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COMPLIANCE STATUS REPORT REVISION 1
VOLUNTARY REMEDIATION PROGRAM
FORMER FARMERS FAVORITE FERTILIZER SITE
315 4TH AVENUE
MOULTRIE, COLQUITT COUNTY, GEORGIA
HSI NUMBER: 10259
Dated October 30, 2017

File Path: R:\Projects\ENV\Potash Corp of Saskatchewan\2017 PCS FFF Moultrie Resp to Comments\500 Deliverables\Revised VRP CSR

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October 27, 2017

VIA OVERNIGHT DELIVERY

Mr. David Hayes
Unit Coordinator, Response and Remediation Program
Georgia EPD
2 Martin Luther King, Jr. Drive
Suite 1054, East Tower
Atlanta, Georgia 30334

Subject: Revised VRP CSR
Farmer Favorite Fertilizer Site (HSI# 10259)
Moultrie, Colquitt County, Georgia

Dear Mr. Hayes,

On behalf of PCS Joint Ventures Ltd. (PCS), enclosed please find the Revised VRP CSR for the Farmers Favorite Fertilizer Site, HSRA Site # 10259 certifying compliance with applicable HSRA and VRP standards.

The original VRP CSR was submitted March 6, 2015. Comments regarding this VRP CSR were received on June 29, 2017. Following receipt of the June 29, 2017, comments, PCS and AECOM discussed the comments with you and Bill Williams during a conference call on September 15, 2017. As discussed, while PCS believes the March 2015 VRP CSR addressed all requirements of both HSRA and the VRPA, PCS has agreed to address the comments consistent with our September discussion, as reflected in the enclosed Revised VRP CSR, which is a stand-alone republication of the March 2015 VRP CSR. For convenience, specific responses to GEPD's June 29, 2017, comments are provided as Attachment 1 and a redline identifying the text changes to the original VRP CSR is enclosed as Attachment 2.

With this Revised VRP CSR, PCS has fully addressed each item in the comment letter and we look forward to formal approval of the enclosed Revised VRP CSR. In the meantime, we will work with Bill Williams in coordinating the final efforts regarding the Environmental Covenants.

If you have any questions, please contact me by phone at 850-402-6409 or by email at Jeffry.wagner@aecom.com.

Sincerely,



Jeffrey R. Wagner, VP
Project Manager

Enclosures

cc: Mr. Bill Williams (GEPD)
Mr. Ross Smith (PCS)

ATTACHMENT 1
RESPONSE TO VRP CSR COMMENTS (JUNE 29, 2017)



ATTACHMENT 1

RESPONSE TO VRP CSR COMMENTS (JUNE 29, 2017)

OCTOBER 30, 2017

SOIL CLEANUP

COMMENT 1: Section 391-3-19-.06(3)(b)2 of the rules of Hazardous Site Response (Rules) requires a CSR to document the complete delineation and compliance of soil contamination. Although earlier reports may have included detailed documentation and discussion of the soil investigation and cleanup, this information was not included in the CSR. The CSR needs to include the following:

- a. A table summarizing all the soil samples collected during each phase of the investigation, including confirmation samples collected during soil cleanup.
- b. Site figures indicating the location of all soil sampling data with excavation limits clearly identified. These figures should be submitted on a map with a scale of 1 inch = 200 ft or less as required by Rule 391-3-19-.06(3)(b)2(iii). The electronic copies of such figures should also be verified to have legible text at 100% zoom levels.
- c. Report text should include additional discussion describing the areas that were excavated and explain any variations that were made during the excavation. Specifically, the CSR mentions selective areas outside the main excavation area that were excavated to address other metal impacts. These areas should be described in the report text and indicated on the site figures. Further discussion is also needed to explain the residual soils along the existing terracotta sewer line in the former sulfuric acid plant area. It is unclear in the report and referenced materials whether soils are surface soils, subsurface soils or both. The text and figures should document the nature and extent of any impacted soil remaining in place along the sewer line and demonstrate compliance with RRS.

RESPONSE 1: PCS strongly believes that they have already met the requirements of the HSRA rules and the VRPA since all the soil delineation and assessment data was provided to GEPD in CSRs dated from 1998 through 2003 with the required certification presented in the March 6, 2015 CSR. Additionally, the soil corrective action report submitted to GEPD in 2006, together with the revised table and figures submitted to GEPD in March 2009, presented all the soil corrective action data and confirmatory sampling results. All the data associated with the above comments has been submitted to GEPD for review and addressed all soil comments from GEPD other than the three specific comments set forth in the VIRP acceptance letter (the May 2009 comments), which were addressed in the VRP filings. Although there were numerous GEPD site managers over the years, PCS and its consultants have shown constant cooperation and all the work was performed in accordance with HSRA rules under the regulatory oversight, and with the approval, of GEPD.

Nonetheless, and in our continued effort to cooperate and in order to bring this Site to a delisted status and as discussed with GEPD in our September 15, 2017 conference call, PCS has agreed to provide the soil investigation and remediation tables and figures in the revised VRP CSR. Specifically, PCS has addressed Comments 1(a) and (b) by including all CSR soil results as

Table F-1 and all soil figures as Figures F-1 (See APPENDIX F) and by including all soil CAP results as Table G-1 and all soil CAP figures as Figures G-1 (see APPENDIX G). It was agreed during the call that copies of pertinent soil tables and figures would satisfy the GEPD's request for the historical data and figures, all of which are no longer available in electronic format and many of which are fifteen to twenty years old. Additionally, PCS included additional detailed text describing the investigation and remediation performed at the site (as further documented in the site reports discussed within the VRP CSR).

PCS has addressed Comment 1(c) through the text revisions and additions noted above. Revised Sections 3.1 and 3.2 now provide additional specifics addressing each of the items referenced in the comment letter. For GEPD's convenience, PCS has republished the entire VRP CSR as "Revised VRP CSR", which Revised VRP CSR includes all the revisions discussed in this response to comments. Also for convenience and to facilitate GEPD's review, **Attachment 2** includes a redline of the Revised VRP CSR text that highlights the changes PCS made to the March 2015 report.

GROUNDWATER

COMMENT 2: Section 391-3-19-.06(3)(b)3 of Rules requires the CSR to demonstrate a complete definition of the horizontal and vertical extent of ground water contamination. Figure B-1 needs to include the final groundwater data from August 2014 instead of simply providing isoconcentration lines. If needed, the revised figures can be split into separate figures for each regulated substance as was presented in the September 2014 Semi-Annual Report.

RESPONSE 2: Appendix B - Figure B-1 has been updated to include the final groundwater data and separate figures have been added to show the individual constituents along with the most recent concentrations as of August 2014. Additionally, as requested, the final September 2014 figures for each regulated substance have been included in the VRP CSR as new Figures B-2 through B-11. As detailed in Sections 3.4 and 3.5 of the VRP CSR, groundwater delineation is complete.

OTHER COMMENTS

COMMENT 3: EPD's review of the proposed properties that will require an environmental covenant has found that Tax Parcel M034-003 will also require a covenant for groundwater use restriction. Both Figure 2 and Figure 12 of the VRP CSR show this property to be impacted by the groundwater plume for this site both currently and for the modeled 100 year future.

RESPONSE 3: PCS has prepared a draft Environmental Covenant (see Appendix C) to address groundwater on this adjacent property. As detailed in the Revised VRP CSR, this parcel was not part of site operations and any impacts are limited to minimal groundwater impacts. Once EPD approves the form of the draft Environmental Covenant for parcel M034-003, PCS will approach the property owner regarding the Covenant and will proceed as set forth in Section 4 of the VRP CSR.

ATTACHMENT 2
REDLINE IDENTIFYING TEXT CHANGES TO
ORIGINAL VRP CSR (MARCH 6, 2015)

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Statement of Findings

This Voluntary Remediation Program (VRP) Compliance Status Report (~~Revision 1~~ (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). This VRP CSR addresses EPD's June 29, 2017, comment letter and, for convenience, replaces the March 2015 VRP CSR in full.

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~~ The Site HSRA CSR was completed in 2004 and Site soil remediation was completed in 2006 in accordance with an EPD-approved Work Plan, following which PCS implemented a groundwater monitoring program. With most Site work completed by 2011, ~~and~~-EPD accepted the Site into the Voluntary Remediation Program in 2012, approving the Voluntary Investigation and Remediation Plan (VIRP) that outlined the remaining steps to achieve compliance with applicable risk reductions steps. 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~~VIRP 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, [with the exception of a single adjacent property as described in Sections 3.5 and 4.](#)

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~~ [HSRA CSRs](#) and related submittals were based on Type 3 soil Risk Reduction Standards except for lead (Type 4 based on GALM). ~~Confirmatory~~ [As detailed in Sections 3.1 and 3.2, confirmatory](#) soil sampling at the time following excavation indicates that all soils remaining meet the RRS, [subject only to three open issues, as detailed in Section 3.2.3 and 3.2.4, that were addressed in the VIRP and the VRP work.](#) 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, [groundwater](#) COCs are predicted to remain within the Site parcels and [a single adjacent parcel \(M034-003\) 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~~ [Covenants](#) 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~~[Ross Smith](#)

Title: Director, Environment
PCS Joint Venture, Ltd.

Date: _____

Professional Geologist Certification

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

Date

1.1 PURPOSE

This VRP CSR [Rev.1 \(VRP CSR\)](#) 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.

SECTION FIVE ~~Monitoring Well Abandonment Plan~~ **ONE**

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.

SECTION FIVE Monitoring Well Abandonment Plan **TWO**

Section

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**.

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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~~ the HSRA 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~~ As noted previously, the CSR was completed through a series of investigations as reported in the CSR, Revised CSR, CSR Addendum, CSR Addendum #2, CSR Addendum #3 and CSR Addendum #4. Addendum #4 addressed EPD's final comments on the CSR and completed the CSR process. As required by HSRA, the CSR investigations delineated the extent of soil impacts, developed Site RRS for soil, and determined the areas in excess of soil RRS. Appendix F provides the final CSR tables and figures documenting the soil delineation and comparison to RRS. Based on the findings of this investigation and as further detailed in Section 3.2 below, PCS presented, and EPD approved, a soil corrective action ~~measures described below~~ plan (approved on March 11, 2005) and subsequently the more detailed soil work plan (approved on January 10 2006).

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~~, including the soil corrective action plan and work plan, and are further presented in the 2006 Corrective Action for Soil Report. The following summarizes all Site soil constituents of concern (COCs) metals: ~~and the EPD-approved soil RRS for the Site, subject only to the modifications later approved by EPD as presented in Sections 3.2 below:~~

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

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COC	Soil RRS (mg/kg)
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 **ACTION OF IMPACTED SITE SOIL**

~~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 **Overview of Soil Corrective Action**

Following completion of the HSRA CSR, PCS submitted to EPA a Soil Corrective Action Plan (Rev. 1), dated July 22, 2004 (as supplemented by letter dated January 31, 2005), which EPD approved on March 11, 2005. PCS then submitted a Soil Corrective Action Workplan, dated August 31, 2005, which EPD approved by letter dated January 10, 2006. PCS implemented the soil corrective action in accordance with the work plan in early 2006 and summarized the work that achieved applicable RRS, including confirmatory sampling results, in the August 2006 Corrective Action for Soil Report (Golder Associates, August 2006). All of this work is detailed in Section 3.2.2 below and in the corresponding tables and figures.

EPD provided comments on the final report in October 2008, each of which was subsequently addressed by PCS to EPD's satisfaction with the exception of only three open comments. These three open comments are presented in EPD's May 29, 2009 Corrective Action report comment letter, which letter EPD required PCS to address as part of its VRP work. As required by EPD, PCS' VIRP specifically outlines the process PCS would follow for addressing each of the three open soil corrective action issues. PCS addressed each of the items in subsequent Semi-Annual Reports, and all of the open items were addressed and resolved well before preparation of the 2015 VRP CSR. Sections 3.2.3 (comment 3) and 3.2.4 (comment 1 and 2) of this VRP CSR describe the work and evaluations that PCS performed to address these three items.

3.2.2 Implementation of Soil Corrective Action Work Plan

Soil corrective action implementation commenced ~~on~~ in January 6, 2006 and the soil removal action was completed on March 9, 2006. The area requiring excavation of impacted soils (the selected remedy) 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 full excavation figures and confirmatory sampling results are presented in Appendix G. The Sulfuric

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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.~~ Following completion of the planned excavation, confirmatory sampling was performed and all samples were below the HSRA target RRS except for six discrete samples. Additional excavation was performed in these areas as necessary to achieve soil RRS and confirmatory samples were collected in the over-excavation areas, all of which demonstrated compliance with RRS. Each of these areas is described in detail in Section 4.2.3 of the Corrective Action for Soils Report (2006). This work was completed in accordance with the approved soil Corrective Action Plan and the confirmation sampling results for these areas are documented in Section 4.2.3 of the Report as well as in Table 1 of the Report, which is included in Appendix G of this VRP CSR.

~~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.~~

All of this excavation and confirmatory sampling work is described in detail in the final Report on Corrective Action that was submitted to EPD in August 2006 (Corrective Action for Soil Report, Golder Associates, August 2006). EPD presented PCS with comments on the final report in October 2008, which PCS addressed by letter dated March 2009. Appendix G contains the soil confirmation sampling results (tables and figures) from both the 2006 Report and the March 2009 response to comments, which included a corrected version of Table 1 (called Revised Table 1) and updated figures 3, 4, 6 and 7.

Following submittal by PCS of the March 2009 response to comments, EPD identified only three remaining open issues related to discrete soil corrective action confirmation samples, which issues were presented by EPD to PCS in the May 2009 EPD comment letter described in Section 3.1 above. PCS' VIRP included specific requirements for PCS to address these three open issues, which PCS implemented as part of its VRP work and documented in Semi-Annual Progress Reports. Each of these items was completed well before preparation of the 2015 VRP CSR. Sections 3.2.3 and 3.2.4 below describe these completed actions.

3-2.23.2.3 Residual Soils ~~along at~~ Location G-3+30 feet @ 5 ft Depth (Adjacent to Existing Sanitary Terra Cotta Sewer Line in Former Sulfuric Acid Area)

As part of the soil corrective action described above, impacted soil was excavated above and down to the terra cotta sewer line in the vicinity of location G-3+30 feet that runs through the property. Confirmatory sample G-3+30 ft@ 5ft was collected at the bottom of the excavation area, just above the pipe. This single subsurface sample point exhibited a lead concentration of 1,600, just above the HSRA-calculated soil RRS for subsurface soils of 1,303 mg/kg. As set forth in the Corrective Action for Soil Report, EPD's May 2009 Comment Letter (comment 3), and Section 4.5.1 of the VIRP, due to the fragile nature of the terra cotta construction of the sewer line, impacted soils at discrete location G-3+30 feet at a depth 5 feet were left in place ~~along the length of~~ adjacent to the sewer line. **Figure 3** shows the location of the existing sewer

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line. ~~As~~, and **Appendix G** contains the figures that show the location of the sample that remains in place. As outlined in PCS' March 2009 response to comments, this sample location was immediately adjacent to the terra cotta line and was considered to represent soil in that immediate (4 foot) vicinity. The City strongly believed, and PCS agreed, that disturbance of this location created a material risk of damage to the pipe, which in turn would have been impossible to repair due to the pipe's brittle nature.

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 HSRA and VRP soil RRS requirements, PCS then evaluated whether ~~residual concentrations were~~ this isolated subsurface location was impacting groundwater. Potential leaching of lead from soil in ~~the~~ this discrete area of the sewer line is monitored by monitoring well MW-7SR as ~~approved~~ required by ~~the EPD Corrective Action for Soil Response Letter dated May 29, 2009. Lead.~~ PCS reviewed the site groundwater data, and confirmed that 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~~ Lead results for MW-7SR and MW-1SR were reported in all semi-annual reports and are also included in Table 3. In accordance with the VIRP and as discussed in detail in our July 2014 meeting with EPD management, the groundwater data, collected over a nine year period, documents that the residual ~~soils do~~ subsurface soil at location G-3+30ft @5ft does not pose a risk to groundwater and ~~meet~~ meets applicable soil RRS.

3.2.33.2.4 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 (comment 1) requested that PCS demonstrate that soil at location SS-17 was protective of groundwater by monitoring groundwater conditions. (Notably, sample SS-17 was collected from below the unsaturated soil zone and within the saturated zone.) 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. Full groundwater monitoring data is included in Table 3 of this VRP CSR. 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~~ in the vicinity of location SS-17 is protective of groundwater and meets soil RRS.

Additionally, EPD's May 2009 comment letter (comment 2) 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

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2013, and these results confirmed that surface soil in this vicinity is well below Type 3/4 RRS. The Table 5 referenced above and the soil verification data are included in **Appendix D**.

3.2.4 **3.2.5** [Additional Confirmatory Sampling in 2014 \(Former Waste Ponds Area\)](#)

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- [and are included in Appendix G](#)

3.3 SOIL CONCLUSION/CERTIFICATION

As ~~summarized~~detailed above, [HSRA](#) soil RRSs were developed in the ~~Site Compliance Status Reports (March 1998, June 2000, December 2003)~~HSRA CSRs and approved by EPD [prior to the 2006 soil corrective action](#). The final soil RRSs are listed in the 2006 Corrective Action Soil Report and [above in Section 3.1 and as](#) further refined as described [in Section 3.2.4](#) above [for discrete locations](#). Impacted soils for the Site have been remediated through Corrective Actions and [PCS certifies that](#) Site soil conditions are in compliance with the applicable RRS in accordance with the ~~VRP~~VRPA. [The Site soil certification is included on page ES-3.](#)

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. [Figures B-2 through B-11 present final site groundwater data \(from the August 2014 final sampling event and as presented in the September 2014 Semi-Annual Report\).](#)

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.

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- 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~~Covenants that ~~is~~are compliant with the VRP and plans to have the ~~Covenant~~Covenants recorded on the respective Site parcels (as described in the VRP) and for parcel M034-003 (a 0.17 acre adjacent parcel owned by an individual and never used for site operations) following approval of this VRP CSR. Section 4 of this VRP CSR presents the Environmental Covenants. With the recording of the Environmental ~~Covenant~~Covenants, the Site groundwater will comply with the provisions, purposes, standards, and policies of the VRP (per OCGA 12-8-108(7)).

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The ~~draft~~ Site Environmental Covenants presented in ~~the~~this VRP CSR are based on EPD's Uniform Environmental Covenant and have been drafted for the Site property parcels. The proposed Environmental Covenants cover the Qualifying Properties and parcel M034-003, in accordance with EPD's June 29, 2017 comment letter. 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~~C.

The Site Environmental Covenants for the Griffin and PCS properties were included in the 2015 VRP CSR. EPD thereafter provided feedback on the draft Environmental Covenants, and PCS revised the drafts and resubmitted revised versions. These revised versions, which incorporate EPD's comments, are included in Appendix C and will be finalized upon approval of this VRP CSR.

~~the progress report was submitted and represent input from the current property owner~~The new Environmental Covenant for adjacent parcel M034-003 is also included in Appendix C and will be presented to the property owner upon approval of the form by EPD and PCS will keep GEPD apprised of those discussions. 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 for the PCS and Griffin parcels once EPD concurs with this VRP CSR including the draft Environmental Covenants. Additionally, PCS will confer with Ms. Burroughs Jones regarding the proposed Environmental Covenant for parcel M034-003 once EPD has approved the form of the Covenant.

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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.

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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~~published public notice of the VRP CSR in accordance with O.C.G.A. § 12-8-107(f). ~~Once the public notice period is complete, on~~ March 11, 2015. 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 PCS and Griffin Environmental Covenant language will be provided to the required recipients prior to execution in accordance with the Uniform Environmental Covenants Act.
2. PCS will approach Ms. Burroughs Jones regarding the Environmental Covenant for parcel M034-003.
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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R E P O R T

VOLUNTARY REMEDIATION
PROGRAM
COMPLIANCE STATUS REPORT
REVISION 1

FORMER FARMERS FAVORITE
FERTILIZER SITE

315 4TH AVENUE
MOULTRIE, COLQUITT COUNTY, GEORGIA

HSI #10259

October 30, 2017



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Statement of Findings

This Voluntary Remediation Program (VRP) Compliance Status Report Revision 1 (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). This VRP CSR addresses EPD's June 29, 2017, comment letter and, for convenience, replaces the March 2015 VRP CSR in full.

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. The Site HSRA CSR was completed in 2004 and Site soil remediation was completed in 2006 in accordance with an EPD-approved Work Plan, following which PCS implemented a groundwater monitoring program. With most Site work completed by 2011, EPD accepted the Site into the Voluntary Remediation Program in 2012, approving the Voluntary Investigation and Remediation Plan (VIRP) that outlined the remaining steps to achieve compliance with applicable risk reductions steps. 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 VIRP 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, with the exception of a single adjacent property as described in Sections 3.5 and 4.

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 HSRA CSRs and related submittals were based on Type 3 soil Risk Reduction Standards except for lead (Type 4 based on GALM). As detailed in Sections 3.1 and 3.2, confirmatory soil sampling at the time following excavation indicates that all soils remaining meet the RRS, subject only to three open issues, as detailed in Section 3.2.3 and 3.2.4, that were addressed in the VIRP and the VRP work. 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, groundwater COCs are predicted to remain within the Site parcels and a single adjacent parcel (M034-003) 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 Covenants 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: Ross Smith

Title: Director, Environment
PCS Joint Venture, Ltd.

Date: 10/27/17

Professional Geologist Certification

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

Candace Beauvais, P.G.

Registered Professional Geologist No. 002067

10/27/17

Date

SECTION ONE

1.1 PURPOSE

This VRP CSR Rev.1 (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

SECTION ONE

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.

SECTION ONE

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.

SECTION TWO

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.

SECTION TWO

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

SECTION TWO

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**.

SECTION THREE

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 the HSRA Site investigations and was reported in the original CSR, and was fully completed prior to enrollment in the VRP. As noted previously, the CSR was completed through a series of investigations as reported in the CSR, Revised CSR, CSR Addendum, CSR Addendum #2, CSR Addendum #3 and CSR Addendum #4. Addendum #4 addressed EPD's final comments on the CSR and completed the CSR process. As required by HSRA, the CSR investigations delineated the extent of soil impacts, developed Site RRS for soil, and determined the areas in excess of soil RRS. Appendix F provides the final CSR tables and figures documenting the soil delineation and comparison to RRS. Based on the findings of this investigation and as further detailed in Section 3.2 below, PCS presented, and EPD approved, a soil corrective action plan (approved on March 11, 2005) and subsequently the more detailed soil work plan (approved on January 10 2006).

The Site clean-up goals established and approved by EPD regarding the soil removal of the 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, including the soil corrective action plan and work plan, and are further presented in the 2006 Corrective Action for Soil Report. The following summarizes all Site soil constituents of concern (COCs) metals and the EPD-approved soil RRS for the Site, subject only to the modifications later approved by EPD as presented in Sections 3.2 below:

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

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

3.2 CORRECTIVE ACTION OF IMPACTED SITE SOIL

3.2.1 Overview of Soil Corrective Action

Following completion of the HSRA CSR, PCS submitted to EPA a Soil Corrective Action Plan (Rev. 1), dated July 22, 2004 (as supplemented by letter dated January 31, 2005), which EPD approved on March 11, 2005. PCS then submitted a Soil Corrective Action Workplan, dated August 31, 2005, which EPD approved by letter dated January 10, 2006. PCS implemented the soil corrective action in accordance with the work plan in early 2006 and summarized the work that achieved applicable RRS, including confirmatory sampling results, in the August 2006 Corrective Action for Soil Report (Golder Associates, August 2006). All of this work is detailed in Section 3.2.2 below and in the corresponding tables and figures.

EPD provided comments on the final report in October 2008, each of which was subsequently addressed by PCS to EPD's satisfaction with the exception of only three open comments. These three open comments are presented in EPD's May 29, 2009 Corrective Action report comment letter, which letter EPD required PCS to address as part of its VRP work. As required by EPD, PCS' VIRP specifically outlines the process PCS would follow for addressing each of the three open soil corrective action issues. PCS addressed each of the items in subsequent Semi-Annual Reports, and all of the open items were addressed and resolved well before preparation of the 2015 VRP CSR. Sections 3.2.3 (comment 3) and 3.2.4 (comment 1 and 2) of this VRP CSR describe the work and evaluations that PCS performed to address these three items.

3.2.2 Implementation of Soil Corrective Action Work Plan

Soil corrective action implementation commenced in January 2006 and the soil removal action was completed on March 9, 2006. The area requiring excavation of impacted soils (the selected remedy) 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 full excavation figures and confirmatory sampling results are presented in **Appendix G**. 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. Following completion of the planned excavation, confirmatory sampling was performed and all samples were below the HSRA target RRS except for six discrete samples. Additional excavation was performed in these areas as necessary to achieve soil RRS and confirmatory samples were collected in the over-excavation areas, all of which demonstrated compliance with RRS. Each of these areas is described in detail in Section 4.2.3 of the Corrective Action for Soils Report (2006). This work was completed in accordance with the approved soil Corrective Action Plan and the confirmation sampling results for these areas are documented in Section 4.2.3 of the Report as well as in Table 1 of the Report, which is included in **Appendix G** of this VRP CSR.

All of this excavation and confirmatory sampling work is described in detail in the final Report on Corrective Action that was submitted to EPD in August 2006 (Corrective Action for Soil Report, Golder Associates, August 2006). EPD presented PCS with comments on the final report

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in October 2008, which PCS addressed by letter dated March 2009. **Appendix G** contains the soil confirmation sampling results (tables and figures) from both the 2006 Report and the March 2009 response to comments, which included a corrected version of Table 1 (called Revised Table 1) and updated figures 3, 4, 6 and 7.

Following submittal by PCS of the March 2009 response to comments, EPD identified only three remaining open issues related to discrete soil corrective action confirmation samples, which issues were presented by EPD to PCS in the May 2009 EPD comment letter described in Section 3.1 above. PCS' VIRP included specific requirements for PCS to address these three open issues, which PCS implemented as part of its VRP work and documented in Semi-Annual Progress Reports. Each of these items was completed well before preparation of the 2015 VRP CSR. Sections 3.2.3 and 3.2.4 below describe these completed actions.

3.2.3 Residual Soils at Location G-3+30 feet @ 5 ft Depth (Adjacent to Existing Terra Cotta Sewer Line)

As part of the soil corrective action described above, impacted soil was excavated above and down to the terra cotta sewer line in the vicinity of location G-3+30 feet that runs through the property. Confirmatory sample G-3+30 ft@ 5ft was collected at the bottom of the excavation area, just above the pipe. This single subsurface sample point exhibited a lead concentration of 1,600, just above the HSRA-calculated soil RRS for subsurface soils of 1,303 mg/kg. As set forth in the Corrective Action for Soil Report, EPD's May 2009 Comment Letter (comment 3), and Section 4.5.1 of the VIRP, due to the fragile nature of the terra cotta construction of the sewer line, impacted soils at discrete location G-3+30 feet at a depth 5 feet were left in place adjacent to the sewer line. **Figure 3** shows the location of the existing sewer line, and **Appendix G** contains the figures that show the location of the sample that remains in place. As outlined in PCS' March 2009 response to comments, this sample location was immediately adjacent to the terra cotta line and was considered to represent soil in that immediate (4 foot) vicinity. The City strongly believed, and PCS agreed, that disturbance of this location created a material risk of damage to the pipe, which in turn would have been impossible to repair due to the pipe's brittle nature.

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 HSRA and VRP soil RRS requirements, PCS then evaluated whether this isolated subsurface location was impacting groundwater. Potential leaching of lead from soil in this discrete area of the sewer line is monitored by monitoring well MW-7SR as required by EPD. PCS reviewed the site groundwater data, and confirmed that 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. Lead results for MW-7SR and MW-1SR were reported in all semi-annual reports and are also included in **Table 3**. In accordance with the VIRP and as discussed in detail in our July 2014 meeting with EPD management, the

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groundwater data, collected over a nine year period, documents that the residual subsurface soil at location G-3+30ft @5ft does not pose a risk to groundwater and meets applicable soil RRS.

3.2.4 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 (comment 1) requested that PCS demonstrate that soil at location SS-17 was protective of groundwater by monitoring groundwater conditions. (Notably, sample SS-17 was collected from below the unsaturated soil zone and within the saturated zone.) 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. Full groundwater monitoring data is included in **Table 3** of this VRP CSR. 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 in the vicinity of location SS-17 is protective of groundwater and meets soil RRS.

Additionally, EPD's May 2009 comment letter (comment 2) 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 Type 3/4 RRS. The Table 5 referenced above and the soil verification data are included in **Appendix D**.

3.2.5 Additional Confirmatory Sampling in 2014 (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 and are included in **Appendix G**

3.3 SOIL CONCLUSION/CERTIFICATION

As detailed above, HSRA soil RRSs were developed in the HSRA CSRs and approved by EPD prior to the 2006 soil corrective action. The final soil RRSs are listed in the 2006 Corrective Action Soil Report and above in Section 3.1 and as further refined as described in Section 3.2.4 above for discrete locations. Impacted soils for the Site have been remediated through

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Corrective Actions and PCS certifies that Site soil conditions are in compliance with the applicable RRS in accordance with the VRPA. The Site soil certification is included on page ES-3.

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. **Figures B-2 through B-11** present final site groundwater data (from the August 2014 final sampling event and as presented in the September 2014 Semi-Annual Report).

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.

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- 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 Environmental Covenants that are compliant with the VRP and plans to have the Covenants recorded on the respective Site parcels (as described in the VIRP) and for parcel M034-003 (a 0.17 acre adjacent parcel owned by an individual and never used for site operations) following approval of this VRP CSR. Section 4 of this VRP CSR presents the Environmental Covenants. With the recording of the Environmental Covenants, the Site groundwater will comply with the provisions, purposes, standards, and policies of the VRP (per OCGA 12-8-108(7)).

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The Site Environmental Covenants presented in this VRP CSR are based on EPD's Uniform Environmental Covenant and have been drafted for the Site property parcels. The proposed Environmental Covenants cover the Qualifying Properties and parcel M034-003, in accordance with EPD's June 29, 2017 comment letter. Each Environmental Covenant will be executed upon EPD's approval of the VRP CSR. Copies of the proposed Environmental Covenants are presented in **Appendix C**.

The Site Environmental Covenants for the Griffin and PCS properties were included in the 2015 VRP CSR. EPD thereafter provided feedback on the draft Environmental Covenants, and PCS revised the drafts and resubmitted revised versions. These revised versions, which incorporate EPD's comments, are included in Appendix C and will be finalized upon approval of this VRP CSR.

The new Environmental Covenant for adjacent parcel M034-003 is also included in Appendix C and will be presented to the property owner upon approval of the form by EPD and PCS will keep GEPD apprised of those discussions. 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 for the PCS and Griffin parcels once EPD concurs with this VRP CSR including the draft Environmental Covenants. Additionally, PCS will confer with Ms. Burroughs Jones regarding the proposed Environmental Covenant for parcel M034-003 once EPD has approved the form of the Covenant.

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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.

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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 published public notice of the VRP CSR in accordance with O.C.G.A. § 12-8-107(f) on March 11, 2015. 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 PCS and Griffin Environmental Covenant language will be provided to the required recipients prior to execution in accordance with the Uniform Environmental Covenants Act.
2. PCS will approach Ms. Burroughs Jones regarding the Environmental Covenant for parcel M034-003.
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 VARP 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 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	North 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
	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
	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
	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
	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
	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	
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-11-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	0.01	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	0.002	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
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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-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
	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
	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
	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
	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
	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
Dissolved	03/13/13	NA	0.0027	NA	0.00036 J	0.00013 J	NA	0.0017	NA	0.0091	NA	NA	NA	NA	NA
	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	0.01	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
	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
	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
	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
	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
	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
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	
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-71	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
	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

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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-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
	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	01/26/99	NA	<0.01	0.11	NA	<0.005	NA	0.0084	<0.0002	NA	NA	<0.01	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
	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
	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
	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	
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
	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
	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
	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	0.00095 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	0.000034 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	0.32	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
	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
	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	0.00095 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
	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
	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
	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
	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
	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	0.00095 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 I	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	
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	
Dissolved		03/11/14	NA	0.0026	2.9	0.0078	NA	NA	0.0024	NA	0.030	NA	NA	NA	NA	NA
		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 Dissolved	06/20/03	NA	NA	1.7	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA	
	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 Dissolved	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	
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	
02/23/10		NA	0.0085 U	NA	NA	NA	0.0013 U	NA	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	
08/24/10		NA	NA	NA	NA	NA	0.0025 I	NA	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	
02/22/11		NA	NA	NA	NA	NA	0.0013 U	NA	0.0056 I	NA	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	
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	
Dissolved		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
		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
Dissolved		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
		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
Dissolved		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
		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 Dissolved MW-32S-R	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
	10/25/06	NA	NA	NA	NA	0.019	0.043 V	NA	NA	0.063	NA	NA	NA	NA	2.4 V
	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 Dissolved	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
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
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

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-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
	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
	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
	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
	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
	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
	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
	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
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	
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 Dissolved	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
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
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
	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
	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
	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
	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
	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
	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
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
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-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	
	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	
	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	
	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	
	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	
	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	
	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	
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	
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	
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	
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	
	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	
Dissolved	06/20/03	NA	NA	NA	NA	NA	NA	2.7	NA	NA	NA	NA	NA	NA	NA	
	06/20/03	NA	NA	NA	NA	NA	NA	2.2	NA	NA	NA	NA	NA	NA	NA	
Dissolved	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	
	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	
	12/22/02	NA	NA	NA	NA	0.016	NA	0.0058	NA	NA	NA	NA	NA	NA	NA	
Dissolved	06/19/03	NA	NA	NA	NA	NA	NA	0.012	NA	NA	NA	NA	NA	NA	NA	
	09/19/03	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA	
Dissolved	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	
	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	
FFFW-3-R	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	
	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	
	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	
	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	
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	
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	
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	
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	
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	
Dissolved		03/19/12	NA	0.0039	NA	0.0021	NA	NA	0.0087	NA	0.014	NA	NA	NA	NA	NA
	03/19/12	NA	0.0034	NA	0.0021	NA	NA	0.0048	NA	0.014	NA	NA	NA	NA	NA	
Dissolved	08/25/12	NA	0.0053	NA	0.0014	NA	NA	0.016	NA	0.021	NA	NA	NA	NA	NA	
	08/25/12	NA	0.0063	NA	0.0021	NA	NA	0.019	NA	0.025	NA	NA	NA	NA	NA	
Dissolved	03/20/13	NA	0.0030	NA	0.0015	NA	NA	0.0069	NA	0.013	NA	NA	NA	NA	NA	
	03/20/13	NA	0.0025	NA	0.0013	NA	NA	0.0054	NA	0.011	NA	NA	NA	NA	NA	
Dissolved	08/22/13	NA	0.0069	NA	0.00042 J	NA	NA	0.013	NA	0.015	NA	NA	NA	NA	NA	
	08/22/13	NA	0.0072	NA	0.00041 J	NA	NA	0.013	NA	0.016	NA	NA	NA	NA	NA	
Dissolved	03/10/14	NA	0.0042	NA	0.00040 J	NA	NA	0.011	NA	0.011	NA	NA	NA	NA	NA	
	03/10/14	NA	0.0045	NA	0.00036 J	NA	NA	0.010	NA	0.011	NA	NA	NA	NA	NA	
Dissolved	08/11/14	NA	0.0026	NA	0.0030	NA	NA	0.0039	NA	0.023	NA	NA	NA	NA	NA	
	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
	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
	NA	NA	NA	NA	0.0075	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/01/09	0.00032 I	0.0085 U	0.14	0.0054	0.00032 U	0.0050	0.0013 U	0.000014 U	0.0066	0.0022 U	0.000059 U	0.0001 I	0.0032	0.051
	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
	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
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	0.00014 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
	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
	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
	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
	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
	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
	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
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 Detection 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 the Type 1 RRS.

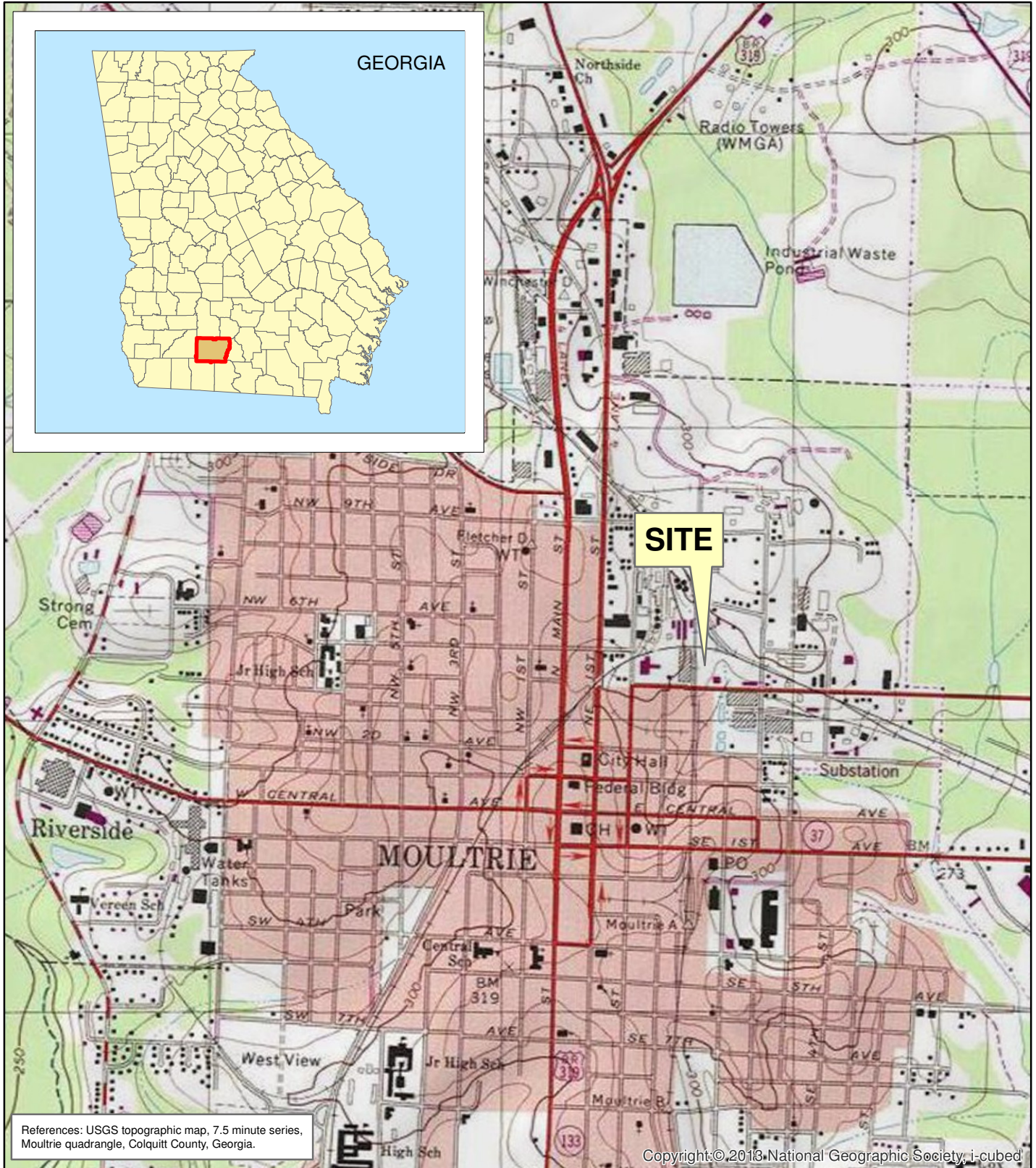
* - Elevated detection limits were reported due to sample matrix interference which required sample or extract dilution.

