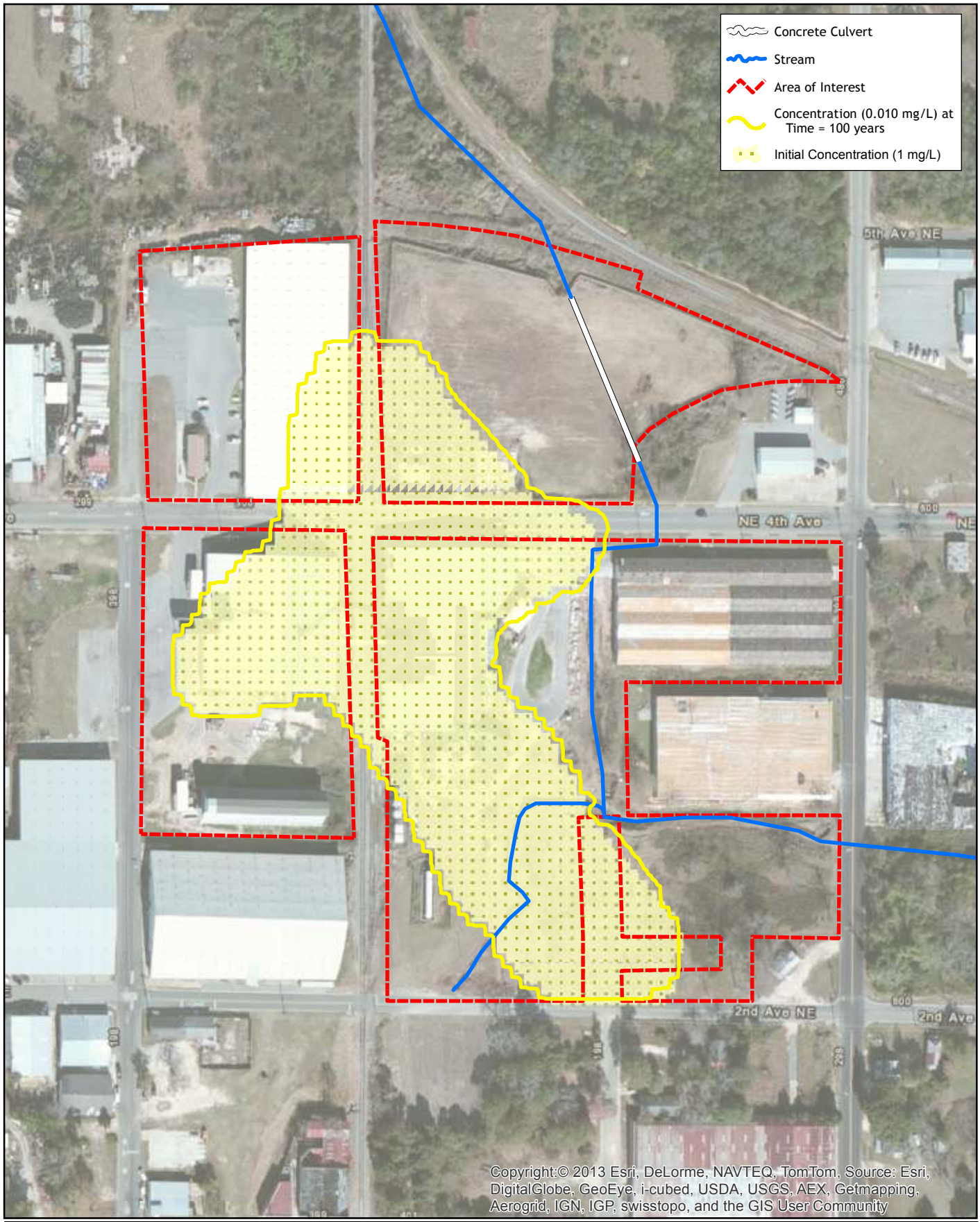
August 2013

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

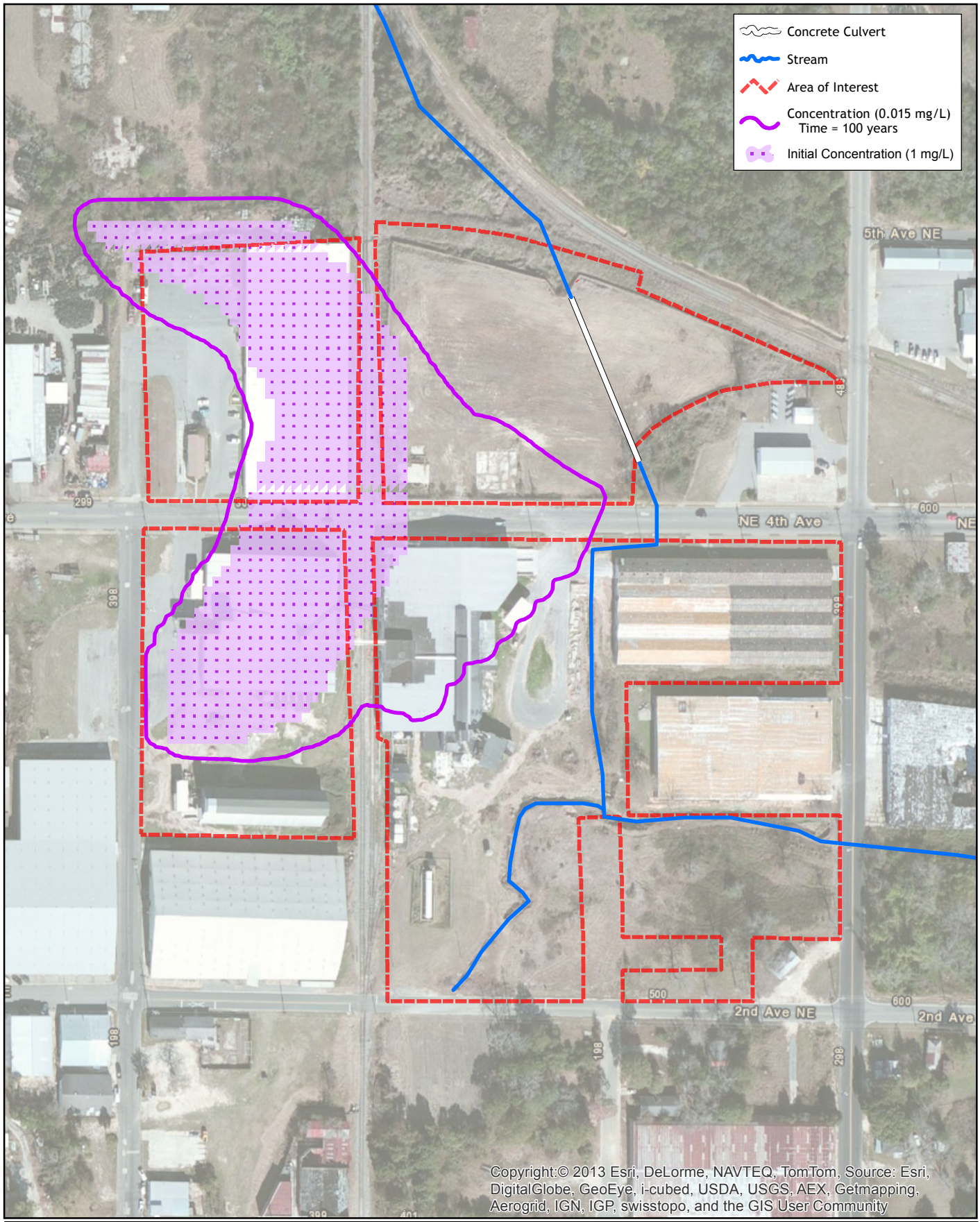
Coordinate System: Georgia Stateplane West, NAD 83, Feet

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

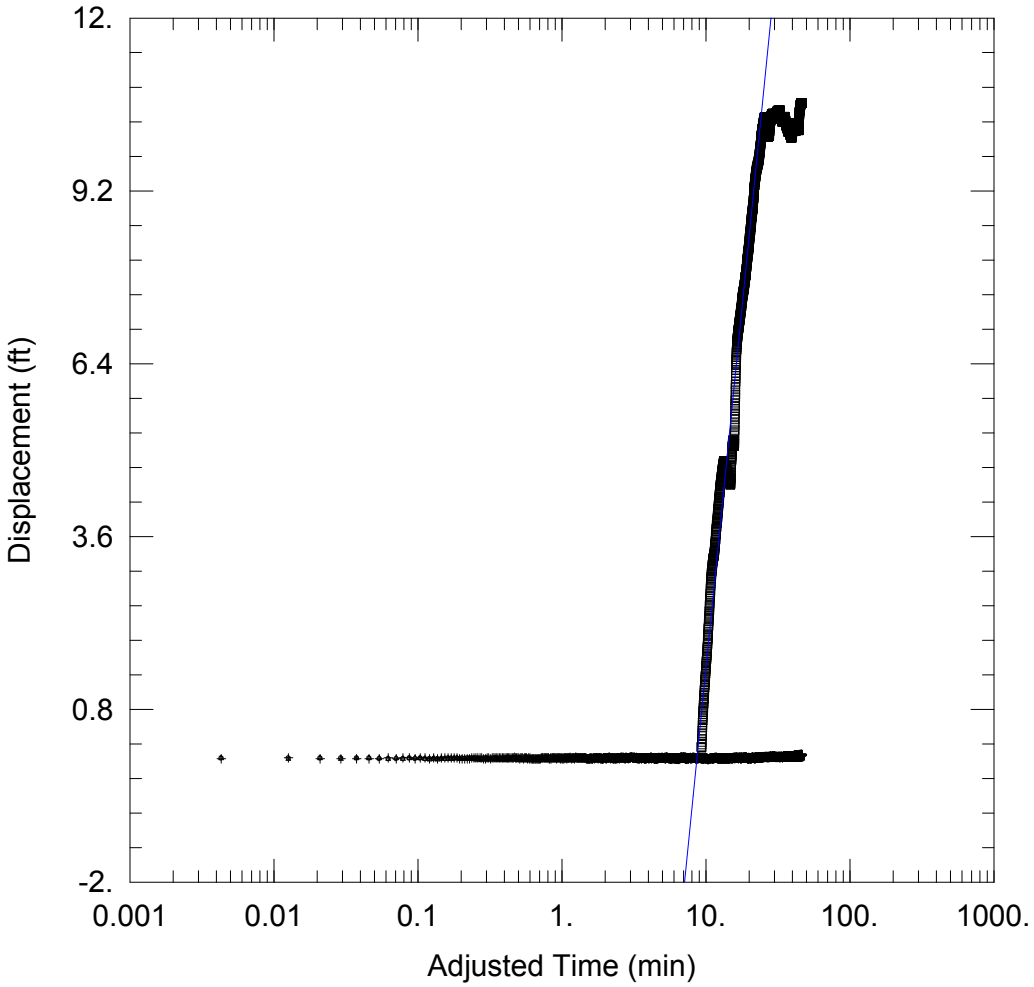
Figure 20

Extent of Lead Simulation Time of 100 years

C. Beauvais

G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXDs\VIRP_model\figure20_Pbmodel_results_rev20150305.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