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-11-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



Coordinate System: Georgia Albers, HPGN, Meters

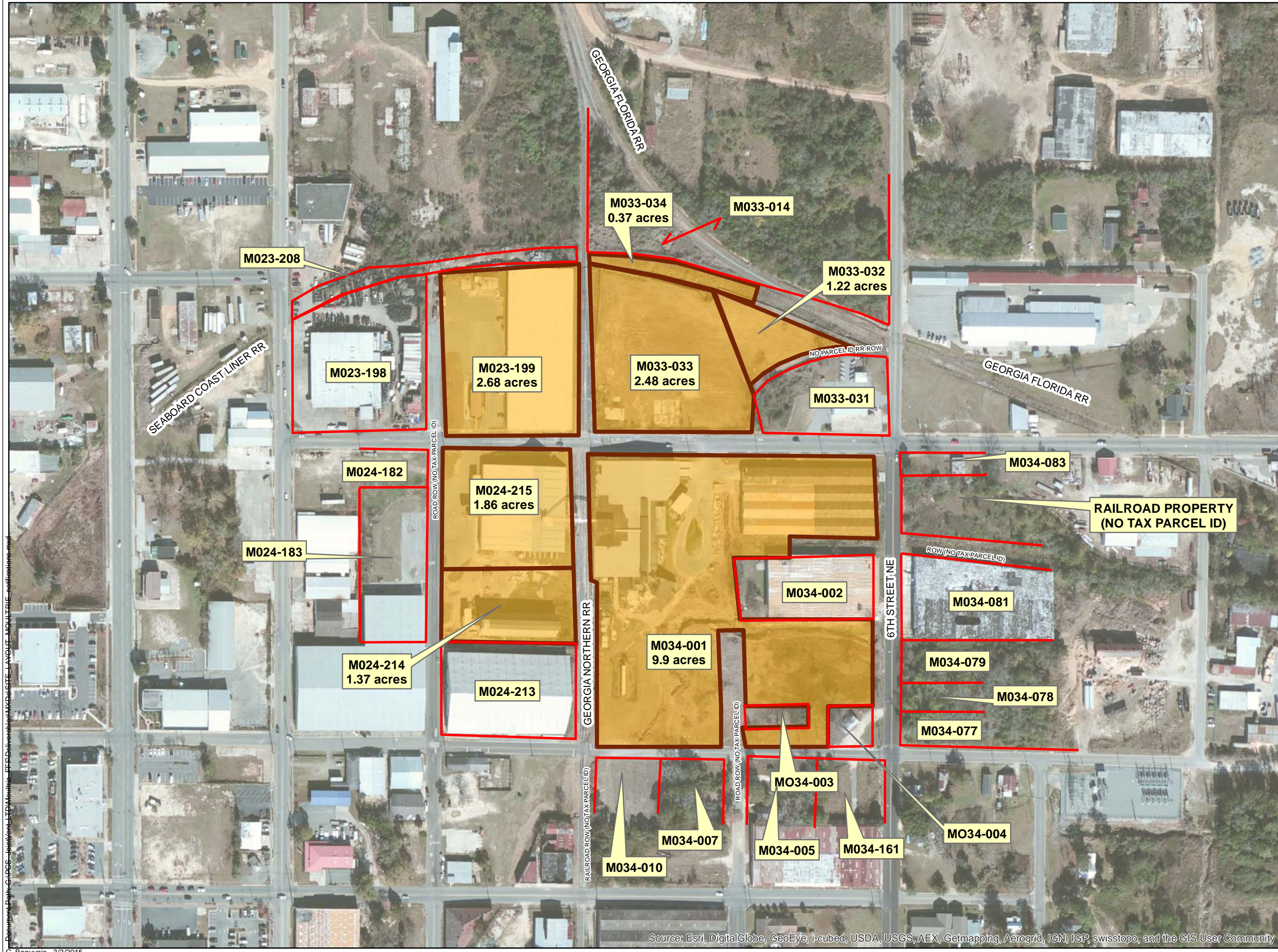
**FORMER FARMERS
FAVORITE FERTILIZER
315 4TH AVENUE NE
MOULTRIE, GA**



SITE LOCATION

Figure
1

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



- Qualifying Properties
- Adjacent Parcel Boundaries
- Boundaries
- M033-014 Parcel Identification Number

Coordinate System:
NAD 1983 Stateplane Georgia West, Feet

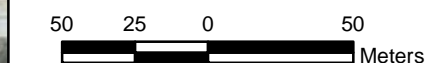
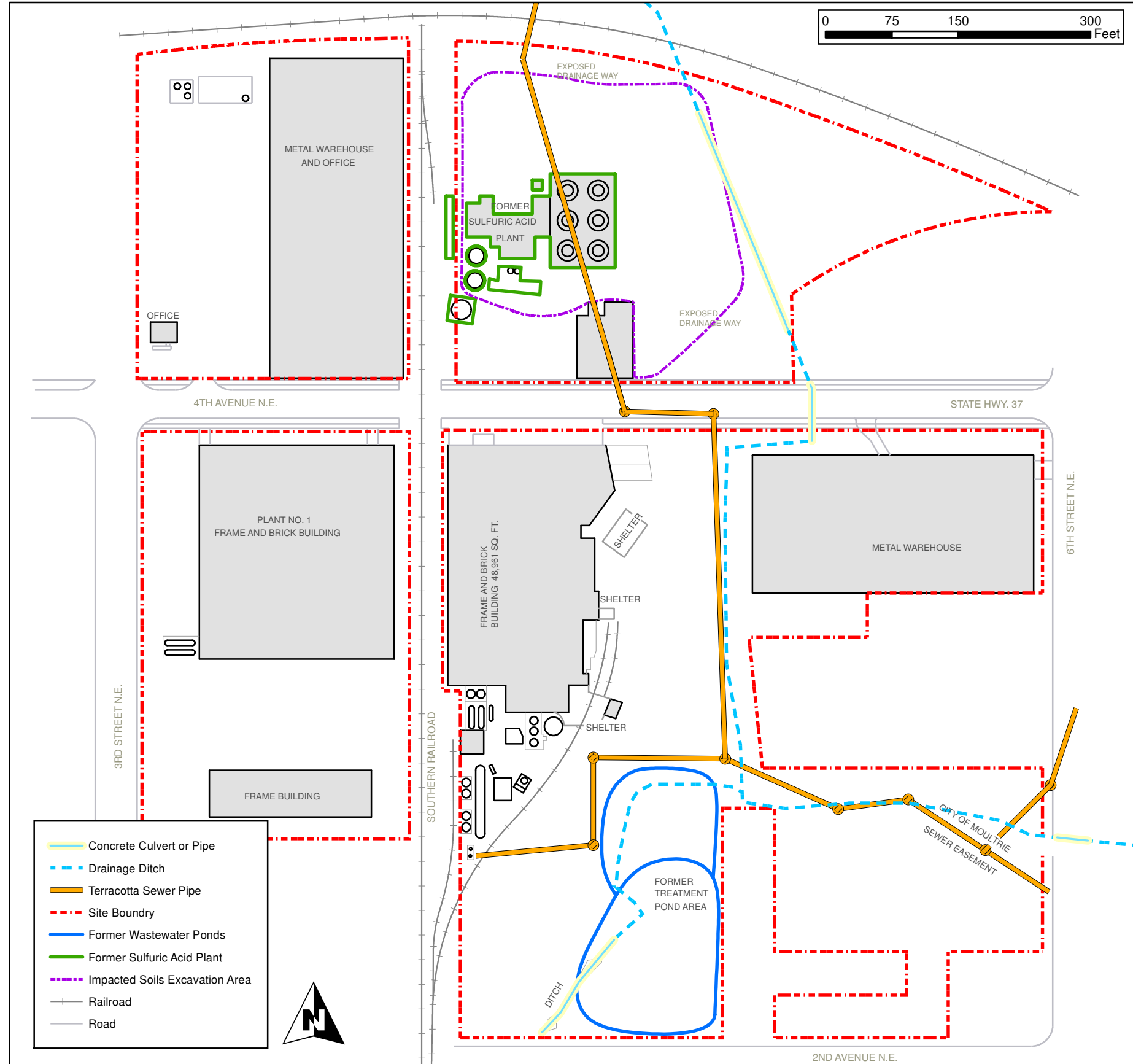


Figure 2
**LOCATIONS OF
QUALIFYING PROPERTY
AND ADJACENT PARCELS**

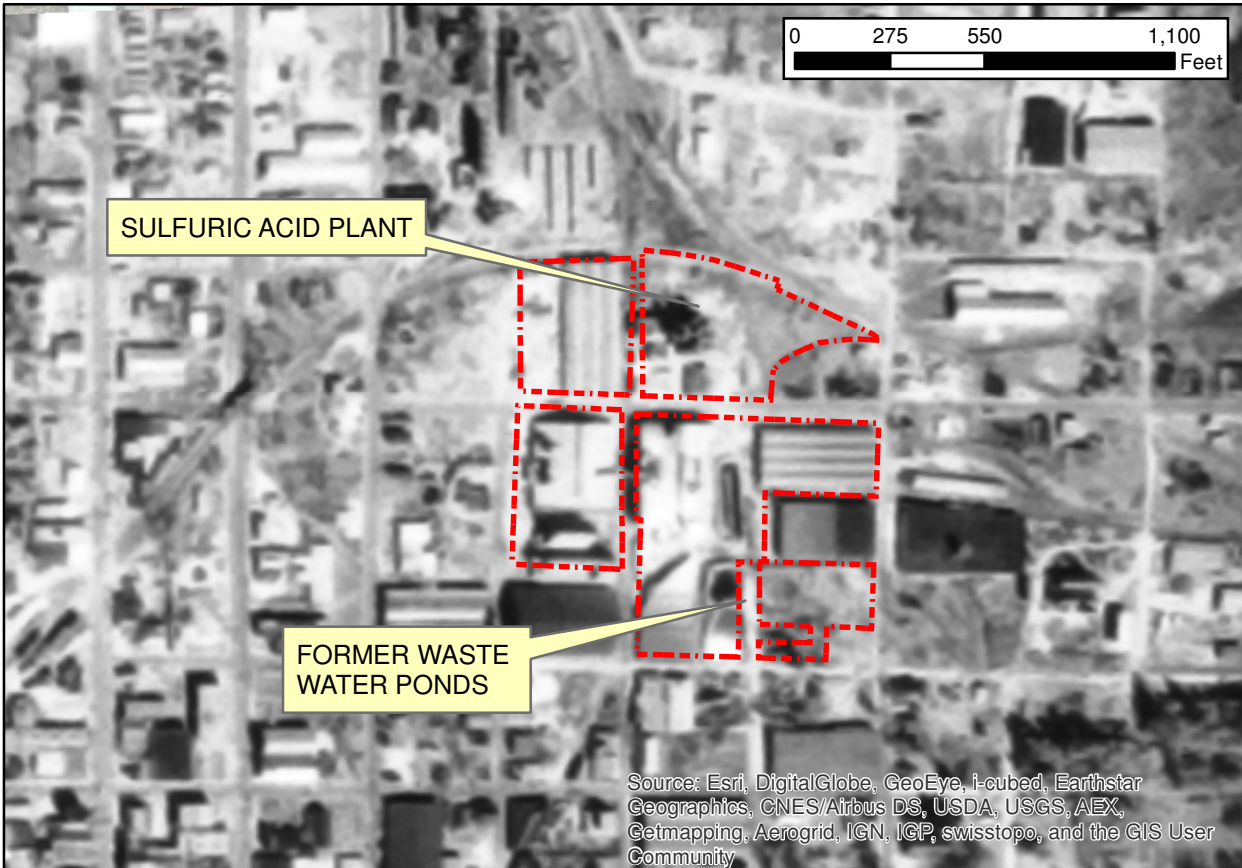


Tallahassee, Florida

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



Sulfuric Acid Plant 1992



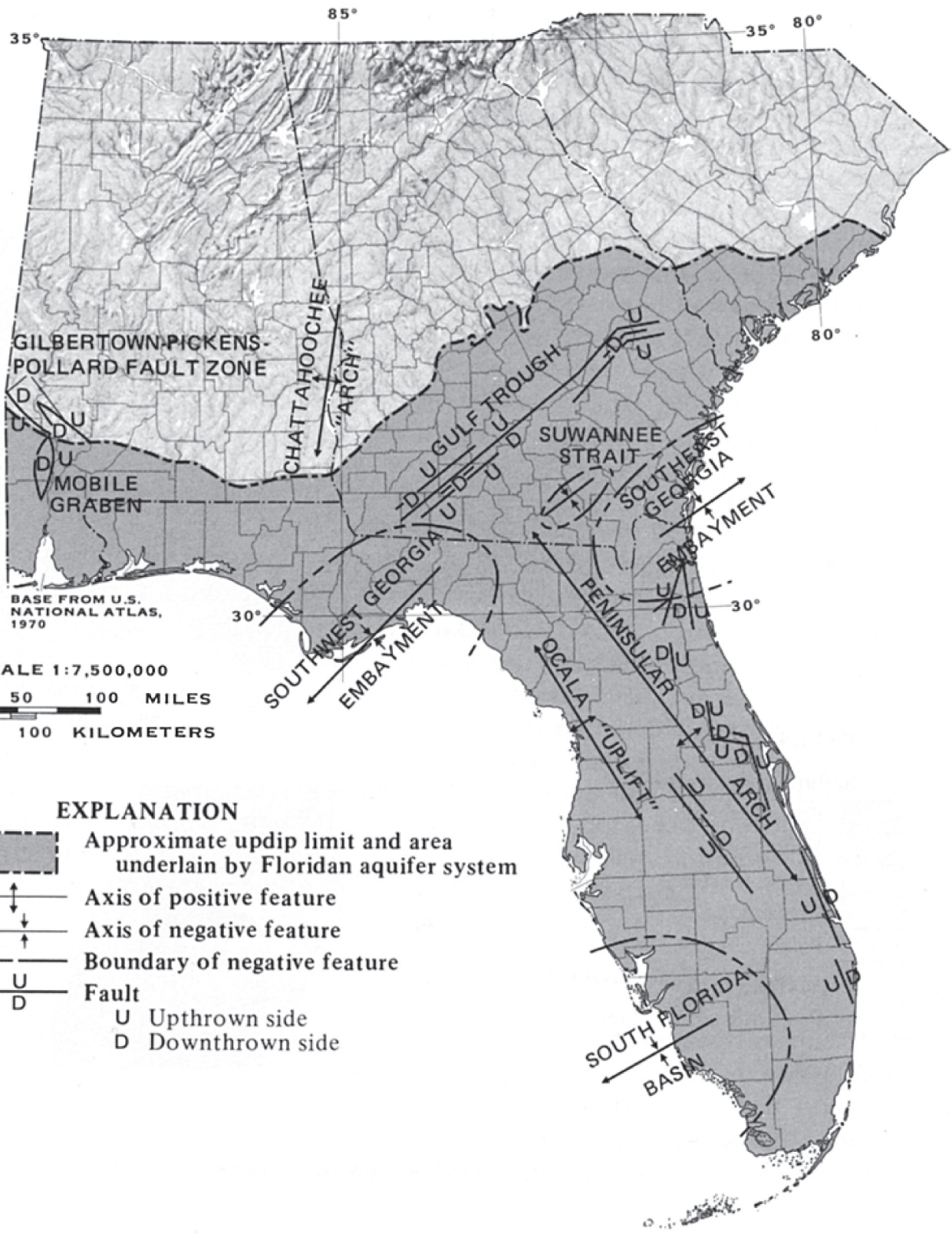
**FORMER FARMERS
FAVORITE FERTILIZER
MOULTRIE, GA**

Site Source Locations

G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXD\CSR\Fig03_site_source_locations.mxd

Figure 3

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



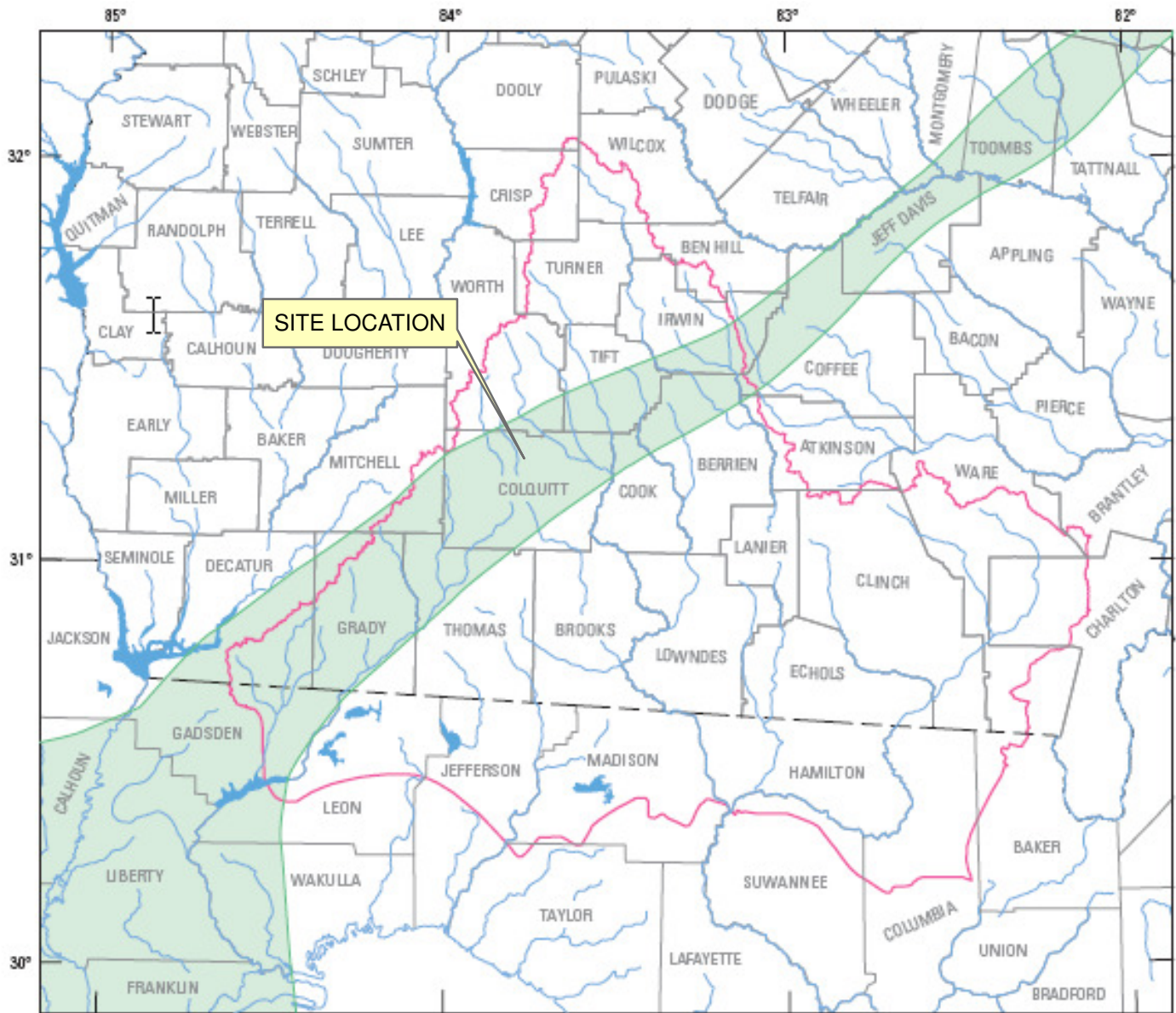
Source: USGS, Scientific Investigations Report 2010 - 5072

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

URS
Tallahassee, Florida

**GEOLOGIC STRUCTURAL
FEATURES**

Figure
4



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



EXPLANATION

- Approximate location of the Gulf Trough-Apalachicola Embayment
- Study area

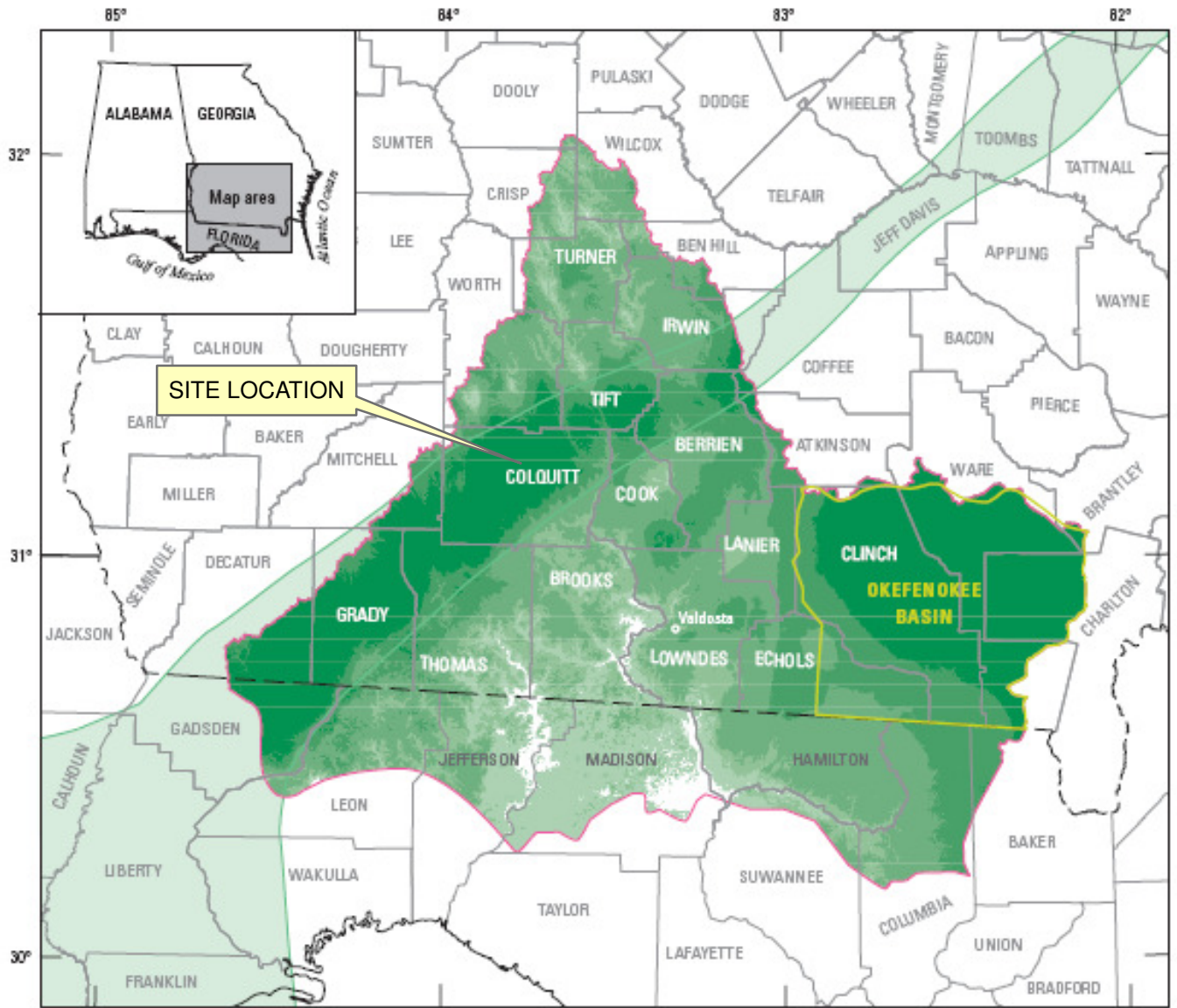
Source: USGS, Scientific Investigations Report 2010 - 5072

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

URS
Tallahassee, Florida

**GULF TROUGH LOCATION
IN RELATIONSHIP TO
MOULTRIE, COLQUITT COUNTY**

Figure
5



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



EXPLANATION

Overburden thickness, in feet*	Potential	
	Vertical leakage	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

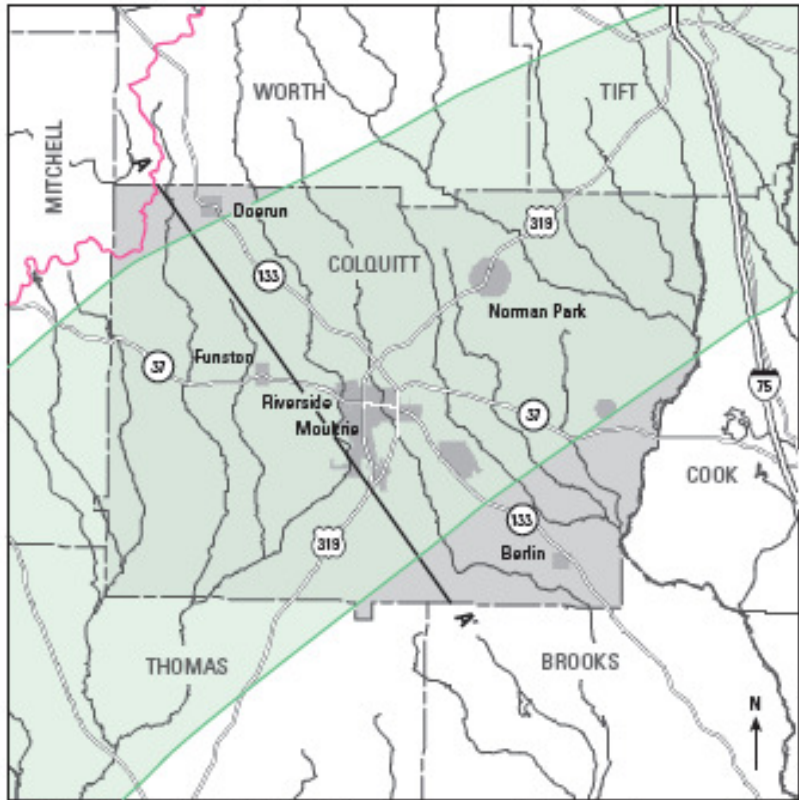
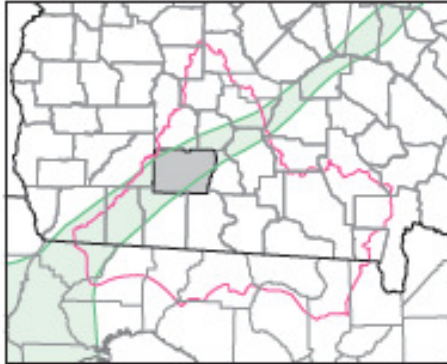
Source: USGS, Scientific Investigations Report 2010 - 5072

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

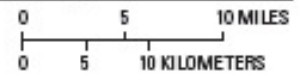
URS
Tallahassee, Florida

**UPPER CONFINING UNIT
THICKNESS MAP**

Figure
6

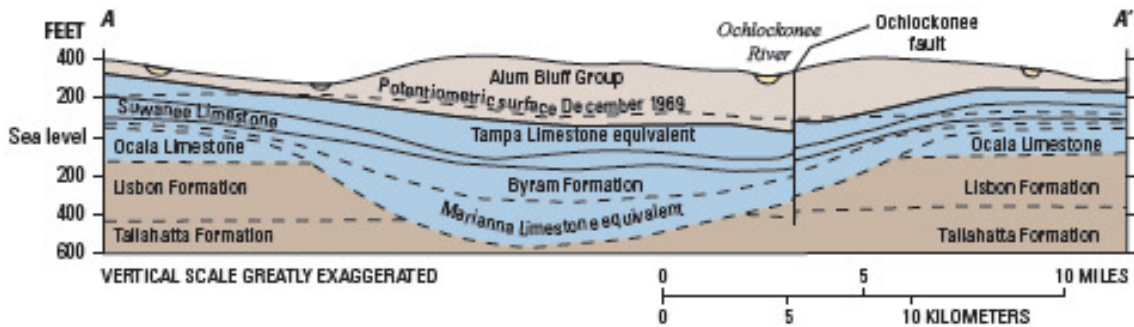


Base modified from U.S. Geological Survey
1:100,000-scale digital files



EXPLANATION

- | | |
|--|--|
| <p>MAP</p> <ul style="list-style-type: none"> Approximate location of Gulf Trough–Apalachicola Embayment Study area boundary A — A' Line of section | <p>CROSS SECTION</p> <p>Hydrologic unit</p> <ul style="list-style-type: none"> Surficial aquifer system Upper semiconfining unit Upper Floridan aquifer Lower confining unit <p>Geologic contact—
Dashed where inferred</p> |
|--|--|



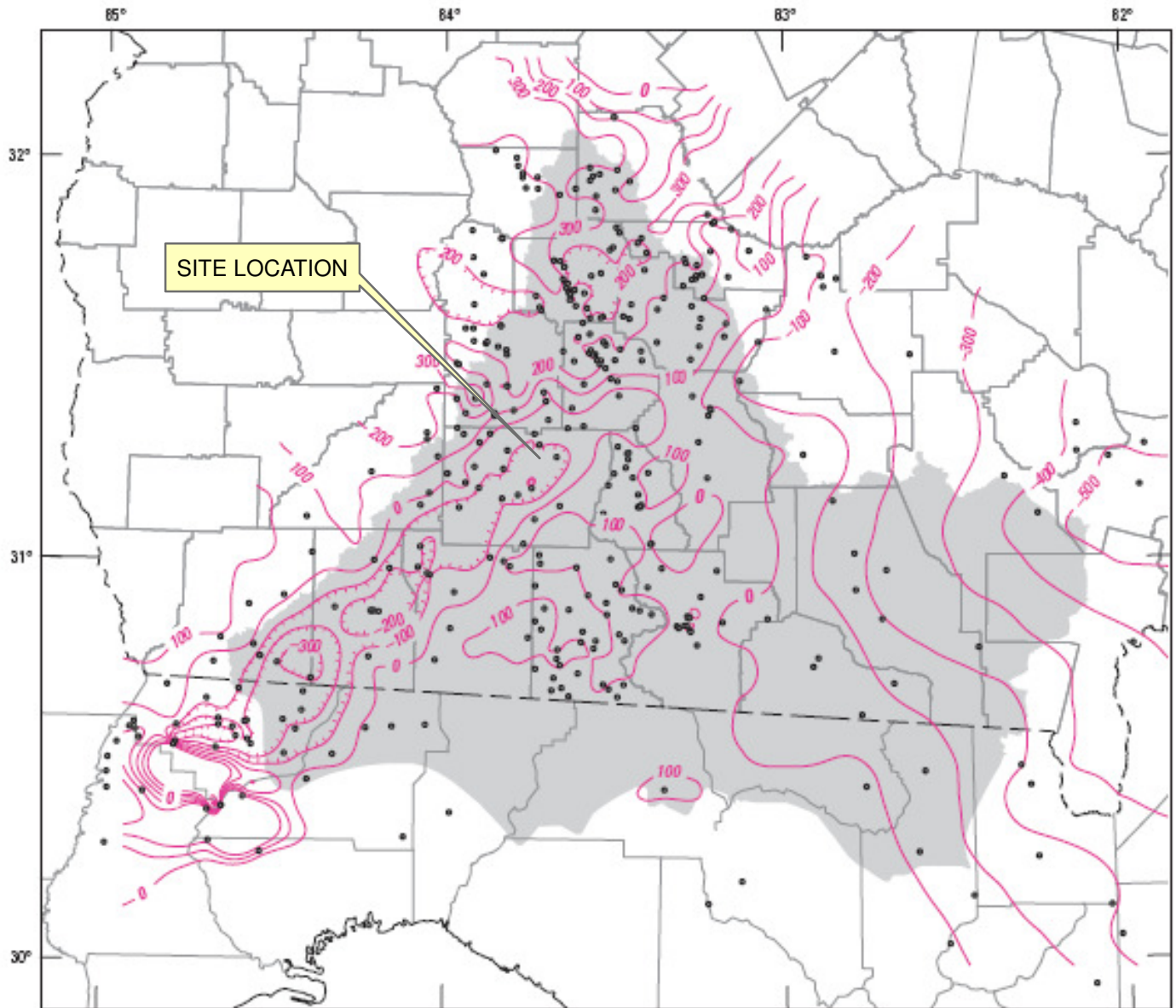
Source: USGS, Scientific Investigations Report 2010 - 5072
Note: Potentiometric surface shown is for the Floridan Aquifer

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

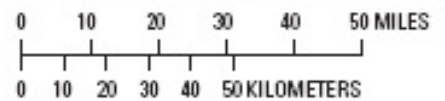


**GEOLOGIC SECTION ACROSS
COLQUITT COUNTY
(MODIFIED FROM USGS, 2010)**

Figure
7



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



EXPLANATION

- Study area
- 500 Structure contour—Shows altitude of the top of the Upper Floridan aquifer. Hachures indicate depression. Interval 100 feet. Datum is NGVD 29
- Data point

Source: USGS, Scientific Investigations Report 2010 - 5072

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

URS
Tallahassee, Florida

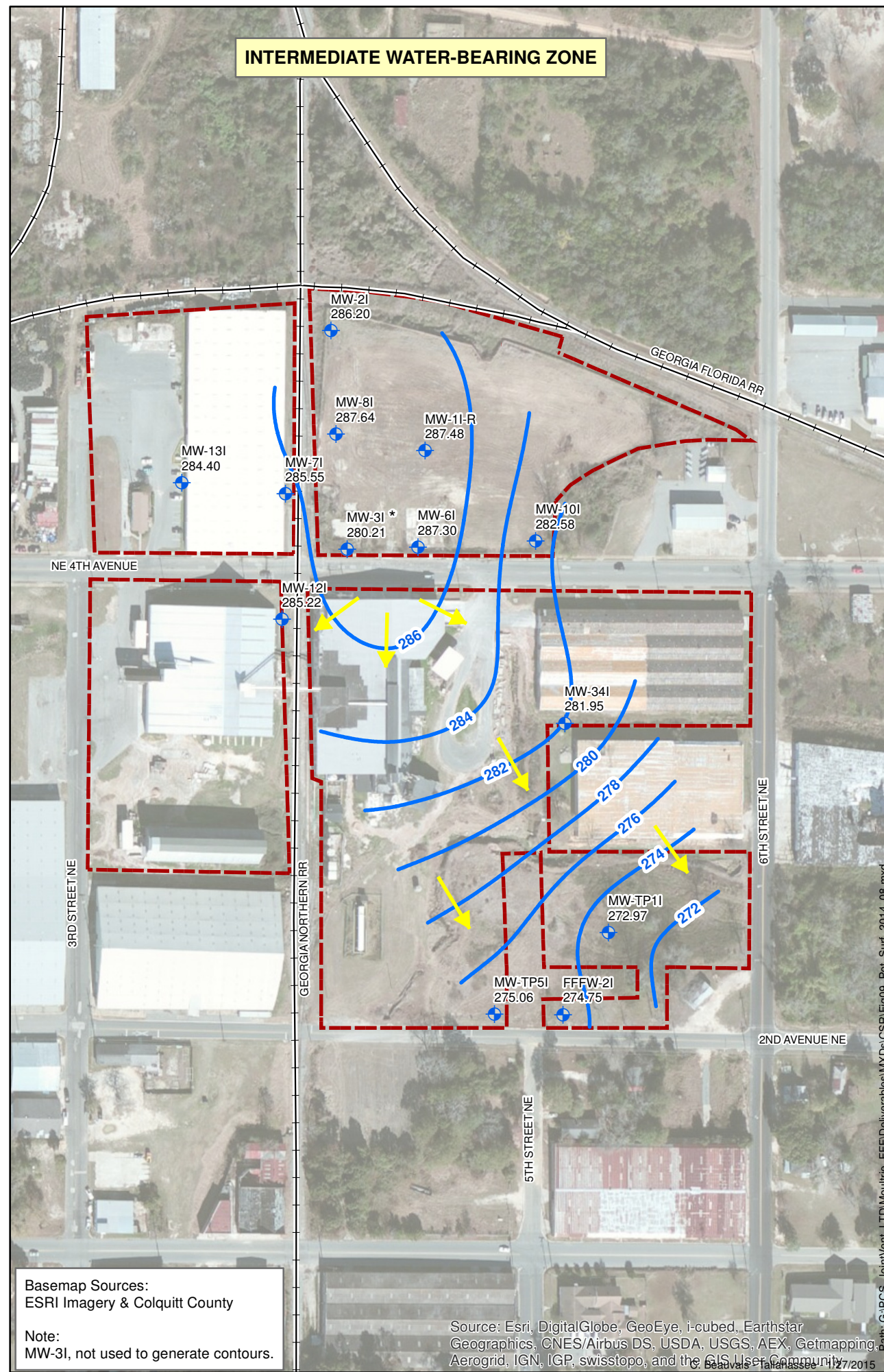
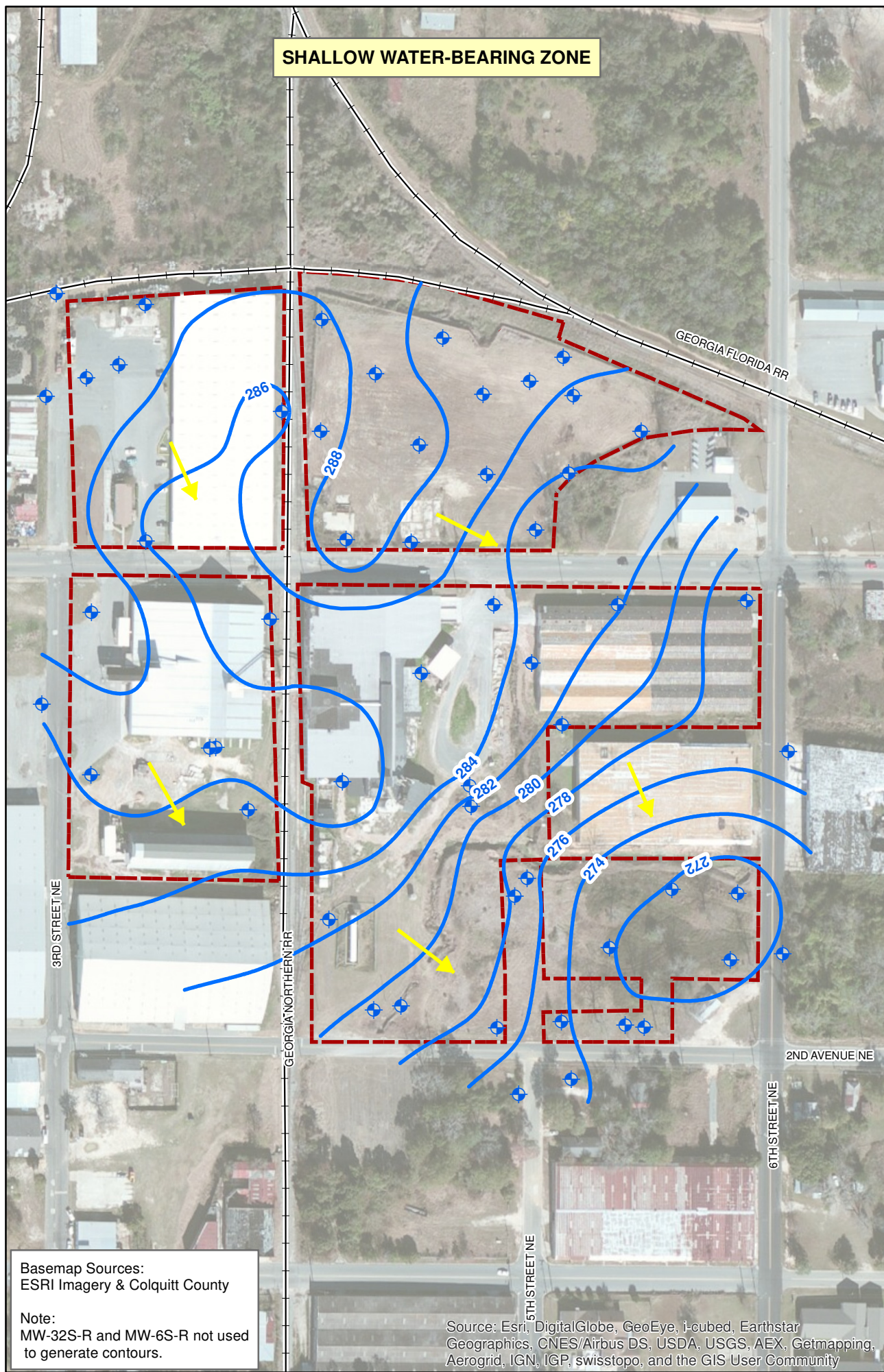
**TOP OF THE
FLORIDAN AQUIFER**

Figure
8

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

SHALLOW WATER-BEARING ZONE

INTERMEDIATE WATER-BEARING ZONE



- MW-31 Monitoring Well ID
- 286.30 Groundwater Elevation (ft NAVD88)
- 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

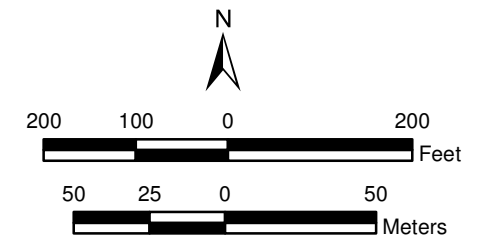


Figure 9
POTENTIOMETRIC SURFACES
OF UPPER CONFINING UNIT
WATER-BEARING ZONES
AUGUST 4, 2014



Basemap Sources:
 ESRI Imagery & Colquitt County

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

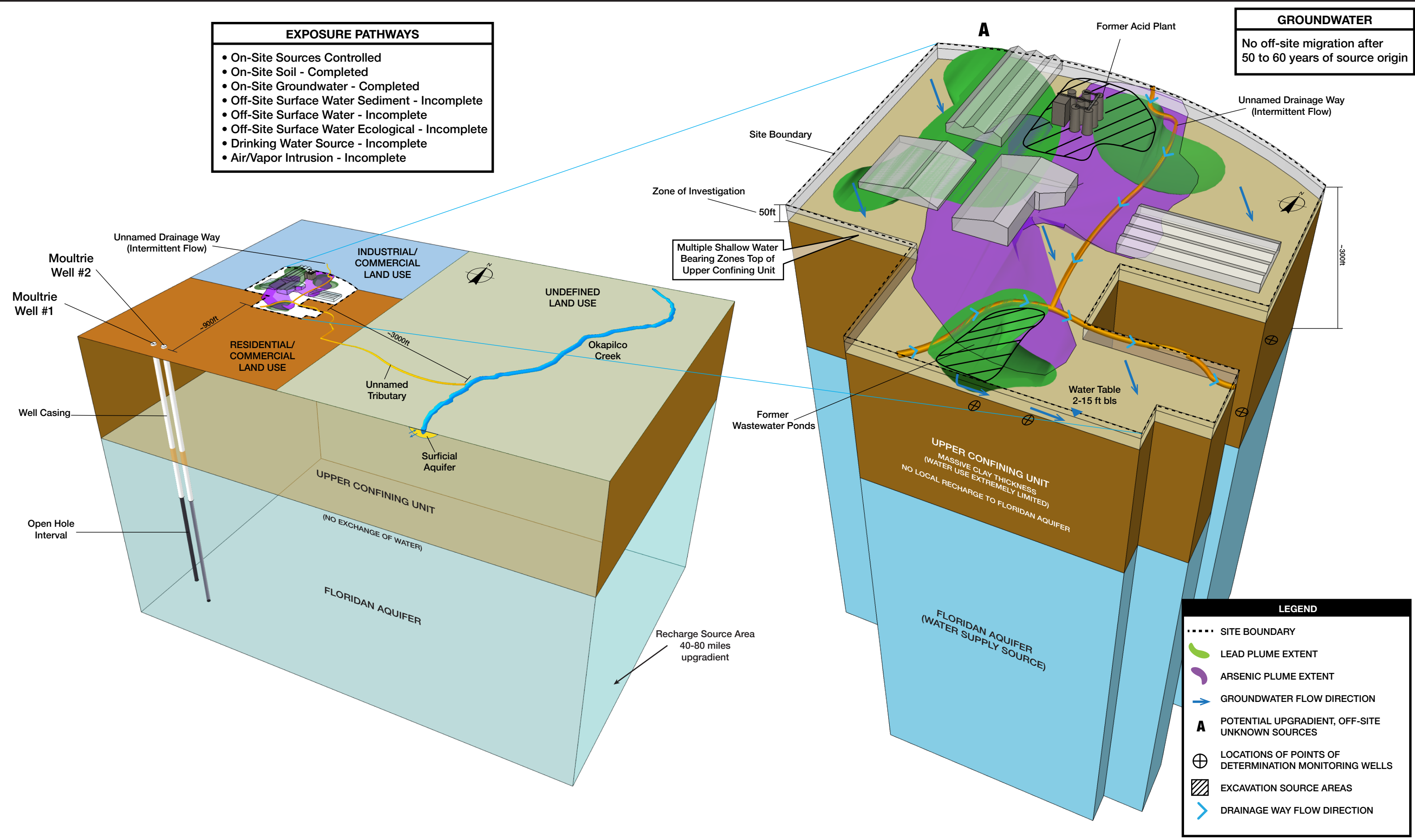
Source: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Basemap Sources:
 ESRI Imagery & Colquitt County

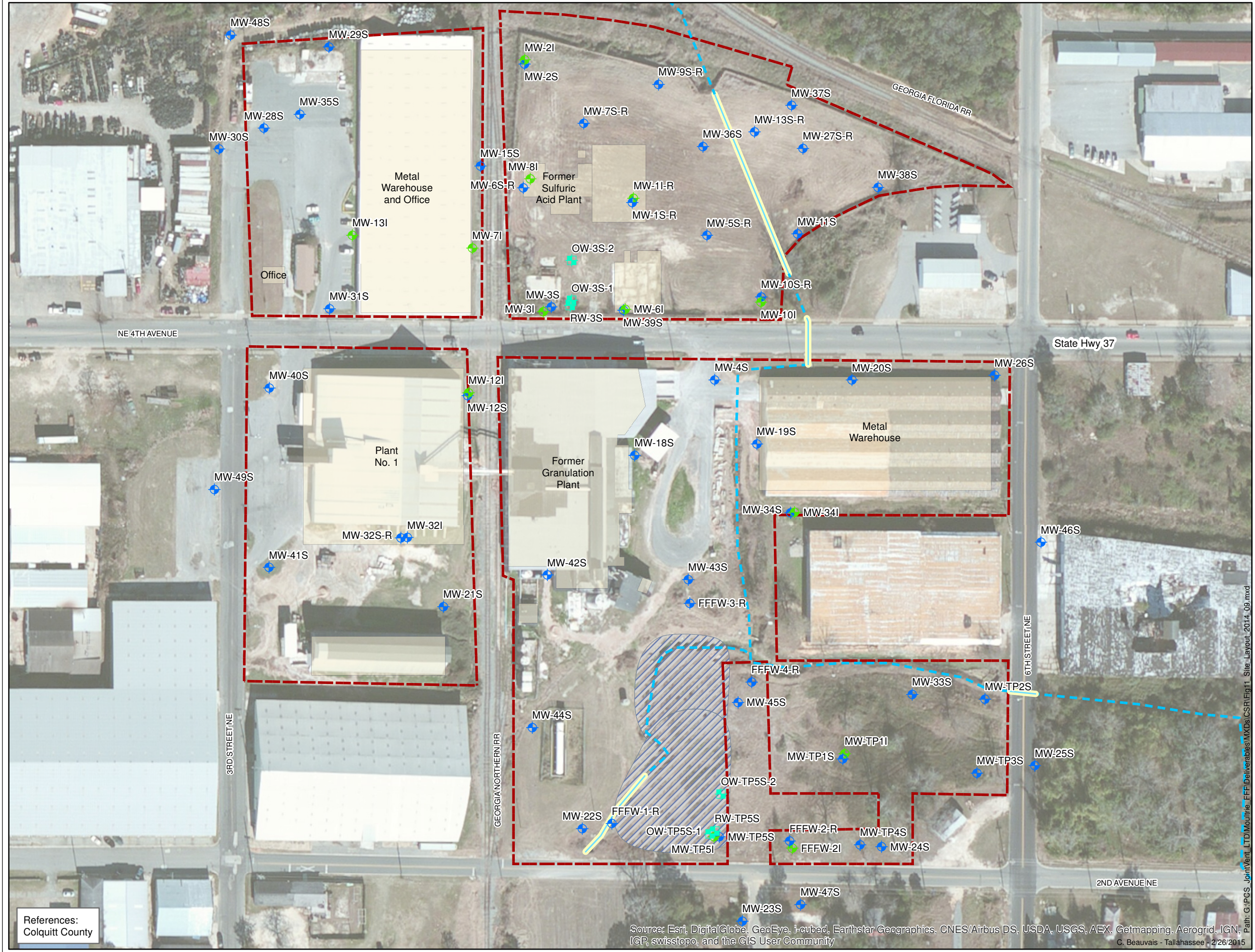
Note:
 MW-31, not used to generate contours.

Source: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Path: G:\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXD\CSR\Fig09_Pot_Surf_2014_08.mxd



**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

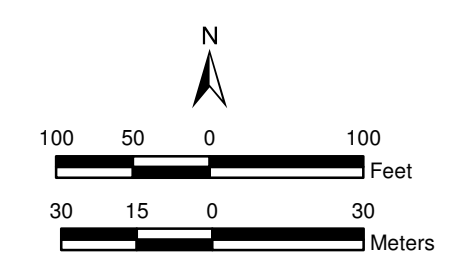


Figure
11

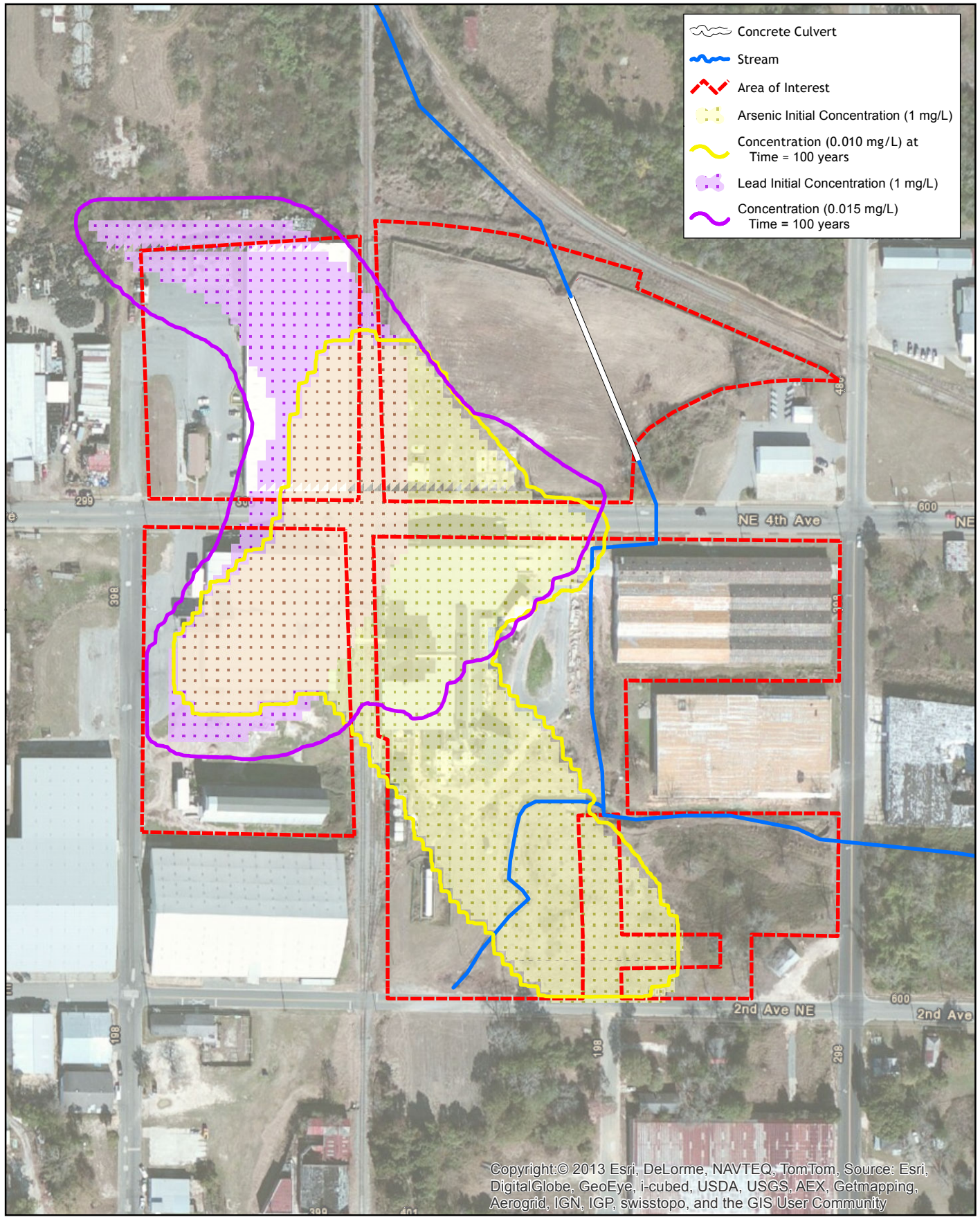
**SITE MONITORING
WELL LOCATIONS**



References:
Colquitt County

Source: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
C. Beauvais - Tallahassee - 2/26/2015

Path: G:\PCS - JointVent - LTD\Moultrie - FFF\Deliverables\MXDs\CSR\Fig11 - Site - Layout - 2014_09.mxd

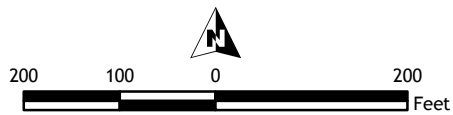


Former
 Farmers Favorite
 Fertilizer Site
 Moultrie, Georgia



Tallahassee

February 2014



Coordinate System: Georgia Stateplane West, NAD 83, Feet

Figure 12
 Extent of Arsenic and Lead
 Simulation Time of
 100 years

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 PAGE
0960 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.

NA-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 49-457 CAROLYN M. BRAZEL, CLERK
ON 2nd DAY OF May 2007
Carolyn M. Brazel DEPUTY CLERK

COLQUITT COUNTY, GEORGIA
Real Estate Transfer Tax
Paid 453.10
Date 05-02-2007
Carolyn M. Brazel
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.

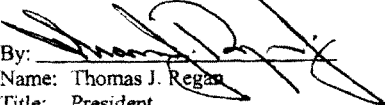
And the Grantor will warrant and forever defend the right and title to the above described
property unto the Grantee against the lawful claims of all persons owning, holding or claiming
by, through or under Grantor.

(SIGNATURES FOLLOW ON NEXT PAGE)

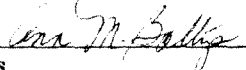
IN WITNESS WHEREOF, the Grantor has hereunto signed and sealed this indenture,
this the day and year first above written.

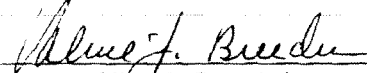
PCS Joint Venture, Ltd.
A Florida limited partnership

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

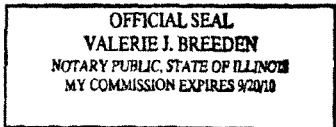


EXHIBIT "A"

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, Mingleedorff 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 of 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.

BOOK PAGE
0960 0456

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

BOOK PAGE
0960 0457

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

BOOK PAGE
642 218

BOOK PAGE
642 218

GENERAL COLQUITT COUNTY
CLERK OF SUPERIOR COURT
FILED FOR RECORD IN 2198 H.C. 99
25th DAY OF Feb 1999
RECORDED IN BOOK 642 PAGE 218
ON 25th DAY OF Feb 1999
Shirley Z. Ansell

CLERK OF SUPERIOR COURT
COLQUITT COUNTY, GA.
99 FEB 25 PM 3:17
SHIRLEY Z. ANSELL, CLERK

CLERK OF SUPERIOR COURT
COLQUITT COUNTY, GA.
FILED
RECORDED
ON 25th DAY OF Feb 1999
SHIRLEY Z. ANSELL, CLERK

STATE OF GEORGIA
COUNTY OF COLQUITT

EXECUTOR'S DEED

THIS INSTRUMENT, made this 25th day of February, 1999,
between LANTON 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.

R I T E R I T E

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,
1998, 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) SURVIVOR'S INTEREST IN A TRUST

All that certain piece, parcel or tract of land
situate, lying and being in the 6th Land District of

EXECUTOR'S DEED

(Lanton V. Matthews, Executor/Attorney of Flora
Styles Matthews to PCS Joint Venture, Ltd.)

LANDRETH & FOGLE
ATTORNEYS AT LAW
100 N. W. 10th St.
GAINESVILLE, FL 32601
TEL: 352-333-1111

Colquitt County, Georgia, being 1.08 acre, more or less, of Land Lot No. 762 in the City of Moultrie, and more particularly shown on a plat of survey thereof prepared by Jerry S. Lindsay, Surveyor, of date of February 19, 1979, 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, 1967, and recorded in Deed Book 139, 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:

Jub. Hunt
Witness

Lawton V. Matthews
Witness

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

LAW OFFICE OF
SCOTT & FORBES
AS ATTORNEYS
IN LAW
CORPORATE, REAL ESTATE,
INSURANCE AND PROBATE
LAW

NOTARY PUBLIC
STATE OF GEORGIA
JERRY S. LINDSAY
COUNTY OF COLQUITT

EXECUTOR'S DEED
Matthews, Executor/Estate of
Matthews to PCB Joint Venture, Ltd.
Page 2 of 2

RECORDED
2-2-96
3-1-96
CLERK

BOOK PAGE
642 220

BOOK PAGE
642 220

FILED CLERK SUPERIOR COURT
COLQUITT COUNTY, GA.

99 FEB 25 PM 5:17
SHIRLEY K. ASBELL, CLERK

GENERA, COLQUITT COUNTY
CLERK'S OFFICE, SUPERIOR COURT
FILED FOR RECORD AT 3:48 P.M. ON
25th DAY OF Feb 1999
RECORDED IN BOOK 642, PAGE 220-222
BY 2011 2011
Mason H. [Signature]

COLQUITT COUNTY, GEORGIA
Real Estate Transfer Tax

Fee 1.00
Tax 36.70
Total 37.70
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, LANTON V. MATTHEWS, NUGEN D.
MATTHEWS, JUDITH H. MATTHEWS BRYAN and MELANIE S. SCARBOROUGH 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 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 A TR:

All that certain piece, parcel or asset of land
situate, lying and being in the 8th Land District
of Colquitt County, Georgia, being 1.00 acre,
more or less, of Land Lot No. 263 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 13, 1998, and
recorded in Plat Book 33, Page 69, in the Office

LAND OFFICE OF
SHERIFF & POENNER
P.O. BOX 100
MOLTRIE, GEORGIA 31069
RECORDED
FOR 2011-2011

A

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 330, Page 3, Colquitt County Records and a 1/8 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 330, 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.B. Spur Tract 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:

Jack Abbott
Witness
Therrell G. Givens

NOTARY PUBLIC
JACK ABBOTT
COUNTY OF COLQUITT
Georgia
Signed, sealed & delivered in the presence of:

Lanton V. Matthews (SEAL)
LANTON V. MATTHEWS

NOTARY PUBLIC
JACK ABBOTT
COUNTY OF COLQUITT
Georgia

Jack Abbott
Witness
Therrell G. Givens

NOTARY PUBLIC
JACK ABBOTT
COUNTY OF COLQUITT
Georgia

WARRANTY DEED
et al. to PCS Joint Venture, Ltd.)
Page 2 of 3

BOOK PAGE
642 272

Signed, sealed & delivered
in the presence of:

Hubert D. Matthews (SEAL)
HUBERT D. MATTHEWS

Jack Short
Witness

Henry G. ...
Notary Public, Henry County, Georgia
My Commission Expires June 1, 2000

Joseph E. Matthews Bryan (SEAL)
JOSEPH E. MATTHEWS BRYAN

Signed, sealed & delivered
in the presence of:

Jack Short
Witness

Henry G. ...
Notary Public, Henry County, Georgia
My Commission Expires June 1, 2000

Elizabeth S. Scarborough (SEAL)
ELIZABETH S. SCARBOROUGH

Signed, sealed & delivered
in the presence of:

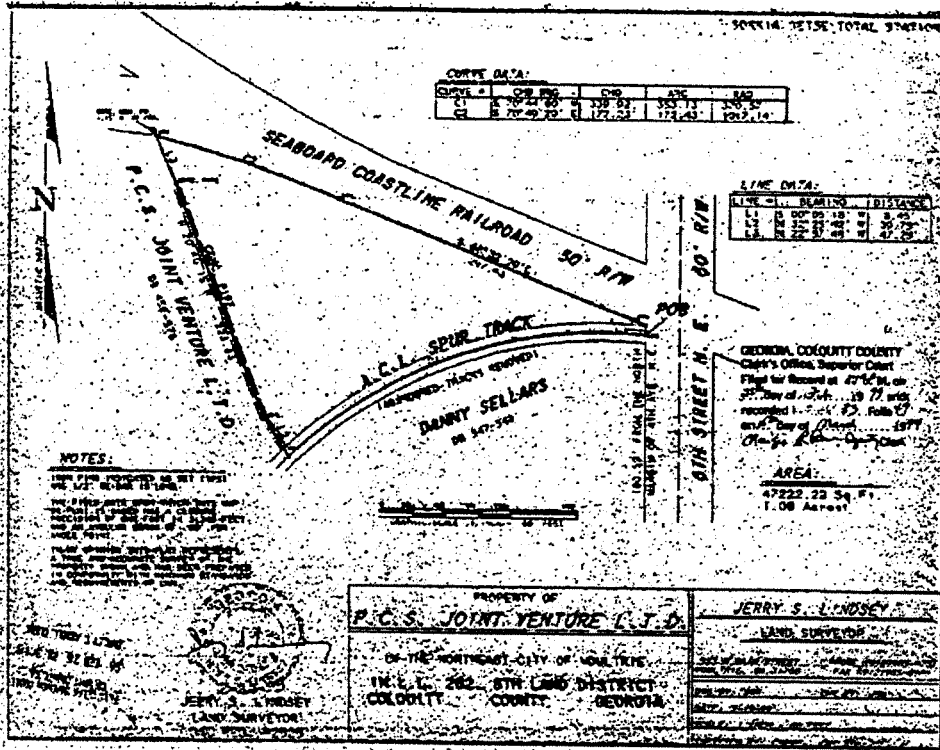
Carol S. Anderson
Witness

Henry G. ...
Notary Public
Notary Public, Henry County, Georgia
My Commission Expires June 1, 2000

COMMUNICATIONS
SECTION
FBI
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D.C. 20535

RECORDED 12-26-99
Shirley S. ... CLERK

WARRANTY DEED
(Elizabeth T. Matthews, et al. to BEC Joint Venture, Ltd.)
Page 1 of 3



11X14
Study Book
P.C.S. Joint Venture L.T.D.

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 S7K 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

[Signature]
Unofficial Witness

[Signature]
Notary Public

(NOTARY SEAL)
(NOTARY STAMP)



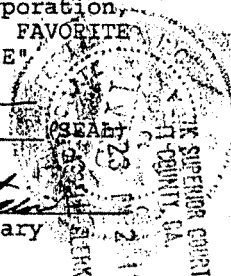
OFFICIAL SEAL
LINDA S. MILLER
My Commission Expires
Nov. 25, 1995

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

[Signature]
BY: AS ITS: President

ATTEST: *[Signature]*
AS ITS: Asst. Secretary

Colquitt County, Georgia
Real Estate Transfer Tax
Paid \$ 520.30
Date 1-23-92
Clerk of Court



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

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

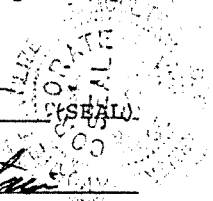
Signed, sealed and delivered
in our presence on this
15 day of January, 1992

FARMERS FAVORITE FERTILIZER OF
MOULTRIE, INC., a Georgia corp-
oration

A. Hajwinski
Unofficial Witness
Linda S. Miller
Notary Public

BY: *[Signature]*
AS ITS: President

ATTEST: *[Signature]*
AS ITS: Asst. Secretary



(NOTARY SEAL)
(NOTARY STAMP)



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

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.

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 of 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.

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 $0^{\circ}17'$ 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 $22^{\circ}18'23''$ East 47.75 feet to a point, thence run South $20^{\circ}41'35''$ East 223.29 feet to a point, thence run South $32^{\circ}13'30''$ 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 $89^{\circ}57'$ 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 $89^{\circ}57'$ 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 $32^{\circ}14'5''$ East 9.23 feet to a point, thence run South $22^{\circ}41'20''$ East 57.30 feet to a concrete monument in the North margin of Fourth Avenue, Northeast, thence run South $89^{\circ}57'$ 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 $89^{\circ}57'$ West a distance of 17.67 feet to lands of the Georgia Northern Railroad, thence run South $0^{\circ}17'$ East along lands of Georgia Northern Railroad 302 feet, thence run North $89^{\circ}57'$ East along lands of said Railroad 17.67 feet to the West margin of said Parcel #6, thence run North $0^{\circ}17'$ 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 $89^{\circ}57'$ 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 $0^{\circ}17'$ 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 $89^{\circ}57'$ 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 $0^{\circ}24'$ 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 2 Asbell CLERK

SHORT & FOWLER
P.O. BOX 12
MOUNTAIN VIEW, GEORGIA 31776
912/968-3850

BOOK PAGE
656 412

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 19 99
RECORDED IN BOOK 656 PLAT 412-413
ON 14th DAY OF July 19 99
Margi Clark DEPUTY CLERK

COLQUITT COUNTY, GEORGIA
Real Estate Tax Collector's Office

Paid 1.50
Date 7-14-99
Margi Clark
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.

M I N I M U M

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. Lindsay, 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 1007
MOUNTAIN VIEW, GEORGIA 31776
(912) 968-3850
FAX (912) 968-3850

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.

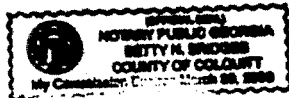
Witness the hand and seal of the Party of the First Part the day and year first above written.

 (SEAL)
DAN GAY

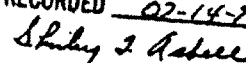
Signed, sealed & delivered in the presence of:


Witness


Notary Public



LAW OFFICE OF
Jack Short
P.O. BOX 107
WALTON, GEORGIA 30787
(912) 836-4500
FAX (912) 836-4501

RECORDED 02-14-99

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]

Appendix B August 2014 Semi-Annual Groundwater Sampling Results

- 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

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August 2014 Semi-Annual Groundwater Sampling Results

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.

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August 2014 Semi-Annual Groundwater Sampling Results

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)

Appendix B August 2014 Semi-Annual Groundwater Sampling Results

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)

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August 2014 Semi-Annual Groundwater Sampling Results

- 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.

Appendix B August 2014 Semi-Annual Groundwater Sampling Results

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

Appendix B August 2014 Semi-Annual Groundwater Sampling Results

(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.

Appendix B August 2014 Semi-Annual Groundwater Sampling Results

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-21	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
SUMMARY OF SITE FIELD PARAMETER MEASUREMENTS
Former Farmers Favorite Fertilizer Facility
Moultrie, Georgia

Location	Date	pH (SUs)	Temperature (°C)	Conductivity (mS/cm)	Dissolved Oxygen (O ₂) (mg/L)	Oxidation Reduction Potential (mV)	Turbidity (NTUs)
MW-4S	01/26/99	6.43	NM	7700	NM	NM	14.9
	05/09/00	4.38	NM	817	NM	NM	4.62
	11/14/01	4.14	NM	675	NM	NM	1.42
	12/22/02	5.29	NM	859	NM	NM	12
	06/19/03	4.69	NM	2720	NM	NM	1
	08/28/09	4.59	27.98	7891	0.88	161	21.8
	08/25/10	5.27	29.83	3603	2.18	201	8.5
	02/23/11	6.04	18.29	4489	2.26	188	2.9
	08/30/11	5.88	31.33	8186	0.49	147.6	1.62
	03/15/12	5.40	22.22	4483	0.15	86.9	2.13
	08/25/12	6.00	29.98	15669	0.20	242.4	1.75
	03/14/13	6.30	19.04	10880	0.44	208.7	4.39
	08/28/13	5.87	30.73	2337	0.34	172.8	2.22
	03/05/14	5.81	17.74	11195	0.98	251	2.95
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
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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-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	01/26/99	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

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

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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)
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															Total Number of Metals Analyzed
				Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	
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-11-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															Total Number of Metals Analyzed
				Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	
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
Type 1 Risk Reduction Standard		0.010	2	0.004	0.005	1.3	0.015	0.002	0.1	0.05	0.002	2
EQ-1	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 Detection 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

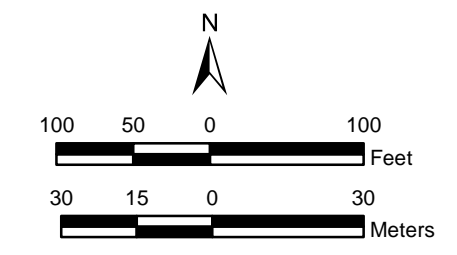
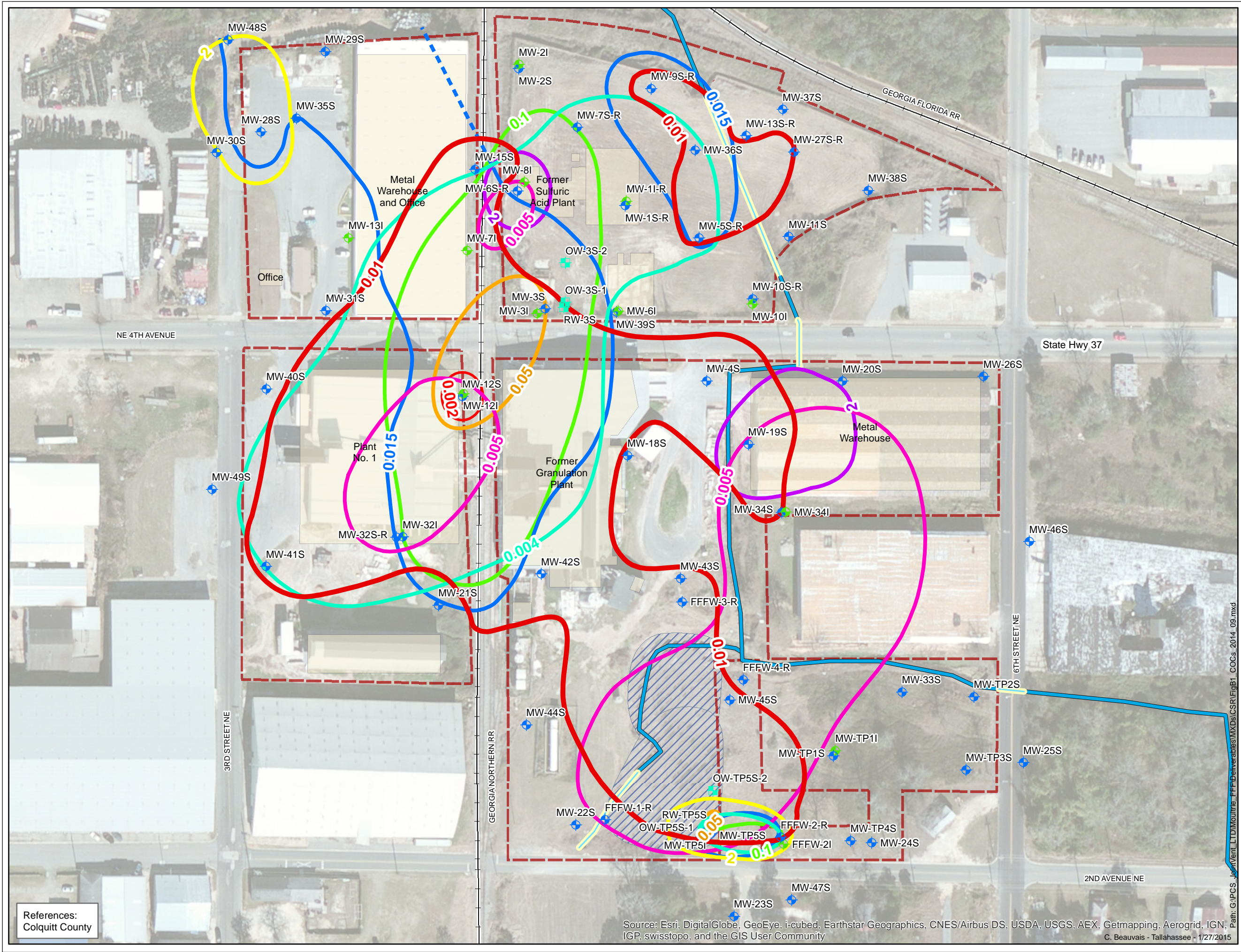


Figure
B-1
COC CONCENTRATIONS
WATER BEARING ZONE OF THE
UPPER CONFINING UNIT
AUGUST 2014







References:
Colquitt County

Source: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
C. Beauvais - Tallahassee - 1/27/2015

Path: G:\PCS_JointVent_LTD\Moultrie_FFFW\Deliverables\MXDs\CSR\FigB1_COCs_2014_09.mxd

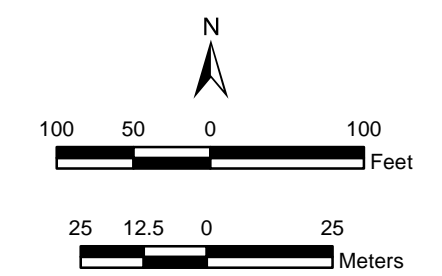
**FORMER FARMERS
FAVORITE FERTILIZER
315 4TH AVENUE NE
MOULTRIE, GA**

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

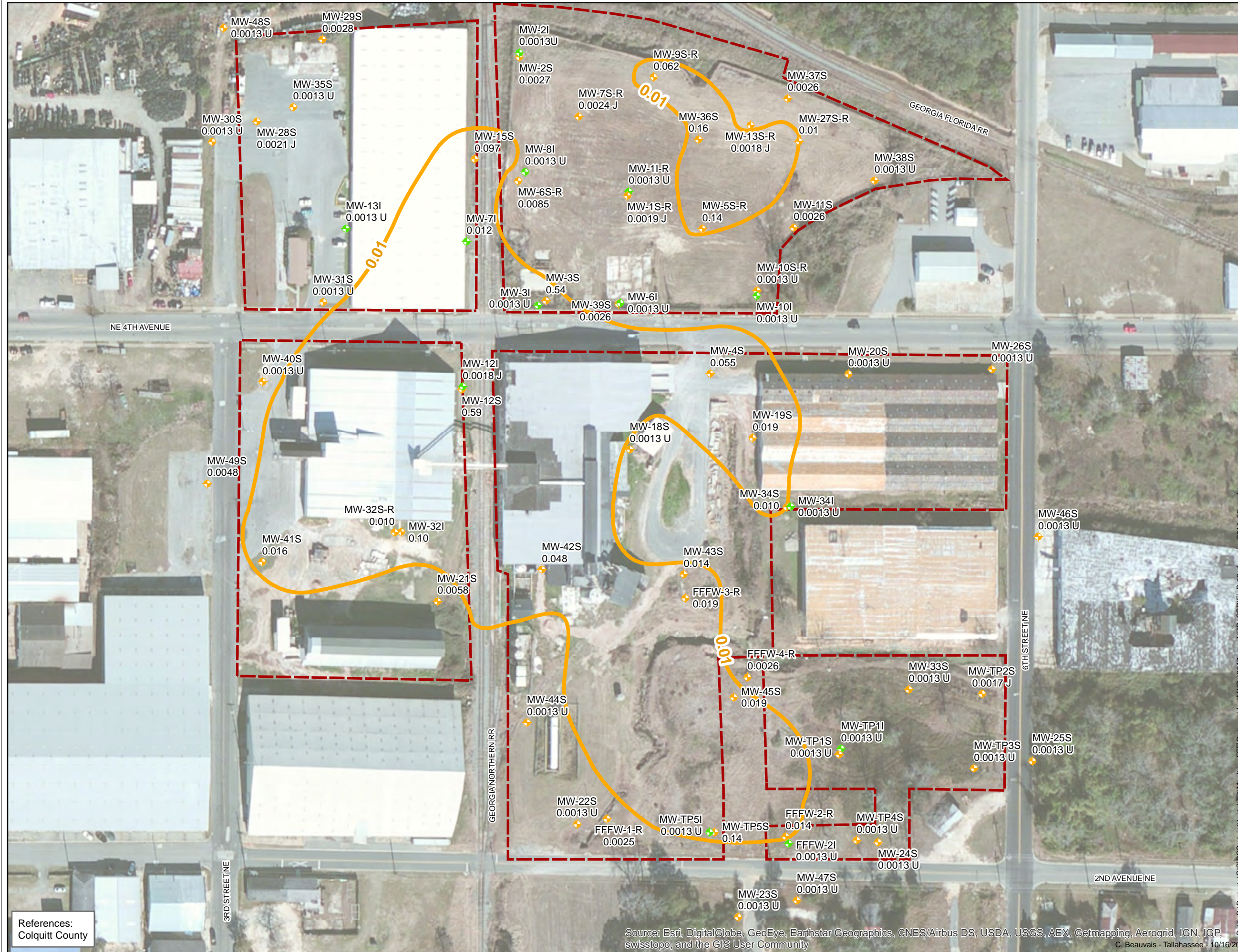
NOTES:
Reference Value for Arsenic is 0.010 mg/L
U = Not detected
J = Result less than reporting limit, but greater than or equal to the method detection limit

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

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



**Figure
B-2
ARSENIC CONCENTRATIONS
IN WATER-BEARING ZONES OF
THE UPPER CONFINING UNIT
AUGUST 2014**








References:
Colquitt County

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
C. Beauvais - Tallahassee - 10/16/2017

Path: R:\Projects\GIS\POS - JointVent - LTI\Moultrie - FFF\Deliverables\MXD\2017 - rev_VRP - CSR\FigB-02_Arsenic_2014_08.mxd

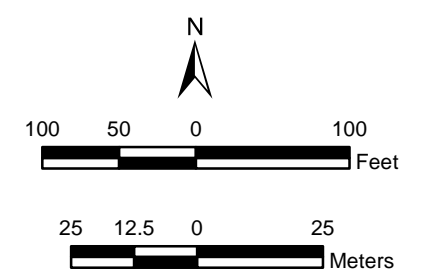
**FORMER FARMERS
FAVORITE FERTILIZER
315 4TH AVENUE NE
MOULTRIE, GA**

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

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

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

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







**Figure
B-3
BARIUM CONCENTRATIONS
IN WATER-BEARING ZONES OF
THE UPPER CONFINING UNIT
AUGUST 2014**



References:
ESRI Imagery
Colquitt County

Path: R:\Projects\GIS\BOS_JointVent_LTD\Moultrie_FFF\Deliverables\MXD\2017_rev_VRP_CSR\FigB-03_Barium_2014_08.mxd

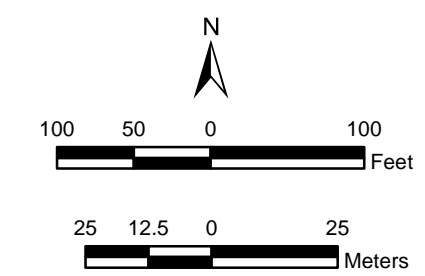
**FORMER FARMERS
FAVORITE FERTILIZER
315 4TH AVENUE NE
MOULTRIE, GA**

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

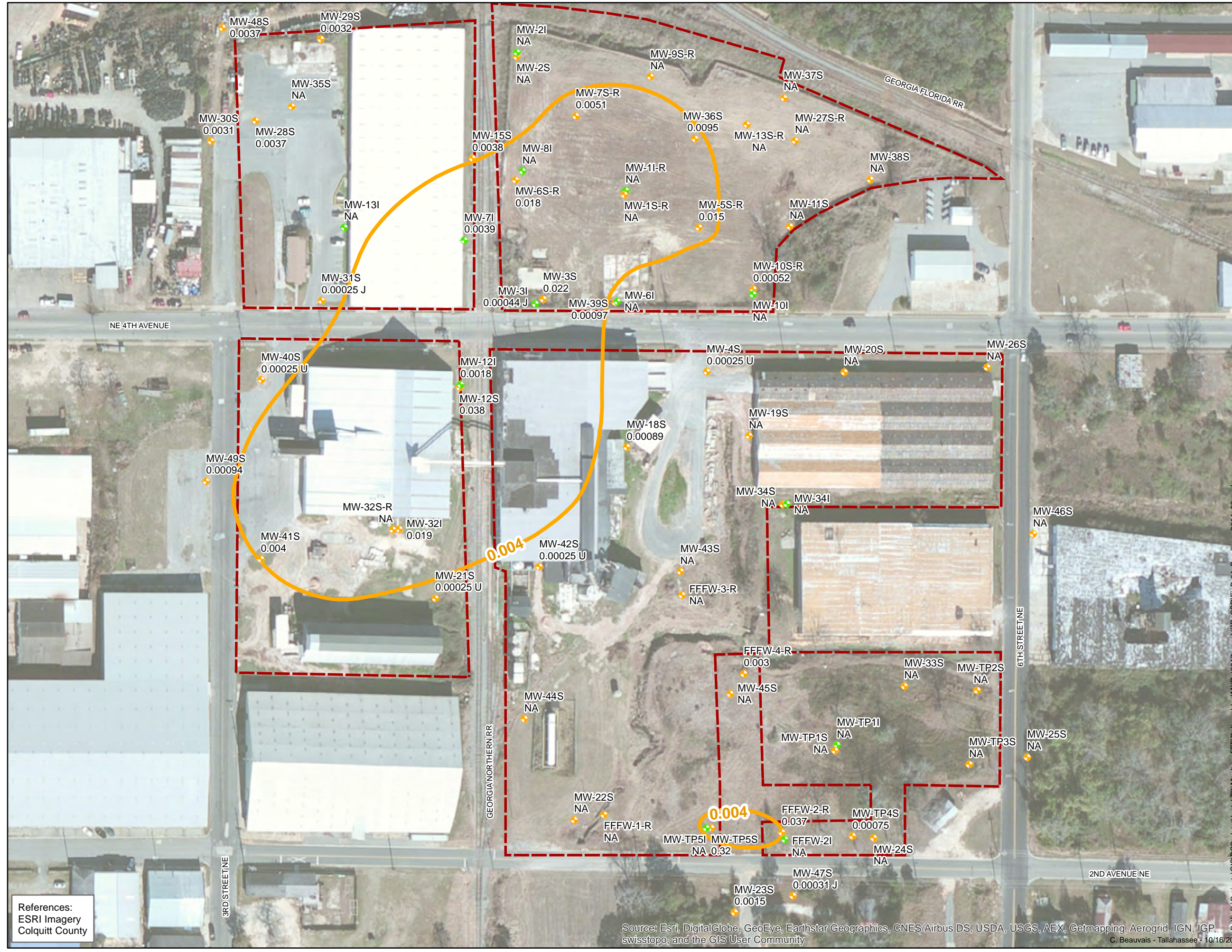
NOTES:
Reference Value for Beryllium is 0.004 mg/L
U = Not detected
J = Result less than reporting limit, but greater than or equal to the method detection limit
NA = Not Analyzed

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

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



**Figure
B-4
BERYLLIUM CONCENTRATIONS
IN WATER-BEARING ZONES OF
THE UPPER CONFINING UNIT
AUGUST 2014**







References:
ESRI Imagery
Colquitt County

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
C. Beauvais - Tallahassee - 10/16/2017

Path: R:\Projects\GIS\BPS_JointVent_LTD\Moultrie_FFF\Deliverables\MXD\2017_rev_VRP_CSR\FigB-04_Beryllium_2014_08.mxd

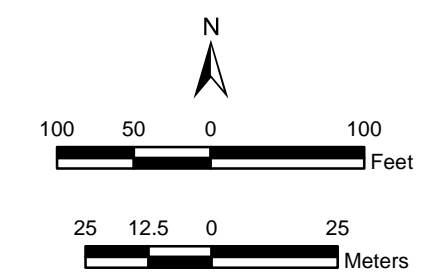
**FORMER FARMERS
FAVORITE FERTILIZER
315 4TH AVENUE NE
MOULTRIE, GA**