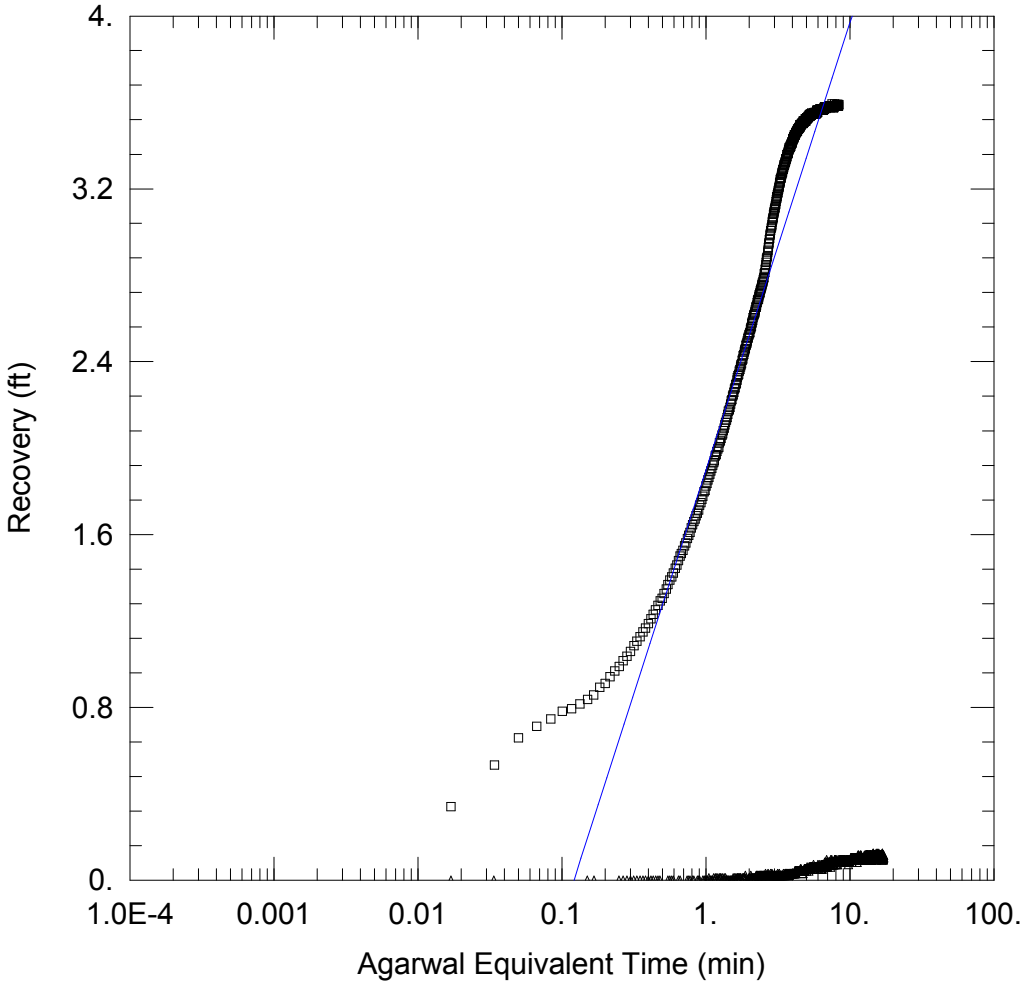
Observation Wells

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

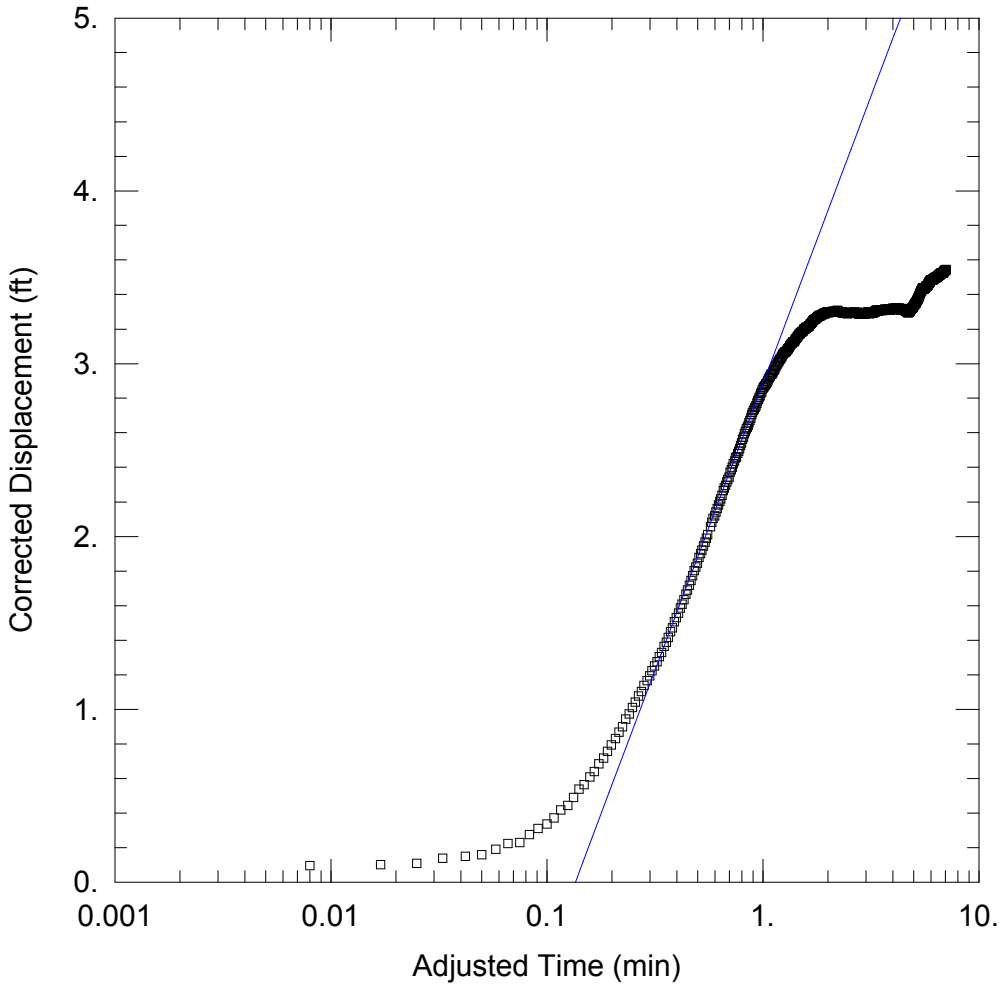
Observation Wells

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

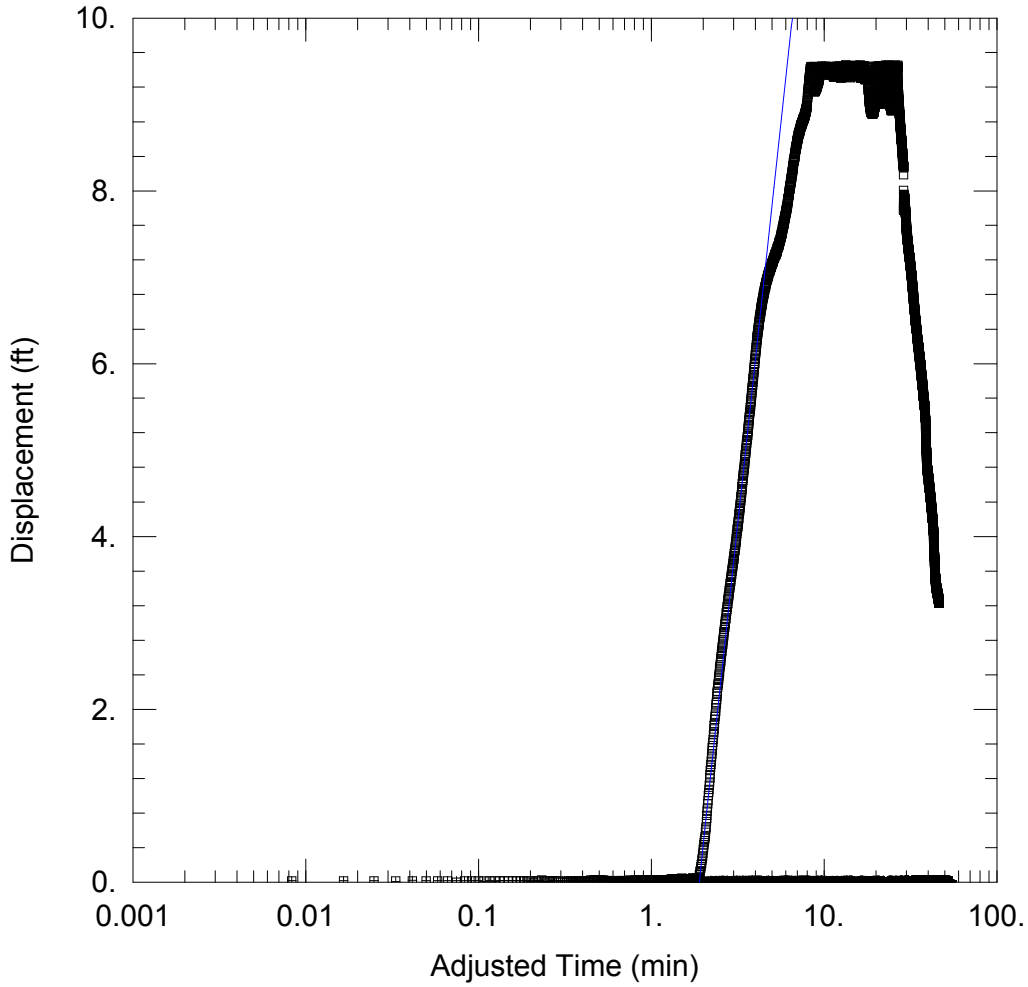
Observation Wells

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

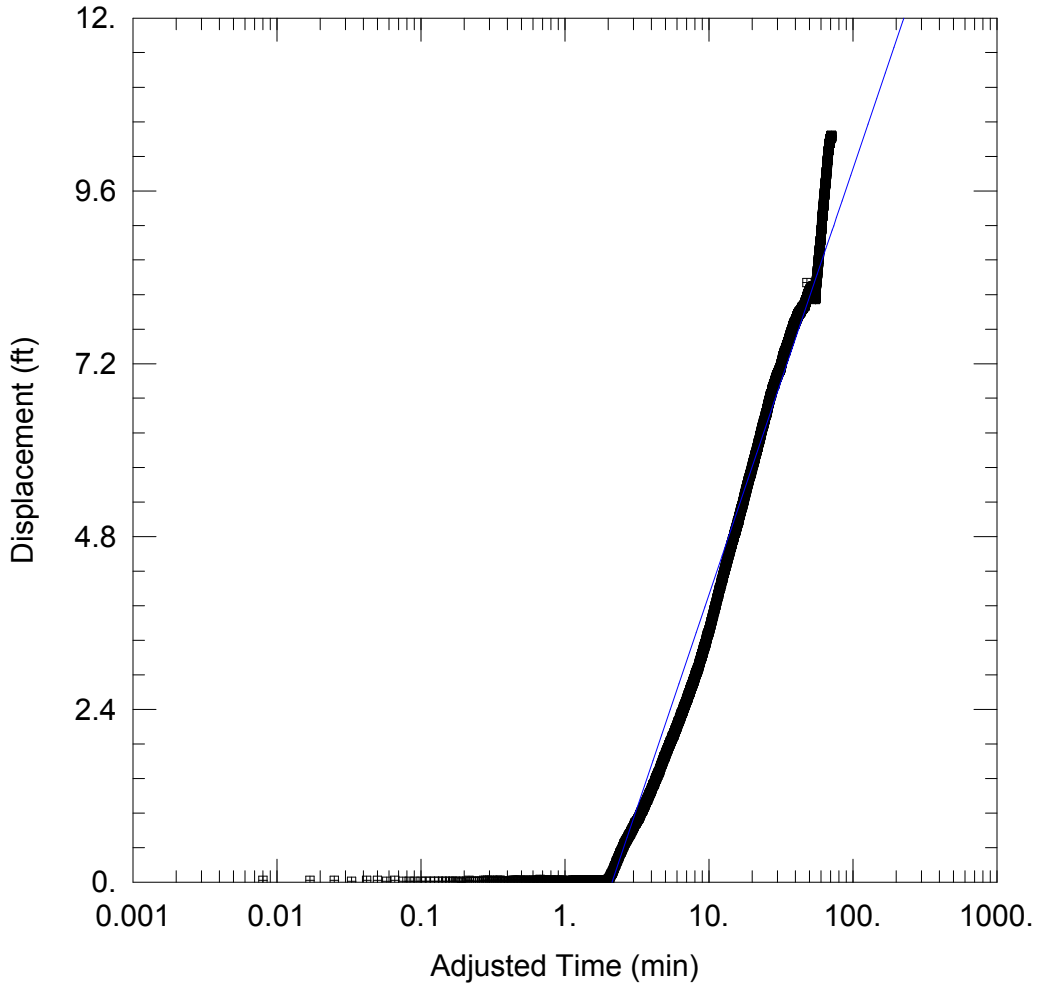
Observation Wells