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

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

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

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



**Figure
B-5
CADMIUM CONCENTRATIONS
IN WATER-BEARING ZONES OF
THE UPPER CONFINING UNIT
AUGUST 2014**







References:
Colquitt County

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
C. Beauvais - Tallahassee - 10/16/2017

Path: R:\Projects\GIS\PCIS - JointVent - LTI\Moultrie - FFF\Deliverables\MXD\2017 - rev_VRP - CSR\Fig-B-05_Cadmium_2014_08.mxd

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

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

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

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

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

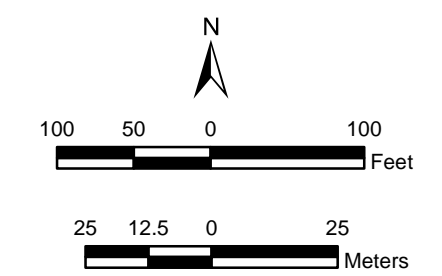


Figure
B-6

**COPPER CONCENTRATIONS
IN WATER-BEARING ZONES OF
THE UPPER CONFINING UNIT
AUGUST 2014**








References:
ESRI Imagery
Colquitt County

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
C. Beauvais - Tallahassee - 10/16/2017

Path: R:\Projects\GIS\PCS - JointVent - LTI\Moultrie - FFF\Deliverables\MXD\2017 - rev_VRP - CSR\Fig-B-06_Copper_2014_08.mxd

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

-  Shallow Monitoring Well
-  Intermediate Monitoring Well
-  Lead Isocontour, mg/L Shallow Zone
-  Inferred Lead Contour
-  Approximate Site Boundary

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

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

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

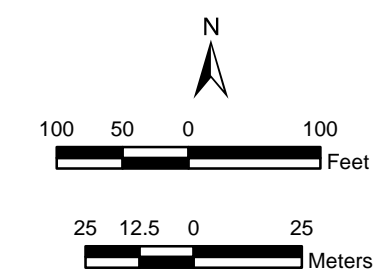


Figure B-7

**LEAD CONCENTRATIONS
IN WATER-BEARING ZONES OF
THE UPPER CONFINING UNIT
AUGUST 2014**







References:
ESRI Imagery
Colquitt County

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
C. Beauvais - Tallahassee - 10/16/2017

Path: R:\Projects\GIS\PCPS - JointVent - LTM\oultre - FFF\Deliverables\MXD\2017 - rev_VRP_CSR\FigB-07_Lead_2014_08.mxd

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

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

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

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

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

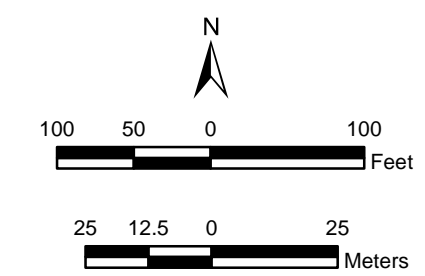


Figure B-8

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








References:
Colquitt County

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
C. Beauvais - Tallahassee - 10/16/2017

Path: R:\Projects\GIS\PCS - JointVent - LTI\Moultrie - FFF\Deliverables\MXD\2017 - rev_VRP - CSR\FigB-08_Nickel_2014_08.mxd

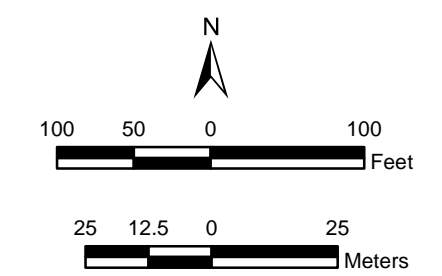
**FORMER FARMERS
FAVORITE FERTILIZER
315 4TH AVENUE NE
MOULTRIE, GA**

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

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

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

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



**Figure
B-9
SELENIUM CONCENTRATIONS
IN WATER-BEARING ZONES OF
THE UPPER CONFINING UNIT
AUGUST 2014**







References:
ESRI Imagery
Colquitt County

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
C. Beauvais - Tallahassee - 10/16/2017

Path: R:\Projects\GIS\SPCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXD\2017_rev_VRP_CSR\FigB-09_Selenium_2014_08.mxd

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

-  Shallow Monitoring Well
-  Intermediate Monitoring Well
-  Thallium Isocontour, mg/L Shallow Zone
-  Approximate Site Boundary

NOTES:
Reference Value for Thallium is 0.002 mg/L
U = Not detected
J = Result less than reporting limit, but greater than or equal to the method detection limit
NA = Not Analyzed

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

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

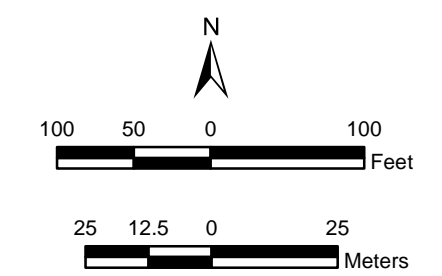


Figure B-10

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







References:
ESRI Imagery
Colquitt County

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
C. Beauvais - Tallahassee - 10/16/2017

Path: R:\Projects\GIS\PCS_JointVent_LTD\Moultrie_FFF\Deliverables\MXD\2017_rev_VRP_CSR\FigB-10_Thallium_2014_08.mxd

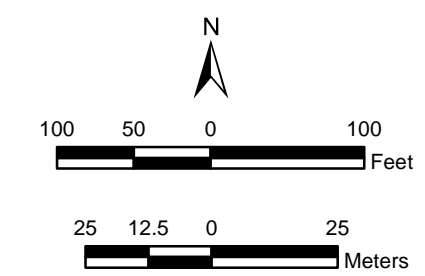
**FORMER FARMERS
FAVORITE FERTILIZER
315 4TH AVENUE NE
MOULTRIE, GA**

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

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

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

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



**Figure
B-11
ZINC CONCENTRATIONS
IN WATER-BEARING ZONES OF
THE UPPER CONFINING UNIT
AUGUST 2014**



References:
ESRI Imagery
Colquitt County

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
C. Beauvais - Tallahassee - 10/16/2017

Path: R:\Projects\GIS\PCS - JointVent - LTI\Moultrie - FFF\Deliverables\MXD\2017 - rev_VRP - CSR\FigB-11_Zinc_2014_08.mxd

ATTACHMENTS

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

For:
URS Corporation
1625 Summit Lake Drive
Suite 200
Tallahassee, Florida 32317

Attn: Mr. Jeff Wagner

Noel Savoie

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

Noel Savoie, Project Management Assistant II
(850)878-3994
noel.savoie@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



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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Case Narrative	4
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Client Sample Results	22
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Certification Summary	135
Method Summary	137
Sample Summary	138
Chain of Custody	140

Definitions/Glossary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Qualifiers

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
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)

Case Narrative

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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 0.4° C and 1.2° 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.

TestAmerica Tallahassee

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.

TestAmerica Tallahassee

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.

TestAmerica Tallahassee

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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.

TestAmerica Tallahassee

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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.

TestAmerica Tallahassee

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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.

TestAmerica Tallahassee

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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	Total 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.

TestAmerica Tallahassee

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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.

TestAmerica Tallahassee

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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.

TestAmerica Tallahassee

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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.

TestAmerica Tallahassee

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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.

TestAmerica Tallahassee

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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.

TestAmerica Tallahassee

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
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.

TestAmerica Tallahassee

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
Lead	0.00050	J	0.0015	0.00020	mg/L	1		6020A	Recoverable Total
Nickel	0.0029	J	0.0050	0.0020	mg/L	1		6020A	Recoverable Total

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
Beryllium	0.0030		0.00050	0.00025	mg/L	1		6020A	Recoverable Total
Lead	0.0039		0.0015	0.00020	mg/L	1		6020A	Recoverable Total
Nickel	0.023		0.0050	0.0020	mg/L	1		6020A	Recoverable Total
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
Nickel	0.013		0.0050	0.0020	mg/L	1		6020A	Recoverable Total

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
Nickel	0.0036	J	0.0050	0.0020	mg/L	1		6020A	Recoverable Total
Zinc	0.019	J	0.020	0.0083	mg/L	1		6020A	Recoverable Total
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.

TestAmerica Tallahassee

Detection Summary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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.

TestAmerica Tallahassee

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.

TestAmerica Tallahassee

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.

TestAmerica Tallahassee

Client Sample Results

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

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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

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Client Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

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

Date Collected: 08/08/14 09:40

Matrix: Water

Date Received: 08/08/14 16:52

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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

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Client Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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

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Client Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-11-R

Lab Sample ID: 640-48809-15

Date Collected: 08/06/14 08:24

Matrix: Water

Date Received: 08/08/14 16:52

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 Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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

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Client Sample Results

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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

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Client Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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

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Client Sample Results

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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

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Client Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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

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Client Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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

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Client Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-71

Lab Sample ID: 640-48809-45

Date Collected: 08/07/14 17:03

Matrix: Water

Date Received: 08/08/14 16:52

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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

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Client Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

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 Sample Results

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 Sample Results

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

Date Collected: 08/11/14 13:42

Matrix: Water

Date Received: 08/13/14 13:26

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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

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Client Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

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

Date Collected: 08/12/14 16:20

Matrix: Water

Date Received: 08/13/14 13:26

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

Client Sample ID: MW-TP11

Lab Sample ID: 640-48844-8

Date Collected: 08/13/14 08:21

Matrix: Water

Date Received: 08/13/14 13:26

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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

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Client Sample Results

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

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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

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Client Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

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

Date Collected: 08/11/14 15:41

Matrix: Water

Date Received: 08/13/14 13:26

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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 Sample Results

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

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Client Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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

QC Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

TestAmerica Tallahassee

QC Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
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

Matrix: Water

Analysis Batch: 345077

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 343708

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
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

Matrix: Water

Analysis Batch: 345434

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 343708

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
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

Matrix: Water

Analysis Batch: 345077

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 343708

Analyte	Spike	Added	LCS	LCS	Unit	D	%Rec	%Rec.
			Result	Qualifier				Limits
Arsenic	0.100	0.100	0.115		mg/L		115	75 - 125
Lead	0.0500	0.0500	0.0550		mg/L		110	75 - 125
Nickel	0.100	0.100	0.108		mg/L		108	75 - 125
Selenium	0.100	0.100	0.112		mg/L		112	75 - 125
Thallium	0.0400	0.0400	0.0430		mg/L		108	75 - 125
Zinc	0.100	0.100	0.111		mg/L		111	75 - 125

TestAmerica Tallahassee

QC Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

TestAmerica Tallahassee

QC Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

TestAmerica Tallahassee

QC Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD
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	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD
	Result	Qualifier	Added	Result	Qualifier				Limits	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

TestAmerica Tallahassee

QC Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

TestAmerica Tallahassee

QC Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

TestAmerica Tallahassee

QC Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	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

Matrix: Water

Analysis Batch: 345457

Client Sample ID: MW-11S

Prep Type: Total Recoverable

Prep Batch: 344178

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	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

Matrix: Water

Analysis Batch: 345739

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 345441

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
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

TestAmerica Tallahassee

QC Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
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	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
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	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier		Result	Qualifier				
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

TestAmerica Tallahassee

QC Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

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	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	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

Matrix: Water

Analysis Batch: 344507

Client Sample ID: MW-34I

Prep Type: Dissolved

Prep Batch: 344019

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	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

Matrix: Water

Analysis Batch: 345739

Client Sample ID: MW-40S

Prep Type: Dissolved

Prep Batch: 345441

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	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	

TestAmerica Tallahassee

QC Sample Results

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
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	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	0.000091	U	0.00020	0.00091	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	LCS	Unit	D	%Rec	%Rec.
		Result	Qualifier				Limits
Mercury	0.00250	0.00235		mg/L		94	80 - 120

TestAmerica Tallahassee

QC Association Summary

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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	

TestAmerica Tallahassee

QC Association Summary

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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	

TestAmerica Tallahassee



QC Association Summary

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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-11-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

TestAmerica Tallahassee

QC Association Summary

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

TestAmerica Tallahassee

QC Association Summary

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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	

QC Association Summary

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

TestAmerica Tallahassee

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

TestAmerica Tallahassee

Lab Chronicle

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

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-11-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

TestAmerica Tallahassee

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

TestAmerica Tallahassee

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

TestAmerica Tallahassee

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

TestAmerica Tallahassee

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

TestAmerica Tallahassee

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

TestAmerica Tallahassee

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

TestAmerica Tallahassee

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

TestAmerica Tallahassee

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

TestAmerica Tallahassee

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

TestAmerica Tallahassee

Lab Chronicle

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-48809-1

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

TestAmerica Tallahassee

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

Lab Chronicle

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

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

TestAmerica Tallahassee

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.

TestAmerica Tallahassee

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.

TestAmerica Tallahassee

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

TestAmerica Tallahassee



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

2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Client Information

Client Contact: *J. Wagner*
Mr. John Carey
Company: UFS Corporation
Address: 1625 Summit Lake Drive Suite 200
City: Tallahassee
State Zip: FL, 32317
Phone: 850-422-6499
Email: john_carey@ufscorp.com
Project Name: PCS FFF Moultrie
Site:

Signature: *J. Wagner*
Phone: 850-578-8995

Lab P.M.:
Marks: Amy
E-Mail: amy.marks@lestamerica.com

Carrier Tracking No(s):

COC No: 640-44346-11647.1
Page: Page 1

Analysis Requested

Due Date Requested:
TAT Requested (days):
PO #: US
WO #: 12906651.00000 Vendor No. 1427536
Project #: 64005633
SSOW#:

Sample Identification

Sample ID	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=Soil, O=Organic, A=Air)	Preservation Code
MW-9S-R	080514	1031	G	W	
MW-10S-R	080714	1249	G	W	
MW-10I	080714	1118	G	W	
MW-13S-R	080614	1555	G	W	
MW-27S-R	080614	1723	G	W	
MW-36S	080614	1411	G	W	
MW-37S	080514	1730	G	W	
MW-38S	080814	0940	G	W	
MW-39S	080614	1044	G	W	
DUP-1	080514		G	W	
DUP-3	080514		G	W	
EQ-1	080614	0934	G	W	

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



Empty Kit Relinquished by: *J. Wagner* Date: *7/30/2014* Time: *0945* Method of Shipment:

Relinquished by: *J. Wagner* Date/Time: *080814 1651* Company: *DWS* Received by: *[Signature]* Date/Time: *08/14/14* Company: *MA*

Relinquished by: *[Signature]* Date/Time: *[Signature]* Company: *MA*

Custody Seals Intact: Yes No Custody Seal No.: *1620*

Cooler Temperature(s) °C and Other Remarks: *1620*

2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

Client Information

Client Contact: Mr. Jeff Wagner
Company: URS Corporation

Sample ID: DCH182
Phone: 850 528 8905

Lab P.M. Marks, Amy
E-Mail: amy.marks@lestamericainc.com

Carrier Tracking No(s):

COC No: 640-44346-11647.1
Page: Page 1

Address: 1625 Summit Lake Drive Suite 200

City: Tallahassee

State, Zip: FL, 32317

Phone: 850-402-6091

Email: john.garay@urseepe.com

Project Name: PCS FFF Moultrie

Site:

Due Date Requested:

TAT Requested (days):

PO #: US

WO #: 12806651.00000 Vendor No. 1427536

Project #: 64005633

SSOW#:

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (G=Comp, G-grab)	Matrix (W=Water, S=Soil, O=Organic)	Preservation Code	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:
MW-1S-R	08.06.14	0903	G	W								
MW-1E-R	08.06.14	0824	G	W								
MW-2S	08.05.14	1400	G	W								
MW-2I	08.05.14	1346	G	W								
MW-3S	08.08.14	1135	G	W								
MW-3I	08.05.14	1144	G	W								
MW-5S-R	08.07.14	1555	G	W								
MW-6S-R	08.05.14	1549	G	W								
MW-6I	08.06.14	1022	G	W								
MW-7S-R	08.07.14	1005	G	W								
MW-8I	08.05.14	1504	G	W								

Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Empty Kit Relinquished by: *[Signature]* Date: 7/30/2014

Relinquished by: *[Signature]* Date/Time: 08/01/14 1651 Company: URS

Relinquished by: *[Signature]* Date/Time: Company:

Custody Seals Intact: Yes No Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Special Instructions/OC Requirements:

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Method of Shipment: *[Signature]* Date/Time: 08/14/14 1659 Company: URS

Received by: *[Signature]* Date/Time: Company:

2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

Client Information

Client Contact: John Carey D. Wagner
Company: URS Corporation

Sampler: Travis Campbell
Phone: 850-543-2533

Lab P.M. Marks: Amy
E-Mail: amy.marks@testamericainc.com

Carrier Tracking No(s):

COC No: 640-44346-11647.1
Page: Page 1

Address: 1625 Summit Lake Drive Suite 200

City: Tallahassee

State, Zip: FL, 32317

Phone: 850-492-6499 (ext)

Email: john_carey@urscorp.com

Project Name: PCS FFF Moultrie

Site:

Due Date Requested:

TAT Requested (days):

PO #: US

WO #:
12806651.00000 Vendor No. 1427536

Project #:
64005633

SSOW#:

Analysis Requested

Sample Identification

Sample ID	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=soil, A=air)	Preservation Code	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:
MW-48	8.5.14	0955	G	W							1	
MW-18S	8.5.14	1110									1	
MW-19S	8.5.14	1221									1	
MW-20S	8.6.14	0830									1	
MW-228	8.5.14	1551									1	
MW-238	8.6.14	1431									1	
MW-258	8.7.14	0814									1	
MW-26S	8.6.14	0944									1	
MW-33S	8.7.14	1134									1	
MW-348	8.7.14	1628									1	
MW-34 I	8.7.14	1602									2	

Possible Hazard Identification

Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Empty Kit Relinquished by: [Signature]

Relinquished by: [Signature]

Relinquished by: [Signature]

Custody Seals Intact: A Yes A No

Custody Seal No.:

Date: 8.8.14 1312

Date/Time: 8.8.14 1651

Date/Time: 8.8.14 1651

Date/Time: 8.8.14 1651

Company: URS

Company: URS

Company: URS

Company: URS

Time: 0945

Received by: [Signature]

Received by: [Signature]

Received by: [Signature]

Method of Shipment:

Received by: [Signature]

Received by: [Signature]

Received by: [Signature]

Date/Time: 8.8.14 1312

Date/Time: 8.8.14 1650

Date/Time: 8.8.14 1650

Date/Time: 8.8.14 1650

Company: URS

Company: URS

Company: URS

Company: URS

Special Instructions/OC Requirements: Return To Client Disposal By Lab Archive For _____ Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Cooler Temperature(s) °C and Other Remarks:

Cooler Temperature(s) °C and Other Remarks:

Cooler Temperature(s) °C and Other Remarks:

- Preservation Codes:
- A - HCL
 - B - NaOH
 - C - Zn Acetate
 - D - Nitric Acid
 - E - NaHSO4
 - F - MeOH
 - G - Amchlor
 - H - Ascorbic Acid
 - I - Ios
 - J - DI Water
 - K - EDTA
 - L - EDTA
 - M - Hexane
 - N - None
 - O - AsNaO2
 - P - Na2SO4S
 - Q - Na2SO3
 - R - Na2S2O3
 - S - H2SO4
 - T - TSP Dodecahydrate
 - U - Acetone
 - V - MCHA
 - W - pH 4.5
 - Z - other (Specify)

2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Client Information

Client Contact: J. Wagner
Company: URS Corporation

Sampler: Treas Campbell
Phone: 850-543-2533

Lab Pk. Marks: Amy
E-Mail: amy.marks@testamericainc.com

Carrier Tracking No(s):

COC No: 640-44346-11647.1
Page: 1

Address: 1625 Summit Lake Drive Suite 200
City: Tallahassee
State, Zip: FL, 32317

Due Date Requested:
TAT Requested (days):

Phone: 850-402-0494 (F el)
Email: johnn_gaaley@urscorp.com

PO #: US
WO #: 12806651.00000 Vendor No. 1427536

Project Name: PCS FFE Moultrie
Project #: 64005633

SSOW#:

Sample Identification

Sample ID	Sample Date	Sample Time	Sample Type (G=Comp, G=grab)	Matrix (Water, Soil, Over-satd)	Preservation Code (B=Ice, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Analysis Requested	Total Number of containers	Special Instructions/Note:
MW-42S	8-5-14	1423	G	W						
MW-43S	8-8-14	0918								
MW-44S	8-5-14	1754								
MW-46S	8-6-14	1112								
MW-47S	8-7-14	1436								
MW-TR2S	8-7-14	0935								
MW-TR3S	8-6-14	1721								
FFFW-3-R	8-8-14	1037								
MW-TP4S	8-8-14	1202								

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

Empty Kit Relinquished by: [Signature]

Date: 7/30/2014

Time: 0915

Method of Shipment:

Relinquished by: [Signature]

Date/Time: 8-8-14 1312

Company: URS

Received by: [Signature]

Date/Time: 08/08/14 1312

Company: URS

Relinquished by: [Signature]

Date/Time: 08/08/14 1651

Company: URS

Received by: [Signature]

Date/Time: 8/2/14 1652

Company: URS

Custody Seals Intact: Yes No

Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Client Information
 Client Contact: Self WALKER
 Company: URS Corporation
 Address: 1625 Summit Lake Drive Suite 200 Tallahassee FL, 32317
 City: Tallahassee
 State, Zip: FL, 32317
 Phone: 850-402-6409 (Tel) 850-251-7208
 Email: John.Carey@urcorp.com Self
 Project Name: PCS FFF Moultrie
 Site: _____

Sampler: Brett Mcke
 Phone: 904 513-7232
 Lab P.M.: any marks@testamericainc.com
 E-Mail: any marks@testamericainc.com
 Carrier Tracking Num(s): _____
 COC No: 640-44346-11647.1
 Page: Page 1
 Job #:

Analysis Requested

Field Filtered Sample (Yes or No) **Perform MS/MSD (Yes or No)**

6020A - Site Metals
 6020A - Dissolved Site Metals
 6020A, 7470A - Site metals, Mercury

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 - Na2S2O3
 G - Anchor T - TSP Dodecylhydrate
 H - Ascorbic Acid U - Acetone
 I - Ice V - MCAA
 J - DI Water W - pH 4.5
 K - EDTA L - EDTA Z - other (specify)
 L - EDTA
 Other: _____

Sample Identification	Sample Date	Sample Time	Sample Type (G=Comp, G-grab)	Matrix (Metal, Soil, G-rab, etc)	Preservation Code	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total Number of containers	Special Instructions/Note:
NW-7I	08/07/14	1703	G	W		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	
NW-12T	08/07/14	1118	G	W		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	
NW-12S	08/07/14	1159	G	W		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	
NW-13I	08/05/14	1815	G	W		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	
NW-15S	08/07/14	1344	G	W		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	
NW-30S	08/08/14	1114	G	W		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	
NW-32F	08/05/14	1646	G	W		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	
NW-32S-R	08/05/14	1238	G	W		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	
NW-41S	08/07/14	0972	G	W		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	
NW-49S	08/06/14	1426	G	W		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	
NW-49S (Dissolved)	08/06/14	1429	G	W		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Special Instructions/OC Requirements: _____

Relinquished by: Self Walker **Date:** 7/30/2014 **Time:** 0945 **Method of Shipment:** _____

Relinquished by: Self Walker **Date/Time:** 08/08/14 1313 **Company:** URS **Received by:** [Signature] **Date/Time:** 08/08/14 1632 **Company:** URS

Relinquished by: [Signature] **Date/Time:** 08/08/14 1651 **Company:** URS **Received by:** [Signature] **Date/Time:** 08/08/14 1632 **Company:** URS

Custody Seals Intact: Yes No **Custody Seal No.:** _____

Cooler Temperature(s) °C and Other Remarks: _____

2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Client Information

Client Contact: Self Manager

Sample: Best Milk Lab P#: _____

Project: 904-513-7252 Marks: Amy

E-Mail: amy.marks@testamericainc.com

Carrier Tracking No(s): _____

COC No: 640-44346-11647.1

Page: 1

Job #: _____

Company Information

Company: _____

Address: 1625 Summit Lake Drive Suite 200

City: Tallahassee

State, Zip: FL, 32317

Phone: 850-492-6494 Fax: 850-751-7208

PO #: US

WO #: _____

Project #: 12806651.00000 Vendor No. 1427536

Project Name: PCS FFF Moultrie

SSOW#: _____

Site: _____

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix (Water, Solid, Overstool, Bristle, AAAL)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Analysis Requested	Total Number of Containers	Special Instructions/Note:
DUP-6			G	W	X	D	6020A - Site Metals	1	
DUP-7	08/07/14	0704	G	W	X	D	6020A - Dissolved Site Metals	1	
EG-2			G	W	X	D	6020A, 7470A - Site metals, Mercury	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 Active For _____ Months

Special Instructions/OC Requirements: _____

Relinquished by: _____ Date: 7/30/2014 Time: 0945

Relinquished by: Best Milk Date/Time: 08/08/14 1313 Company: DPS Received by: [Signature] Date/Time: 8/8/14 1313 Company: [Signature]

Relinquished by: [Signature] Date/Time: 08/08/14 1651 Company: DPS Received by: [Signature] Date/Time: 8/8/14 1652 Company: [Signature]

Custody Seals Intact: Yes No Custody Seal No.: _____

Cooler Temperature(s) °C and Other Remarks: _____

2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

Client Information

Client Contact: Mr. John Carey
Company: URS Corporation
Address: 1625 Summit Lake Drive Suite 200
City: Tallahassee
State Zip: FL, 32317
Phone: 850-402-6409 (Tel)
Email: john_carey@urscorp.com
Project Name: PCS FFF Moultire
Site:

Sampler: Trevor Campbell
Phone: 850-543-2533
E-Mail: amy.marks@lestamerica.com

Lab PM: Marks, Amy
E-Mail: amy.marks@lestamerica.com

Carrier Tracking No(s):

COC No: 640-44346-11647.1
Page: Page 1

Analysis Requested

Due Date Requested:
TAT Requested (days):
PO #: US
WO #: 12806651.00000 Vendor No. 1427536
Project #: 64005633
SSOW#:

Analysis Requested

Field Filtered Sample (Yes or No)
Perform MS/MSD (Yes or No)
6020A - Site Metals
6020A - Dissolved Site Metals
6020A, 7470A - Site metals, Mercury

Job #: 640-48844

Preservation Codes:
A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - Nitric Acid
F - MeOH
G - Anchlor
H - Ascorbic Acid
I - Ice
J - DI Water
K - EDTA
L - EDA
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - pH 4-5
Z - other (Specify)
Other:

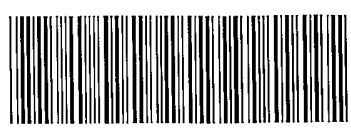
Sample Identification

Sample ID	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=Soil, O=Organic, A=Air)	Preservation Code
MW-11S	8-11-14	1342	G	W	
MW-24S	8-11-14	1222	G	W	
MW-29S	8-12-14	1426	G	W	
MW-35S	8-11-14	1531	G	W	
MW-40S	8-12-14	1132	G	W	
FFFW-1-R	8-12-14	1620	G	W	
FFFW-4-R	8-11-14	1759	G	W	
MW-TP1E	8-13-14	0821	G	W	
MW-TP1S	8-13-14	5931	G	W	
MW-TP5I	8-11-14	1025	G	W	
MW-TP5S	8-11-14	1055	G	W	

Special Instructions/Note:

Total Number of containers

Sample ID	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
MW-11S	X	X	D	D	D	2
MW-24S	X	X	D	D	D	1
MW-29S	X	X	D	D	D	1
MW-35S	X	X	D	D	D	1
MW-40S	X	X	D	D	D	2
FFFW-1-R	X	X	D	D	D	1
FFFW-4-R	X	X	D	D	D	2
MW-TP1E	X	X	D	D	D	1
MW-TP1S	X	X	D	D	D	1
MW-TP5I	X	X	D	D	D	2
MW-TP5S	X	X	D	D	D	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
 Special Instructions/QC Requirements:
 Months

Empty Kit Relinquished by: *[Signature]*

Date: 7/30/2014

Time: 0915

Method of Shipment:

Relinquished by: *[Signature]*

Date/Time: 8-13-14 1326

Company: URS

Received by: *[Signature]*

Date/Time: 8/13/14 1326

Company: TRC

Custody Seals Intact: Yes No
 Custody Seal No.:

Date/Time:

Company:

Received by:

Date/Time:

Company:

64

2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

Client Information: **URS Corporation**
 Client Contact: **S. Lusser**
 Company: **URS Corporation**
 Address: **1626 Summit Lake Drive Suite 200 Tallahassee FL 32317**
 State, zip: **FL 32317**
 Phone: **850-402-6409(Tel)**
 Email: **john_carey@urscorp.com**
 Project Name: **PCS FFF Moultrie**
 Site: **SSOW#:**

Sampler: **Brett McKee**
 Phone: **904-565-7232**
 E-Mail: **amy.marks@lestamerica.com**
 Lab PM: **Markus, Amy**
 Carrier Tracking No(s):

Due Date Requested:
 TAT Requested (days):
 PO #: **US**
 WO #:
 Project #: **12806651.00000 Vendor No. 1427536**
 SOW#:

Analysis Requested
 Field Filtered Sample (Yes or No)
 Perform MS/MSD (Yes or No)
 6020A - Site Metals
 6020A - Dissolved Site Metals
 6020A, 7470A - Site metals, Mercury

COG No: **640-44346-11647.1**
 Page: **440-48844**
 Job #: **440-48844**

Special Instructions/Note:
 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 - EDTA
 M - Hexane
 N - None
 O - AsNaO2
 P - Na2O4S
 Q - Na2SO3
 R - Na2S2O3
 S - H2SO4
 T - TSP Dodecylaltrate
 U - Acetone
 V - MCAA
 W - pH 4.5
 Z - other (Specify)

Sample Identification	Sample Date	Sample Time	Sample Type (G=Comp, G=Grab)	Matrix (W=Water, S=Soil, O=Organic, 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:
FFFW-2-I	8/12/14	1657	G	W	X	X	X	X	X		
FFFW-2-R	8/12/14	1419	G	W	X	X	X	X	X		
MW-21S	8/11/14	1256	G	W	X	X	X	X	X		
MW-28S	8/11/14	1541	G	W	X	X	X	X	X		
MW-34S	8/13/14	1034	G	W	X	X	X	X	X		
MW-34S (Dissolved)	8/13/14	1041	G	W	X	X	X	X	X		
MW-45S	8/11/14	1808	G	W	X	X	X	X	X		
MW-48S	8/13/14	1075	G	W	X	X	X	X	X		

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological
 Deliverable Requested: I, II, III, IV, Other (specify)
 Empty Kit Relinquished by: **[Signature]** Date: **7/30/2014**
 Relinquished by: **[Signature]** Date/Time: **8/13/14 / 1243** Company: **URS** Time: **0915** Method of Shipment:
 Relinquished by: **[Signature]** Date/Time: **8-13-14 / 1326** Company: **URS**
 Relinquished by: **[Signature]** Date/Time: **8/13/14** Company: **URS**
 Custody Seals Intact: Yes No
 Custody Seal No.:






TestAmerica Tallahassee
 2846 Industrial Plaza Drive
 Tallahassee, FL 32301
 Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

TestAmerica
 THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Client Contact: Mr. John Carey	Phone: 850-543-2533	Sampler: Trevor Campbell	Lab PM: Marks, Amy	E-Mail: amy.marks@testamericainc.com	Carrier Tracking No(s):	COC No: 640-44346-11647.1
Company: URS Corporation		Address: 1625 Summit Lake Drive Suite 200	City: Tallahassee	State, Zip: FL, 32317	PO #: US	WO #: 12806651.00000	Project #: 64005633	Project Name: PCS FFF Moultrie
Site:		Due Date Requested:		TAT Requested (days):		Analysis Requested		
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix (W=Water, S=Soil, O=Overhead)	Field Filtered: Sample (Yes or No)		
DUP-2		8-12-14				Perform MS/MSD (Yes or No)		
DUP-4		8-11-14				6020A - Site Metals		
						6020A - Dissolved Site Metals		
						6020A, 7470A - Site metals, Mercury		
						Total Number of containers		
						Special Instructions/Note:		
Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)						
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months						
Deliverable Requested: I, II, III, IV, Other (Specify)		Special Instructions/QC Requirements:						
Empty Kit Relinquished by: <i>[Signature]</i>		Date: 7/30/2014	Time: 0915	Method of Shipment:				
Relinquished by: <i>[Signature]</i>		Date/Time: 8-13-14 1326	Company: URS	Received by: <i>[Signature]</i>		Date/Time: 8/13/14	Company: URS	
Relinquished by:		Date/Time:	Company:	Received by:		Date/Time:	Company:	
Custody Seals Intact: A Yes A No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 4				

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number CESQG	2. Page 1 of 1	3. Emergency Response Phone 800-535-5053	4. Waste Tracking Number 10483	
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 Non-Regulated Material (Purge Water) PF #51759		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
		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; 850 400 1141					
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 		Month Day Year 09 02 14
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name Chal City			Signature 		Month Day Year 09 02 14
Transporter 2 Printed/Typed Name			Signature		Month Day Year
17. Discrepancy					
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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 McHarty			Signature 		Month Day Year 9 8 14

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY



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: PCS Moultrie (Former Farmers Favorite Fertilizer)	LOCATION: 315 4 th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-15-R	SAMPLE ID: MW-15-R
DATE: 08.06.14	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL (ft): 4 to 12	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) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	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: D. H. Hilton / URS			SAMPLER(S) SIGNATURE(S): D. H. Hilton			SAMPLING INITIATED AT: 0859		SAMPLING ENDED AT: 0903	
PUMP OR TUBING DEPTH IN WELL (feet): 9			TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input checked="" type="checkbox"/> (N)		FILTER SIZE: 1.0 μm	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> (N)			TUBING Y <input checked="" type="checkbox"/> (N (replaced))			DUPLICATE: Y <input checked="" type="checkbox"/> (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	Well Specific Metals 6020A	APP	~200
	1	PE	250 mL	HNO ₃	----	----			
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; RPPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)									

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units

Specific Conductance: $\pm 5\%$

Dissolved Oxygen: ± 0.2 mg/L or $\pm 10\%$ saturation (whichever is greater)

Turbidity: all readings ≤ 10 NTU

GEORGIA GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th 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): 690'	PURGE PUMP TYPE 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	0.18	0.18	0.06	7.02	4.63	26.01	179	0.56	1.03	185.2	N6	N6
1329	0.30	1.08	0.06	7.02	4.73	25.15	141	0.52	0.85	162.8	11	11
1334	0.30	1.38	0.06	7.02	4.72	25.24	137	0.38	0.92	157.4	11	11
1339	0.30	1.68	0.06	7.02	4.75	25.07	135	0.36	0.73	145.2	11	11
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016												
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/JRS				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 <input checked="" type="checkbox"/> N		FILTER SIZE: 1.0 µm					
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N				TUBING Y <input checked="" type="checkbox"/> N (replaced)		DUPLICATE: Y <input checked="" type="checkbox"/> 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	Well Specific Metals 6020A		APP		~ 200 th		
	1	PE	250 mL	HNO ₃	-----	-----							
REMARKS: <div style="text-align: right;">Total Depth (ft btoc): 35.15</div>													
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)													
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); 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

WELL NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th 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)												
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)												
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: D. Hilton / URS			SAMPLER(S) SIGNATURE(S): D. Hilton			SAMPLING INITIATED AT: 1134		SAMPLING ENDED AT: 1135	
PUMP OR TUBING DEPTH IN WELL (feet):			TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: 1.0 μm	
FIELD DECONTAMINATION: PUMP Y <input type="checkbox"/> N <input checked="" type="checkbox"/>			TUBING Y <input type="checkbox"/> N (replaced) <input checked="" type="checkbox"/>			DUPLICATE: Y <input checked="" type="checkbox"/> N <input type="checkbox"/> DUP-3			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	Well Specific Metals 6020A	APP	1300
	1	PE	250 mL	HNO ₃	----	----			
REMARKS: Total Depth (ft btoc): 19.10									
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)									
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)									

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA GROUNDWATER SAMPLING LOG

SITE: PCS Moultrie (Former Farmers Favorite Fertilizer)	LOCATION: 315 4 th 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 1.5072 ^{0.16} gallons/foot = 1.5072 gallons *3 = 4.5216 gallons		
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)		= gallons + (gallons/foot X feet) + gallons = gallons		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8.9	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	1	6.19	28.91	5348	1.08	1.78	121.8	1	1
0953	0.24	5.04	0.08	1	6.19	28.82	5349	1.07	1.78	121.4	1	1

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Trevor Campbell / URS	SAMPLER(S) SIGNATURE(S): Tom Cull	SAMPLING INITIATED AT: 0955	SAMPLING ENDED AT: 0957
PUMP OR TUBING DEPTH IN WELL (feet): 8.9	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N)	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

947

GEORGIA GROUNDWATER SAMPLING LOG

WELL NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-55-R	SAMPLE ID: MW-55-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) = (116.74 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	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	11	11
1541	0.18	5.16	0.04	7.84	3.81	31.78	2295	0.48	2.10	275.4	11	11
1544	0.18	5.34	0.06	7.84	3.81	32.14	2293	0.46	5.13	273.1	11	11
1547	0.18	5.52	0.06	7.84	3.81	32.26	2290	0.49	2.64	273.8	11	11
1550	0.18	5.70	0.06	7.84	3.82	32.35	2291	0.45	2.40	274.6	11	11
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016 PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)												

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>Dethelton PWS</i>	SAMPLER(S) SIGNATURE(S): <i>Dethelton</i>	SAMPLING INITIATED AT: 1551	SAMPLING ENDED AT: 1555						
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y <input checked="" type="checkbox"/> N	FILTER SIZE: 1.0 μm						
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N	TUBING Y <input checked="" type="checkbox"/> N (replaced)	DUPLICATE: Y <input checked="" type="checkbox"/> 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	N200
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 = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); 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 4 th 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): 7.04	PURGE PUMP TYPE OR BAILER: PP								
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (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) μ mhos/cm or μ S/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 = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)												

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: DeH, Hon / VRS			SAMPLER(S) SIGNATURE(S): DeH, Hon			SAMPLING INITIATED AT: 1541		SAMPLING ENDED AT: 1549	
PUMP OR TUBING DEPTH IN WELL (feet): 9.0			TUBING MATERIAL CODE: PE		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: 1.0 μ m		
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N <input type="checkbox"/>			TUBING Y <input checked="" type="checkbox"/> N (replaced) <input type="checkbox"/>		DUPLICATE: <input checked="" type="checkbox"/> N DUP-1				
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 th
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 = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)									

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th 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 + (0.0024 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) μ mhos/cm or μ S/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 = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)												

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: DeHilton JORS				SAMPLER(S) SIGNATURE(S): DeHilton				SAMPLING INITIATED AT: 1020		SAMPLING ENDED AT: 1022	
PUMP OR TUBING DEPTH IN WELL (feet): 30.5				TUBING MATERIAL CODE: PE		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N			FILTER SIZE: 1.0 μ m		
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N				TUBING Y <input checked="" type="checkbox"/> N (replaced)		DUPLICATE: Y <input checked="" type="checkbox"/> 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	Well Specific Metals 6020A	APP	10300		
	1	PE	250 mL	HNO ₃	----	----					
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 = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)											

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: \pm 0.1 units

Specific Conductance: \pm 5%

Dissolved Oxygen: \pm 0.2 mg/L or \pm 10% saturation (whichever is greater)

Turbidity: all readings \leq 10 NTU

GEORGIA GROUNDWATER SAMPLING LOG

WELL NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th 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: 31.5 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 + (0.6076 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) μ mhos/cm or μ S/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	2.73	205.3	UCW	non
1655	0.30	1.08	↓	10.29	4.09	22.68	940	0.27	3.01	213.0	↓	Single
1700	0.30	1.38	↓	10.29	4.15	22.73	930	0.29	2.58	211.2	↓	↓
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): <i>[Signature]</i>			SAMPLING INITIATED AT: 1703		SAMPLING ENDED AT: 1705	
PUMP OR TUBING DEPTH IN WELL (feet): 45			TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input checked="" type="radio"/> N <input checked="" type="radio"/>		FILTER SIZE: 1.0 μ m	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="radio"/> N <input checked="" type="radio"/>			TUBING Y <input checked="" type="radio"/> N (replaced) <input checked="" type="radio"/>			DUPLICATE: Y <input checked="" type="radio"/> N <input checked="" type="radio"/>			
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: \pm 0.1 units
 Specific Conductance: \pm 5%
 Dissolved Oxygen: \pm 0.2 mg/L or \pm 10% saturation (whichever is greater)
 Turbidity: all readings \leq 10 NTU