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

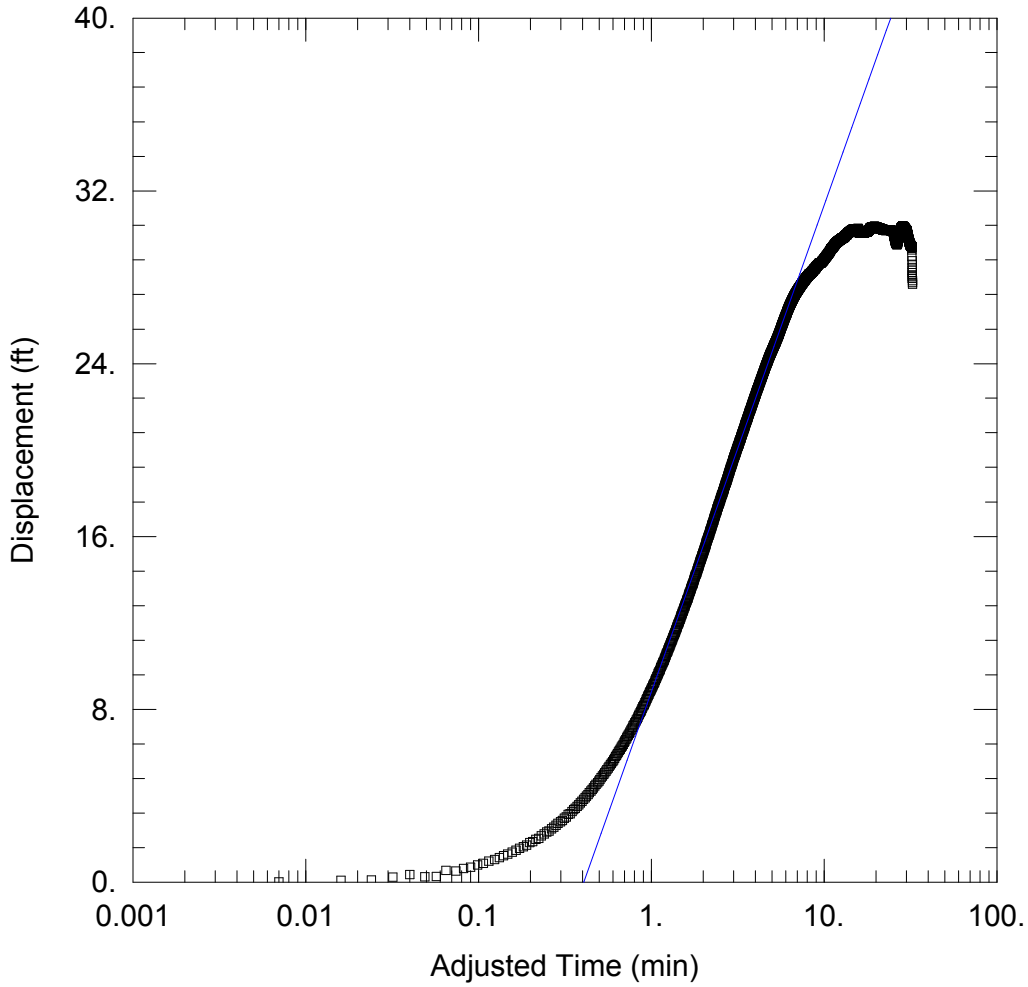
Observation Wells

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

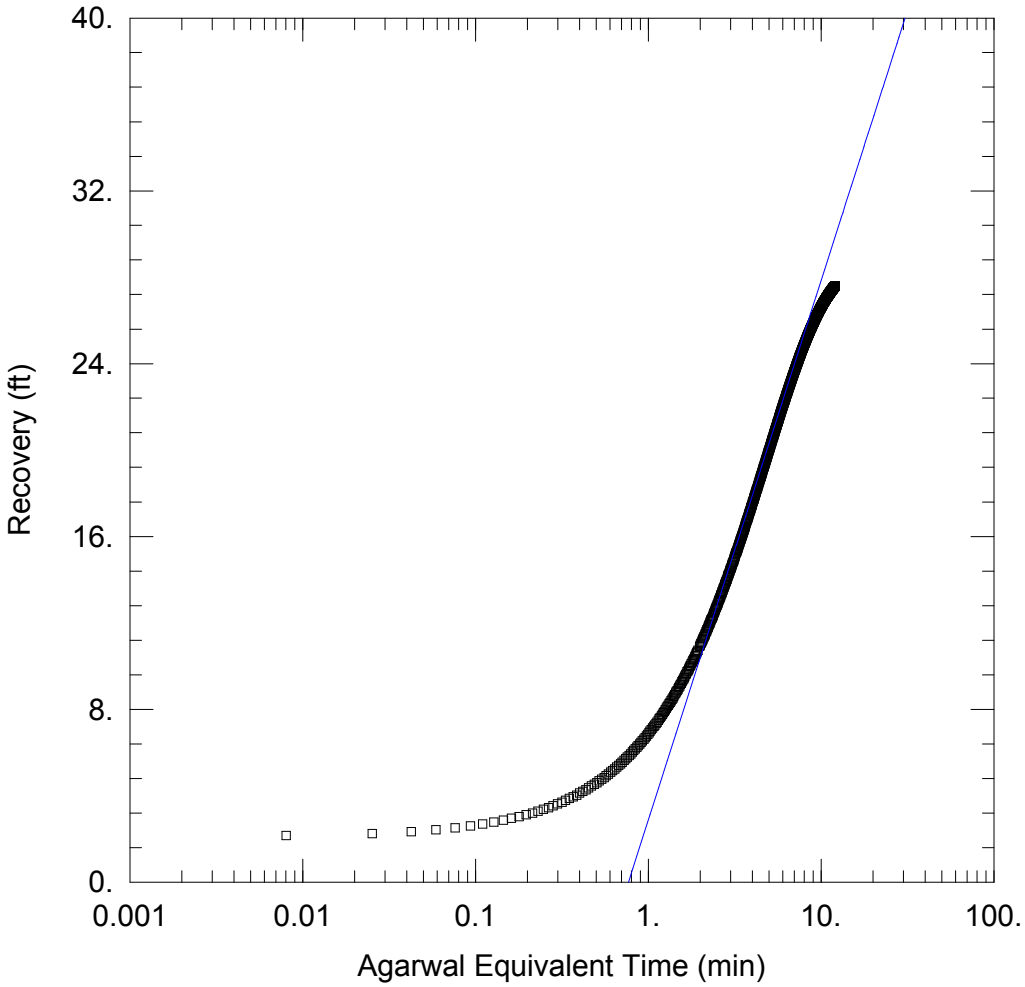
Observation Wells

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

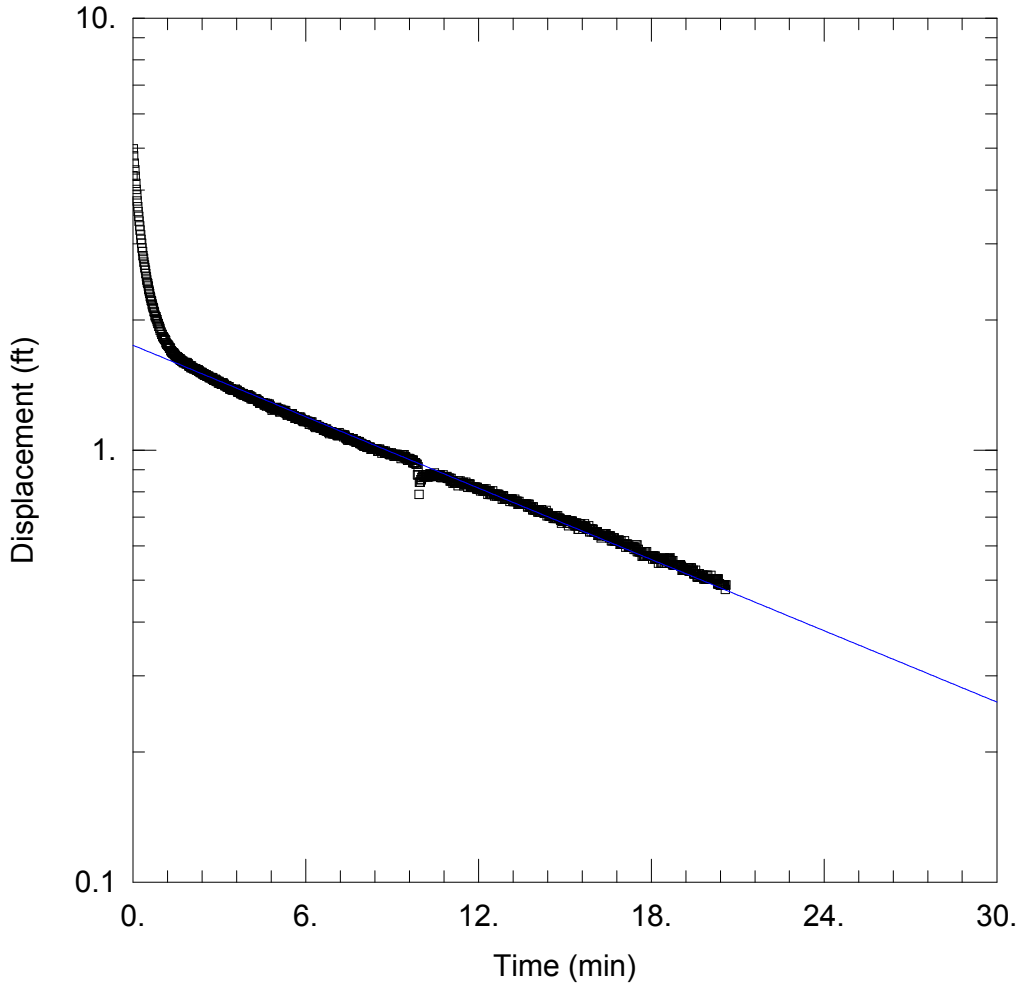
Observation Wells

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

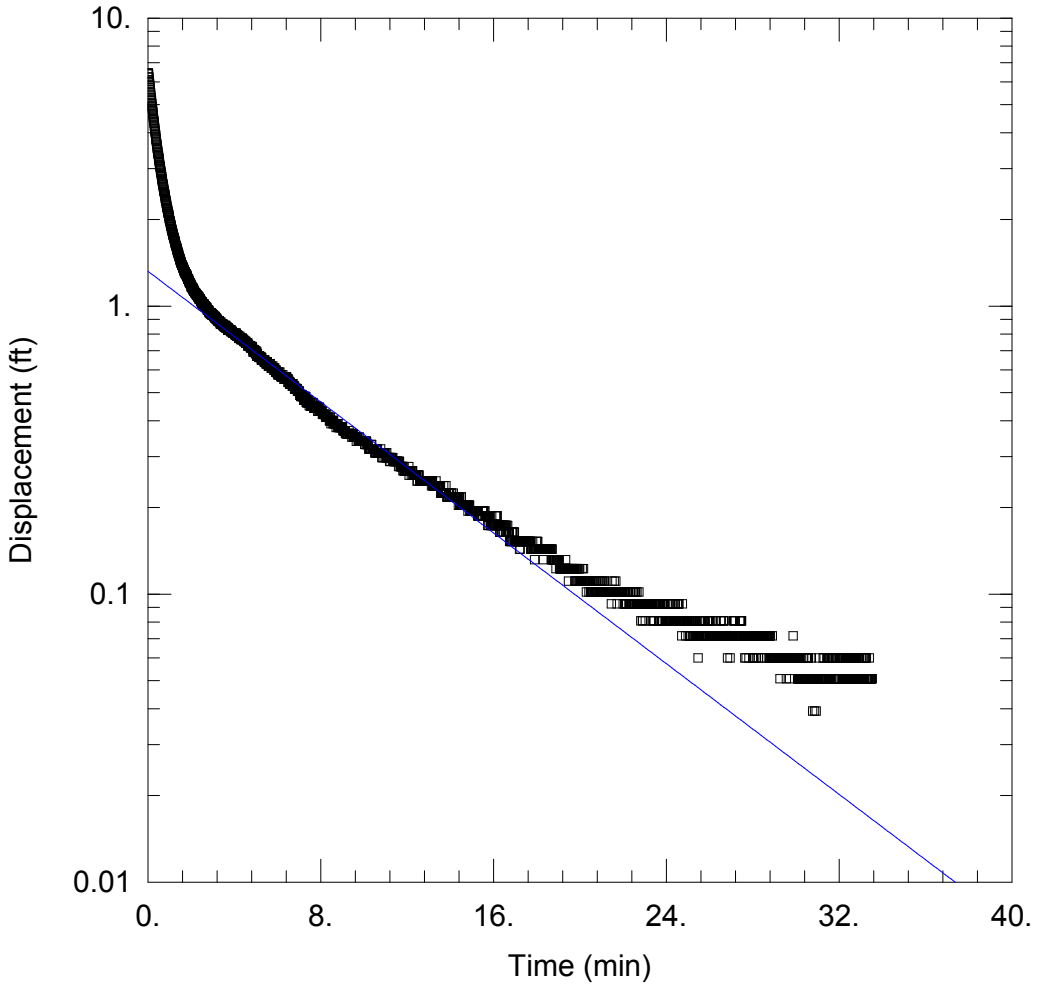
Saturated Thickness: 7.39 ft Anisotropy Ratio (Kz/Kr): 0.01

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

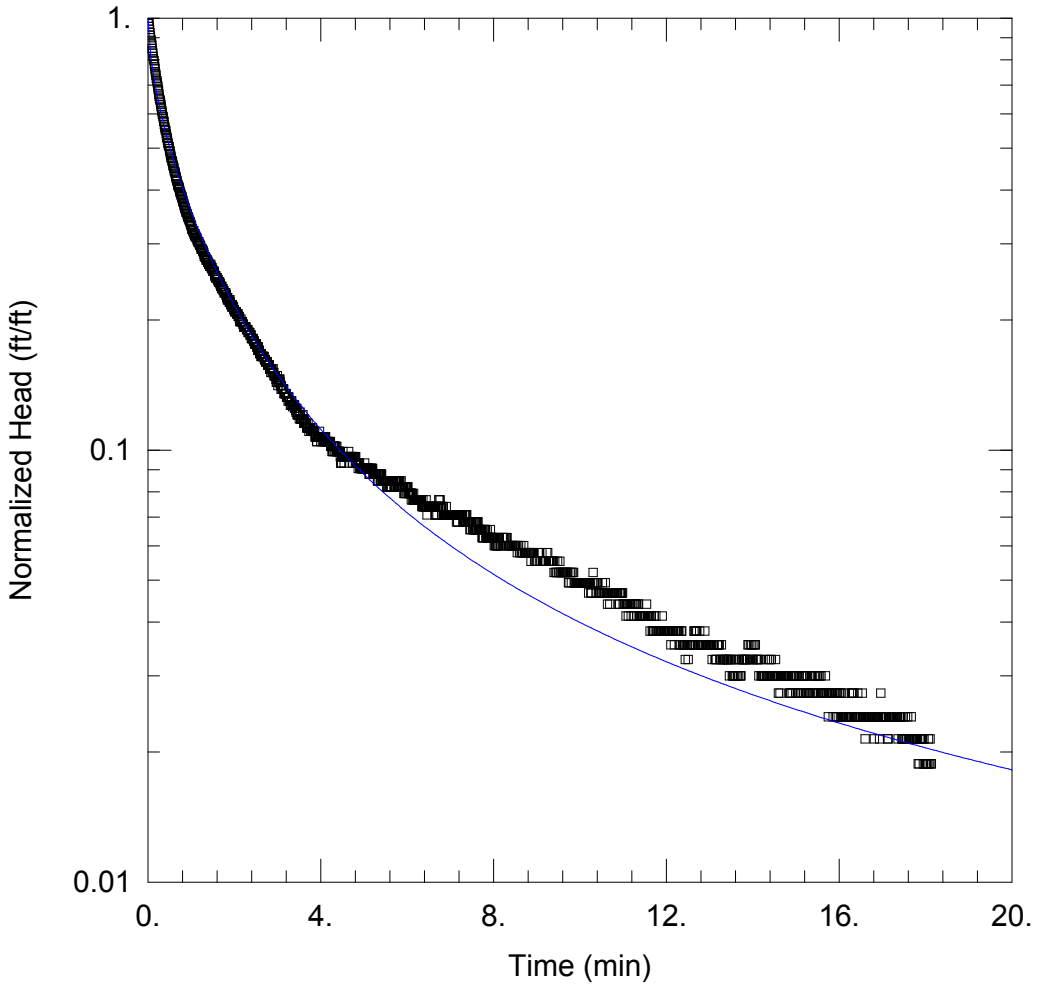
Saturated Thickness: 10. ft Anisotropy Ratio (Kz/Kr): 0.01

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

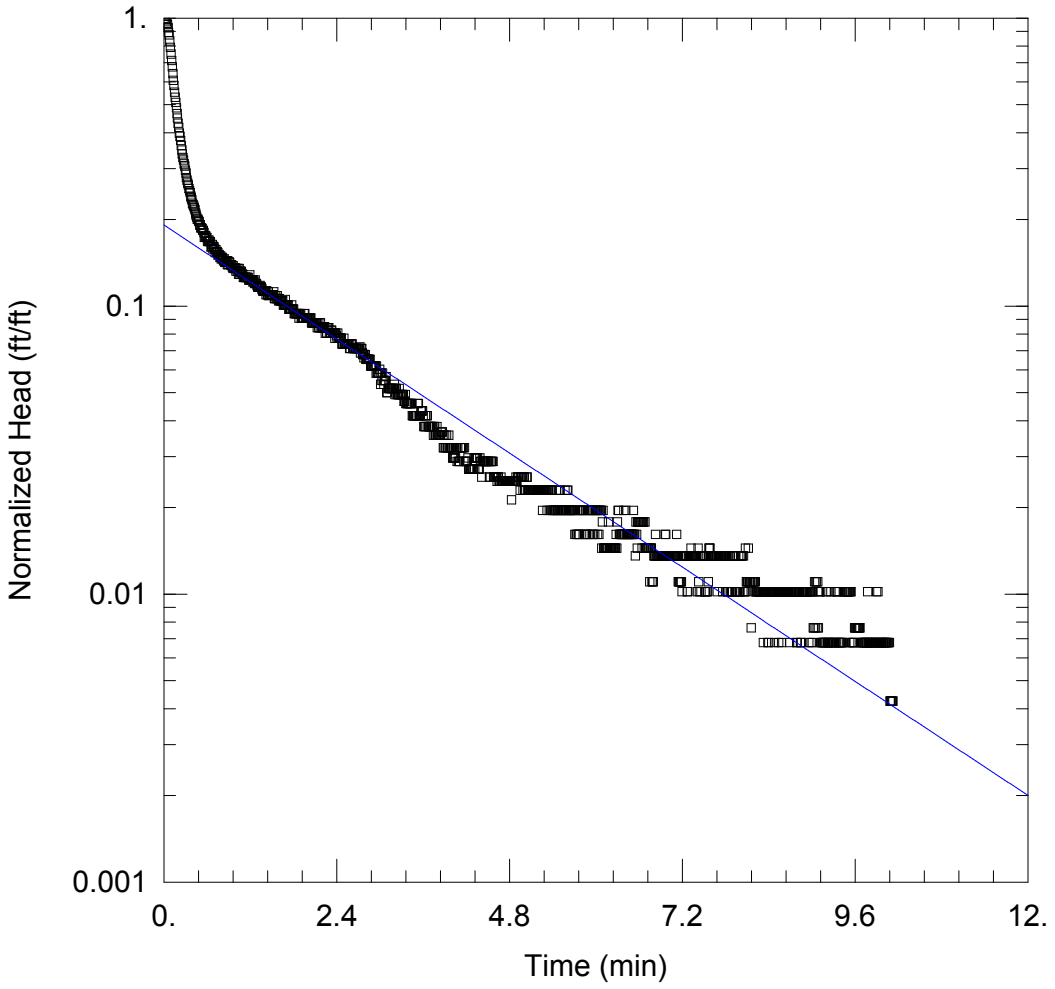
Saturated Thickness: 10.11 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-2S)