GEORGIA GROUNDWATER SAMPLING LOG

SITE: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-9SR	SAMPLE ID: MW-9SR DATE: 08.05.14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 4 feet to 15 feet	STATIC DEPTH TO WATER (feet): 6.34	PURGE PUMP TYPE OR BAILER: PP								
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (17.39 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): 8.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8.5	PURGING INITIATED AT: 0921	PURGING ENDED AT: 1027	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
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	0.66	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: Detention VRS		SAMPLER(S) SIGNATURE(S): <i>Detention</i>		SAMPLING INITIATED AT: 1028	SAMPLING ENDED AT: 1031				
PUMP OR TUBING DEPTH IN WELL (feet): 8.5		TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y <input checked="" type="checkbox"/>	FILTER SIZE: 1.0 μm					
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		TUBING Y <input checked="" type="checkbox"/> N (replaced) <input type="checkbox"/>	DUPLICATE: Y <input checked="" type="checkbox"/>						
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	Well Specific Metals 6020A	APP	1300
	1	PE	250 mL	HNO₃	----	----			
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 4 th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-105-R	SAMPLE ID: MW-105-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): 3.94								
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
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	11	11
1238	0.09	3.78	0.03	8.89	4.93	31.55	180	0.57	1.34	213.3	11	11
1241	0.09	3.87	0.03	8.89	4.93	31.45	180	0.57	1.13	214.9	11	11
1244	0.09	3.96	0.03	8.89	4.93	31.45	180	0.44	1.76	214.6	11	11
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016												
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)												

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: DeHobbes			SAMPLER(S) SIGNATURE(S): DeHobbes			SAMPLING INITIATED AT: 1245		SAMPLING ENDED AT: 1249	
PUMP OR TUBING DEPTH IN WELL (feet): 9.5			TUBING MATERIAL CODE: PE		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N			FILTER SIZE: 1.0 µm	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N			TUBING Y <input checked="" type="checkbox"/> N (replaced)			DUPLICATE: Y <input checked="" type="checkbox"/>			
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: <div style="text-align: right;">Total Depth (ft btoc): 16.52</div>									
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)									
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); 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

WELL NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-101	SAMPLE ID: MW-101
DATE: 08.07.14	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 1166	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)				
= 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
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TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	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: <i>D. Helton / URS</i>	SAMPLER(S) SIGNATURE(S): <i>D. Helton</i>	SAMPLING INITIATED AT: 1114	SAMPLING ENDED AT: 1118
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y <input checked="" type="checkbox"/>	FILTER SIZE: 1.0 μm
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>	TUBING Y <input checked="" type="checkbox"/> N (replaced) <input checked="" type="checkbox"/>	DUPLICATE: Y <input checked="" type="checkbox"/>	

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): 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; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); 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 4 th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-115	SAMPLE ID: MW-115
DATE: 08.08.14	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL (ft): 4.70 to 14.70	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 0.14 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)												
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1007	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) μ mhos/cm or μ S/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1059	0.51 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: Debra Hinton / VRS			SAMPLER(S) SIGNATURE(S): [Signature]			SAMPLING INITIATED AT:		SAMPLING ENDED AT:		
PUMP OR TUBING DEPTH IN WELL (feet):			TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y N		FILTER SIZE: 1.0 μ m		
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	Well Specific Metals 6020A		APP	
	1	PE	250 mL	HNO ₃	----	----				
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: \pm 0.1 units
- Specific Conductance: \pm 5%
- Dissolved Oxygen: \pm 0.2 mg/L or \pm 10% saturation (whichever is greater)
- Turbidity: all readings \leq 10 NTU

GEORGIA GROUNDWATER SAMPLING LOG

WELL NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-125	SAMPLE ID: MW-125
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: 1019	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	2.02	—	—	—	—	—	—	—	—	—	—
1147	7.04	7.04	0.08	12.04	3.27	24.45	9865	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	1.76	394.5	↓	↓
1156	0.24	7.76	↓	12.13	3.27	23.70	9675	0.87	1.25	395.6	↓	↓
1159	0.24	8.0	↓	12.13	3.27	23.65	9673	0.67	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. Mullee / ues				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>				SAMPLING INITIATED AT: 1159		SAMPLING ENDED AT: 9 1201	
PUMP OR TUBING DEPTH IN WELL (feet): 14				TUBING MATERIAL CODE: PE		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N		FILTER SIZE: 1.0 μm			
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N				TUBING Y <input checked="" type="checkbox"/> N (replaced)		DUPLICATE: <input checked="" type="checkbox"/> 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		
DUP-6	1	PE	250 mL	HNO ₃	---	---			300		
REMARKS: 3 well vol's 6.9 g/L											
										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; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); 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

WELL NO: MW-12I	SITE LOCATION: PCS Moultrie (Former Farmers Favorite Fertilizer) 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia
SAMPLE ID: MW-12I	DATE: 08/04/14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 33.5 feet to 36.0 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: 1145	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	4.29	278.6	Clear	None
1105	0.3	1.2	↓	10.61	4.14	24.32	432	0.21	4.93	278.0	↓	↓
1110	0.3	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. McKeel/URS			SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLING INITIATED AT: 1118		SAMPLING ENDED AT: 1123	
PUMP OR TUBING DEPTH IN WELL (feet): 35			TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y (N)		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	Well Specific Metals 6020A	APP	227
	1	PE	250 mL	HNO₃	----	----			
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

WELL NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th 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)				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)				
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: 1812	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	0.4	0.4	0.08	18.16	6.84	28.14	116	0.67	0.55	173.1	clear	v. slight
1802	0.4	0.8	0.08	18.34	6.90	25.61	120	0.50	0.54	164.6	↓	↓
1807	0.4	1.2	0.08	18.46	6.87	25.60	119	0.58	0.41	163.9	↓	↓
1812	0.4	1.6	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 = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT)/AFFILIATION: B. Mulla / URS			SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLING INITIATED AT: 1815		SAMPLING ENDED AT: 1820	
PUMP OR TUBING DEPTH IN WELL (feet): 50			TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N		FILTER SIZE: 1.0 μm	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N			TUBING Y <input checked="" type="checkbox"/> N (replaced)			DUPLICATE: Y <input checked="" type="checkbox"/> 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): 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 = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); 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: PCS Moultrie (Former Farmers Favorite Fertilizer)	LOCATION: 315 4 th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-155	SAMPLE ID: MW-155
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) $= (19.90 \text{ feet} - 9.64 \text{ feet}) \times 0.16 \text{ gallons/foot} = 1.64 \text{ gallons}$												
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$												
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) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	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	1782	0.09	0.39	369.6	↓	↓
1546	0.15	5.30		↓	3.44	22.81	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 / mes				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>				SAMPLING INITIATED AT: 1549		SAMPLING ENDED AT: 1552	
PUMP OR TUBING DEPTH IN WELL (feet): 11				TUBING MATERIAL CODE: PE				FIELD-FILTERED: Y <input checked="" type="checkbox"/>		FILTER SIZE: 1.0 μm	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> (replaced)				DUPLICATE: Y <input checked="" type="checkbox"/>							
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	Well Specific Metals 6020A	APP	190		
	1	PE	250 mL	HNO ₃	----	----					
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: $\pm 5\%$
- Dissolved Oxygen: ± 0.2 mg/L or $\pm 10\%$ saturation (whichever is greater)
- Turbidity: all readings ≤ 10 NTU

GEORGIA GROUNDWATER SAMPLING LOG

NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-198	SAMPLE ID: MW-198
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)												
$= (13 \text{ feet} - 4.56 \text{ feet}) \times 0.16 \text{ gallons/foot} = 1.3504 \text{ gallons}$												
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)												
$= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$												
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) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	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 = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)												

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>Tawoc Campbell / URS</u>				SAMPLER(S) SIGNATURE(S): <u>T Campbell</u>				SAMPLING INITIATED AT: 1221		SAMPLING ENDED AT: 1223	
PUMP OR TUBING DEPTH IN WELL (feet): 9				TUBING MATERIAL CODE: PE		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N		FILTER SIZE: 1.0 μm			
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N				TUBING Y <input checked="" type="checkbox"/> N (replaced)		DUPLICATE: Y <input checked="" type="checkbox"/> 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): 16.03											
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 = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)											

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

40
1213

GEORGIA GROUNDWATER SAMPLING LOG

WELL NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-208	SAMPLE ID: MW-208
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												
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING 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) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	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 ^{TC}	355	0.44	3.87	-52.9		
0828	0.36	6.72			6.43	25.44	355	0.42 ^{TC}	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 / UPS			SAMPLER(S) SIGNATURE(S): <i>T. Campbell</i>			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)		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): 14.76' <i>8/2</i>									
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)									
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)									

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units

Specific Conductance: $\pm 5\%$

Dissolved Oxygen: ± 0.2 mg/L or $\pm 10\%$ saturation (whichever is greater)

Turbidity: all readings ≤ 10 NTU

622
56

GEORGIA GROUNDWATER SAMPLING LOG

SITE: PCS Moultrie (Former Farmers Favorite Fertilizer)	LOCATION: 315 4 th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-225	SAMPLE ID: MW-225
DATE: 8/5/14	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 6.5 feet to 6.5 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) $= (16.5 \text{ feet} - 4.44 \text{ feet}) \times 0.16 \text{ gallons/foot} = 1.9296 \text{ gallons}$				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$				
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) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	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): <i>T. Campbell</i>			SAMPLING INITIATED AT: 1551	SAMPLING ENDED AT: 1553
PUMP OR TUBING DEPTH IN WELL (feet): 10			TUBING MATERIAL CODE: PE		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	FILTER SIZE: 1.0 μm	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N <input type="checkbox"/>			TUBING Y <input checked="" type="checkbox"/> N (replaced) <input type="checkbox"/>		DUPLICATE: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		

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	

REMARKS: Total Depth (ft btoc): 15.30' bwc.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

53
1543

GEORGIA GROUNDWATER SAMPLING LOG

WELL NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th 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) = (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) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	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 ¹²	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): <i>[Signature]</i>			SAMPLING INITIATED AT: 1431		SAMPLING ENDED AT: 1433	
PUMP OR TUBING DEPTH IN WELL (feet): 18			TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N		FILTER SIZE: 1.0 μm	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N			TUBING Y <input checked="" type="checkbox"/> N (replaced)			DUPLICATE: Y <input checked="" type="checkbox"/> 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	Well Specific Metals 6020A	APP	~200
	1	PE	250 mL	HNO ₃	----	----			
REMARKS: Longer purge to stabilize D.O. Total Depth (ft btoc): 32.33' 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: $\pm 5\%$
- Dissolved Oxygen: ± 0.2 mg/L or $\pm 10\%$ saturation (whichever is greater)
- Turbidity: all readings ≤ 10 NTU

53 1429

GEORGIA GROUNDWATER SAMPLING LOG

NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-248	SAMPLE ID: MW-248
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) = (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)				
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	0.09	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 = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>Trevor Campbell / URS</i>	SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>	SAMPLING INITIATED AT: 1222	SAMPLING ENDED AT: 1224
PUMP OR TUBING DEPTH IN WELL (feet): 15	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N)	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' base

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
 SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); 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: PCS Moultrie (Former Farmers Favorite Fertilizer)	LOCATION: 315 4 th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-253	SAMPLE ID: mw-253
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 (only fill out if applicable) = (15.25 feet - 8.31 feet) X 0.16 gallons/foot = 1.1104 gallons x3 = 3.3312												
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING 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) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	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): <i>[Signature]</i>			SAMPLING INITIATED AT: 0812 0814		SAMPLING ENDED AT: 0816	
PUMP OR TUBING DEPTH IN WELL (feet): 11			TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: 1.0 μm	
FIELD DECONTAMINATION: PUMP Y <input type="checkbox"/> N <input checked="" type="checkbox"/>			TUBING Y <input type="checkbox"/> N (replaced) <input checked="" type="checkbox"/>			DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>			
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	Well Specific Metals 6020A	APP	~250
	1	PE	250 mL	HNO ₃	----	----			
REMARKS: Total Depth (ft btoc): 14.17' <i>[initials]</i>									
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)									
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)									

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

GEORGIA GROUNDWATER SAMPLING LOG

SITE: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th 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) $= (20 \text{ feet} - 10.48 \text{ feet}) \times 0.16 \text{ gallons/foot} = 1.523 \text{ gallons}$												
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$												
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.5	PURGING INITIATED AT: 0950	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) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	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): <i>Trevor Campbell</i>			SAMPLING INITIATED AT: 0944		SAMPLING ENDED AT: 0946	
PUMP OR TUBING DEPTH IN WELL (feet): 12.5			TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N		FILTER SIZE: 1.0 μm	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N			TUBING Y <input checked="" type="checkbox"/> N (replaced)			DUPLICATE: Y <input checked="" type="checkbox"/> 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' b7									
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)									
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)									

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units

Specific Conductance: $\pm 5\%$

Dissolved Oxygen: $\pm 0.2 \text{ mg/L}$ or $\pm 10\%$ saturation (whichever is greater)

Turbidity: all readings $\leq 10 \text{ NTU}$

46 936

GEORGIA GROUNDWATER SAMPLING LOG

SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th 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) $= (17.10 \text{ feet} - 6.48 \text{ feet}) \times 0.16 \text{ gallons/foot} = 1.6992 \text{ gallons}$												
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$												
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) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	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 / DRS				SAMPLER(S) SIGNATURE(S): DC Hilton				SAMPLING INITIATED AT: 1720		SAMPLING ENDED AT: 1723			
PUMP OR TUBING DEPTH IN WELL (feet): 8				TUBING MATERIAL CODE: PE				FIELD-FILTERED: Y N		FILTER SIZE: 1.0 μm			
FIELD DECONTAMINATION: PUMP Y <u>N</u>				TUBING Y <u>N (replaced)</u>				DUPLICATE: Y <u>N</u>					
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	Well Specific Metals 6020A		APP		~300		
	1	PE	250 mL	HNO ₃	-----	-----							
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: $\pm 5\%$

Dissolved Oxygen: ± 0.2 mg/L or $\pm 10\%$ saturation (whichever is greater)

Turbidity: all readings ≤ 10 NTU

GEORGIA GROUNDWATER SAMPLING LOG

WELL NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-285	SAMPLE ID: MW-285
	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) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	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 = Bailor; 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): <i>[Signature]</i>			SAMPLING INITIATED AT: 1541		SAMPLING ENDED AT: 1543	
PUMP OR TUBING DEPTH IN WELL (feet): 15			TUBING MATERIAL CODE: PE		FIELD-FILTERED: Y <input checked="" type="checkbox"/> (N)		FILTER SIZE: 1.0 μm		
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> (N)			TUBING Y <input checked="" type="checkbox"/> (N (replaced))		DUPLICATE: Y <input checked="" type="checkbox"/> (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: 6.96 6.97 = 3 well vol. 10.95 = 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 = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)									

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

Broken River pipe described by R.D. on 3/11/14 has been repaired

GEORGIA GROUNDWATER SAMPLING LOG

SITE: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-298	SAMPLE ID: MW-298
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) = (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) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	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	1	1	3.90	26.52	1555	0.18	0.88	232.1	1	1
1424	0.36	9.24	1	1	3.91	26.53	1560	0.18	0.61	230.7	1	1
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)												

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Trevor Campbell/URS				SAMPLER(S) SIGNATURE(S): [Signature]				SAMPLING INITIATED AT: 1426		SAMPLING ENDED AT: 1428			
PUMP OR TUBING DEPTH IN WELL (feet):				TUBING MATERIAL CODE: PE		FIELD-FILTERED: Y (N)		FILTER SIZE: 1.0 μm					
FIELD DECONTAMINATION: PUMP Y (N)				TUBING Y (N (replaced))		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	Well Specific Metals 6020A		APP		~200		
	1	PE	250 mL	HNO ₃	----	----	7470A						
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; RPPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)													

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:

pH: ± 0.1 units

Specific Conductance: $\pm 5\%$

Dissolved Oxygen: ± 0.2 mg/L or $\pm 10\%$ saturation (whichever is greater)

Turbidity: all readings ≤ 10 NTU

GEORGIA GROUNDWATER SAMPLING LOG

WELL NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th 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	clear	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 / URS			SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLING INITIATED AT:		SAMPLING ENDED AT:	
PUMP OR TUBING DEPTH IN WELL (feet):			TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y N		FILTER SIZE: 1.0 μm	
FIELD DECONTAMINATION: PUMP Y N			TUBING Y N (replaced)			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

SITE: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th 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 39.5 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)												
= (39.94 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 14.19	4.99	27.98	42	4.68	189	168.6	Clear	None
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88												
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016												
PURGING EQUIPMENT CODES: B = Bailor; 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): <i>[Signature]</i>				SAMPLING INITIATED AT: 1039		SAMPLING ENDED AT: 1041	
PUMP OR TUBING DEPTH IN WELL (feet): 17				TUBING MATERIAL CODE: PE		FIELD-FILTERED: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N		FILTER SIZE: 1.0 µm			
FIELD DECONTAMINATION: PUMP <input type="checkbox"/> Y <input checked="" type="checkbox"/> N				TUBING <input type="checkbox"/> Y <input checked="" type="checkbox"/> N (replaced)		DUPLICATE: <input type="checkbox"/> Y <input checked="" type="checkbox"/> 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: 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 = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); 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: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th 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	14279	0.31	14.1	147.9	Brown	none
1214	0.18	3.72	↓	8.69	6.14	27.84	14664	0.25	15.1	145.7	↓	↓
1217	0.18	3.90	↓	8.77	6.13	27.41	14907	0.24	12.2	147.4	↓	↓
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. MORALES				SAMPLER(S) SIGNATURE(S): [Signature]				SAMPLING INITIATED AT: 1238		SAMPLING ENDED AT: 1241	
PUMP OR TUBING DEPTH IN WELL (feet): 10ft				TUBING MATERIAL CODE: PE		FIELD-FILTERED: Y (N)		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	Well Specific Metals 6020A	APP	0.06 gpm / 227 min		
	1	PE	250 mL	HNO ₃	----	----					
REMARKS: Total Depth (ft bloc): 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

WELL NO: MW-32-I	SAMPLE ID: MW-32-I	DATE: 8/5/14
WELL NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)		SITE LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 22 feet to 22 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	8.63	25.02	3012	-0.33	0.48	337.2	Clear	Slight
1631	0.15	8.35	↓	10.46	8.62	24.66	3006	-0.66	0.32	337.2	↓	↓
1634	0.15	8.50	↓	10.46	8.63	24.71	2977	8.38 0.15	0.33	335.1	↓	↓
1637	0.15	8.65	↓	10.48	8.63	24.62	2974	0.53	0.24	333.2	↓	↓
1640	0.15	8.80	↓	10.48	8.63	24.58	2972	0.48	0.16	332.5	↓	↓
1643	0.15	8.95	↓	10.48	8.63	24.53	2972	0.43	0.23	332.1	↓	↓

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 = Bailor; 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): <i>[Signature]</i>		SAMPLING INITIATED AT: 1646	SAMPLING ENDED AT: 1650
PUMP OR TUBING DEPTH IN WELL (feet): 11		TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y <input checked="" type="radio"/> N	FILTER SIZE: 1.0 μm	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="radio"/> N		TUBING Y <input checked="" type="radio"/> N (replaced)	DUPLICATE: Y <input checked="" type="radio"/> 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 = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); 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

WELL NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-338	SAMPLE ID: MW-338
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												
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING 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):	PURGING INITIATED AT: 1010	PURGING ENDED AT: 1132	TOTAL VOLUME PURGED (gallons): 9.84								
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1126	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): <i>Trevor Campbell</i>				SAMPLING INITIATED AT: 1134		SAMPLING ENDED AT: 1136	
PUMP OR TUBING DEPTH IN WELL (feet):				TUBING MATERIAL CODE: PE		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N		FILTER SIZE: 1.0 µm			
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N				TUBING Y <input checked="" type="checkbox"/> N (replaced)		DUPLICATE: Y <input checked="" type="checkbox"/> 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): 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; RFP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); 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

76 1126

GEORGIA GROUNDWATER SAMPLING LOG

WELL NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: mw-348	SAMPLE ID: mw-348
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) = (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	147.1		
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): [Signature]				SAMPLING INITIATED AT: 1628		SAMPLING ENDED AT:		
PUMP OR TUBING DEPTH IN WELL (feet): 6				TUBING MATERIAL CODE: PE		FIELD-FILTERED: Y (N)		FILTER SIZE: 1.0 μm				
FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N (replaced))				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	Well Specific Metals 6020A		APP			
	1	PE	250 mL	HNO ₃	----	----						
REMARKS: Total Depth (ft 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

WELL NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th 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: 33 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 = 0.28 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: <i>Jessie Campbell / URS</i>			SAMPLER(S) SIGNATURE(S): <i>Jessie Campbell</i>			SAMPLING INITIATED AT: 1602		SAMPLING ENDED AT: 1604	
PUMP OR TUBING DEPTH IN WELL (feet):			TUBING MATERIAL CODE: PE			FIELD-FILTERED: <input checked="" type="checkbox"/> Y N		FILTER SIZE: 1.0 μm	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N			TUBING Y <input checked="" type="checkbox"/> N (replaced)			DUPLICATE: Y <input checked="" type="checkbox"/> 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: Longer purge for Turbidity ... filtered. Total Depth (ft btoc): 45.60' ~~45.60'~~

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

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GEORGIA GROUNDWATER SAMPLING LOG

WELL NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-358	SAMPLE ID: MW-358
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				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING 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
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TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	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	27.38	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 / HRS	SAMPLER(S) SIGNATURE(S): <i>Trevor Campbell</i>	SAMPLING INITIATED AT: 1531	SAMPLING ENDED AT: 1533
PUMP OR TUBING DEPTH IN WELL (feet): 13.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	FILTER SIZE: 1.0 μm
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	TUBING Y <input checked="" type="checkbox"/> N (replaced) <input type="checkbox"/>	DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

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	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; RFP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); 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 4 th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-365	SAMPLE ID: MW-365
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 2.16 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	Nb	Nb
1404	0.375	5.875	0.125	6.96	3.88	23.83	1785	0.23	6.75	209.4	9	11
1407	0.375	6.250	0.125	6.96	3.88	23.82	1781	0.23	0.74	210.1	11	11

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>D. DeHaven VRS</i>	SAMPLER(S) SIGNATURE(S): <i>D. DeHaven</i>	SAMPLING INITIATED AT: 1408	SAMPLING ENDED AT: 1411
PUMP OR TUBING DEPTH IN WELL (feet): 8	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	FILTER SIZE: 1.0 μm
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	TUBING Y <input checked="" type="checkbox"/> N (replaced) <input type="checkbox"/>	DUPLICATE: Y <input checked="" type="checkbox"/> N <input type="checkbox"/> DUP-5	

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	1300

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 = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); 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

WELL NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th 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 = 2,102.4 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): 1	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7.5	PURGING INITIATED AT: 1615	PURGING ENDED AT: 1728	TOTAL VOLUME PURGED (gallons): 8.74

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
1710	6.60	6.60	0.12	6.93	6.76	24.38	971	0.14	7.34	-153.3	Nb	Nb
1713	0.36	6.96	0.12	6.93	6.77	24.49	967	0.12	1.01	-134.3	11	11
1716	0.36	7.32	0.12	6.93	6.77	23.80	969	0.13	0.87	-130.0	11	11
1719	0.36	7.68	0.12	6.93	6.77	23.96	964	0.11	1.67	-136.0	11	11
1722	0.36	8.04	0.12	6.93	6.77	24.11	964	0.12	1.47	-140.0	11	11
1725	0.36	8.40	0.12	6.93	6.78	24.18	965	0.12	0.89	-142.4	11	11
1728	0.36	8.76	0.12	6.93	6.78	24.26	967	0.11	0.57	-142.5	11	11

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: DeHilton/URS	SAMPLER(S) SIGNATURE(S): DeHilton	SAMPLING INITIATED AT: 1728	SAMPLING ENDED AT: 1730
PUMP OR TUBING DEPTH IN WELL (feet): 7.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y <input checked="" type="checkbox"/> N	FILTER SIZE: 1.0 μm
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N	TUBING Y <input checked="" type="checkbox"/> N (replaced)	DUPLICATE: Y <input checked="" type="checkbox"/> 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	10300

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 = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); 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: PCS Moultrie (Former Farmers Favorite Fertilizer)	LOCATION: 315 4 th 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 (ft): 9.11 feet to 19.11 feet	STATIC DEPTH TO WATER (feet): 8.20	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (19.11 feet - 8.20 feet) X 0.16 gallons/foot = 1.7456 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	-74.4	"	"
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: DeHilton / VRS		SAMPLER(S) SIGNATURE(S): DeHilton		SAMPLING INITIATED AT: 0936	SAMPLING ENDED AT: 0940
PUMP OR TUBING DEPTH IN WELL (feet):		TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N)	FILTER SIZE: 1.0 μm	
FIELD DECONTAMINATION: PUMP Y (N)		TUBING Y (N (replaced))	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: Initial purgerate = 0.10gpm, 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

WELL NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-395	SAMPLE ID: MW-395
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: <i>DeHaven</i>				SAMPLER(S) SIGNATURE(S): <i>DeHaven</i>				SAMPLING INITIATED AT: 1042		SAMPLING ENDED AT: 1044	
PUMP OR TUBING DEPTH IN WELL (feet): 8				TUBING MATERIAL CODE: PE		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N		FILTER SIZE: 1.0 μm			
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N				TUBING Y <input checked="" type="checkbox"/> N (replaced)		DUPLICATE: Y <input checked="" type="checkbox"/> 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	1300		
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

WELL NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-403	SAMPLE ID: MW-403
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												
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING 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): <i>Tom Cull</i>				SAMPLING INITIATED AT: 1132		SAMPLING ENDED AT: 1134	
PUMP OR TUBING DEPTH IN WELL (feet): 18				TUBING MATERIAL CODE: PE		FIELD-FILTERED: <input checked="" type="checkbox"/> N		FILTER SIZE: 1.0 µm			
FIELD DECONTAMINATION: PUMP <input type="checkbox"/> Y <input checked="" type="checkbox"/> N				TUBING <input type="checkbox"/> Y <input checked="" type="checkbox"/> N (replaced)		DUPLICATE: <input type="checkbox"/> Y <input checked="" type="checkbox"/> 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	Well Specific Metals 6020A	APP	~200		
	1	PE	250 mL	HNO ₃	----	----					
REMARKS: Total Depth (ft btoc): 34.52' ^{80"}											
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)											
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)											

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

pH: ± 0.1 units

Specific Conductance: ± 5%

Dissolved Oxygen: ± 0.2 mg/L or ± 10% saturation (whichever is greater)

Turbidity: all readings ≤ 10 NTU

GEORGIA GROUNDWATER SAMPLING LOG

SITE: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th 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)												
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) μ mhos/cm or μ S/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	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	3.49	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. McIlwain				SAMPLER(S) SIGNATURE(S): [Signature]			SAMPLING INITIATED AT: 0922		SAMPLING ENDED AT: 0926	
PUMP OR TUBING DEPTH IN WELL (feet): 6				TUBING MATERIAL CODE: PE		FIELD-FILTERED: Y (N)		FILTER SIZE: 1.0 μ m		
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: 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: $\pm 5\%$
- Dissolved Oxygen: ± 0.2 mg/L or $\pm 10\%$ saturation (whichever is greater)
- Turbidity: all readings ≤ 10 NTU

GEORGIA GROUNDWATER SAMPLING LOG

SITE: PCS Moultrie (Former Farmers Favorite Fertilizer)		LOCATION: 315 4 th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: MW-42S	SAMPLE ID: MW-42S	DATE: 8/5/14	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 5 feet to 15 feet	STATIC DEPTH TO WATER (feet): 2.60	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (15 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)				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5	PURGING INITIATED AT: 1315	PURGING ENDED AT: 1421	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
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	1	1	5.52	24.34	3572	0.15	3.17	87.9	1	1
1421	0.3	6.6	1	1	5.52	24.30	3575	0.15	2.88	87.8	1	1

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>Freese Campbell</u> / <u>URS</u>	SAMPLER(S) SIGNATURE(S): <u>[Signature]</u>	SAMPLING INITIATED AT: 1423	SAMPLING ENDED AT: 1425
PUMP OR TUBING DEPTH IN WELL (feet): 5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y <u>N</u>	FILTER SIZE: 1.0 μm
FIELD DECONTAMINATION: PUMP Y <u>N</u> TUBING Y <u>N (replaced)</u>		DUPLICATE: Y <u>N</u>	

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' bptoc

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); 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

80 215

GEORGIA GROUNDWATER SAMPLING LOG

WELL NO: <i>MW-438</i>		SAMPLE ID: <i>MW-438</i>		DATE: <i>8/8/14</i>	
SITE: PCS Moultrie (Former Farmers Favorite Fertilizer)			LOCATION: 315 4 th Avenue N.E., Moultrie, Colquitt County, Georgia		

PURGING DATA

WELL DIAMETER (inches): <i>2</i>	TUBING DIAMETER (inches): <i>1/4</i>	WELL SCREEN INTERVAL DEPTH: <i>5</i> feet to <i>15</i> feet	STATIC DEPTH TO WATER (feet): <i>5.47</i>	PURGE PUMP TYPE OR BAILER: <i>PP</i>
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) $= (18.09 \text{ feet} - 5.47 \text{ feet}) \times 0.16 \text{ gallons/foot} = 2.0192 \text{ gallons}$ <i>3 = 6.0576</i>				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = _____ gallons + (_____ gallons/foot X _____ feet) + _____ gallons = _____ gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <i>7</i>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <i>8</i>	PURGING INITIATED AT: <i>0810</i>	PURGING ENDED AT: <i>0916</i>	TOTAL VOLUME PURGED (gallons): <i>6.6</i>

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
<i>0910</i>	<i>6.0</i>	<i>6.0</i>	<i>0.10</i>	<i>7.58</i>	<i>5.77</i>	<i>26.04</i>	<i>1370</i>	<i>0.22</i>	<i>0.75</i>	<i>83.8</i>	<i>none</i>	<i>none</i>
<i>0913</i>	<i>0.3</i>	<i>6.3</i>	<i> </i>	<i> </i>	<i>5.77</i>	<i>26.05</i>	<i>1370</i>	<i>0.21</i>	<i>0.65</i>	<i>83.1</i>	<i> </i>	<i> </i>
<i>0916</i>	<i>0.3</i>	<i>6.6</i>	<i> </i>	<i> </i>	<i>5.77</i>	<i>26.06</i>	<i>1370</i>	<i>0.21</i>	<i>0.71</i>	<i>83.1</i>	<i> </i>	<i> </i>

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>Kevin Campbell / URS</i>		SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>		SAMPLING INITIATED AT: <i>0918</i>	SAMPLING ENDED AT: <i>0920</i>
PUMP OR TUBING DEPTH IN WELL (feet): <i>8</i>		TUBING MATERIAL CODE: <i>PE</i>	FIELD-FILTERED: <i>Y</i> <input checked="" type="radio"/> <i>N</i>	FILTER SIZE: <i>1.0</i> μm	
FIELD DECONTAMINATION: PUMP <i>Y</i> <input checked="" type="radio"/> <i>N</i>		TUBING <i>Y</i> <input checked="" type="radio"/> <i>N</i> (replaced)	DUPLICATE: <i>Y</i> <input checked="" type="radio"/> <i>N</i>		

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			
	<i>1</i>	<i>PE</i>	<i>250 mL</i>	<i>HNO₃</i>	<i>-----</i>	<i>-----</i>	<i>Well Specific Metals 6020A</i>	<i>APP</i>	<i>~200</i>

REMARKS: Total Depth (ft btoc): *17.70'*

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
 SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS
 pH: ± 0.1 units
 Specific Conductance: $\pm 5\%$
 Dissolved Oxygen: ± 0.2 mg/L or $\pm 10\%$ saturation (whichever is greater)
 Turbidity: all readings ≤ 10 NTU

GEORGIA GROUNDWATER SAMPLING LOG

WELL NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-445	SAMPLE ID: MW-445
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												
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)												
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) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	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 = Bailor; 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 <input checked="" type="checkbox"/>		FILTER SIZE: 1.0 μm				
FIELD DECONTAMINATION: PUMP Y <input type="checkbox"/> N <input checked="" type="checkbox"/>				TUBING Y <input type="checkbox"/> N (replaced) <input checked="" type="checkbox"/>		DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>						
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	Well Specific Metals 6020A		APP		~200	
	1	PE	250 mL	HNO ₃	----	----						
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 = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)												

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

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1746

GEORGIA GROUNDWATER SAMPLING LOG

SITE: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th 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) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	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): <i>[Signature]</i>			SAMPLING INITIATED AT: 1808		SAMPLING ENDED AT: 1811		
PUMP OR TUBING DEPTH IN WELL (feet): 13			TUBING MATERIAL CODE: PE		FIELD-FILTERED: Y <input checked="" type="checkbox"/> (N)		FILTER SIZE: 1.0 μm			
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> (N)			TUBING Y <input checked="" type="checkbox"/> (N (replaced))			DUPLICATE: Y <input checked="" type="checkbox"/> (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	Well Specific Metals 6020A	APP	227	
	1	PE	250 mL	HNO ₃	----	----				

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: $\pm 5\%$
 Dissolved Oxygen: ± 0.2 mg/L or $\pm 10\%$ saturation (whichever is greater)
 Turbidity: all readings ≤ 10 NTU

GEORGIA GROUNDWATER SAMPLING LOG

SITE: PCS Moultrie (Former Farmers Favorite Fertilizer)	LOCATION: 315 4 th 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) = (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): 7.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7.5	PURGING INITIATED AT: 1018	PURGING ENDED AT: 1110	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) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	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	1	1	4.04	28.02	0.33	0.33	1.11	422.3	1	1
1110	0.3	5.2	1	1	4.04	27.99	0.33	0.33	1.17	420.3	1	1
							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 = Bailor; 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): <i>Trevor Campbell</i>		SAMPLING INITIATED AT: 1112	SAMPLING ENDED AT: 1114
PUMP OR TUBING DEPTH IN WELL (feet): 7.5		TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y <input checked="" type="checkbox"/>	FILTER SIZE: 1.0 μm	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> (replaced)		DUPLICATE: Y <input checked="" type="checkbox"/>			

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): 14.60' note

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
 SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

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GEORGIA GROUNDWATER SAMPLING LOG

WELL NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th 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 x3 = 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	117.9 ^{mc}	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): <i>T. Campbell</i>			SAMPLING INITIATED AT: 1436		SAMPLING ENDED AT: 1438	
PUMP OR TUBING DEPTH IN WELL (feet): 20			TUBING MATERIAL CODE: PE		FIELD-FILTERED: Y <input checked="" type="checkbox"/>		FILTER SIZE: 1.0 μm		
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N			TUBING Y <input checked="" type="checkbox"/> N (replaced)		DUPLICATE: Y <input checked="" type="checkbox"/> 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	Well Specific Metals 6020A	APP	~200
	1	PE	250 mL	HNO ₃	----	----			
REMARKS: Total Depth (ft btoc): 31.67' <i>btoc</i>									
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)									
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); 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

WELL NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-495	SAMPLE ID: MW-495 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) = (34.5 feet - 4.48 feet) X 0.16 gallons/foot = 4.80 gallons √3 = 14.41				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING 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	27.77	33	3.38	201	253.3	Cloudy	None
1140	0.18	14.64	↓	25.91	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	184.3	↓	↓
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: B. J. Moultrie / URS		SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>		SAMPLING INITIATED AT: 1426	SAMPLING ENDED AT: 1429
PUMP OR TUBING DEPTH IN WELL (feet): 31		TUBING MATERIAL CODE: PE	FIELD-FILTERED: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	FILTER SIZE: 1.0 μm	
FIELD DECONTAMINATION: PUMP <input type="checkbox"/> Y <input checked="" type="checkbox"/> N		TUBING <input type="checkbox"/> Y <input checked="" type="checkbox"/> N (replaced)	DUPLICATE: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N		

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-495 (D3201d)	1	PE	250 mL	HNO ₃	---	---	Well Specific Metals 6020A	APP	227 mL/min

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; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); 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

WELL NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th 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 = 1.136 gallons * 3 = 3.403												
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING 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: 1536	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
1618	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): <i>T. Campbell</i>				SAMPLING INITIATED AT: 1620		SAMPLING ENDED AT: 1622	
PUMP OR TUBING DEPTH IN WELL (feet): 9.5				TUBING MATERIAL CODE: PE				FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: 1.0 μm	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N <input type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> N (replaced) <input type="checkbox"/>				DUPLICATE: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>							
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	~ 250		
REMARKS: Total Depth (ft btoc): 15.90' <i>none</i>											
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)											
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); 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

34 1612

GEORGIA GROUNDWATER SAMPLING LOG

WELL NO: FFFW-2-R	SAMPLE ID: FFFW-2-R	DATE: 8/12/14
WELL NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)		SITE LOCATION: 315 4 th Avenue N.E., Moultrie, Colquitt County, Georgia

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	7.49	25.34	2655	0.27	1.51	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	2769	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 Lucas				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>				SAMPLING INITIATED AT: 1719		SAMPLING ENDED AT: 1721	
PUMP OR TUBING DEPTH IN WELL (feet): 19				TUBING MATERIAL CODE: PE				FIELD-FILTERED: Y <input checked="" type="checkbox"/> (N)		FILTER SIZE: 1.0 μm	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> (N)				TUBING Y <input checked="" type="checkbox"/> (N (replaced))				DUPLICATE: Y <input checked="" type="checkbox"/> (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	HNO₃	----	----	Well Specific Metals 6020A	APP	300		
REMARKS: 3 well vol to 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

WELL NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: FFFW-2J	SAMPLE ID: FFFW-2-J
DATE: 8/12/14	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 45 feet to 50 feet	STATIC DEPTH TO WATER (feet): 18.29	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)				
= (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): 47	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 47	PURGING INITIATED AT: 1627	PURGING ENDED AT: 1655	TOTAL VOLUME PURGED (gallons): 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	148.8	↓	↓

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): <i>[Signature]</i>	SAMPLING INITIATED AT: 1657	SAMPLING ENDED AT: 1700
PUMP OR TUBING DEPTH IN WELL (feet): 47	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N)	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): 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 4 th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: <u>FFFW-3-R</u>	SAMPLE ID: <u>FFFW-3-R</u> DATE: <u>8/8/14</u>

PURGING DATA

WELL DIAMETER (inches): <u>2</u>	TUBING DIAMETER (inches): <u>1/4</u>	WELL SCREEN INTERVAL DEPTH: <u>4</u> feet to <u>14</u> feet	STATIC DEPTH TO WATER (feet): <u>7.17</u>	PURGE PUMP TYPE OR BAILER: <u>PP</u>
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)				
= (<u>17</u> feet - <u>7.17</u> feet) X <u>0.16</u> gallons/foot = <u>1.5728</u> gallons <small>*3 = 4.7184</small>				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)				
= <u> </u> gallons + (<u> </u> gallons/foot X <u> </u> feet) + <u> </u> gallons = <u> </u> gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <u>9</u>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <u>10</u>	PURGING INITIATED AT: <u>0949</u>	PURGING ENDED AT: <u>1035</u>	TOTAL VOLUME PURGED (gallons): <u>5.52</u>

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	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
<u>1029</u>	<u>4.8</u>	<u>4.8</u>	<u>0.12</u>	<u>9.41</u>	<u>5.50</u>	<u>25.30</u>	<u>2174</u>	<u>1.66</u>	<u>1.15</u>	<u>112.8</u>	<u>none</u>	<u>none</u>
<u>1032</u>	<u>0.36</u>	<u>5.16</u>	<u> </u>	<u> </u>	<u>5.51</u>	<u>25.32</u>	<u>2174</u>	<u>1.64</u>	<u>1.08</u>	<u>111.7</u>	<u> </u>	<u> </u>
<u>1035</u>	<u>0.36</u>	<u>5.52</u>	<u> </u>	<u> </u>	<u>5.52</u>	<u>25.34</u>	<u>2174</u>	<u>1.64</u>	<u>0.99</u>	<u>111.9</u>	<u> </u>	<u> </u>

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>Kevon Campbell / URS</u>		SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT: <u>1037</u>	SAMPLING ENDED AT:		
PUMP OR TUBING DEPTH IN WELL (feet): <u>10</u>		TUBING MATERIAL CODE: <u>PE</u>	FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>		FILTER SIZE: <u>1.0</u> μm			
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>		TUBING Y <input checked="" type="checkbox"/> N (replaced) <input checked="" type="checkbox"/>	DUPLICATE: Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>					
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		
	<u>1</u>	<u>PE</u>	<u>250 mL</u>	<u>HNO₃</u>	<u>----</u>	<u>----</u>	<u>APP</u>	<u>~200</u>

REMARKS: Total Depth (ft btoc): 16.0

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

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

WELL NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: FFFW-4-R	SAMPLE ID: FFFW-4-R
DATE: 9/11/14	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 10.00	PURGE PUMP TYPE OR BAILER: PP								
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (16.81 feet - 10.00 feet) X 0.16 gallons/foot = 1.0896 gallons x 3 = 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): 11.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 16	PURGING INITIATED AT: 1612	PURGING ENDED AT: 1757	TOTAL VOLUME PURGED (gallons): 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) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	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: Trevor Campbell / UPS				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>				SAMPLING INITIATED AT: 1759		SAMPLING ENDED AT: 1801	
PUMP OR TUBING DEPTH IN WELL (feet):				TUBING MATERIAL CODE: PE		FIELD-FILTERED: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N		FILTER SIZE: 1.0 μm			
FIELD DECONTAMINATION: PUMP <input type="checkbox"/> Y <input checked="" type="checkbox"/> N				TUBING <input type="checkbox"/> Y <input checked="" type="checkbox"/> N (replaced)		DUPLICATE: <input type="checkbox"/> Y <input checked="" type="checkbox"/> 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	Well Specific Metals 6020A	APP	~ 200		
	1	PE	250 mL	HNO ₃	----	----					
REMARKS: Purged 5 well volumes due to high turbidity (5.448 gallons)											
										Total Depth (ft btoc): 17.70' <i>htc</i>	
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)											
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)											