Initial Displacement: 4.306 ft
Total Well Penetration Depth: 10. ft
Casing Radius: 0.0833 ft
Static Water Column Height: 10.11 ft
Screen Length: 10. 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

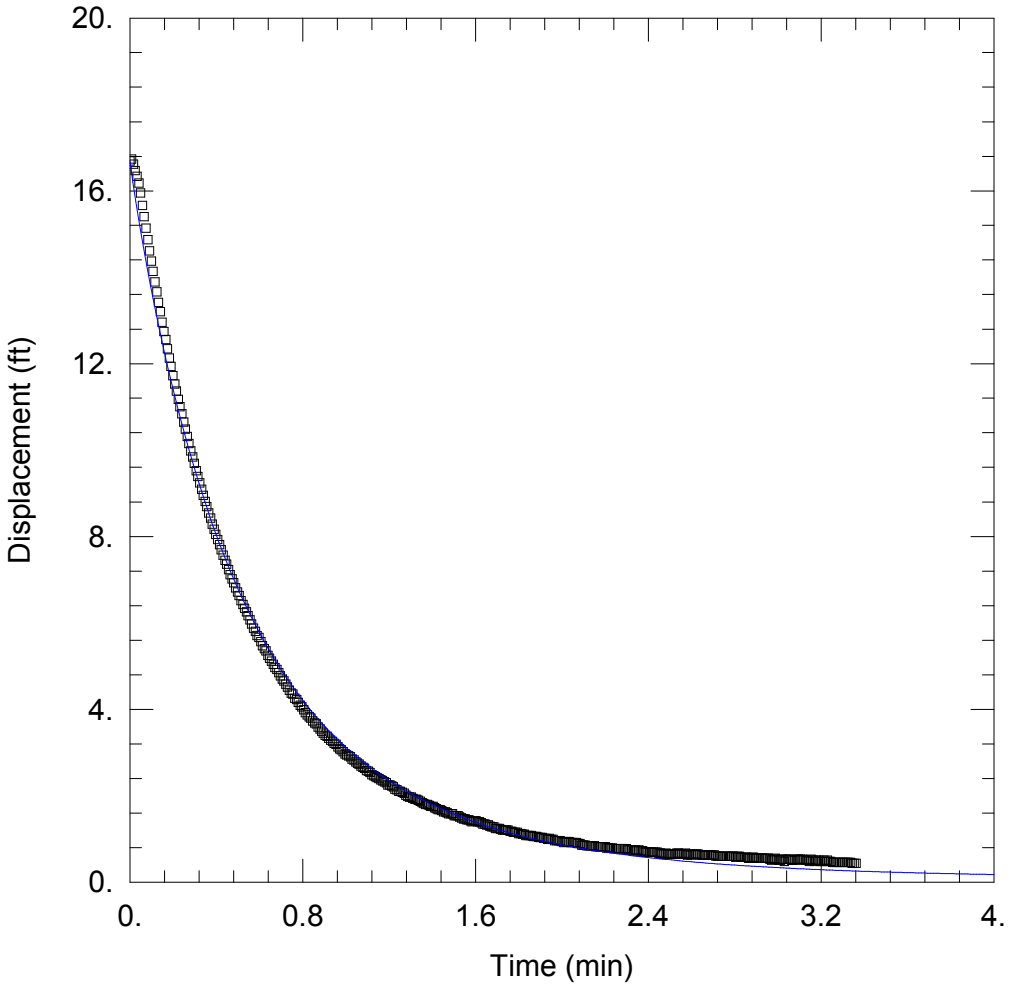
Saturated Thickness: 9.67 ft Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-39S)

Initial Displacement: 2.721 ft Static Water Column Height: 9.67 ft
Total Well Penetration Depth: 10.5 ft Screen Length: 10. ft
Casing Radius: 0.0833 ft Well Radius: 0.0833 ft

SOLUTION

Aquifer Model: Confined Solution Method: Bouwer-Rice
K = 0.7297 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

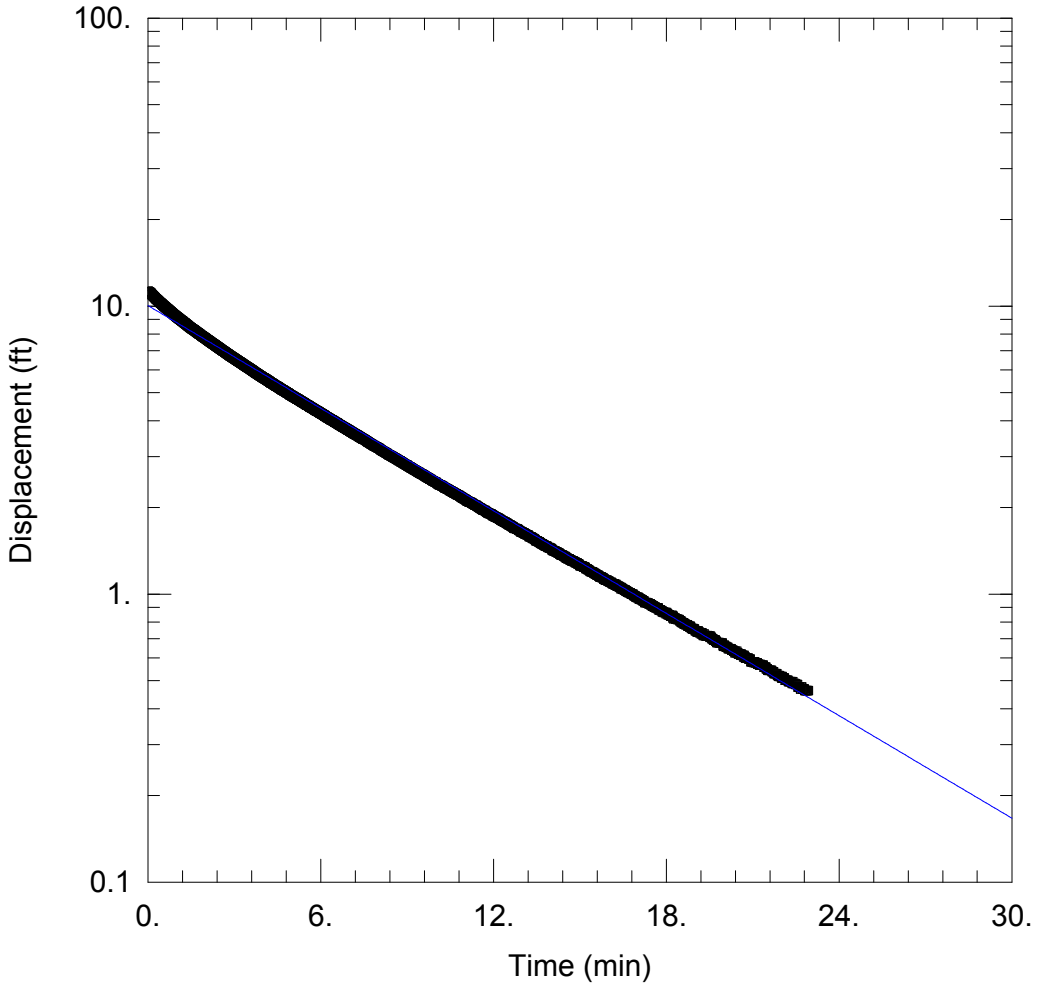
Saturated Thickness: 10. ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-29S)

Initial Displacement: 16.69 ft
Total Well Penetration Depth: 17.5 ft
Casing Radius: 0.0833 ft
Static Water Column Height: 17.9 ft
Screen Length: 10. 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

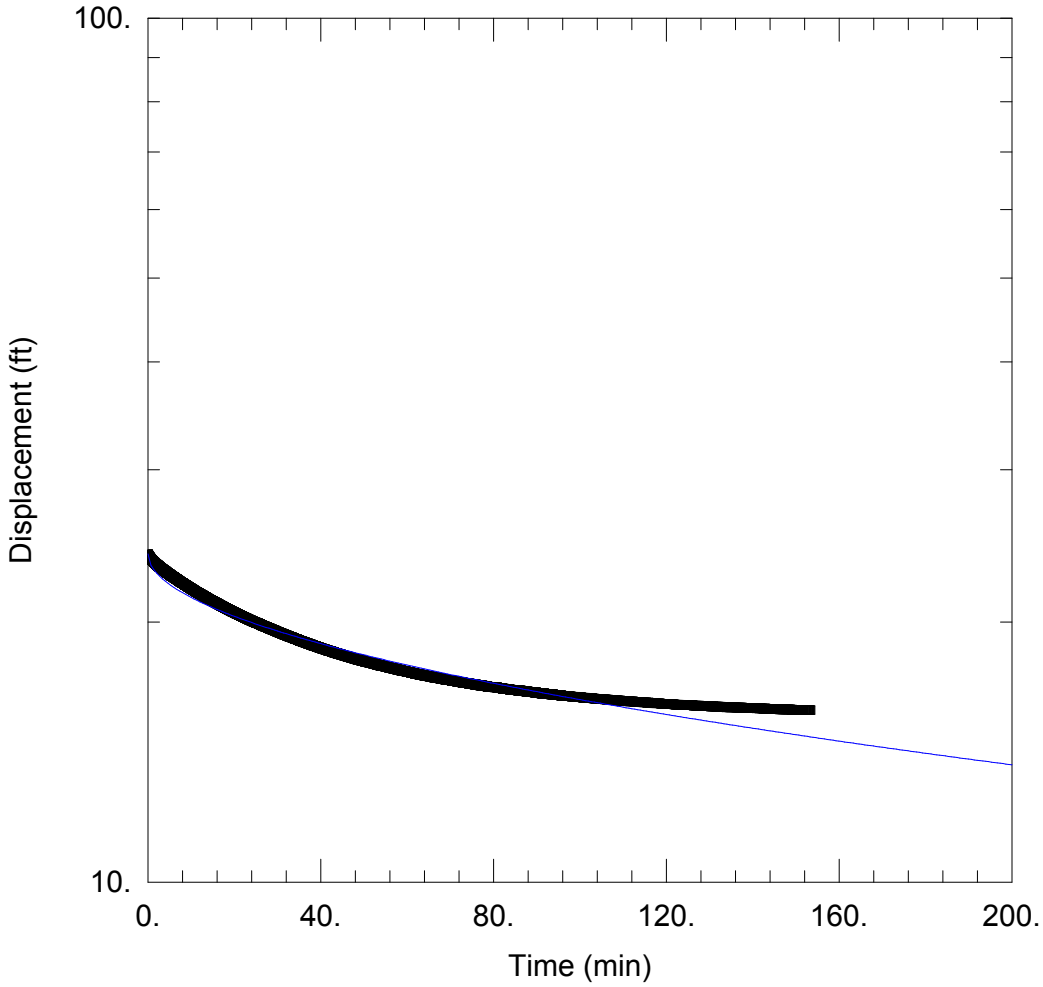
WELL DATA (MW-35S)

Initial Displacement: 11.26 ft
Total Well Penetration Depth: 13.7 ft
Casing Radius: 0.0833 ft
Static Water Column Height: 13.46 ft
Screen Length: 10. 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

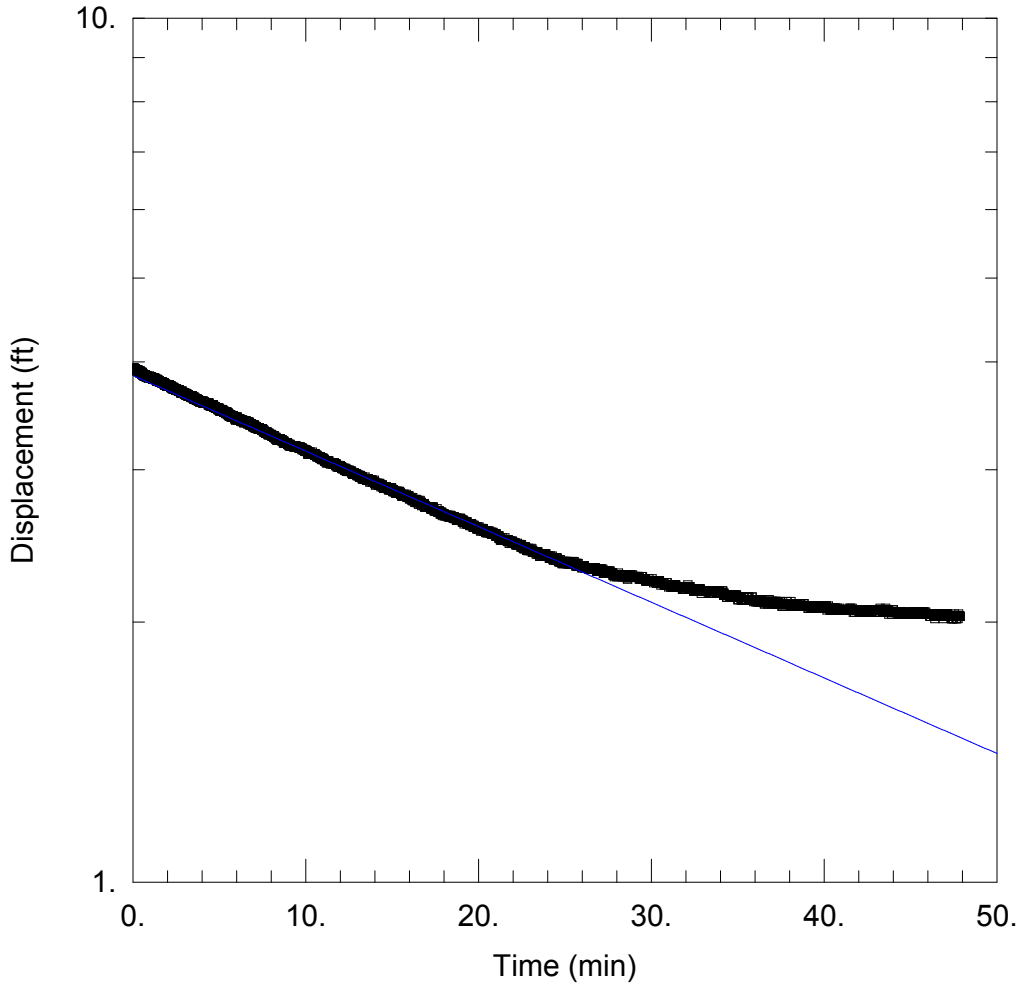
Saturated Thickness: 10. ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-40S)

Initial Displacement: 23.97 ft
Total Well Penetration Depth: 26.1 ft
Casing Radius: 0.0833 ft
Static Water Column Height: 10. ft
Screen Length: 10. 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

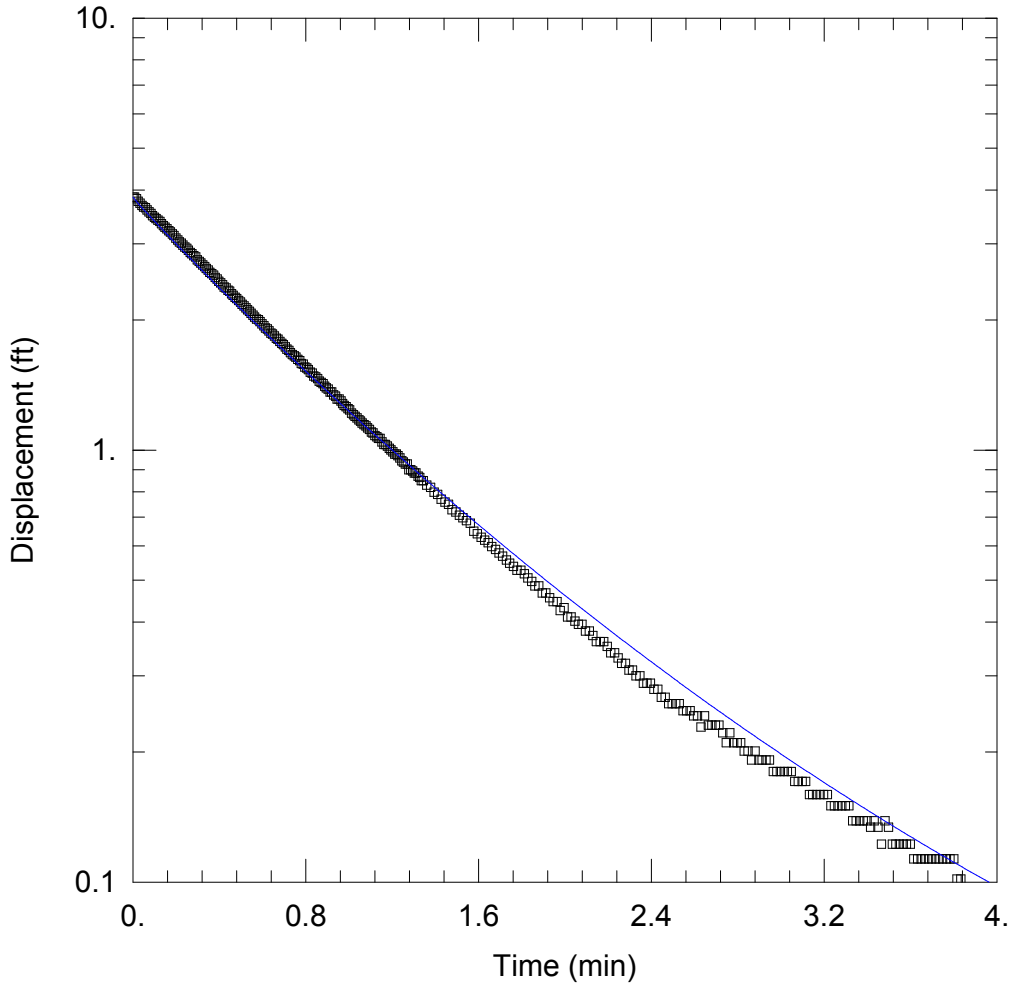
Saturated Thickness: 8.7 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-49S)

Initial Displacement: 3.94 ft
Total Well Penetration Depth: 26.04 ft
Casing Radius: 0.0833 ft
Static Water Column Height: 8.7 ft
Screen Length: 10. 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

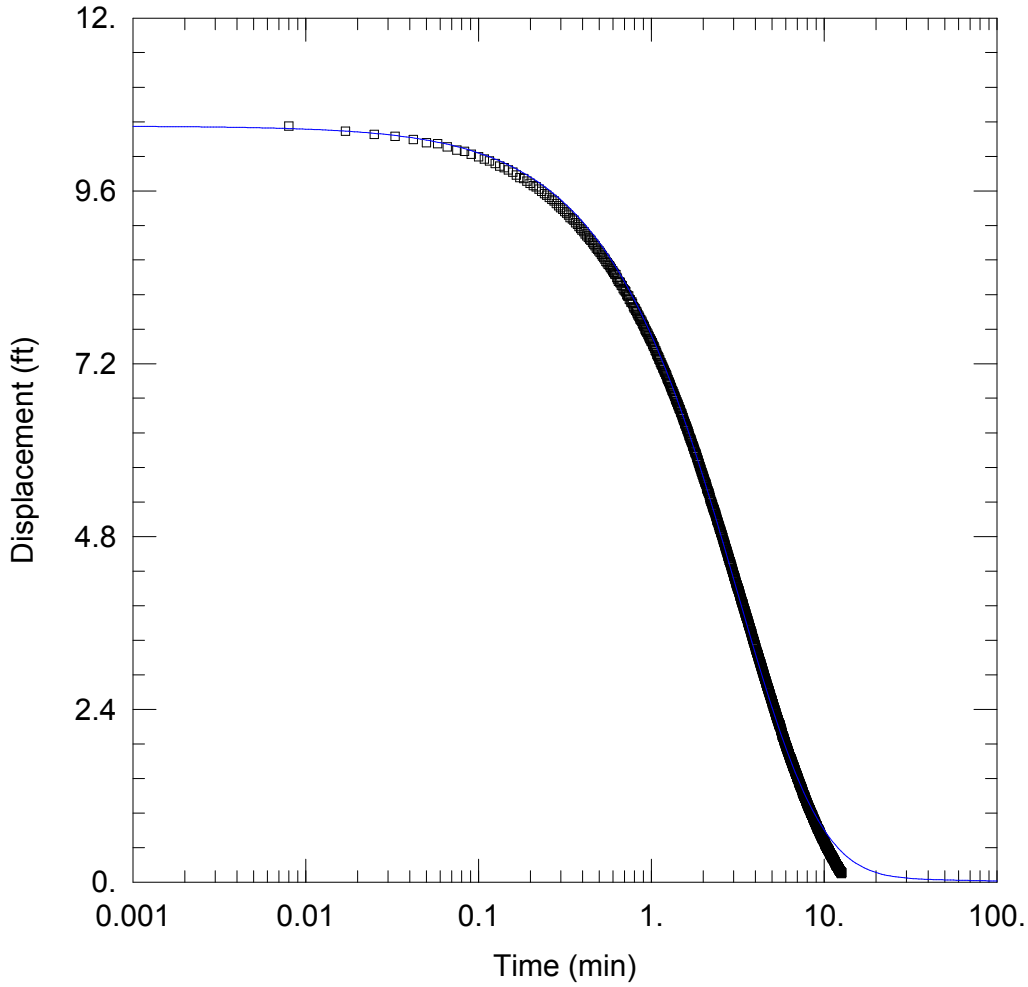
Saturated Thickness: 25.77 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-41S)