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

1742

GEORGIA GROUNDWATER SAMPLING LOG

WELL NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th 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												
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING 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) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	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			4.54	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): <i>[Signature]</i>				SAMPLING INITIATED AT: 0931		SAMPLING ENDED AT: 0933			
PUMP OR TUBING DEPTH IN WELL (feet): 14				TUBING MATERIAL CODE: PE		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: 1.0 μm					
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N <input type="checkbox"/>				TUBING Y <input checked="" type="checkbox"/> N (replaced) <input type="checkbox"/>		DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>							
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	Well Specific Metals 6020A		APP		~200		
	1	PE	250 mL	HNO ₃	----	----							
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: $\pm 5\%$
- Dissolved Oxygen: ± 0.2 mg/L or $\pm 10\%$ saturation (whichever is greater)
- Turbidity: all readings ≤ 10 NTU

47 0923

GEORGIA GROUNDWATER SAMPLING LOG

WELL NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th Avenue N.E., Moultrie, Colquitt County, Georgia
WELL NO: MW-TPII	SAMPLE ID: MW-TPII
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	157.4		
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: <i>Trevor Campbell / NRS</i>	SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>	SAMPLING INITIATED AT: 0821	SAMPLING ENDED AT: 0823
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y <input checked="" type="checkbox"/> N	FILTER SIZE: 1.0 μm
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N	TUBING Y <input checked="" type="checkbox"/> N (replaced)	DUPLICATE: Y <input checked="" type="checkbox"/> 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) ~~48~~ 48.12' *[Signature]*

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
 SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); 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

WELL NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)	SITE LOCATION: 315 4 th 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) = (20 feet - 7.40 feet) X 0.16 gallons/foot = 2.016 gallons x 3 = 6.048				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING 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	/	/	5.39	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): <i>[Signature]</i>			SAMPLING INITIATED AT: 0935		SAMPLING ENDED AT: 0937	
PUMP OR TUBING DEPTH IN WELL (feet): 12			TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: 1.0 μm	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N <input type="checkbox"/>			TUBING Y <input checked="" type="checkbox"/> N (replaced) <input type="checkbox"/>			DUPLICATE: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>			

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): 19.82' *[initials]*

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

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

SITE: PCS Moultrie (Former Farmers Favorite Fertilizer)	LOCATION: 315 4 th 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) = 10 feet - 7.16 feet X 0.16 gallons/foot = 2.0544 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = gallons + (gallons/foot X feet) + gallons = gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10.5	PURGING INITIATED AT: 16:28	PURGING ENDED AT: 17:19	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
17:13	6.3	6.3	0.14	9.96	4.86	21.11	182	0.74	1.11	164.5	none	none
17:16	0.42	6.72		9.96	4.86	21.09	182	0.72	1.42	165.8		
17:19	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 = Bailor; 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): <i>Trevor Campbell</i>			SAMPLING INITIATED AT: 17:21		SAMPLING ENDED AT: 17:23	
PUMP OR TUBING DEPTH IN WELL (feet): 10.5			TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input checked="" type="radio"/> N		FILTER SIZE: 1.0 μm	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="radio"/> N			TUBING Y <input checked="" type="radio"/> N (replaced)			DUPLICATE: Y <input checked="" type="radio"/> 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	~250

REMARKS: Total Depth (ft btoc): 19.62'

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); 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

WELL NO: <u>MW-TP48</u>		SAMPLE ID: <u>MW-TP48</u>		DATE: <u>8/8/14</u>	
WELL: PCS Moultrie (Former Farmers Favorite Fertilizer)			SITE LOCATION: 315 4 th Avenue N.E., Moultrie, Colquitt County, Georgia		

PURGING DATA

WELL DIAMETER (inches): <u>2</u>	TUBING DIAMETER (inches): <u>1/4</u>	WELL SCREEN INTERVAL DEPTH: <u>15</u> feet to <u>25</u> feet	STATIC DEPTH TO WATER (feet): <u>15.02</u>	PURGE PUMP TYPE OR BAILER: <u>PP</u>
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY				
(only fill out if applicable)				
= (<u>25</u> feet - <u>15.02</u> feet) X <u>0.16</u> gallons/foot = <u>1.5968</u> 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): <u>17</u>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <u>17</u>	PURGING INITIATED AT: <u>1116</u>	PURGING ENDED AT: <u>1200</u>	TOTAL VOLUME PURGED (gallons): <u>5.28</u>

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	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
<u>1154</u>	<u>4.56</u>	<u>4.56</u>	<u>0.16</u>	<u>15.26</u>	<u>4.76</u>	<u>22.18</u>	<u>116</u>	<u>3.32</u>	<u>2.21</u>	<u>251.5</u>	<u>none</u>	<u>none</u>
<u>1157</u>	<u>0.36</u>	<u>4.92</u>	<u>/</u>	<u>/</u>	<u>4.75</u>	<u>22.13</u>	<u>115</u>	<u>3.34</u>	<u>2.02</u>	<u>251.1</u>	<u>/</u>	<u>/</u>
<u>1200</u>	<u>0.36</u>	<u>5.28</u>	<u>/</u>	<u>/</u>	<u>4.75</u>	<u>22.15</u>	<u>116</u>	<u>3.29</u>	<u>1.90</u>	<u>250.1</u>	<u>/</u>	<u>/</u>

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>Trevor Campbell / URS</u>	SAMPLER(S) SIGNATURE(S): <u>[Signature]</u>	SAMPLING INITIATED AT: <u>1202</u>	SAMPLING ENDED AT: <u>1204</u>
PUMP OR TUBING DEPTH IN WELL (feet): <u>17</u>	TUBING MATERIAL CODE: <u>PE</u>	FIELD-FILTERED: Y <input checked="" type="checkbox"/> <u>N</u>	FILTER SIZE: <u>1.0</u> µm
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> <u>N</u>	TUBING Y <input checked="" type="checkbox"/> <u>N (replaced)</u>	DUPLICATE: Y <input checked="" type="checkbox"/> <u>N</u>	

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			
	<u>1</u>	<u>PE</u>	<u>250 mL</u>	<u>HNO₃</u>	<u>----</u>	<u>----</u>	<u>Well Specific Metals 6020A</u>	<u>APP</u>	<u>~200</u>

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

GEORGIA GROUNDWATER SAMPLING LOG

WELL NO: MW-TP58	SAMPLE ID: MW-TP58	DATE: 8/11/14
SITE NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)		LOCATION: 315 4th Avenue N.E., Moultrie, Colquitt County, Georgia

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												
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING 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	5.67 0.51	5.94			3.23	24.20	20610	0.31	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 / WRS			SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLING INITIATED AT: 1055		SAMPLING ENDED AT: 1059	
PUMP OR TUBING DEPTH IN WELL (feet): 17			TUBING MATERIAL CODE: PE		FIELD-FILTERED: Y <input checked="" type="radio"/> N <input checked="" type="radio"/>		FILTER SIZE: 1.0 μm		
FIELD DECONTAMINATION: PUMP Y <input checked="" type="radio"/> N <input checked="" type="radio"/>			TUBING Y <input checked="" type="radio"/> N (replaced) <input checked="" type="radio"/>		DUPLICATE: <input checked="" type="radio"/> Y <input checked="" type="radio"/> 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): 24.90'									
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

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GEORGIA GROUNDWATER SAMPLING LOG

WELL NAME: PCS Moultrie (Former Farmers Favorite Fertilizer)		SITE LOCATION: 315 4 th Avenue N.E., Moultrie, Colquitt County, Georgia	
WELL NO: <i>TP5I</i>		SAMPLE ID: <i>MW-TP5I</i>	DATE: <i>8/11/14</i>

PURGING DATA

WELL DIAMETER (inches): <i>2</i>	TUBING DIAMETER (inches): <i>1/4</i>	WELL SCREEN INTERVAL DEPTH: <i>45</i> feet to <i>50</i> feet	STATIC DEPTH TO WATER (feet): <i>15.60</i>	PURGE PUMP TYPE OR BAILER: <i>PP</i>
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (<i>47.5</i> feet - <i>15.60</i> feet) X <i>0.026</i> gallons/foot = <i>0.28</i> gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = <i>0</i> gallons + (<i>0.0026</i> gallons/foot X <i>50</i> feet) + <i>0.15</i> gallons = <i>0.28</i> gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <i>47.5</i>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <i>47.5</i>	PURGING INITIATED AT: <i>0951</i>	PURGING ENDED AT: <i>1023</i>	TOTAL VOLUME PURGED (gallons): <i>3.2</i>

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR	ODOR
<i>1013</i>	<i>2.2</i>	<i>2.2</i>	<i>0.10</i>	<i>18.40</i>	<i>5.95</i>	<i>24.46</i>	<i>54</i>	<i>1.74</i>	<i>26.6</i>	<i>149.5</i>	<i>none</i>	<i>none</i>
<i>1018</i>	<i>0.5</i>	<i>2.7</i>	<i>1</i>	<i>1</i>	<i>5.95</i>	<i>24.56</i>	<i>54</i>	<i>1.75</i>	<i>27.9</i>	<i>149.1</i>	<i>1</i>	<i>1</i>
<i>1023</i>	<i>0.5</i>	<i>3.2</i>	<i>1</i>	<i>1</i>	<i>5.95</i>	<i>24.52</i>	<i>54</i>	<i>1.76</i>	<i>30.2</i>	<i>150.4</i>	<i>1</i>	<i>1</i>

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>Tresor Campbell / URS</i>				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLING INITIATED AT: <i>1025</i>		SAMPLING ENDED AT: <i>1027</i>	
PUMP OR TUBING DEPTH IN WELL (feet): <i>47.5</i>				TUBING MATERIAL CODE: <i>PE</i>		FIELD-FILTERED: <input checked="" type="checkbox"/> <i>Y</i> <input type="checkbox"/> <i>N</i>		FILTER SIZE: <i>1.0</i> μm		
FIELD DECONTAMINATION: PUMP <input type="checkbox"/> <i>Y</i> <input checked="" type="checkbox"/> <i>N</i>				TUBING <input type="checkbox"/> <i>Y</i> <input checked="" type="checkbox"/> <i>N (replaced)</i>		DUPLICATE: <input type="checkbox"/> <i>Y</i> <input checked="" type="checkbox"/> <i>N</i>				

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			
	<i>1</i>	<i>PE</i>	<i>250 mL</i>	<i>HNO₃</i>	<i>----</i>	<i>----</i>	<i>Well Specific Metals 6020A</i>	<i>APP</i>	<i>~200</i>

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; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

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

CALIBRATION LOG

DATE: 8/5/14 SI 556 MPS s/n: 13610 SITE NAME & LOCATION: PC OFF Moulfire, Georgia JOB #: 12806651
 Turbidity M: HACH 2100 Q s/n: 11090001256

To access g/p file, select main menu, file, view file, .g/p, 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 (g/p file)	DO (mg/L)	TEMP (°C)	DO%	SATURATION (mg/L) (from chart)	PASS/FAIL +/- 0.3 mg/L	INITIALS
CAL	8-5-14 0747	0.99546	8.21	25.19	99.8	8.233	pass	TR
ICV	8-5-14 0756		8.21	25.16	99.7	8.240	pass	TR
CCV	8-6-14 0710		8.32	24.86	99.2	8.290	pass	TR

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 (g/p file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL	8-5-14 0740	1409	16828	6-15	1409	0.987221			TR
ICV	8-5-14 0754	1409	"	"	1410			pass	TR
CCV	8-6-14 0655	"	"	"	1412			pass	TR

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	23822	8-27-15	52.3	7.02	51.1	-		TR
CAL	8-5-14 0730	4.00	24120	9-3-15	141.2	4.00	141.2	-		TR
CAL	8-5-14 0732	10.00	2052374	5-30-15	-171.1	9.99	-170.1	-		TR
ICV	8-5-14 0750	7.00	23822	8-27-15		7.01			pass	TR
CCV	8-6-14 0651	7.00	23822	8-27-15		7.03			pass	TR

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 (g/p file)	PASS/FAIL +/- 10 mV	INITIALS
CAL	8-5-14 0744	26.99	231.252	13010147	4-15	226.2	0.99217		TR
ICV	8-5-14 0752	25.13	231.252	"	"	229.2		pass	TR
CCV	8-6-14 0659	26.01	"	"	"	233.1		pass	TR

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	A3363 A3363	12-15	823-101-19.7		TR
ICV	8-5-14 0745	10	A3393	12-14	9.97	pass	TR
CCV	8-6-14 0658	11	11	11	10.2	pass	TR

CALIBRATION LOG

DATE: 8/6/14 SITE NAME & LOCATION: PC OFF Moulire, Georgia JOB #: 12806651
 SI 556 MPS s/n: 13610 Turbidity Model: 11ACH 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	RC

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	1409	218-28	6-15	1402			PASS	RC

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	0241-20	9-3-15		4.07			PASS	RC

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	13000147	4-15	235.7		PASS	RC

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	4397	12-14	10.1	PASS	RC

CALIBRATION LOG

DATE: 8-8-14 SITE NAME & LOCATION: PC OFF Moultrie, Georgia JOB #: 6615
 'SI 556 MPS s/n: 13616 Turbidity Model: YACH 2100Q s/n: 1109002562

To access .gfp file, select main menu, file, view file, .gfp, 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 (gfp 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	R

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 (gfp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL		1409							
ICV									
CCV	8-8-14	1409	<168.28	8-15	1400			pass	SR

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	7.00	0238.72	8-27-15		7.08			pass	TR

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 (gfp file)	PASS/FAIL +/- 10 mV	INITIALS
CAL									
ICV									
CCV	8-8-14	0730	24.01	130100147	4-15	227.1		pass	TC

ORP mV offset range = 0 +/- 100

TURBIDITY

DATE	TIME	STANDARD (NTU)	LOT#	EXP. DATE	TURBIDITY READING (NTU)	PASS/FAIL +/- 10%	INITIALS
CAL							
ICV							
CCV	8-8-14	0722	A3393	12-14	10.2	pass	TC

CALIBRATION LOG

DATE: 8/11/14 SITE NAME & LOCATION: PC OFF Moulire, Georgia JOB #: 12806615
 SI 556 MPS s/n: 13610 Turbidity M: FACT 2100Q s/n: 1090C12562

To access .gfp file, select main menu, file, view file, .gfp, 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 (gfp file)	DO (mg/L)	TEMP (°C)	DO%	SATURATION (mg/L) (from chart)	PASS/FAIL +/- 0.3 mg/L	INITIALS
CAL	8-11-14	0.998846	8.04	26.32	100.0	8.070	PASS	R
ICV	8-11-14		8.01	26.32	101.1	7.997	PASS	TC
CCV	8-12-14		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 (gfp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL	8-11-14	1409	10984	5-5-15	1409	0.982197			TC
ICV	8-11-14	1409	"	"	1409			PASS	TC
CCV	8-12-14		"	"	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	7.00	2405440	4-16	56.7	7.01	56.7			TC
CAL	8-11-14	4.00	2405963	5/31/16	168.3	4.00	168.4			TC
CAL	8-11-14	10.00	2404751	7-0-16	-185.1	9.99	-185.1			TC
ICV	8-11-14	7.00	2405440	4-16		7.01			PASS	TC
CCV	8-12-14		"	"		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)	STANDARD (mV)	LOT#	EXP. DATE	ORP READING (mV)	ORP (mV) OFFSET (gfp file)	PASS/FAIL +/- 10 mV	INITIALS
CAL	8-11-14	25.54	2402250	7108	12-31-2018	241.2	17.80522		TC
ICV	8-11-14	26.13	"	"	"	238.6		PASS	TC
CCV	8-12-14	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	10	A3393	12-14	10.1		TC
ICV	8-11-14	10	"	"	10.1	PASS	TC
CCV	8-12-14	"	"	"	9.98	PASS	TC

CALIBRATION LOG

DATE: 8/13/14
 YSI 556 MPS s/n: 13610

SITE NAME & LOCATION: PC OFF Moulire, Georgia
 Turbidity Model: YACIT 2100

JOB #: 12800651
 s/n: 11050013562

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 e 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
SI 556 MPS s/n: 13610

SITE NAME & LOCATION: PC OFF Moultrie, Georgia
Turbidity Meter: TRACH 2100A

JOB #: 12806651
s/n: 110900013562

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	1409	10984	5-5-15	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	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	24003502	7168	12-31-13	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	A3843	12-14	10.0	pass	TC

CALIBRATION LOG

DATE: 08/05/14
 YSI 556 MPS s/n: 115101022
 Pipe leased

SITE NAME & LOCATION: PUFF Moultrie, Georgia
 Turbidity Meter: HACH 21000

JOB #: s/n: 130500025380

To access .gip file, select main menu, file, view file, .gip, 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 (gip 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 (gip 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								
ICV	08.05.14 0743	4.00	2402961	053116		3.99			pass	dh
ICV	08.05.14 6748	10.00	2404751	100115		9.98			pass	dh
ICV	08.05.14 6737	7.00	2405440	040116		7.03			pass	dh
CCV	08.05.14 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 (gip file)	PASS/FAIL +/- 10 mV	INITIALS
CAL									
ICV	08.05.14 1852	23.14	223.2	7168	123118	228.4		pass	dh
CCV	08.05.14 1822	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	08.05.14 0753	10.0	A085	060115	10.4	pass	dh

CALIBRATION LOG

DATE: 08050806 SITE NAME & LOCATION: PLUFF Moulire, Georgia
 YSI 556 MPS s/n: 11E101022 Turbidity Meter: HACH 2100
Pine leased

JOB #: _____ s/n: 13050002580

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	31.4	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	2405446	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: PLUFF Moultrie, Georgia JOB #: s/n: 130500025380
 YSI 556 MPS s/n: 1161010122 Turbidity Meter: Hach 2100 Q

To access glp file, select main menu, file, view file, glp, scroll down to bottom and right.
 Uncal YSI before initial calibration. Record Conductivity gain, DO gain & ORP offset after calibrating.

Dissolved Oxygen

DATE	TIME	DO PROBE GAIN (glp file)	DO (mg/L)	TEMP (°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 1646	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
 YSI 556 MPS s/n: 11510101022

SITE NAME & LOCATION: Ruff Moultrie, Georgia
 Turbidity Meter: Hach 2100Q

JOB #:

s/n: 3050023380

Pure leaved

To access .gip file, select main menu, file, view file, .gip, 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 (gip file)	DO (mg/L)	TEMP (°C)	DO%	SATURATION (mg/L) (from chart)	PASS/FAIL +/- 0.3 mg/L	INITIALS
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 (gip file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
		1409							
08.08.14	1221	148	16984	0505/5	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
		7.00								
		4.00								
		10.00								
		7.00								
08.08.14	1214	7.00	2005446	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 (gip file)	PASS/FAIL +/- 10 mV	INITIALS
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
08.08.14	1230	10.0	A085	06.01.15	10.2	pass	dh

CALIBRATION LOG

DATE: 08/05/14 SITE NAME & LOCATION: PLUFF Moultrie, Georgia JOB #: 12806651.00000
 YSI 556 MPS s/n: 12F102264 Turbidity Meter: HACH 21648 s/n: 1211002454

To access .gfp file, select main menu, file, view file, .gfp, 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 (gfp 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	DM
ICV	8/5/14 0814		8.22	25.03	99.4	8.263	Pass	BY
CCV	8/5/14 1854		7.45	30.70	99.6	7.418	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 (gfp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL	08/05/14 0758	1400	1413	5/5/15	1413	0.993790	4.96895		
ICV	08/05/14 0800	1415	10984	5/10/18	1415			Pass	BY
CCV	08/05/14 1858	1415	10984	5/5/15	1467			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	08/05/14 759	7.00	2405490	APR 16	APR 20-22.7	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	3662113	6/30/15	-193.1	10.00	-194.5	0.6		
ICV	08/05/14 0754	7.00	2405490	APR 16		7.01			Pass	BY
CCV	08/05/14 1900	7.00	2405490	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 (gfp file)	PASS/FAIL +/- 10 mV	INITIALS
CAL	08/05/14 0803	26.48	228.4	6758	09/18	228.4	17,34678		
ICV	08/05/14 0809	26.12	227.7	6758	09/18	229		Pass	BY
CCV	08/05/14 1907	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	A41091	Jul-15	19.4		BY
ICV	08/05/14 0824	20	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: PLUFF Moulfire, Georgia JOB #: 128066510000
 YSI 556 MPS s/n: 17FLO2264 Turbidity Meter: HACH Z100 Q s/n: 12106621434

To access g/p file, select main menu, file, view file, g/p, 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 (g/p file)	DO (mg/L)	TEMP (°C)	DO%	SATURATION (mg/L) (from chart)	PASS/FAIL +/- 0.3 mg/L	INITIALS
			7.77	28.30	99.4	20.80 7.70%		
08/06/14	1907		7.77	28.30	99.4	7.78%	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 (g/p file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
		1409							
08/06/14	1915	1413	10994	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
		7.00								
		4.00								
		10.00								
		7.00								
08/06/14	1913	7.00	240546	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 (g/p file)	PASS/FAIL +/- 10 mV	INITIALS
08/06/14	1710	31.20	221.9	6750	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
08/06/14	1903	10	A4104	July-15	10.2	Pass	Bm

CALIBRATION LOG

DATE: 08/07/14 SITE NAME & LOCATION: PLUFF Moultrie, Georgia JOB #: 12306691.00003
 YSI 556 MPS s/n: 12F107264 Turbidity Meter: HACH 21006 s/n: 121102071934

To access .gfp file, select main menu, file, view file, .gfp, 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 (gfp 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 (gfp file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
CAL			1409							
ICV										
CCV	08/07/14	2045	1413	109801	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	2405440	8/16		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 (gfp file)	PASS/FAIL +/- 10 mV	INITIALS
CAL										
ICV										
CCV	08/07/14	2048	3140	2219	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	A41104	July-15	10.6	Pass	Bm

CALIBRATION LOG

DATE: 08/08/14 SITE NAME & LOCATION: PULLEFF Moulfire, Georgia JOB #: 12806691, 0030
 YSI 556 MPS s/n: 12E10264 Turbidity Meter: HACH Z100Q s/n: 1210621934

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 1252		8.30	26.5C	105.6	0.050	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	10184	5/5/15	1427			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	2505490		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 1221	25.1	231	6758	09/10	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	10.2	Pass	Bm

CALIBRATION LOG

DATE: 08/11/14 SITE NAME & LOCATION: RUFF Moultrie, Georgia JOB #: 1280667-00000
 YSI 556 MPS s/n: 12F102764 Turbidity Meter: HACH 2100Q s/n: 1210002134

To access .gip file, select main menu, file, view file, .gip, 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 (gip file)	DO (mg/L)	TEMP (°C)	DO%	SATURATION (mg/L) (from chart)	PASS/FAIL +/- 0.3 mg/L	INITIALS
08/11/14	1018	0.99827	8.09	26.17	100.4	8.084	Pass	BM
08/11/14	1021		8.21	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 (gip file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
08/11/14	0728	1409	10984	5/9/15	1413	0.96705	4.83575		
ICV	1003	1413	10984	9/5/16	1417			Pass	BM
CCV	0749	1413	10984	5/15/19	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
08/11/14	09:20	7.00	2405440	Apr-16	-26.0	7.00	-16.9	0.7		
CAL	09:54	4.00	240701	Feb-16	154.0	4.00	154.7	-0.7		
CAL	09:56	10.00	3061213	05/30/14	189.0	10.01	-1.3	-140.3		
ICV	09:59	7.00	2405440	Apr-16		7.03			Pass	BM
CCV	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 (gip file)	PASS/FAIL +/- 10 mV	INITIALS
08/11/14	1005	26.53	228.4	6758	09/10	228.4	13.34315		
ICV	1008	26.63	228.4	6758	09/10	228.7		Pass	BM
CCV	0751	27.04	228.4	6758	09/10	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
08/11/14	1011	400	A4091	July-15	14.5		
ICV	1016	10	A4091	July-15	10.4	Pass	BM
CCV	0755	10	A4104	July-15	10.6	Pass	BM

CALIBRATION LOG

DATE: 8/13/14 YSI 556 MPS s/n: 12F102264 SITE NAME & LOCATION: RUFF Moultrie, Georgia JOB #: 17806691.0000
 Turbidity Meter: HACH 2100Q s/n: 1211002154

To access .gip file, select main menu, file, view file, .gip, 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 (gip 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	100.7	8.340	Pass	Bm
CCV	8/13/14 1323		6.39	24.45	100.2	6.356	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 (gip file)	CELL CONSTANT	PASS/FAIL +/- 5%	INITIALS
		1409							
CAL									
ICV	8/13/14 0506	1413	10984	5/5/15	1430			Pass	Bm
CCV	8/13/14 1317	1413	10984	7/7/15	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
		7.00								
CAL										
CAL		4.00								
CAL		10.00								
ICV	8/13/14 0604	7.00	2405440	Apr 16		7.01			Pass	Bm
CCV	8/13/14 1313	7.00	2405440	Apr 16		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 OFFSET (gip file)	PASS/FAIL +/- 10 mV	INITIALS
CAL									
ICV	8/13/14 0810	25.21	2310	6758	09/12	228.3		Pass	Bm
CCV	8/13/14	26.14	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 1221	10	A4104	July-15	10.2	Pass	

FFF

Moultre



Rite in the Rain

ALL-WEATHER

**LEVEL
FIELD BOOK**

Nº 310

Book 5

82

8/4/14

PCS FFF Moultrie

1013 T. Campbell, D. Hilton, and B. McKee on site. 82°F, cloudy. 50% chance of rain. no wind. Will go meet Coary at Griffin to acquire gate key.

1020 Hold tailgate safety meetings.

Signed JHS. HS 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

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

RWT P5s 13.99

OWT P5s 13.80

MW-TP5I ~~8.05~~ 16.46

MW-TP6s 11.22

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PCS FFF Moultrie

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

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PCS FFF - Moultrie
8/4/14

Well ID
 MW-325 R Gw Depth 5.80
 MW-321 9.90
 MW-215 3.24
~~MW-125 R~~
~~MW-125 R~~
 1511 Completed measuring water depths.
 1530 URS off site. Headed to Colquitt
 county library for historical property
 ownership information

8/4/14


(85)

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. Signal
 JSAs, ~~MS~~ H+S concerns
 include, slips, trips falls, biohazards
 heat, tool usage, keeloz, 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 @ S' ~~etc.~~

0850 Begin purge @ 0.08 gpm
 0909 Tubing moved down to 6' to follow
 water

0920 Tubing moved to 8.0' bwc.

Time	DTW	pH	Temp	Cond	DO	Turb.
0947	8.58	6.15	29.01	5345	1.04	124.8
0950	8.58	6.19	28.91	5348	1.08	121.8
0953	8.58	6.19	28.82	5349	1.07	121.4

0955 sample collected for MW-4S ✓
 0959 Began cleanup on MW-4S
 Total depth = 11.65' bwc.

8/5/14


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PCS - FFF Monitor

8/5/14

1005 Began setup on MW-18S
Static DTW = 0.6' bwc. Tubing @ 3'

1012 Began purge @ 0.12 gpm

Time DTW pH Temp Cond. DO ORP Turb

1102 2.20 4.97 23.45 532 0.18 105.7 0.62

1105 2.20 4.97 23.76 532 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' bwc

1123 Began setup on MW-19S

Static DTW = 4.56' Tubing @ 7' bwc

1133 Purging started @ 0.10 gpm

Time DTW pH Temp Cond. DO ORP Turb

1213 8.10 7.81 24.60 2538 0.22 162.9 0.55

1216 8.10 7.81 24.62 2573 0.22 162.6 0.61

1219 8.10 7.80 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' bwc

1315 Purge started @ 1.0 gpm

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PCS - FFF Monitor

8/5/14

Time DTW pH Temp Cond. DO ORP Turb

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' bwc

1438 Began setup on MW-22S

Static DTW = 4.44' Tubing @ 6.5' bwc

1450 Purge started @ 0.11 gpm

Time DTW pH Temp Cond. DO ORP Turb

1543 9.60 5.33 24.66 175 2.15 111.7 3.05

1546 9.60 5.39 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' bwc

1602 Began setup on MW-44S

Static DTW = 8.05' Tubing @ 10.0' bwc

1614 Purge started @ 0.08 gpm

Time DTW pH Temp Cond. DO ORP Turb

1746 14.11 6.01 23.24 794 0.16 48.8 2.26

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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PCS FFF Moultrie

8/6/14

T. Campbell on site w/ P. Hilton and B. Moore. Began verification on PSI and Turbidity meter. Conduct tailgate safety meeting. Signed ISAs. H+S concerns include slips, trips, falls, traffic, tool usage, splash, heat, biohazards. Began setup on MW-20S. Static DTW = 2.65. Tubing @ 4.5' ^{low}

0650

Purge started @ 0.12 gpm.

Time	DTW ^{at} pH	Temp	Cond ^{µS/cm}	DO ^{mg/L}	ORP ^{mV}	Turb ^{NTU}
0822	5.07	6.43	355	0.44	-53.0	4.17
0825	5.07	6.43	355	0.44	-52.9	3.87
0828	5.07	6.43	355	0.42	-52.7	3.90

0830 Collected sample for MW-20S ✓

0834 Began cleanup on MW-20S. Total depth = 14.76' ^{low}

0839 Began setup on MW-26S. Static DTW = 10.48' Tubing at 12.5'

0850 Purge started @ 0.10 gpm.

Time	DTW ^{at} pH	Temp	Cond ^{µS/cm}	DO ^{mg/L}	ORP ^{mV}	Turb ^{NTU}
0936	11.05	4.59	88	2.19	366.6	0.64
0939	11.05	4.59	87	2.20	366.2	0.60
0942	11.05	4.59	98	2.19	367.0	0.70

0944 sample collected for MW-26S ✓

PCS FFF Moultrie

8/5/14

1800 Began cleanup at MW-44S
Total Depth =
1810 T. Campbell off site

8/5/14

AM

PCS FFF Monitor

8/6/14

PCS FFF Monitor

8/6/14

(90)

0949 Began cleanup on MW-26S.
Total Depth = 19.61' btoe

1008 Began setup on MW-46S.
Static DTW = 5.51. Tubing @ 7.5' btoe

1018 Purge started @ 0.10 gpm

Time	DTW	pH	Temp	Cond.	DO	ORP	Turb.
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 ~~MW-26S~~ MW-46S.

Total Depth = 14.60' btoe

1120 T. Campbell, J.D. Hilton off site to Colguit 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	pH	Temp	Cond.	DO	ORP	Turb.
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

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1431 Sample collected for MW-23S ✓
1436 cleaned up at MW-23S.

Total depth = 32.33' btoe

1445 T. Campbell and B. McKee off site to visit Colguit 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' btoe.

Time	DTW	pH	Temp	Cond.	DO	ORP	Turb.
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' btoe.

1731 URS off site.

8/6/14

T. Campbell

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RCS PFF Moultrie

8/7/14

0652 T. Campbell on site. 76°F clear,
no wind. Chance of rain = 30%.
Conduct safety meeting signed SAS.
H+S concerns same as yesterday.

0708 collect EQ-3.

0718 Began setup on MW-255.

Static DTW = 8.31'. Tubing @ 10' brace.

0732 Purge started @ 0.10 gpm

~~0732~~

Time DTW pH Temp Cond. DO ORP Turb. ✓

0806 10.26 5.38 24.72 147 1.54 58.3 1.17

0807 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-255 ✓

0820 cleaned up at MW-255.

Total depth = 14.17' brace.

0830 Began setup on MW-TP2S.

Static DTW = 7.40. Tubing @ 9.0' brace.

0838 Purge started at 0.14 gpm.

Time DTW pH Temp Cond. DO ORP Turb. ✓

0924 11.37 5.31 28.38 334 0.35 95.7 8.08

0927 11.37 5.35 28.46 334 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-TP28 ✓

RCS PFF Moultrie

8/7/14

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0941 Began cleanup on MW-TP2S.

Total depth = 19.82' brace

0958 Began setup on MW-33S.

Static DTW = 8.62'. Tubing @ 10.5' brace.

1010 Purge started @ 0.12 gpm

Time DTW pH Temp Cond. DO ORP Turb. ✓

1126 9.11 5.64 21.58 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' brace.

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' brace.

1340 Purge started @ 0.14 gpm

Time DTW pH Temp Cond. DO ORP Turb. ✓

1428 18.80 5.50 22.37 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

8/7/14

Sample collected for MW-475

Began cleaning at MW-475.

Total depth = 31.67' bwc

* 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".

Began setup on MW-345.

Static DTW = 3.20. Tubing @ 5' bwc

1515 Purge started @ 0.10 gpm.

* Set up on MW-34 I also.

Static DTW = 5.60. Tubing @ 40' bwc.

1520 Purge started at 0.08 gpm

8/2/14
Tr. Cull

(95)

PCS FFF Moultrie

8/7/14

* Parameters for MW-34 I

Time DTW pH Temp Cond. DO ORP Turb. Jach.

1550 7.21 5.98 26.65 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-34 I ✓

* Filtered sample collected for MW-34 I

→ Parameters for MW-348.

Time DTW pH Temp Cond DO ORP Turb.

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-348 ✓

1633 cleaned up at MW-348.

Total depth = 14.42' bwc

1645 Began purging waste water

from poly-tank waste water

using to store ^{to} purge water

into 55-gallon drums using

URS submersible pump

1740 URS off site.

8/7/14

Tr. Cull

PCS FFF Monitor
 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, tractor, tool usage, splash, pinch points.

0758 Begin setup on MW-433.
 Static DTW: 5.47, Tubing @ 7' bwc.

0810 Purge started @ 0.10 gpm.
 Time DTW pH Temp Cond. DO^{sat} ORP Turb.
 0910 7.58 5.77 26.04 1370 0.22 838 2.75
 0913 7.58 5.77 26.05 1370 0.21 831 0.65
 0916 7.53 5.77 26.06 1370 0.21 83.1 0.71

[0918] Sample collected for MW-433 ✓
 0924 began cleanup at MW-433.
 Total Depth = 17.70' bwc.

0938 Begin setup on FFW-3-R.
 Static DTW = 7.17, Tubing @ 9.0' bwc.

0949 Purge started @ 0.12 gpm.
 Time DTW pH Temp Cond. DO^{sat} ORP Turb.
 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 FFW-3-R ✓
 1042 began cleanup on FFW-3-R
 Total Depth = 18.07' bwc

PCS FFF Monitor
 8/8/14

1104 Began setup on MW-TP48.
 Static DTW = 15.02, Tubing @ 17'.

1116 Purge started @ 0.12 gpm.
 Time DTW pH Temp Cond. DO^{sat} ORP Turb.
 1154 15.26 4.76 22.18 116 332 251.5 2.21
 1157 15.26 4.75 22.13 115 334 251.1 2.02
 1200 15.26 4.75 22.15 116 329 250.1 1.90

[1202] Sample collected for MW-TP48 ✓
 1206 cleaned up at MW-TP48.
 Total depth = 24.60' bwc.

1310 URS cleaned site, relinquished samples to D. Hilton.
 1330 URS off site.

8/8/14
 T. Calk

(98)

PCS FFF Moultrie

2/11/14

0838 T. Campbell (ORS) on site. 78°F, cloudy, fog, no wind. Chance of rain = 70%.
Begin calibrations on YSI and Turbidity meters.

Conducted Taiygate meeting. A+S concerns include slips, trips, falls, tool usage, traffic, weather, biohazards, heat, pinch points. Signed JSA's

0930 set up on MW-TP55.

Static DTW = 13.25'. Tubing @ 15' bwc.

0944 Purge started @ 0.09 gpm.

0945 also setup on MW-TP51.

Static DTW = 15.60'. Tubing @ 47.5'.

0951 Purge started @ 0.10 gpm.

Time DTW pH Temp Cond DO ORP Turb. MW-TP51

1013 18:40 5.15 24.46 54 174 149.5 26.6

1018 18:40 5.95 24.80 54 175 149.1 27.7

1023 18:40 5.95 24.52 54 176 150.4 30.2

1025 sample collected for MW-TP51 ✓

Filtered sample collected for MW-TP51

1030 cleaned up at MW-TP51.

Total Depth = 52.61' bwc

2/11/14

T. Campbell

M

PCS FFF Moultrie

8/11/14

Parameters for MW-TP58
Time DTW pH Temp Cond DO ORP Turb. MW-TP58
1047 16:41 3.28 24.18 20611 0.37 382.1 0.42
1050 16:41 3.23 24.20 20610 0.39 380.1 0.71
1053 16:41 3.23 24.24 20608 0.40 377.2 0.51

1055 sample collected for MW-TP58 ✓

DUP-4 Collected.

1057 Began cleanup at MW-TP58.

Total Depth = 24.66' 24.90' in

1107 Began setup on MW-245.

Static DTW = 13.61'. Tubing @ 15.0' bwc.

1114 Purge started @ 0.14 gpm.

Time DTW pH Temp Cond DO ORP Turb. MW-245

1214 13:36 4.70 23.17 87 3.39 209.5 0.69

1217 13:36 4.70 23.24 86 3.42 209.3 0.70

1220 13:36 4.70 23.14 85 3.45 209.3 0.42

1222 sample collected for MW-245 ✓

1228 Began cleanup at MW-245.

Total Depth = 29.60' bwc

1238 T. Campbell off site for lunch.

1305 T. Campbell back on site.

1325 Began setup on MW-118.

MW-118 was purged dry by

D. Hilton on 8/9/14. Well will be

gauged for water and readings will

(99)

(100)

PCS FFF Moultrie
8/11/14

be collected in YSI cup.
Time DTW pH Temp Cond DO^{sat} ORP Turb^{NTU}
1340 7.43 0.62 24.90 1275 1.65 -940 42.2

sample collected for MW-11S ✓
Filtered sample collected for MW-1S
Cleaned up at MW-11S

Total Depth = 14.10' broc.
1408 Setup on MW-35S.
Static DTW = 11.72. Tubing @ 13.5' broc.

1416 Purge started @ 0.09 gpm.
Time DTW pH Temp Cond DO^{sat} ORP 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

sample collected for MW-35S ✓
1538 Cleaned up @ MW-35S.
Total depth = 24.58' broc

1600 Began setup on FFFit 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 (5.448) before
taking readings.

8/11/14
T. Allen

PCS FFF Moultrie
8/11/14

Time DTW pH Temp Cond DO^{sat} ORP Turb^{NTU}
1742 5.55 22.32 2660 0.24 110.0 47.0
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

sample collected for FFFW-4-R
Filtered sample collected for FFFW-4-R ✓
1807 Cleaned up at FFFW-4-R.

Total Depth = 17.70' broc
1830 T. Campbell off site

~~Tr. Allen
8/11/14~~

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PCS FFF Molecular

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, bags, strike, heat, weather, traffic, noise. Signed JSA's and began verifications of YST and Turbidity meters.

0745 Began setup on MW-40s.
Static DTW: 8.88' Tubing @ 10.5' ⁱⁿ

0752 Purge started @ 0.11 gpm.
Purge slowed to 0.10 gpm for water stabilization.

Turbidity read > 10 mra after 3 well volumes. Will continue to purge up to 5 well volumes for turbidity.

Time	DTW	pH	Temp	Cond	DO	ORP	Turb
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	2.07	170.3	25.8

1132 sample collected for MW-40s ✓

* Filtered sample collected for MW-40s.
cleaned up at MW-40s.

Total Depth = 34.52' base.

1200 T. Campbell off site for lunch and gas.

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8/12/14

1240 T. Campbell back on site.

1258 Began setup on MW-29s.
Static DTW: 11.80' Tubing @ 13.0'

1307 Purge started @ 0.14 gpm.
Purge slowed to 0.12 gpm for water stabilization.

Time	DTW	pH	Temp	Cond	DO	ORP	Turb
1418	12.20	3.85	26.49	1550	0.18	235.1	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' base

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' ⁱⁿ

1538 Purge started @ 0.10 gpm

Time	DTW	pH	Temp	Cond	DO	ORP	Turb
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

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PCS FFF Moultrie

8/12/14

Sample collected for ~~FFFW-1-R~~ FFFW-1-R

Cleaned up at FFFW-1-R

Total Depth = 15.90' btec.

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.

8/12/14

[Handwritten signature]

(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 11:55. Concerns include

slips, trips, falls, tool usage,

traffic, heat weather, bugs,

smokes, pinch points. Signed

~~for~~ SSAs and began YSI

and turbidity meter verifications.

0754 Began setup on ~~at~~ MW-TP1I.

Stetz DTW. 11:70. Tubing @ 45.5' m

0802 ~~start~~ purge started at 0.08 gpm.

Time	DTW	pit	Temp.	Conduct.	DO	ORP	Turb.
0809	12.20	6.26	21.20	51	5.83	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' btec.

0830 Began setup on MW-TP1S.

Stetz DTW. 12.20. Tubing @ 14.0' btec.

0836 Purge started at 0.08 gpm.

[Handwritten signature]
8/13/14

100

PCS FFF Aboultic
8/13/14

Time	DTH	pH	Temp	Conduct	DO	OPP	Turb
0923	13.30	4.54	24.33	245	2.33	247.7	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-TPIS ✓

0936 cleaned up at mw-TPIS.