Initial Displacement: 3.85 ft
Total Well Penetration Depth: 26.17 ft
Casing Radius: 0.0833 ft
Static Water Column Height: 25.77 ft
Screen Length: 10. 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

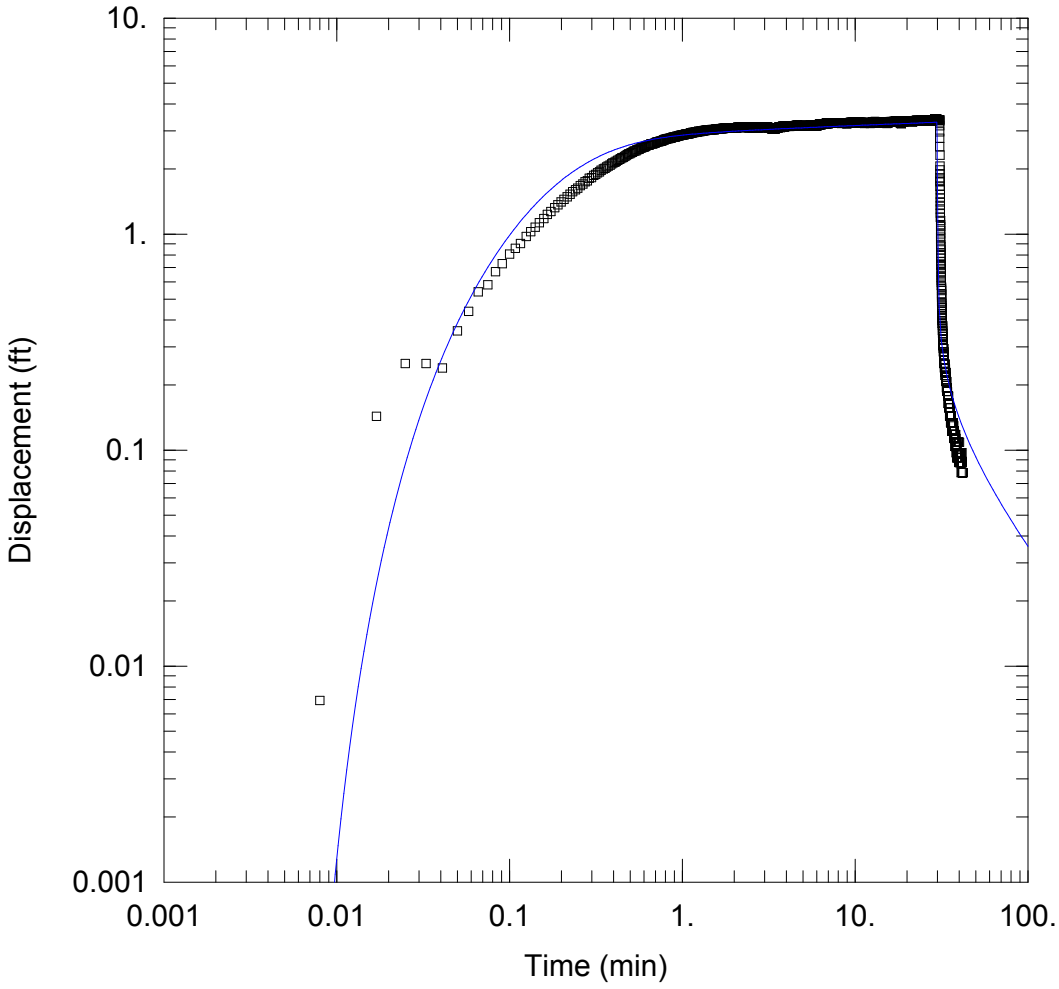
Saturated Thickness: 10. ft Anisotropy Ratio (Kz/Kr): 0.1