Total Depth = 19.99' bwc

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



Rite in the Rain[®]

ALL-WEATHER

LEVEL

FIELD BOOK

№ 310

Book 6

POS-FFF Monotone
G10 Sample

POS-FFF Monotone	G10 Sample
URS (T. Campbell, B. McKee, D. Holtan)	
Review H&S, ISA & scope of work (see Box 5 for details) & check in	
w/ guffran & gays	
Begin rendering wells	
office for lunch	
onsite	
Begin collecting water into	
well #4	DTW
id	4.14oz
MW-1SR	7.07
MW-1IR	8.00
MW-2S	5.09
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
MW-7SR	8.12
MW-8I	12.30
MW-9SR	6.32
MW-10I	7.09
MW-10SR	7.29
MW-11S	7.03

flush
flush
stop

flush

44

PCS-PFF Monetrie	08.04.14	GW Sample
Well	DTW	
<u>Id</u>	<u>ft/btc</u>	<u>Notes</u>
MW-13SR	5.19	
MW-21SR	6.44	
MW-36S	5.94	
MW-37S	5.85	
MW-38S	7.97	
MW-39S	6.12	flush
OW-35-1	9.05	
OW-35-2	6.91	
GW-35	11.71	4"
MW-48S	12.83	
MW-29C	11.48	
MW-30S	12.63	
MW-28S	12.14	
MW-35S	11.49	
MW-13J	14.89	
MW-31S	11.55	
MW-15S	9.53	
MW-7I	9.58	
MW-12J	10.46	
MW-12S	10.47	
1511	Water level gauging complete	
1530	URS off site - head to library for research	

8/24/14
Hulten

45

PCS-PFF Monetrie	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 Pome leaved YSI 556 MPS # 11E101622, Pine leaved turbidity meter # Hoch 2100Q # 13550 C025380, Pine leaved water level meter # Solinst 101 # 901817 222483, Pome leaved peristaltic pump # PE1 rented peristaltic pump; tubing size 1/4" id LDPE # Secon tubing All parameters verified MW-9SR DTW = 6.34' btc; Begin pump up at 0.10 gpm with tubing at 10.5' btc, 2" stick up; screen 4-15' top; 3WR, 3mwi, mv = 11.68 1.768 -4	
0822		
0921		
Time Temp	Sp Cond DO pH ORP Turb DTW	
EST	us/cm mg/L SU mV NTU ft/btc	
1013	23.76 1168 0.33 5.09 168.1 0.21 7.01	
1021	23.69 1170 0.28 5.09 158.8 0.166 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 0.88 7.03	
1081	collected (MW-9SR) for well specific Metals (6020A), No color, No odor TD = 16.70' btc; Total purged = 6.0 gal	

1081 collected (MW-9SR) for well specific

Metals (6020A), No color, No odor
TD = 16.70' btc; Total purged = 6.0 gal

PCS-PPF Monetone	08.05.14	GW Sample
1311	MW-2I DTW = 6.90' btoz ; Begin punging at 0.10gpm with tubing at 32.5' btoz ; 2" flush, screen = 30-35' ; ms, EV, 5 ; EV = 0.267 gal	
	Time Temp SpCond DO pH ORP Turb DTW	
EST	us/cm mag/l SU mV NTU	
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' btoz ; purged 1.08 gal parameter for MW-2S	
	Time Temp SpCond DO pH ORP Turb DTW	
EST	us/cm mag/l SU mV NTU	
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' btoz ; total purged 5.9 gal	
1431	MW-6SR DTW = 7.06' btoz ; Begin punging at 0.10gpm with tubing n 9.08' btoz 2" stick up, screen = 4-14" ; Top, 3mV, 3 ; WV = 1.1104 gal	

PCS-PPF Monetone	08.05.14	GW Sampling
1104	MW-3I DTW = 13.55' btoz ; Begin punging at 0.10gpm with tubing in 41.5 screen ; 2" stick up screen = 39-44 screen, EV 5 min ; EV = 0.28 gal	
	Time Temp SpCond DO pH ORP Turb DTW	
EST	us/cm mag/l SU mV NTU	
1129	28.12 162 0.73 4.83 61.0 0.51 13.59	
1134	27.90 162 0.79 4.82 51.6 0.46 13.60	
1139	27.99 162 0.86 4.81 44.1 0.44 13.60	
1144	collected [MW-3I] for well specific metals (6020A) ; No Color, No Odor TD = 44.90' btoz ; well is now a stick up previous was a flush ; screen = 35-40' bts	
1150	MW-3S DTW = 12.10' btoz ; Begin punging at pump rate min. = 0.10gpm	
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' btoz ; Begin punging at 0.10gpm with tubing n 7' btoz ; 2" flush, 4-14 = screen Top (4-14) th, 3mV, 3 ; WV = 1.4 gal	

48

PCS-PPE
Monotonic

08.05.14 T

610
Sample

1437 MW-8I DTW = 12.35 btoz; Begin
 purging at 0.06 gpm with tubing at
 34.5' btoz; 2" stickup, screens = 30-35'
 MS, EV, 5; EV = 0.267 gal

Time	Temp	Sp Cond	DO	pH	ORP	Turb	DTW
EST	°C	µS/cm	mg/L	SU	mV	NTU	ft/btoz
1452	26.27	219	0.61	4.38	135.6	1.70	12.42
1457	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	Temp	Sp Cond	DO	pH	ORP	Turb	DTW
EST	°C	µS/cm	mg/L	SU	mV	NTU	ft/btoz
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' btoz; purged
 4.14 gal.

49

PCS-PPE
Monotonic

08.05.14

610
Sample

1615 MW-37 S DTW = 5.90' btoz; Begin
 purging at 0.12 gpm with tubing
 w 7' btoz; 2" stickup screens = 64 ft
 top, 3MV, 3; MV = 2.1024 gal

Time	Temp	Sp Cond	DO	pH	ORP	Turb	DTW
EST	°C	µS/cm	mg/L	SU	mV	NTU	ft/btoz
1710	24.38	971	0.14	6.76	152.3	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
 Begin verification

1745 All parameters verified except
 DO. (Should be 7.30 mg/L was
 6.29 mg/L). Do recalculated
 & verified

~~Shulston
 08.05.14~~

PCS-PPF Monitrie	08.06.14	GW Sample	SI
Time Temp SpCond DO		pH ORP Turb DTW	
EST	US/cm	SU MV NTU	ft/btc
0855	361 0.96	6.46 20.5 0.83	9.41
0858	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 = 14.50' btc, gals purged = 4.80		
0934	collected EQ-1	for metals (6020A)	
	used VRS DI water		
0950 ^{dh}	MW-39S DTW = 6.01' btc, Begin purging		
	at 0.10 gpm with tubing w 8' btc,		
	2" flush, screen = 6-16' ; top, 3MV 3		
	UV = 1.5984		
0954	MW-6I DTW = 6.19' ; Begin purging		
	at 0.10 gpm with tubing at 30.5' btc		
	2" flush, screen = 28-33' MS, EV, 5		
	EV = 0.254 gal		
time-temp SpCond DO		pH ORP Turb DTW	
EST	US/cm	SU MV NTU	ft/btc
1009	188 0.51	4.70 191.9 2.12	6.39
1014	190 0.28	4.70 196.0 1.78	6.39
1019	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 2.5 gal		

PCS-PPF Monitrie	08.06.14	GW Sample	SI
0700	VRS onsite ; Review HFS, SSA, scope		
0715	Not enough water in MW-3S to collect sample		
0738	MW-1SR DTW = 7.14' btc ; Begin purging at 0.06 gpm with tubing w 9' btc ; 2" stickup screen 2-12'		
	top, 3MV, 3' UV = 1.2044		
0750	MW-1I-R DTW = 8.07 gpbtc ; Begin purging at 0.10 gpm with tubing in screen (w 35') ; 2" stickup, screen = 32.72-37.22' btc ; 3' MS, EV, 5		
	EV = 0.267 gal		
Time Temp SpCond DO		pH ORP Turb DTW	
EST	US/cm	SU MV NTU	ft/btc
0810	140 0.58 4.72 240.1 1.27		8.29
0815	140 0.52 4.68 240.3 0.91		8.29
0820	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 btc		
	total purged = 3.0 gal		
parameters for MW-1S-R			
Time Temp SpCond DO		pH ORP Turb DTW	
EST	US/cm	SU MV NTU	ft/btc
0846	358 1.40 6.50 24.4 0.97		9.38
0849	362 1.24 6.49 25.5 0.73		9.39
0852	362 1.00 6.48 24.9 0.66		9.39

52

PCS-PPF
Moultrie

08.06.14

610
Sample

parameters for MW-395

Time Temp Spcond DO pH ORP Turb DTW
 EST μ S/cm mg/L SU mV NTU ft/bz

1035 25.44 318 0.22 4.15 219.4 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-395 for well specific metals (6020A); slight chemical odor, No color, TD = 15.45' btoz

gallons purged = 5.1

URS off site for lunch & reward

URS on site

1300

1317 MW-365 DTW = 6.02' btoz; Begin purging at 0.125 gpm with tubing 6.8' btoz, 2" shock up Screen = 4-14 bks (6.58-16.58 ft btoz), top 3mv 3

WV = 1.68916

Time Temp Spcond DO pH ORP Turb DTW
 EST μ S/cm mg/L SU mV NTU ft/bz

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-365 + DUP-5 for well specific metals (6020A), No color, No odor, TD = 16.55 ft btoz

gallons purged = 6.25

53

PCS-PPF
Moultrie

08.06.14

610
Sample

1500 MW-135-R DTW = 5.74' btoz; Begin purging at 0.12 gpm with tubing at 7.5' btoz, 2" shock up screen = 7-17' btoz; top 3mv 3

WV = 1.8112 gallons

Time Temp Spcond DO pH ORP Turb DTW
 EST μ S/cm mg/L SU mV NTU ft/bz

1546 23.15 640 0.19 5.63 38.5 8.10 16.82

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-135-R for well specific metals, No color, No odor, TD = 16.85' btoz

gallons purged = 6.24

1611 MW-275-R DTW = 6.48' btoz; Begin purging at 0.10 gpm with tubing at 8' btoz, 2" shock up, screen = 46.95-16.95' btoz; top 3mv 3

WV = 1.6922 gal

Time Temp Spcond DO pH ORP Turb DTW
 EST μ S/cm mg/L SU mV NTU ft/bz

1702 25.15 804 0.19 6.34 -92.7 1.38 7.03

1703 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 6.95 6.35 -64.6 1.21 7.03

1714 24.04 783 0.42 6.36 -75.9 1.08 7.03

*rain at 1708

54

PCS-PFF
Monetric

08.06.14

610
Sample

Time Temp SpCond DO pH ORP Turb DTW
EST μ S/cm mg/L SU MV NTU f/ftoz

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-21S-R] for well specific

Metals, No Color, No Odor
TD = 17.00' btoz, total purged = 6.9 gal

1905 All parameters verified

+1809
dh

URS off-site

~~adulter~~

PCS-PFF
Monetric

55

08.07.14

610
Sample

URS on site, Review H&S, SSA,
Scurie

MW-7S-R DTW = 8.24' btoz, Begin
punging at 0.03 gpm with tubing
w/ 10' btoz; 2" stickup screen = 7-17' btoz

Top, 3wv, 3', wv = 1.40916
Water very cloudy

Time Temp SpCond DO pH ORP Turb DTW
EST μ S/cm mg/L SU MV NTU f/ftoz

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' btoz total purged = 4.53 gal

1032 MW-10S-R DTW = 7.40', Begin purging
at 0.0 gpm with tubing w/ 9' btoz

2" stickup, Screen = 6.84' btoz
Top, 3wv, 3', wv = 1.5104 gal

1038 MW-10I DTW = 7.20' btoz, Begin
punging at 0.0 gpm with tubing

w/ 37.5' btoz; 2" stickup, Screen =
37.73-42.73' btoz; MS EV5

EV = 0.28 gal/oz

56

Time Temp	Spcond	DO	pH	orp	Turb	DTW		
EST °C	µS/cm	mg/L	SU	mV	NTU	ft/ft		
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 (6000A) No Color, No Odor, TD = 41.95' btor, total purged = 1.86 gal parameters for MW-10S-R

Time Temp	Spcond	DO	pH	orp	Turb	DTW		
EST °C	µS/cm	mg/L	SU	mV	NTU	ft/ft		
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 = 16.57' btor total purged 3.96 gallons

1310 offsite for photo recon
 1415 MW-5S-R DTW = 6.72' btor, Pregni pumping at 0.000 gpm with tubing 9' btor, 2" stickup, Screen = 6.74 - 10.74' btor; top, 3mV 3; wv = 1.6032 gal

57

Time Temp	Spcond	DO	pH	orp	Turb	DTW	
EST °C	µS/cm	mg/L	SU	mV	NTU	ft/ft	
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 (6000A); No Color, No Odor, TD = 16.48' btor, gallons purged = 5.70

1732 All parameters verified on 8/5/14 #Hach

1800 URS offsite

Shelton
 08.07.14

59

PS-FFF
Monotonic

08.08.14

510
Sample

1059 MW-11S purged dry
parameters for MW-3S

1127 Temp SpCond DO pH ORP Turb DTW
 µS/cm mg/L SU mV NTU f/ftoz

33.57 4104 2.12 3.24 398.3 0.95 17.46

1135 collected MW-3S ADUP-3 for well
 ✓ Specific Metals, NoColor, NoOdor
 TD = 19.10' btoz; turbidity reading
 after samples = 0.78 NTU

1230 All parameters verified

1330 VP's off site - secure & clean

alshelton
08.08.14

PS-FFF
Monotonic

08.08.14

510
Sample

0730 URS onsite; Review HAS, JSA, scope

0758 MW-38S DTW = 8.20' btoz; begin
 purging at 0.10 gpm with tubing at
 10' btoz; 2" stick, screen = 9.11-19.11 ftoz
 top3wv3; WV = 1745 gal

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

0911 25.50 174 4.01 589 19.9 7.12 10.07

0917 24.95 174 1.06 586 -24.0 3.68 10.07

0923 25.13 174 0.87 581 -14.4 3.84 10.07

0926 25.37 174 0.84 581 -16.8 3.78 10.08

0929 25.50 177 0.80 582 -17.8 3.34 10.09

0935 25.34 177 0.85 582 -11.0 3.09 10.09

10949 collected MW-38S for well-specific
 metals (600A), NoColor, NoOdor, TD = 19.04'
 btoz, vel purged = 6.98 gallons

1007 MW-11S DTW = 7.21' btoz; begin purging
 at 0.10 gpm with tubing 19' btoz,
 2" stick up, screen = 4.70-14.70' btoz,
 top3wv3; WV = 1,198.4

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

1020 turned pump down to 0.03 gpm to stabilize
 water level
 water level continues to drop turned
 pump up to dry well DTW = 11.35';
 turbidity high

1055

FFF Moultrie



Rite in the Rain[®]
ALL-WEATHER

**LEVEL
FIELD BOOK**

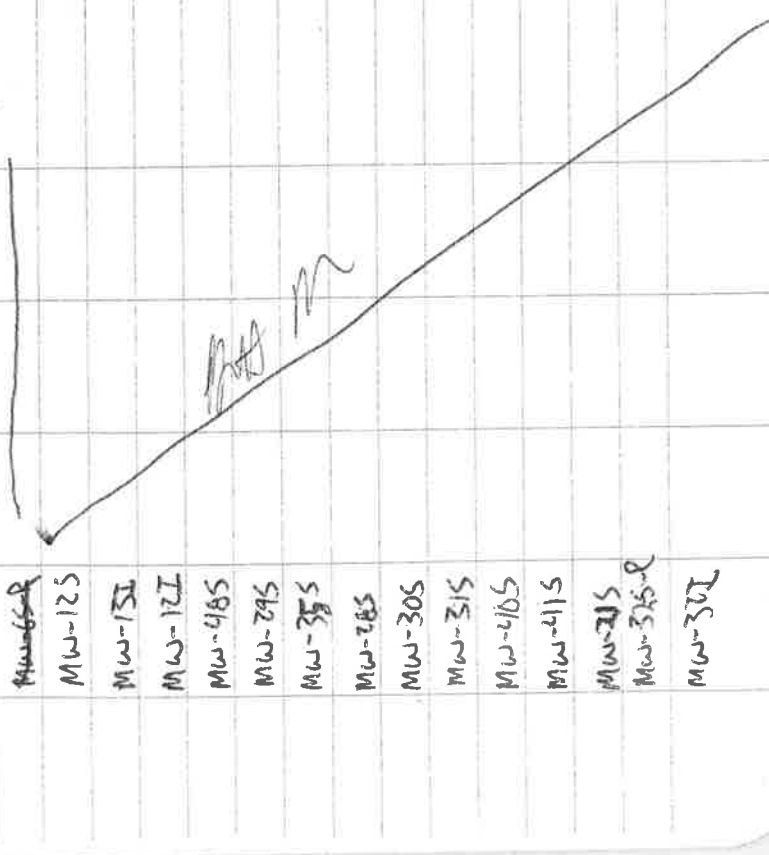
Nº 310

Book 7

①

08/4/14 FFF Monitor

~~0813~~ URS
 1013 URS (T. Campbell, B. Moore) +
 D. Hilton) onsite. Conduct H+S.
 See Book 5 for H+S and water info.
 Begin venting wells before gauging
 URS onsite for lunch.
 1245 Begin gauging wells. * See Book
 MW-10 DTW 5 for DTW
 MW-7I MW-15S measurements



②

08/5/14 FFF Monitor

0715 URS onsite. Discuss Sampling Plan and Health + Safety. Fg 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 b/s. Tubing placed at 9.5 ft b/s.
 0920 Begin gauging at 0.06 gpm
 1007 Tubing raised to 9.0 ft b/s

Time	DTW	PH	TEMP	Cond	DO	Turb	off	on
1010	7.30	6.75	23.88	3207	0.40	4.36	748	None
1013	7.32	6.74	23.90	3230	0.31	4.01	729	
1016	7.34	6.74	23.81	3252	0.25	3.77	618	↓

1018 Collect well specific gravity 6020A metals from MW-21S

1024 Begin cleaning ground MW-21S
 1037 Take down waste to poly tank.
 1051 Begin setting up at MW-325-R
 Initial site DTW is 5.85 ft b/s.
 Initial tubing placement is 9.0 ft b/s.
 1112 Begin gauging at 0.06 gpm
 1128 Begin tubing up to 8.5 ft b/s

③

08/5/14 FFF Monitor

1153 re-positioned tubing back to 9ft bloc

Time	D/W (ft)	pH	Temp (°C)	Cond (µS/cm)	DO (mg/L)	Turb (NTU)	ORP (mV)	Color
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 intermittently and purge to 5' well volumes. Tubing moved to 10 ft bloc.

Time	D/W	pH	Temp	Cond	DO	Turb	ORP	Color
1229	9.14	6.08	26.87	14242	0.31	8.53	1516	brassy
1231	9.20	6.07	27.02	14086	0.27	8.14	1315	
1235	9.26	6.06	27.32	13907	0.25	7.67	1314	

1238 collect well specific 6020A metals

1241 Sample from MW-325-R. ✓

1250 Begin cleaning around MW-325-R.

1300 Tube DW to poly tank.

1325 B. Miller offsite for lunch

1332 URS Bulk onsite

Begin setting up at MW-32-I.

Initial D/W is 9.95 ft bloc

1344 Begin purging at 0.05 gpm.

tubing placed at 10 ft bloc

④

08/5/14 FFF Monitor

Time	D/W (ft)	pH	Temp (°C)	Cond (µS/cm)	DO (mg/L)	Turb (NTU)	ORP (mV)	Color
1628	10.48	3.63	25.02	3010	-0.33	0.48	337.2	Clear/Slight ↓
1631	10.41	3.62	24.11	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	0.53	0.24	333.2	
1640	10.48	3.63	24.56	2972	0.46	0.16	332.5	
1643	10.48	3.63	24.53	2977	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-13-I.

Initial D/W is 14.74 ft bloc

Initial tubing depth is 17.5

1734 Begin purging at 0.08 gpm

Time	D/W	pH	Temp	Cond	DO	Turb	ORP	Color
1757	18.16	6.84	28.14	116	0.67	0.55	173.1	Clear/Slight ↓
1802	18.34	6.90	25.61	120	0.50	0.54	164.6	
1807	18.46	6.87	29.62	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-13-I ✓

1821 Begin cleaning around MW-13-I

1830 URS offsite

⑤

08/06/14

FFF Monitor

0700 URS (D. Ilthon, T. Campbell, + B. McLe)
Discuss Health + Safety. HTS
info in Basal 5.

0709 Begin setting up at MW-495.

Initial DTW is 4.48 ft bblc
Initial tubing placed at 28 ft
bblc.

0736 Begin Purging at 0.06 gpm

0755 ~~but~~ Purge water is a cloudy
white and the water column
is dropping relatively fast. This
well has a history of purging
dry at burst pump setting.

1126 Tubing repositioned to 27 ft
bblc.

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	251.1
1143	26.96	4.79	27.33	32	3.20	115	248.6

1144 Turbidity is very high.
Check turbidity periodically, and attempt
to purge 5 well volumes before
collecting ~~disposal~~ Filled Sample.
tubing repositioned to 31 ft
bblc.

1401

⑥

08/06/14

FFF Monitor

Time	DTW	Temp	Cond	DO	Turb	ORP	Color	pH
1417	30.54	28.79	51	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-495 ✓

1429 Collect filtered Sample from

MW-495 (MW-495 Dissolved)

1432 Begin cleaning around MW-495.

1445 Break piece and T. Campbell

*4 offsite to the Mackie-Coynt

County library for research on

Surrounding Property ownership +

land use. Photos will be

taken from city directories from

1940s to ~~1970~~ 1993.

1610 B. McLe + T. Campbell well

onsite to Sample MW-TPSS.

For Purging + Sampling info,

See Basal B.

1731 URS offsite



⑦

08/07/14 FFF Monitor

0650 S. Miller onsite. Discuss H+S.

0704 Begin collecting EQ-2

0718 Set up at MW-415.

Initial DTW is 4.12

Initial tubing placement 6 ft bblc

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 Collected well specific metals 6020A Sample from MW-415 ✓

0926 Begin cleaning around MW-415.

0931 Take Percival waste to drums.

0945 Begin setting up at MW-125 + MW-125.

DTW at MW-125 is 10.55 ft bblc

Initial tubing depth is 15 ft bblc

DTW at MW-125 is 10.54

Initial tubing placement is 35 ft bblc

1019 Begin purging at MW-125 at 0.08 gpm

1045 Begin purging at MW-125 at 0.06 gpm.

⑧

08/07/14 FFF Monitor

1100 Begin taking readings at MW-125

Time	DTW	pH	Temp	Cond	DO	Turb	ORP	Color
1100	10.61	4.11	24.10	453	0.26	8.29	2786	clear
1105	↓	4.14	24.32	432	0.21	4.93	2780	↓
1110	↓	4.14	24.31	431	0.20	4.38	277.6	↓
1115	↓	4.15	24.32	431	0.17	3.47	278.4	↓

1118 Collected well specific metals 6020A from MW-125 ✓

1123 Begin cleaning around MW-125

and hook up YSI to MW-125

1133 Tubing move tubing at MW-125 up to 14 ft bblc.

Time	DTW	pH	Temp	Cond	DO	Turb	ORP	Color
1147	12.04	3.27	24.45	9805	1.60	2.74	3890	clear/light
1150	12.10	↓	23.52	9718	1.19	1.43	3914	↓
1153	12.12	↓	23.69	9676	0.81	1.26	394.5	↓
1156	12.13	↓	23.70	9674	0.80	1.25	395.6	↓
1159	12.13	↓	23.65	9673	0.62	0.94	395.3	↓

1159 Begin taking metals 6020A Sample well specific from MW-125. ✓

1201 Collect PUF-6

1205 Begin cleaning around MW-125.

1225 Take Percival waste to drums.

1235 Offsite for lunch

8

8/7/14 FFF Monitor

1300 B. Miller, T. Campbell, + D. Hillman
offsite to investigate surrounding
properties.

1330 Back onsite + begin setting up at
MW-15S. Initial DTW is 9.64 ft bblc

Time	DTW	pH	Temp	Cond	DO	Turb	ORP	Color	Lab
1540	9.89	3.42	22.76	1797	0.09	1.04	370.0	Clear	
1543	↓	3.43	22.80	1492	↓	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 45 ft bblc
Purging initiated at 0.06 gpm

Time	DTW	pH	Temp	Cond	DO	Turb	ORP	Color	Lab
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/Slight	
1700	↓	4.15	22.78	930	0.29	2.58	218.2	↓	

1703 Collect well specific metals 6020A Sample
from MW-7I

9

8/7/14 FFF Monitor

1705 cleaning around MW-7I.

1715 Take purge water to drums
1720 meet with T. Campbell + D. Hillman

by drums and help transfer water
from temporary holding in Poly
tank to 55 gal drums.

1750 UES offsite

~~SPR~~
8/7/14

18

8/18/14 FFF Monitor

1330 UPS outside.

~~scribble~~

8/18/14

10

8/18/14 FFF Monitor

0730 WRS (D. Hillen, T. Campbell, + B. Miller) onsite. Discuss HTR HRS info in box E.

0740 Begin setting up at MW-305. Initial DTW is 11.83

Tubing placed at 14 ft bloc.

0800 Begin purging at 0.05 gpm.

0835 Increase purge rate to 0.075 gpm. tubing repositioned to 15 ft bloc.

total of 175 gallons purged.

1103 total of 12.85 gallons purged, begin tubing readings

Time	DTW	PH	Temp	Concl	DO	Turb	DEP	Color/Lab
1103	13.33	4.05	23.57	495	1.08	0.19	296.9	Clear/H
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 specificity metals sample from MW-305

1116 Begin cleaning around MW-305

1120 take purge water to 55 gallon drums.

1200 Verify equipment

1230 Begin sealing drums and finish emptying purge tank 55 gal drums

8/12/14 FFF ManHtz

0735 URS (B. Miller + T. Campbell) onsite.
 MTS Discussion in Pool 5
 0747 Verify YSE + Turbidity meter.
 0758 Begin Sealing up at MW-315.
 DTW = 11.66 ft bblc
 Turbidity played at 33 ft bblc
 0824 Begin purging at 0.06 gpm
 water appears to be changing from clear to cloudy. turbidity standing at 11.0 NTU. Reduce purge rate to 0.04 gpm a total of 858 gallons purged.
 DTW = 24.33
 1244 turbidity fixed to 28 ft bblc
 Turbidity has continued to increase despite reducing purge rate

Time	DTW	pH	Temp	Cond	DO	Turb	ORP	Color/ft
1253	25.53	4.80	29.70	49	3.16	42.1	319.3	Cloudy/W
1256	25.96	4.76	29.64	50	3.15	43.0	315.9	
1259	25.57	4.75	29.53	50	2.99	316.5	310.6	

1300 unable to bring turbidity under 10 NTU at a low flow rate.
 will need to purge 5 well volume + collect an unfiltered + filtered sample

8/11/14 FFF ManHtz

Time	DTW	pH	Temp	Cond	DO	Turb	ORP	Color/ft
1757	11.99	6.91	26.88	8272	0.07	2.96	-1526	Clear/H
1800		6.92	25.65	8277	0.07	3.83	-1647	
1803		6.92	26.03	8271	0.07	5.37	-1616	
1806		6.92	26.23	8264	0.07	5.14	-153.3	

1808 collect sample from MW-455 ✓
 1811 Begin cleaning around MW-455
 1820 twice purge water to 56 gal drums.
 1825 site secure, URS OFFSITE



10

8/12/14 FFF Monitor

1306 tubing repositioned at 37 ft blue and purge rate increased to 0.06 gpm

14.22 gallons purged

1447 Purge rate increased to 0.07 gpm

20.16 gallons purged

141003 water no longer purging from well. well may have been shallower than previously described

1504 well purged dry, 21.35 gallons purged.

1404 tubing feeder

1509 was inadvertently placed

1409 than 37 ft blue well

1510 clean is 39.94 ft blue well

1440 need to collect a grab sample

1510 why enough water recharges into well.

1440 begin cleaning around MW-315.

1470 1520 Disposal of Purge water at 55 gal drums.

1525 Check in with Gray Time Serv.

1445 to see if someone can open gate in the morning

1537 Begin setting up at MW- FFF-2-I

1437 and FFF-2-E

1537 DTW at FFFW-2-E is 17.80

1437 tubing placed at 19 ft blue.

11

8/12/14 FFF Monitor

1507

1477 Begin purging at 0.09 gpm

1707 Begin setting up at FFFW-2-I

1807 DTW = 10.29 ft blue

1827 Tubing placed at 47 ft blue.

1727 Begin purging FFFW-2-I at 0.08 gpm

Time	DTW	pH	TEMP	Cond	DO	Turb	ORP	Color
1740	8.53	5.18	24.56	315	6.16	2.02	133.1	Clear/M
1745	18.53	5.11	23.91	333	1.53	6.28	145.0	
1750	18.53	5.12	24.16	342	1.37	5.80	147.8	
1755	18.53	5.19	24.02	349	1.35	5.15	140.8	

1857 Collect Sample from FFFW-2-I

1710 Collect readings from FFFW-2-I

Time	DTW	pH	TEMP	Cond	DO	Turb	ORP	Color
1710	17.82	4.09	25.34	2655	0.27	1.51	268.6	Clear
1713	↓	4.07	25.40	2687	0.22	0.776	273	
1716	↓	4.06	25.45	2769	0.21	1.03	238.6	

1721 Begin cleaning around FFFW-2-I

1719 Collect Sample from FFFW-2-I

1721 Begin cleaning around FFFW-2-E and FFF-2-I.

1735 Take Purge water to 55 gal drums.

1740 Close drums and put equipment away

1750 B. Miller offsite. Site secure

8/12/14

16

0730 8/13/14 FFF Monthlie
T. Campbell + B. Miller onsite for groundwater
Sampling. NTS in Box 5
0740 hip tractor set up at his remaining
wells because he was out of
tubing
0150 Begin verifying YSI + Turbidimeter
0200 verification complete. Begin set up
at MW-485.
DHW = 13.13
Tubing OKed at 164 bbl.

0843 Begin purging at 0.10 gpm
0925 Tubing repositioned to 154 bbl.

Time	DHW	pH	TEMP	Cond	DO	Turb	ORP	Color	odor
1005	13.64	3.95	22.60	618	0.09	0.33	553.9	clear	1/5
1008		3.95	22.57	618	0.08	0.63	544.4		
1011		3.95	22.49	620	0.10	0.59	537.7		

1015 collect sample from MW-485
1017 Begin cleaning ground MW-485
1020 Set up at MW-315 for grab sample
DHW = 14.19
tubing at 174 bbl.

Time	DHW	pH	TEMP	Cond	DO	Turb	ORP	Color	odor
1037	15.45	4.49	27.98	42	4.68	18.1	183.6	cloudy	N

1039 collect sample from MW-315
1041 collect dissolved sample from MW-315

17

1045 8/13/14 FFF Monthlie
Begin cleaning around MW-315.
and dispose of purge water
in 55 gal drums 2 drums
remain empty will take them
back to the office. will verify at office
Site Secure, UPS offline

1103

~~Site Secure~~

8/13/14

APPENDIX C

PCS - Environmental Covenant

After Recording Return to:

PCS Joint Venture, Ltd.
c/o Mr. Ross Smith
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 Mr. Ross Smith PCS Administration (USA), Inc. Legal Department 1101 Skokie Blvd, Suite 400 Northbrook, IL 60062
Grantee/Holder:	PCS Joint Venture, Ltd. c/o Mr. Ross Smith 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 PCS JV 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 exercising 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 10; 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. PCS will document in its files, by January 31st for the year just ended, that any soil disturbances below two feet on parcel M033-33 were protective of human health.
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, 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 EPD Interest in Property Created. 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 Mr. Ross Smith
PCS Administration (USA), Inc.
Legal Department
1101 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:

For the Grantor:

Unofficial Witness (*Signature*)

Name of Grantor (*Print*)

Unofficial Witness Name (*Print*)

Grantor's Authorized Representative
(*Signature*) (Seal)

Unofficial Witness Address (*Print*)

Authorized Representative Name (*Print*)

Notary Public (*Signature*)

Title of Authorized Representative (*Print*)

My Commission Expires: _____

Dated: _____
(NOTARY SEAL)

[Signatures Continue on Next Page]

Signed, sealed and delivered in
the presence of:

Unofficial Witness (*Signature*)

Unofficial Witness Name (*Print*)

Unofficial Witness Address (*Print*)

Notary Public (*Signature*)

My Commission Expires: _____

**For the State of Georgia
Environmental Protection Division:**

(*Signature*) (Seal)

Judson H. Turner
Director

Dated: _____
(NOTARY SEAL)

Griffin - Environmental Covenant

After Recording Return to:

PCS Joint Venture, Ltd.
c/o Mr. Ross Smith
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 Mr. Ross Smith PCS Administration (USA), Inc. Legal Department 1101 Skokie Blvd, Suite 400 Northbrook, IL 60062
Grantee/Holder:	PCS Joint Venture, Ltd. c/o Mr. Ross Smith 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 PCS JV 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 exercising 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 10; 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. PCS will document in its files, by January 31st for the year just ended, that any soil disturbances below two feet on parcel M033-33 were protective of human health.
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, 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 EPD Interest in Property Created. 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 Mr. Ross Smith
PCS Administration (USA), Inc.
Legal Department
1101 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:

For the Grantor:

Unofficial Witness (*Signature*)

Name of Grantor (*Print*)

Unofficial Witness Name (*Print*)

Grantor's Authorized Representative
(*Signature*) (Seal)

Unofficial Witness Address (*Print*)

Authorized Representative Name (*Print*)

Notary Public (*Signature*)

Title of Authorized Representative (*Print*)

My Commission Expires: _____

Dated: _____
(NOTARY SEAL)

[Signatures Continue on Next Page]

Signed, sealed and delivered in
the presence of:

Unofficial Witness (*Signature*)

Unofficial Witness Name (*Print*)

Unofficial Witness Address (*Print*)

Notary Public (*Signature*)

My Commission Expires: _____

**For the State of Georgia
Environmental Protection Division:**

(*Signature*) (Seal)

Judson H. Turner
Director

Dated: _____
(NOTARY SEAL)

Burroughs - Environmental Covenant

After Recording Return to:

CROSS-REFERENCE:

Deed Book: Page:

PCS Joint Venture, Ltd.
c/o Mr. Ross Smith
PCS Administration (USA), Inc.
1101 Skokie Blvd, Suite 400
Northbrook, IL 60062

Environmental Covenant

This instrument is an Environmental Covenant executed for the property identified below (hereinafter “the Property”) as part of an environmental response project to address regulated substances released into the environment that have migrated onto the Property in the groundwater. This Environmental Covenant restricts the use of groundwater on the Property to prevent humans from coming into contact with regulated substances.

Fee Owner of Property/Grantor: Ms. Carolyn Burroughs Jones
220 4th Avenue SE
Moultrie, GA 31768

Grantee/Holder: PCS Join Venture, Ltd.
c/o Mr. Ross Smith
PCS Administration (USA), Inc.
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 (hereinafter “EPD”)
2 Martin Luther King Jr. Drive, SE
Suite 1456 East Tower Atlanta,
GA 30334

Property Information:

The property subject to this Environmental Covenant is located in Moultrie, Colquitt County, Georgia and is identified as Parcel M034-003. This tract of land was conveyed on June 11, 1957 from the Evans to Rosa Burroughs in Deed Book 0181, Page 0599, Colquitt County Records. The Property is located in Land Lot 262 of the 8th District of Colquitt County, Georgia. A complete legal description of the Property is attached as Exhibit A.

Tax Parcel Number(s): M034-003, Colquitt County, Georgia

Name and Location of Administrative Record:

The administrative record for the environmental response project is identified as file HSI #10259. This record is available for review at the following location:

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

Declaration of Covenant:

This Declaration of Covenant is made pursuant to the Georgia Uniform Environmental Covenants Act, O.C.G.A. § 44-16-1 *et seq.* by Grantor, Grantee/Holder, EPD, and their respective successors and assigns.

Grantor makes the following declaration as to restrictions 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. 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).

Grantor hereby binds Grantor, its successors and assigns to the following activity and use limitation for the Property identified herein and grants such other rights under this Environmental Covenant in favor of the Grantee/Holder and EPD.

Activity and/or Use Limitation

Groundwater Use Limitation. The use or extraction of groundwater beneath the Property for drinking water or other potable uses shall be prohibited. The use or extraction of groundwater for any other purpose besides site characterization is prohibited unless conducted under a plan approved in writing by EPD.

General Provisions

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 limitation set forth in this Environmental Covenant and shall provide the recorded location of the Environmental Covenant.

Access. Grantor shall provide reasonable access to Grantee/Holder or its assigns as needed in connection with this Environmental Covenant.

Effective Date. 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).

Benefit. This Environmental Covenant shall inure to the benefit of Grantee/Holder, EPD, and their respective successors and assigns and shall be enforceable by the Director or his agents or assigns, Grantee/Holder 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.

Termination or Modification. This Environmental Covenant shall remain in full force and effect in accordance with O.C.G.A. § 44-16-5, unless and until the Director determines that the Property is in compliance with the Type 1 or 2 Risk Reduction Standards, as defined in Section 391-3-19-.07 of the Georgia Rules of Hazardous Site Response, whereupon the Environmental Covenant may be amended or terminated, as appropriate, in accordance with O.C.G.A. § 44-16-1 *et seq.*

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.

Warranty. Grantor hereby represents and warrants to the other signatories hereto 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 and in accordance with O.C.G.A. § 44-16-1 *et seq.*

Grantor has caused this Environmental Covenant to be executed pursuant to The Georgia Uniform Environmental Covenants Act, on the _____ day of __, 20__.

Signed, sealed, and delivered in the presence of:

For Grantor:

Unofficial Witness *(Signature)*

Name of Grantor *(Print)*

Unofficial Witness Name *(Print)*

Authorized Representative *(Signature)*

(Seal)

Unofficial Witness Address *(Print)*

Authorized Representative Name *(Print)*

Notary Public *(Signature)*

Title of Authorized Representative *(Print)*

My Commission Expires:_____

Dated:_____
(NOTARY SEAL)

Signed, sealed, and delivered in the presence of:

For Grantee/Holder:

Unofficial Witness *(Signature)*

Name of Grantee/Holder *(Print)*

Unofficial Witness Name *(Print)*

Authorized Representative *(Signature)*

(Seal)

Authorized Representative Name *(Print)*

Unofficial Witness Address *(Print)*

Title of Authorized Representative *(Print)*

Notary Public *(Signature)*

Dated: _____

Dated: _____

(NOTARY SEAL)

My Commission Expires: _____

Signed, sealed, and delivered in the presence of:

**For the State of Georgia
Environmental Protection Division:**

Unofficial Witness (*Signature*)

Unofficial Witness Name (*Print*)

Unofficial Witness Address (*Print*)

Notary Public (*Signature*)

My Commission Expires:_____

(*Signature*) (Seal)

Judson H. Turner
Director

Dated:_____
(NOTARY SEAL)

Exhibit A
Legal Description

A parcel of land lying and being in the City of Moultrie, Colquitt County, Georgia and bounded as follows: commencing at a point of 50 feet North of Northeast corner of Newton and Spivey Streets same facing Spring Street and running East 150 feet thence 50 feet; thence West 150 feet to Spring Street, thence South to starting point and being a lot 50 by 150 feet, being the same premises conveyed to Ella Evans by deed from William H. Smith dated October 20, 1909 and recorded in Deed Book Y, Page 403, Colquitt County Records and also known as Lot No. 8 in Block No. 21 of the O. H. Larry Survey of the City of Moultrie made in 1930.

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 vicinity 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

Georgia Department of Natural Resources

2 Martin Luther King, Jr. Dr. S.E., Suite 1462 East, Atlanta, Georgia 30334

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

Mark Williams, Commissioner
Environmental Protection Division
Judson H. Turner, Director
Land Protection Branch
Mark Smith, Branch Chief

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: Jeffrey 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?



Visit us at:
www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-2

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)

Case Narrative

Client: URS Corporation
Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-2

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 3.8° 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.

TestAmerica Tallahassee

Client Sample 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
Date Collected: 03/15/13 10:47
Date Received: 03/15/13 16:33

Lab Sample ID: 640-42734-53
Matrix: Solid
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
Date Collected: 03/15/13 10:38
Date Received: 03/15/13 16:33

Lab Sample ID: 640-42734-54
Matrix: Solid
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
Date Collected: 03/15/13 09:40
Date Received: 03/15/13 16:33

Lab Sample ID: 640-42734-55
Matrix: Solid
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

QC Sample Results

Client: URS Corporation
 Project/Site: PCS FFF Moultrie

TestAmerica Job ID: 640-42734-2

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

Date Collected: 03/15/13 10:47

Date Received: 03/15/13 16:33

Lab Sample ID: 640-42734-53

Matrix: Solid

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

Date Collected: 03/15/13 10:38

Date Received: 03/15/13 16:33

Lab Sample ID: 640-42734-54

Matrix: Solid

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

Date Collected: 03/15/13 09:40

Date Received: 03/15/13 16:33

Lab Sample ID: 640-42734-55

Matrix: Solid

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.