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

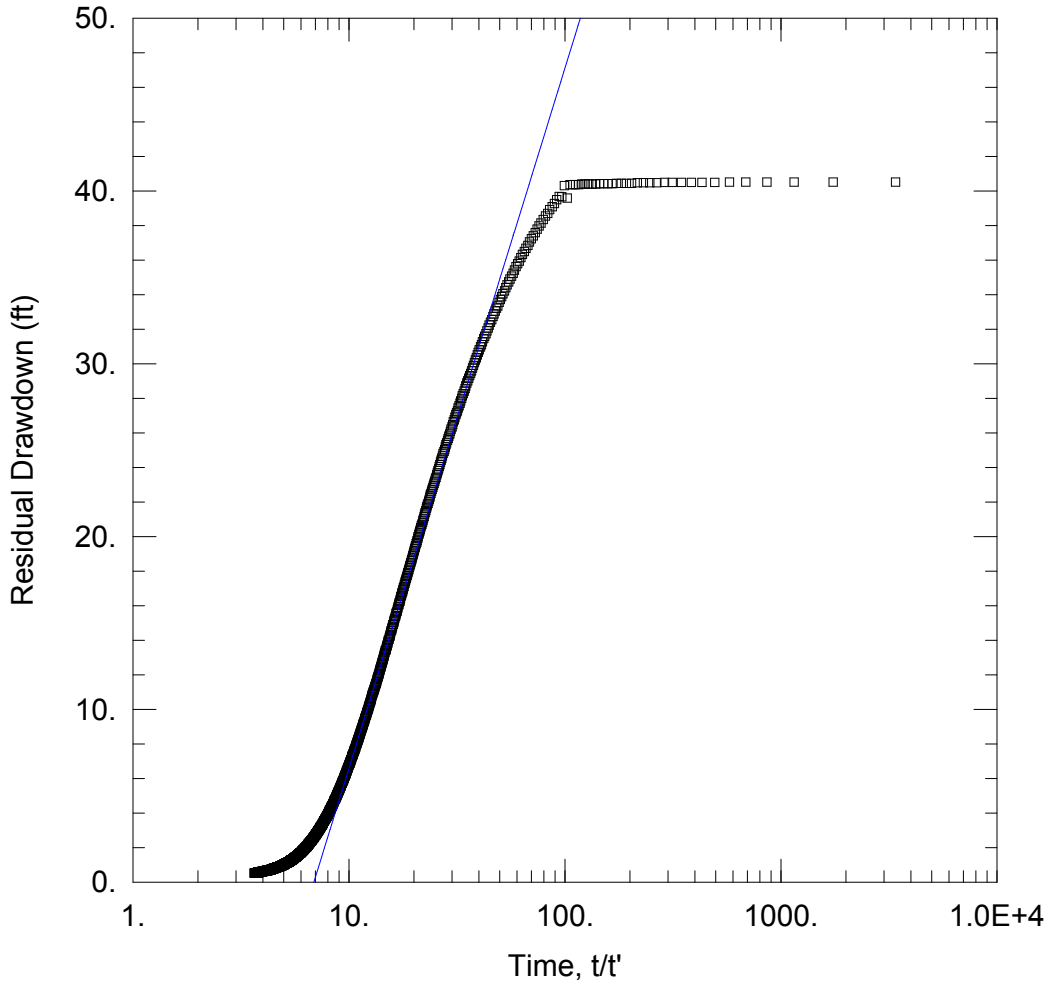
Well Name	X (ft)	Y (ft)
▫ MW-6I	0	0

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

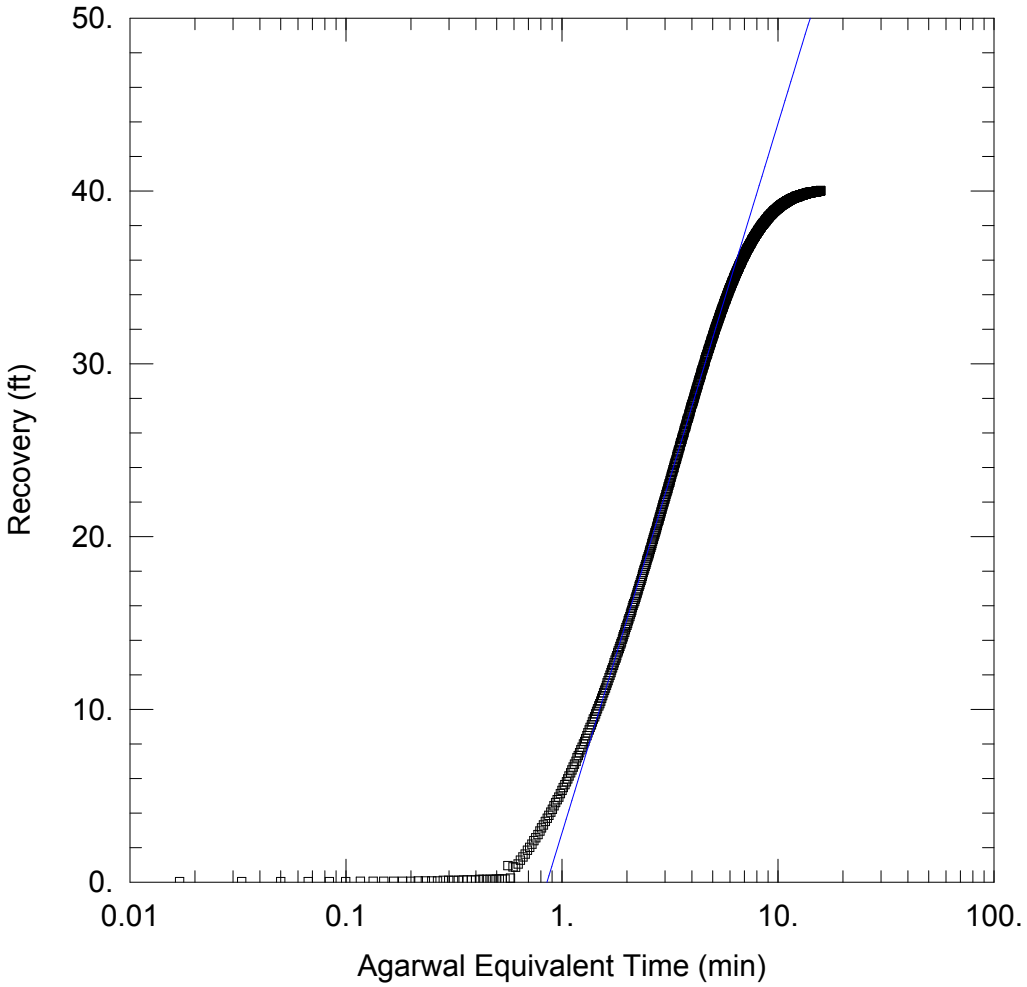
Observation Wells

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

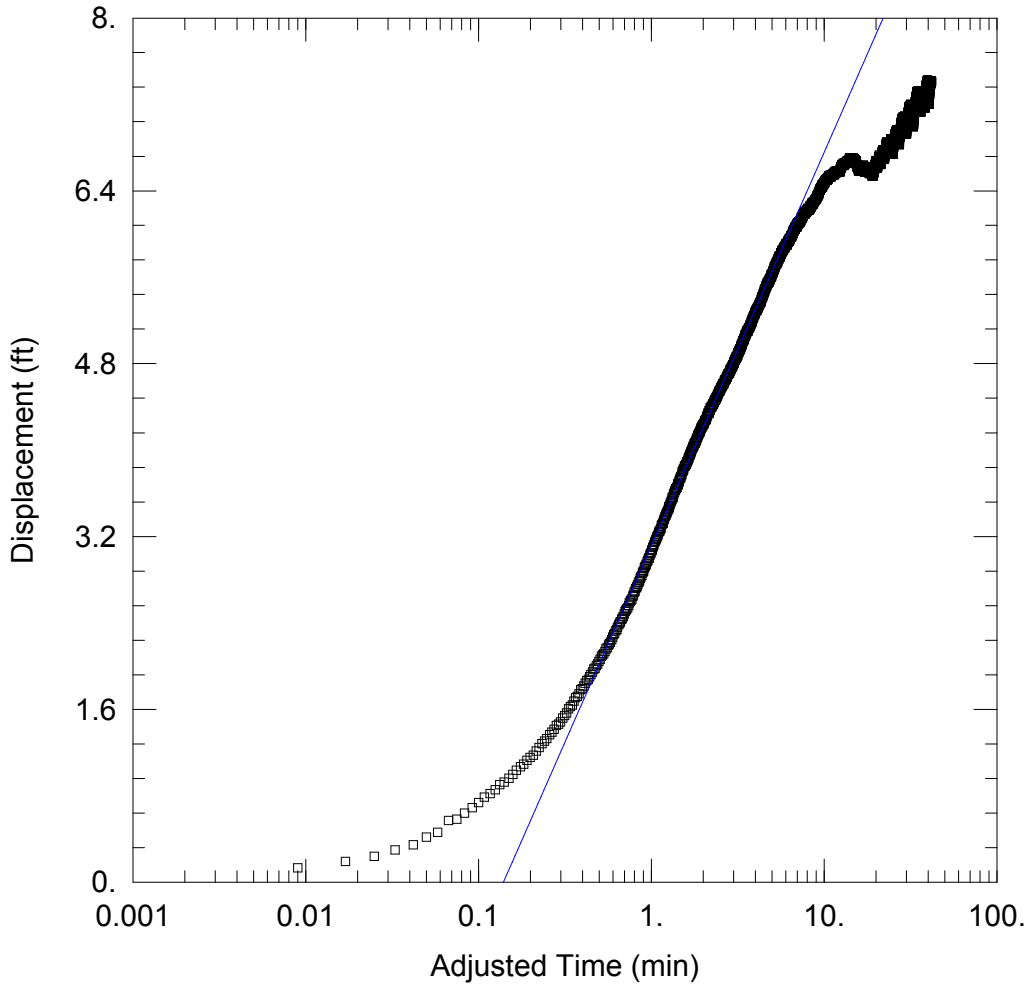
Observation Wells

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

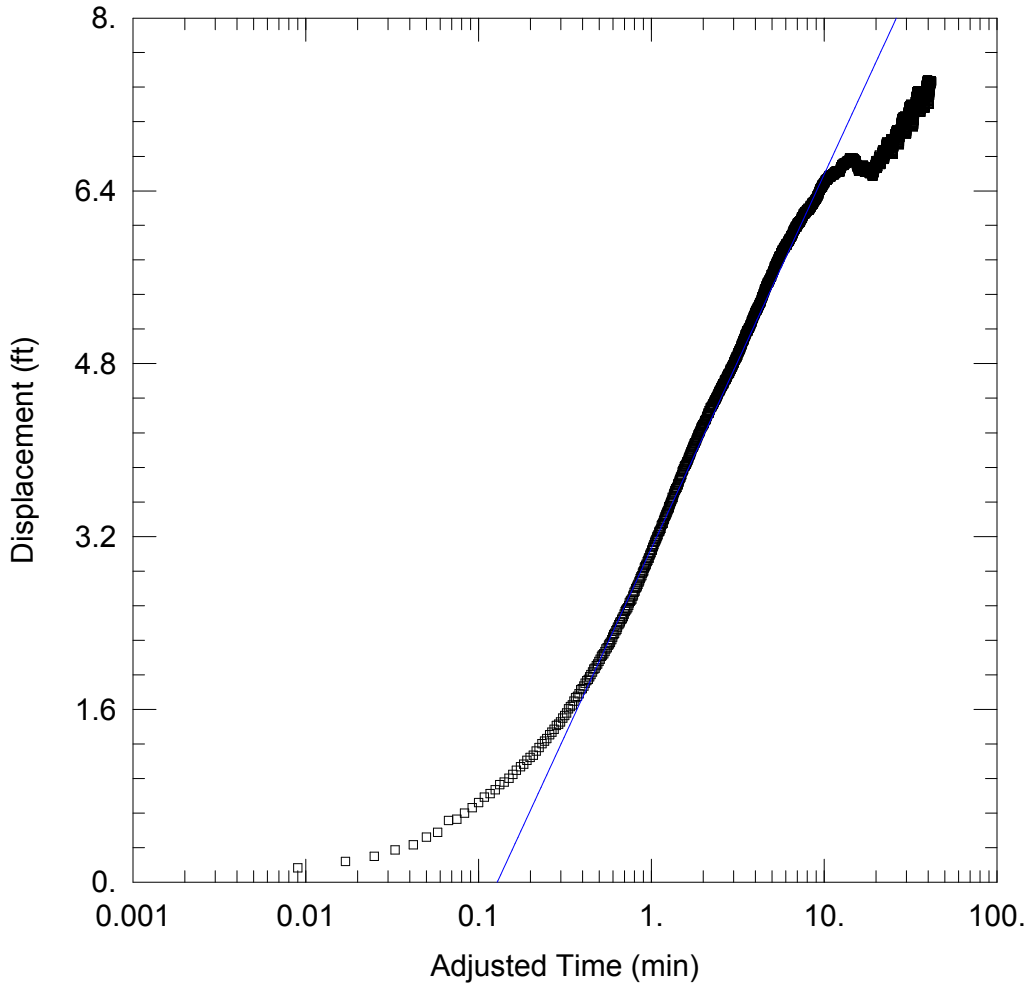
Observation Wells

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

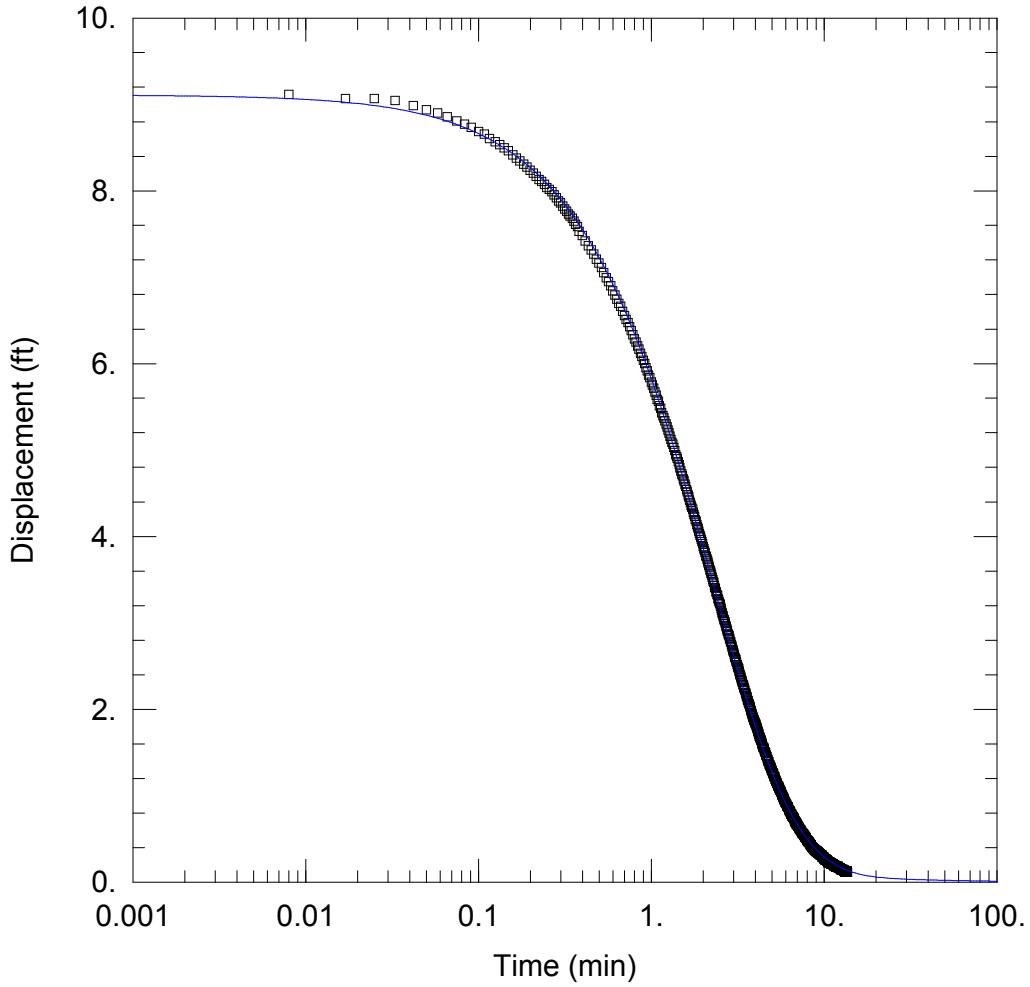
Observation Wells

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