TestAmerica Tallahassee

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

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2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

Job # 640-37598-102922
Page 2 of 9

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
 SOW#: S50W#

Analysis Requested
 Date Requested: 3/15/2013
 TAT Requested (days):
 Lab PM: Preston, Tim
 E-Mail: timothy.preston@testamericainc.com
 Carrier Tracking No(s):
 Job # 640-37598-102922
 Page 2 of 9
 Job # 640-42734

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Winwater, Stridol, Owwater, A=Air)	Preservation Code	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Analysis Requested	Total Number of containers	Special Instructions/Note:
MM-8T	3/12/13	1200	G	W						
MM-2S	3/12/13	1238	G	W						
MM-2T	3/12/13	1300	G	W						
MM-7S-R	3/12/13	1320	G	W						
MM-6S-R		1345	G	W						
DUP-1			G	W						
MM-TT		1615	G	W						
MM-II-R		1640	G	W						
MM-1S-R		1657	G	W						
MM-1S-R FILTER		1657	G	W						
MM-3US		1725	G	W						

Possible Hazard Identification
 Non-Hazard
 Flammable
 Skin Irritant
 Poison B
 Unknown
 Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Empty Kit Relinquished by:

Relinquished by: Michael Bopart Date/Time: 3/15/2013 1635 Company: URS

Relinquished by: Date/Time: Company:

Custody Seals Intact: Yes No **Custody Seal No.:**

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/Note:

Relinquished by: Date: 3/7/13 Time: 0928 Method of Shipment: 3/15/13 1635 Company: URS

Received by: Date/Time: 3/15/13 1635 Company: URS

Received by: Date/Time: Company:

Cooler Temperature(s) °C and Other Remarks: 3.5

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Chain of Custody Record

TestAmerica
THE FACTORY OF FORENSIC CHEMISTRY

Client Information
 Client Contact: Mr. John Carey
 Company: URS Corporation
 Address: 1825 Summit Lake Drive Suite 200
 City: Tallahassee
 State, Zip: FL 32317
 Phone: 850-528-1937(Tel) 850-402-6490(Fax)
 Email: john_carey@urscorp.com
 Project Name: PCS FFF Moultrie
 Site: FFF Moultrie, Georgia

Sample: Amelia Bryant Benton-Cove
 Phone: 850 288 6846
 Lab PM: Preston, Tim
 E-Mail: timothy.preston@testamericainc.com

Carrier Tracking No(s):
 COC No: 640-31598-10292.1
 Page: 1 of 9
 Job #: Lab # 4273A

Due Date Requested:
 TAT Requested (days):
 PO #:
 WO #:
 Project #:
 SSOV#:

Analysis Requested

Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A -	6020A - Dissolved	6020 -	7470/6020A
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=solid, O=water/soil)	Preservation Code	Total Number of containers	Special Instructions/Note:
✓ MW-9S-R	3/2/13	1745	G	W			
✓ MW-10T	3/13/13	0957	G	W			
✓ MW-10S-R	3/13/13	1015	G	W			
✓ MW-13S-R	3/13/13	1035	G	W			
✓ MW-13S-R MW-27S-R	3/18/13	1115	G	W			
✓ MW-37S	3/13/13	1100	G	W			
✓ MW-10T	3/13/13	1325	G	W			
✓ MW-39S	3/13/13	1340	G	W			
✓ MW-11S	3/13/13	1405	G	W			
✓ MW-55-R	3/13/13	1423	G	W			
✓ MW-38S	3/13/13	1450	G	W			

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:
 Return To Client Disposal By Lab Archive For _____ Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Empty Kit Relinquished by: AK Date: 3/7/13 Time: 0900 Method of Shipment:

Relinquished by: Amelia Bryant Benton-Cove 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: _____

Custody Seals Intact: Yes No Custody Seal No.: _____ Cooler Temperature(s) °C and Other Remarks: 3-2



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 Tallahassee, FL 32301
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Chain of Custody Record



THE FAVORABLE FREEDOM INFORMATION ACT RESULTS

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
 Project #: 12806184.00000 Vendor No. 1427536
 SSOV#: 64005633

Sample Information
 Sample ID: *Appendix 1 of Bottom Cover*
 Phone: 850.928.6846
 Lab P.M.: Preston, Tim
 E-Mail: timothy.preston@testamericainc.com

Analysis Requested
 Due Date Requested:
 TAT Requested (days):
 PO #: 267418 US
 WQ #:
 12806184.00000 Vendor No. 1427536
 Project #: 64005633
 SSOV#: 64005633

Carrier Tracking (Notes)
 Job #: 640-42784
 Page 3 of 9
 COC No.: 640-37598-10292_3
 Preservation Codes:
 A - HCL
 B - NaOH
 C - Zn Acetate
 D - Nitric Acid
 E - NaHSO4
 F - MeOH
 G - Ammonia
 H - Ascorbic Acid
 I - Ice
 J - DI Water
 K - EDTA
 L - EDTA
 M - Hexane
 N - None
 O - AsH2O2
 P - Na2O4S
 Q - Na2SO3
 R - Na2S2O3
 S - H2SO4
 T - TSP Dodecylhydrate
 U - Acetone
 V - MCAA
 W - Ph 4.5
 Z - other (Specify)

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=water/oil)	Preservation Code	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Analysis Requested	Total Number of containers	Special Instructions/Note
✓ MW-13T	3/13/13	1650	G	W		D	D			
✓ MW-12I	3/13/13	1720	G	W		D	D			
✓ MW-12S	3/13/13	1735	G	W		D	D			
✓ DUP-6	3/13/13		G	W		D	D			
✓ MW-15S	3/13/13	1755	G	W		D	D			
✓ MW-35S	3/13/13	1815	G	W		D	D			
✓ MW-42S	3/14/13	1020	G	W		D	D			
✓ FFFW-3-R	3/14/13	1100	G	W		D	D			
✓ MW-43S	3/14/13	1122	G	W		D	D			
✓ MW-18S	3/14/13	1150	G	W		D	D			
✓ MW-45	3/14/13	1335	G	W		D	D			

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Deliverable Requested: I, II, III, IV, Other (Specify)

Special Instructions/OC Requirements:

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Empty Kit Relinquished by: _____ Date: 3/7/13 Time: 0920 Method of Shipment: _____

Relinquished by: *Michelle Ruff* Date/Time: 3/5/2013 1633 Company: URS Received by: *SOP* Date/Time: 3/5/13 1633 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: 3.5

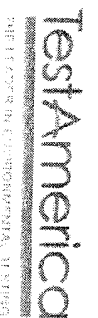




TestAmerica Tallahassee

2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record



THE TESTER IS CERTIFIED/QUALIFIED

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
 SSSON#: 64005633

Sampler: Andrew Bryant & Britta Gray
Phone: 850.228.6846
Job PM: Preston, Tim
E-Mail: timothy.preston@testamericainc.com

Due Date Requested:
TAT Requested (days):

Job #: 640-37598-10292.4
Page: Page 4 of 9
Preservation Codes: 640-42724

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=on-site, A=all)	Field Filtered Sample (Yes or No)	Performance MS/MSD (Yes or No)		Analysis Requested	Total Number of containers	Special Instructions/Note
						6020A -	6020A - Dissolved			
MMW-34T	3/14/13	1538	G	W						
MMW-34S	3/14/13	1550	G	W						
MMW-205	3/14/13	1610	G	W						
MMW-205	3/14/13	1635	G	W						
MMW-195	3/14/13	1655	G	W						
MMW-285 Filter	3/14/13	1835	G	W						
MMW-285	3/14/13	1900	G	W						
MMW-295	3/14/13		G	W						
DUP-2	3/14/13		G	W						
MMW-3T	3/15/13	1025	G	W						
MMW-3S	3/15/13	1115	G	W						

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Deliverable Requested: I, II, III, IV, Other (Specify)

Empty Kit Relinquished by: [Signature] Date: 3/7/13 Time: 8:00

Relinquished by: [Signature] Date/Time: 3/15/2013 1633 Company: URS

Relinquished by: [Signature] Date/Time: 3/15/13 1633 Company: URS

Relinquished by: [Signature] Date/Time: 3/15/13 1633 Company: URS

Custody Seals Intact: A Yes A No

Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 35

Special Instructions/IOC Requirements:

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month):
 Return To Client Disposal By Lab Archive For _____ Months

Method of Shipment:

Received by: [Signature] Date/Time: 3/15/13 1633 Company: URS

Received by: [Signature] Date/Time: 3/15/13 1633 Company: URS

Received by: [Signature] Date/Time: 3/15/13 1633 Company: URS

2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

Client Information
 Client Contact: Mr. John Carey
 Company: URS Corporation
 Address: 1625 Summit Lake Drive Suite 200
 City: Tallahassee
 State/Zip: FL, 32317
 Phone: 850-928-1937 (Tel) 850-402-6490 (Fax)
 Email: john_carey@urscorp.com
 Project Name: PCS FFF Moultrie
 Site: FFF Moultrie Georgia

Sampler: Andrew Bryant / Brent Green
 Phone: 850.228.1084
 E-Mail: timothy.bryant@testamericainc.com

Lab PM: Preston, Tim
 Carrier Tracking No(s):

Analysis Requested
 Job #: 640-42754
 Preservation Codes:
 A - HCL
 B - NaOH
 C - Zn Acetate
 D - Nitric Acid
 E - Nitric Acid
 F - MeOH
 G - Anchor
 H - Ascorbic Acid
 I - Ice
 J - DI Water
 K - EDTA
 L - EDTA
 M - Hexane
 N - None
 O - AsHAO2
 P - Na2CO3
 Q - NaHSO4
 R - Na2S2O3
 S - H2SO4
 T - TSP Dodecylhydrate
 U - Acetone
 V - MCAA
 W - Pin 4.5
 Z - other (Specify)

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=other)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Analysis Requested	Total Number of containers	Special Instructions/Note:
MM-7S-R filter	3/12/13	1320	G	W	X	D	6020A -		
MM-5SR filter	3/13/13	1423	G	W	X	D	6020A - Dissolved		
MM-34I filter	3/14/13	1538	G	W	X	D	6020 - 7470/6020		
MM-30S	3/15/13	1225	G	W	X	D	6020 - Arsenic		
MM-40S	3/15/13	1205	G	W	X	D	6020 - Lead		
MM-48S	3/15/13	1245	G	W	X	D			
DUP-3	3/15/13		G	W	X	D			
DUP-5	3/12/13		G	W	X	D			
SS-21	3/15/13	1047	G	S	X	D			
SS-17	3/15/13	1038	G	S	X	D			
Q-3+30/05 feet		9940	G	S	X	D			

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/OC Requirements:
 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Empty Kit Relinquished by: [Signature] Date: 3/7/13 Time: 0900 Method of Shipment:

Relinquished by: [Signature] Date/Time: 3/15/13 1633 Company: URS Received by: [Signature] Date/Time: 3/15/13 1633 Company: URS

Custody Seals Intact: Yes No **Custody Seal No.:** 33

Cooler Temperature(s) °C and Other Remarks: 33

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	-	Depth to water extrapolated from MW-7S and MW-13S	
	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	-	-		
	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	-	Water level determined from MW-13S	
	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	-	-	-	Sample not analyzed
			10	-	-	-	-	-	-	-	-	-	-	SS-21-R
	8/25/2009	5.7	1 - 2	9.6	-	-	-	-	-	-	-	-	-	10 feet north (SS-21-10FT-N)
				4.6	-	-	-	-	-	-	-	-	-	10 feet east (SS-21-10FT-E)
				0.96	-	-	-	-	-	-	-	-	-	10 feet south (SS-21-10FT-S)
0.71	-	-	-	-	-	-	-	-	-	-	-			
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	Water level determined from MW-7S-R	
	3/15/2013	3.9	5	-	-	-	-	-	3500	-	-	-		
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

A T T A C H M E N T 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 downward warp 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

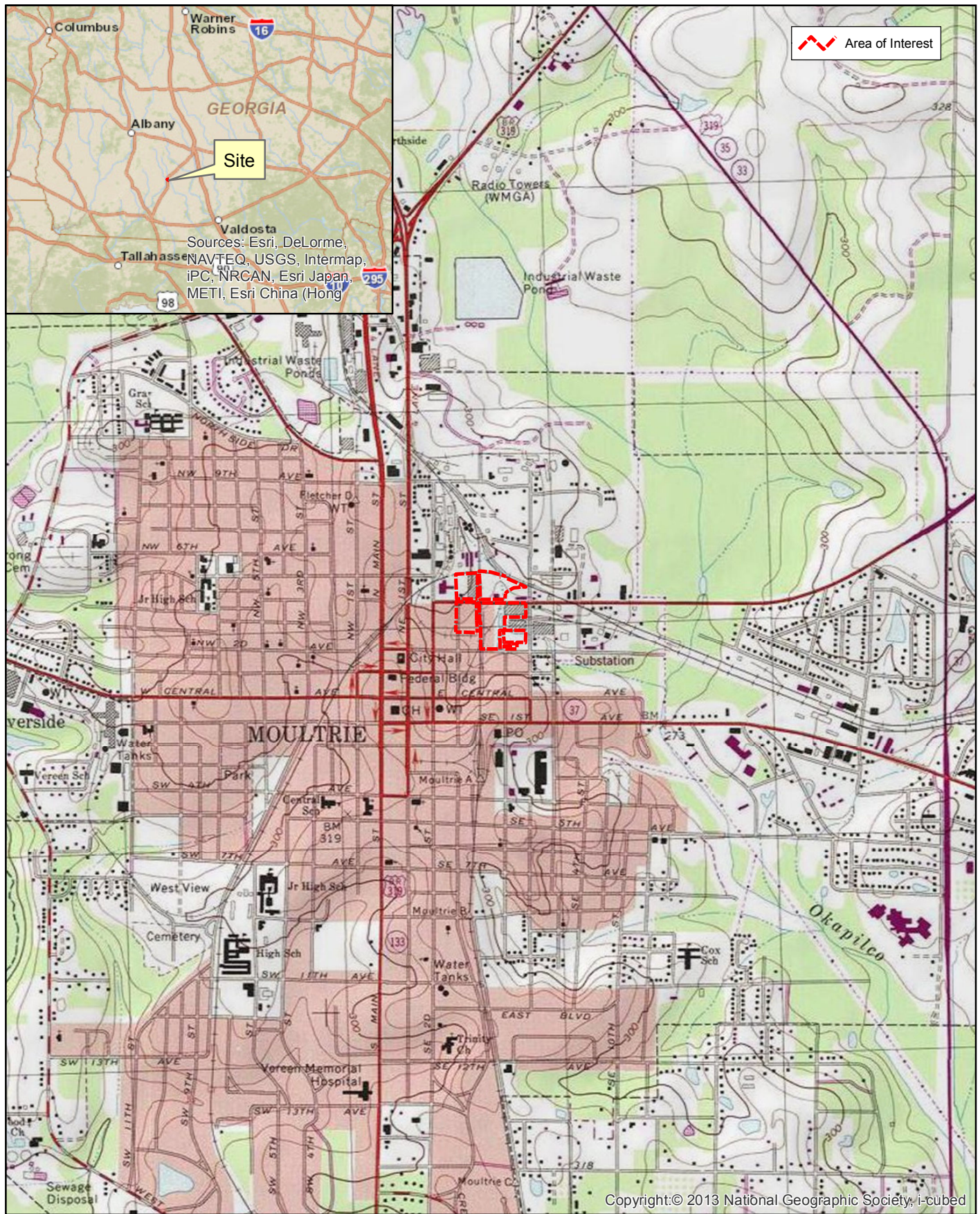
Notes:

MSL = Mean Sea Level

ft als = Feet above land surface

ft bls = Feet below land surface

FIGURES

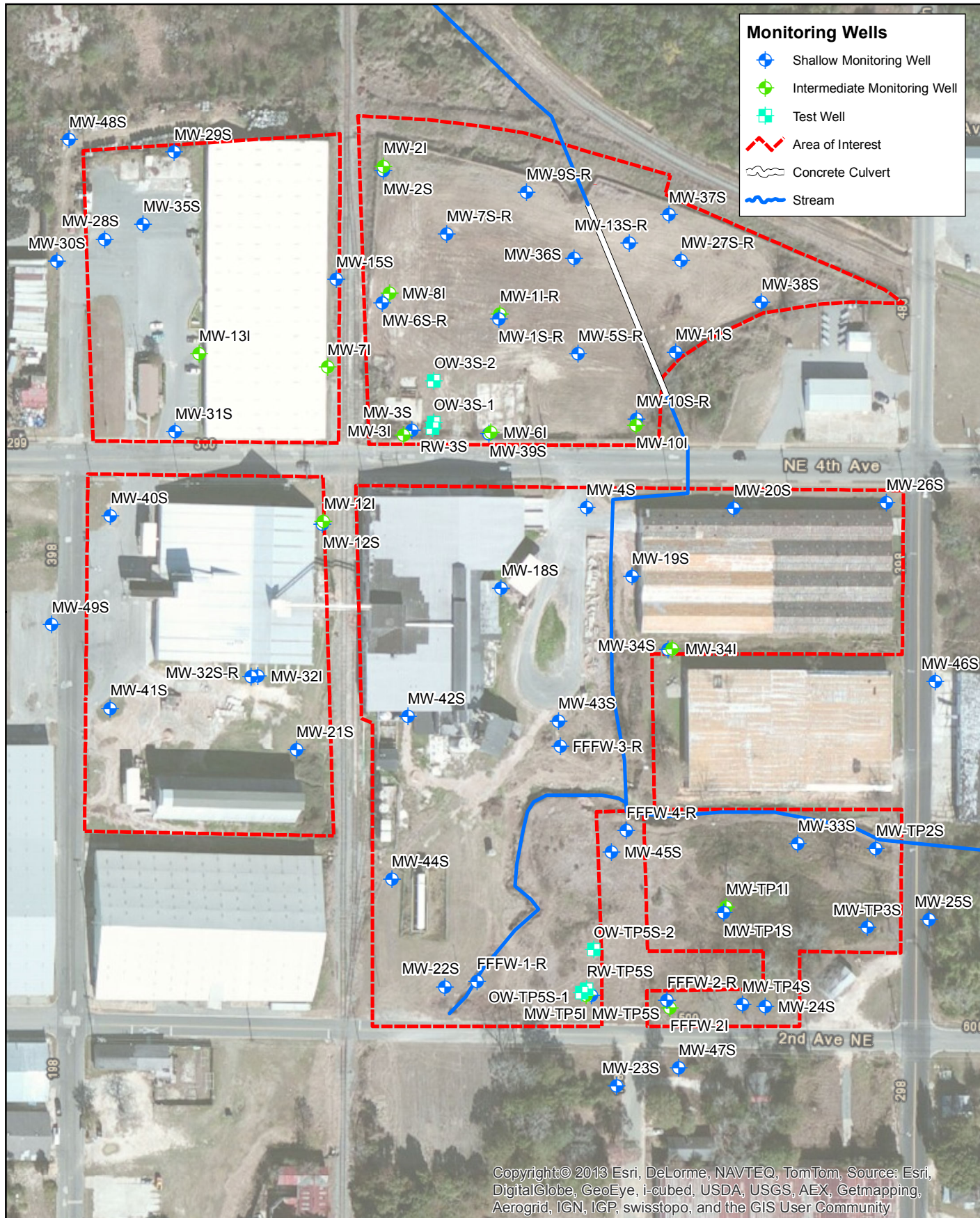


Former Farmers Favorite Fertilizer Site
 Moultrie, Georgia

URS
 Tallahassee
 March 2013

2,000 1,000 0 2,000
 Feet
 Coordinate System: Georgia Stateplane West, NAD 83, Feet

Figure 1
Site Location



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Former
Farmers Favorite
Fertilizer Site

Moultrie, Georgia

URS
Tallahassee

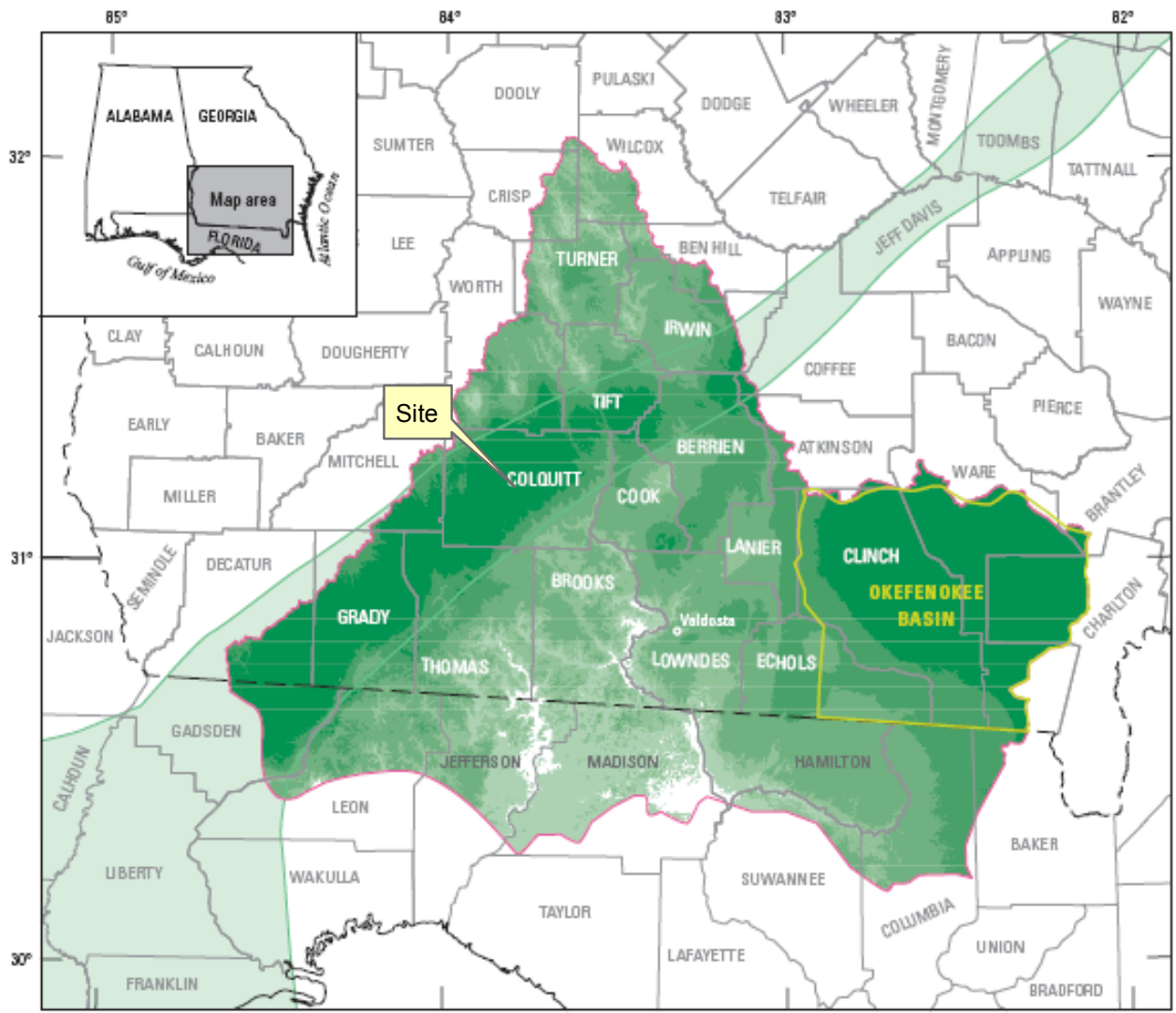
March 2013



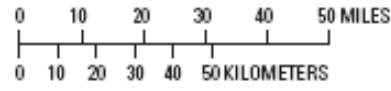
Coordinate System: Georgia Stateplane West, NAD 83, Feet

Figure 2

Monitoring Wells and
Site Layout



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



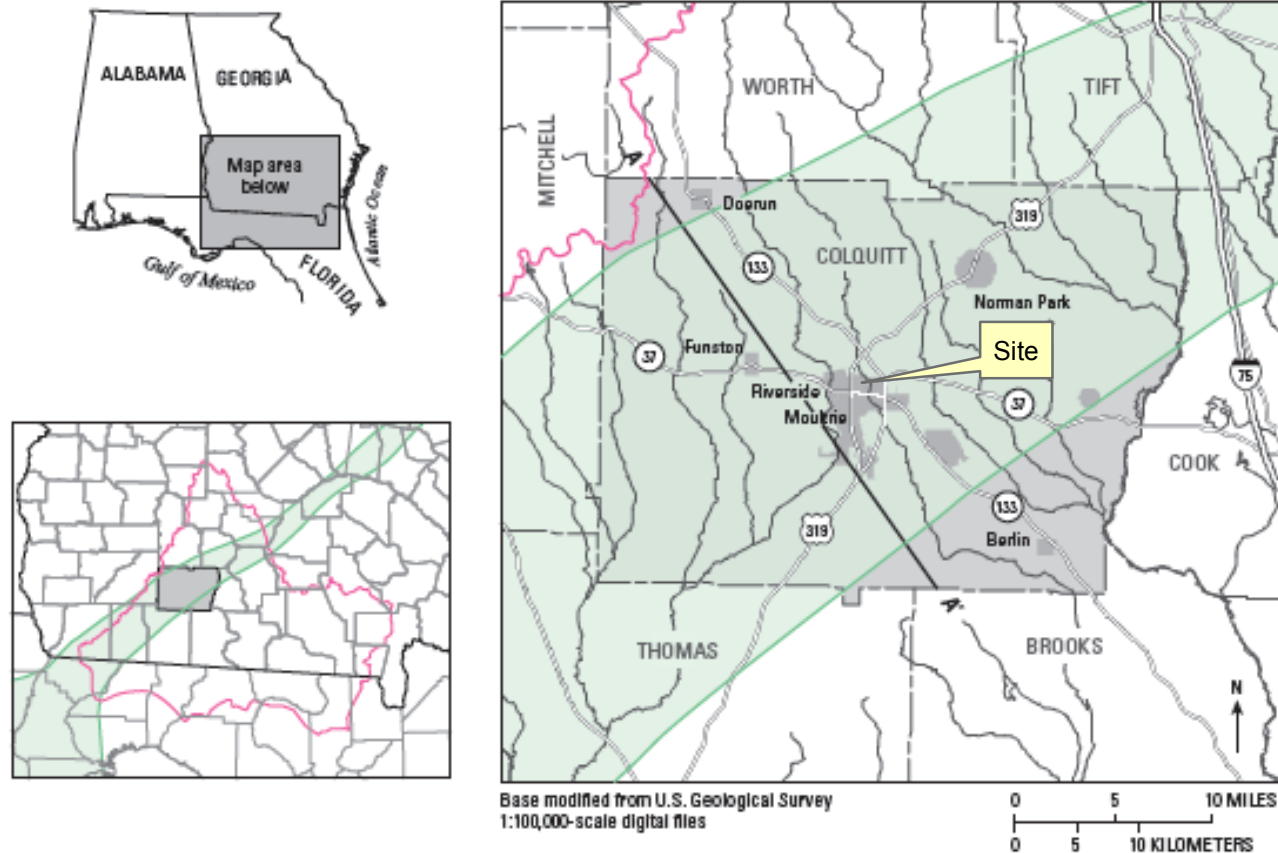
EXPLANATION

Overburden thickness, in feet*	Potential	
	Vertical leakage	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

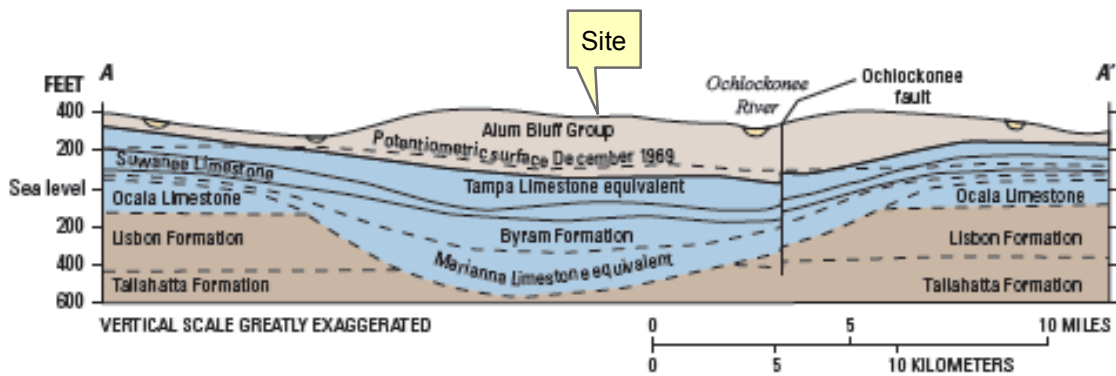
*Contains up to 50 feet of surficial aquifer system overlying upper semiconfining unit
 N/A—Not applicable; direct recharge to Upper Floridan aquifer
 None—No vertical leakage or water exchange

<p>Former Farmers Favorite Fertilizer Site Moultrie, Georgia</p>	 URS Tallahassee March 2013		<p>Figure 3 Thickness of Sediments Overlying the Floridan Aquifer (Torak et al, 2010)</p>
--	--------------------------------------	--	---



EXPLANATION

- | | |
|--|--|
| <p>MAP</p> <ul style="list-style-type: none"> Approximate location of Gulf Trough-Apalachicola Embayment Study area boundary A — A' Line of section | <p>CROSS SECTION</p> <p>Hydrologic unit</p> <ul style="list-style-type: none"> Surficial aquifer system Upper semiconfining unit Upper Floridan aquifer Lower confining unit <p>Geologic contact—
Dashed where inferred</p> |
|--|--|



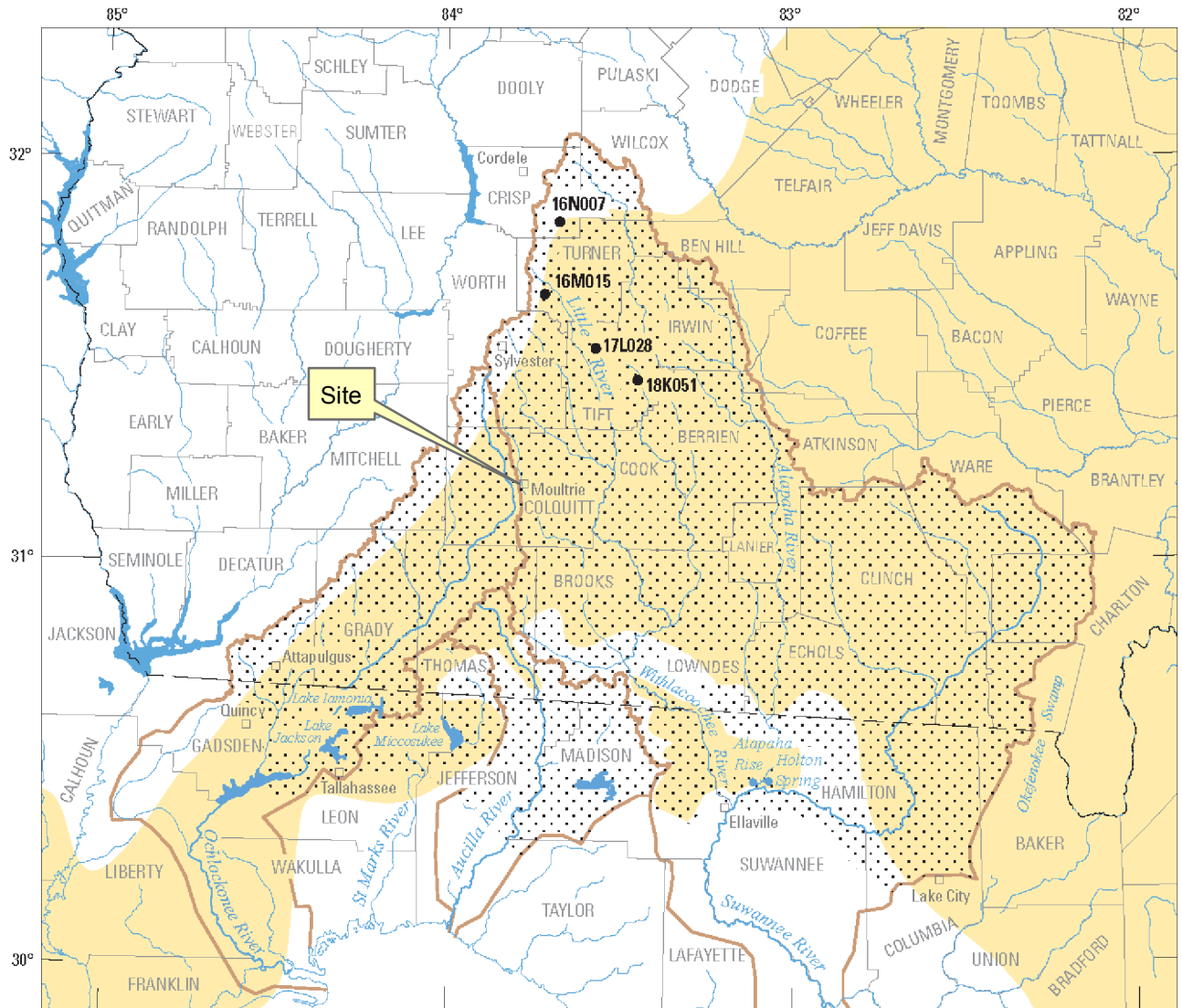
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Fertilizer Site

Moultrie, Georgia

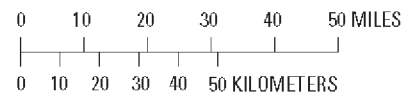
URS
Tallahassee
March 2013



Figure 4
Thickness of Sediments
Overlying the Floridan Aquifer
Colquitt County
(Torak et al, 2010)



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



EXPLANATION

- Surficial aquifer
- Study area
- Basin boundary
- 17L028 Surficial-aquifer well and site name

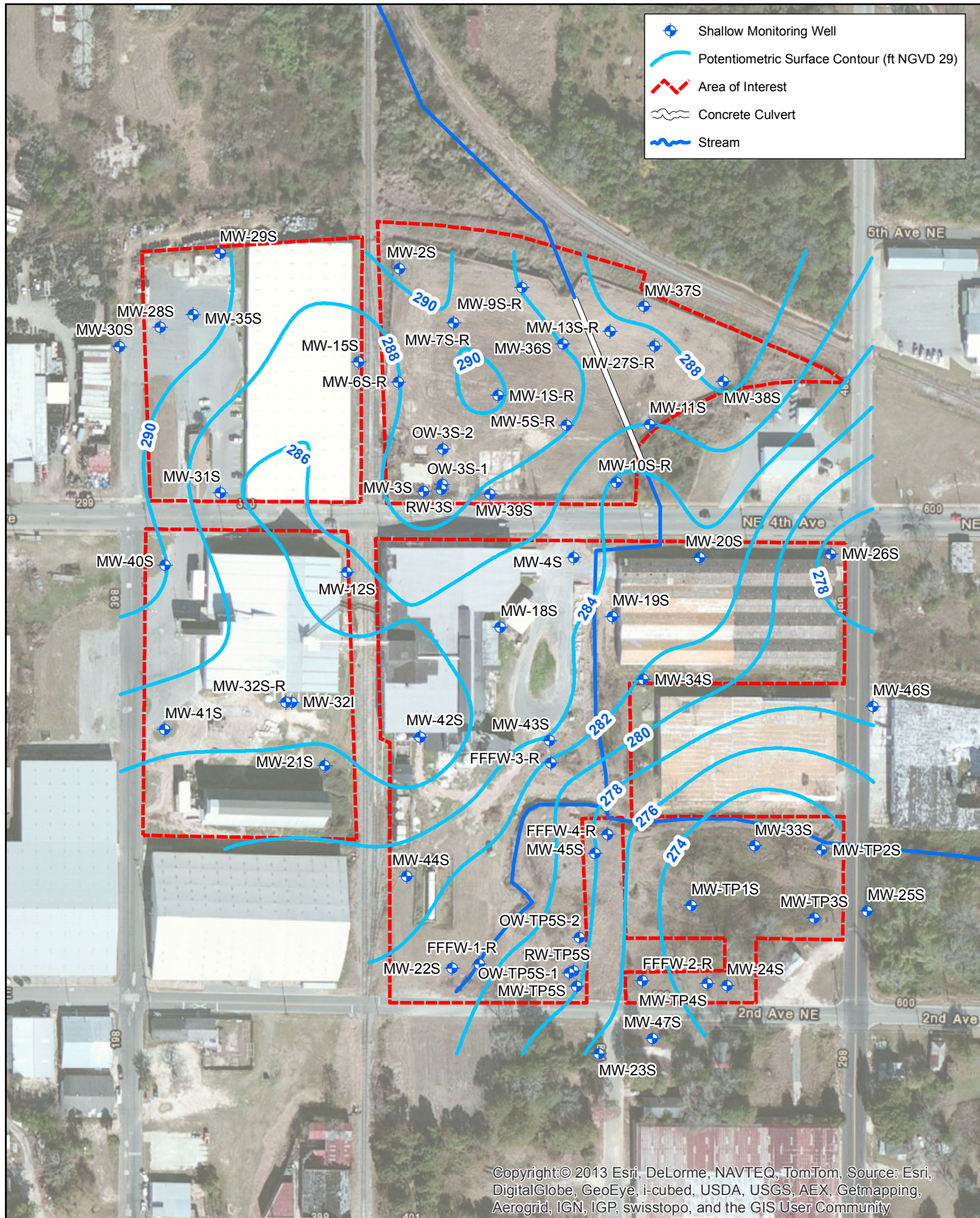
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Figure 5
Extent of
Surficial Aquifer
(Torak et al, 2010)



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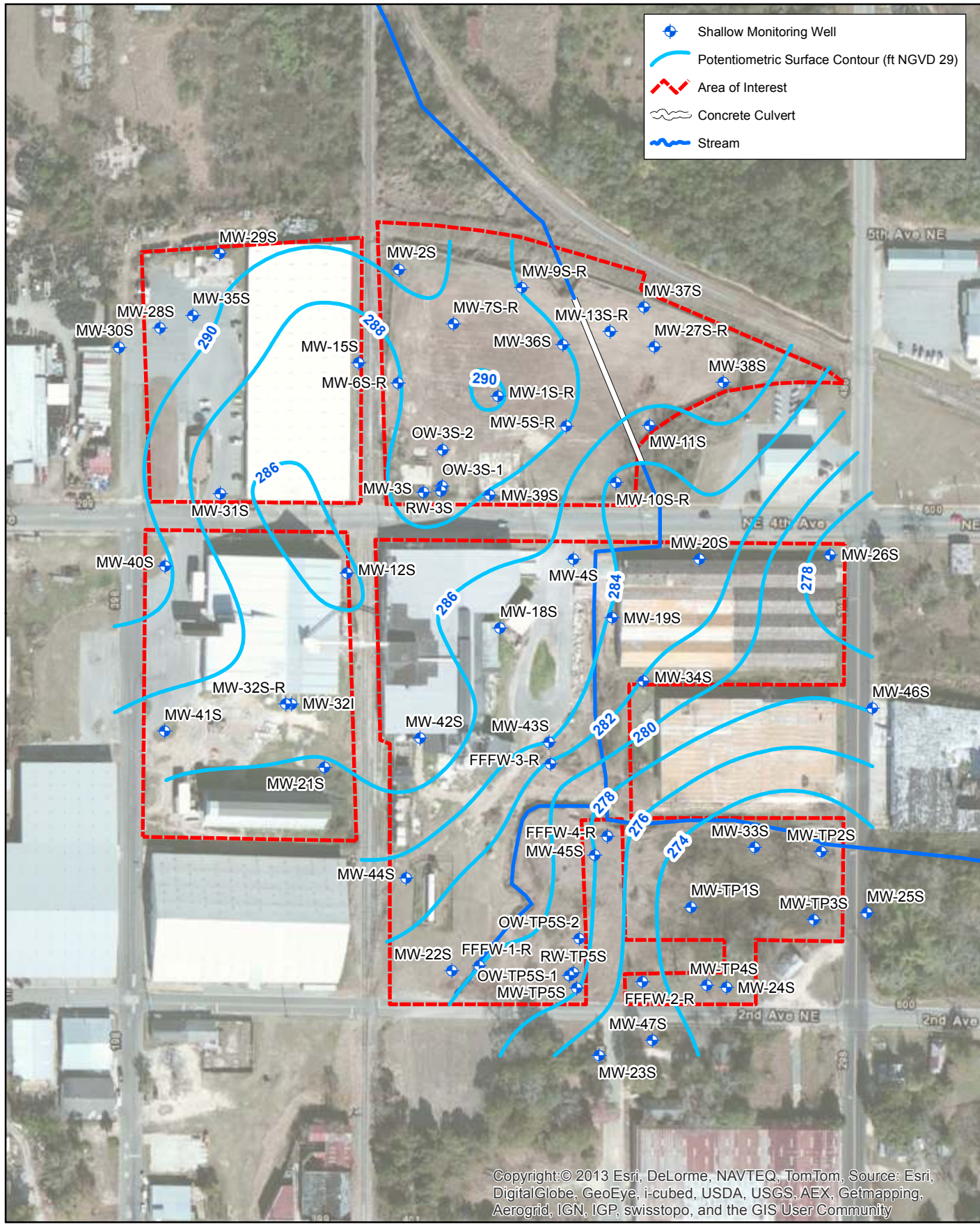
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March 2013



Coordinate System: Georgia Stateplane West, NAD 83, Feet

Figure 7

Potentiometric Surface
Surficial Aquifer
March 2012



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Figure 8

Potentiometric Surface
Surficial Aquifer
August 2012

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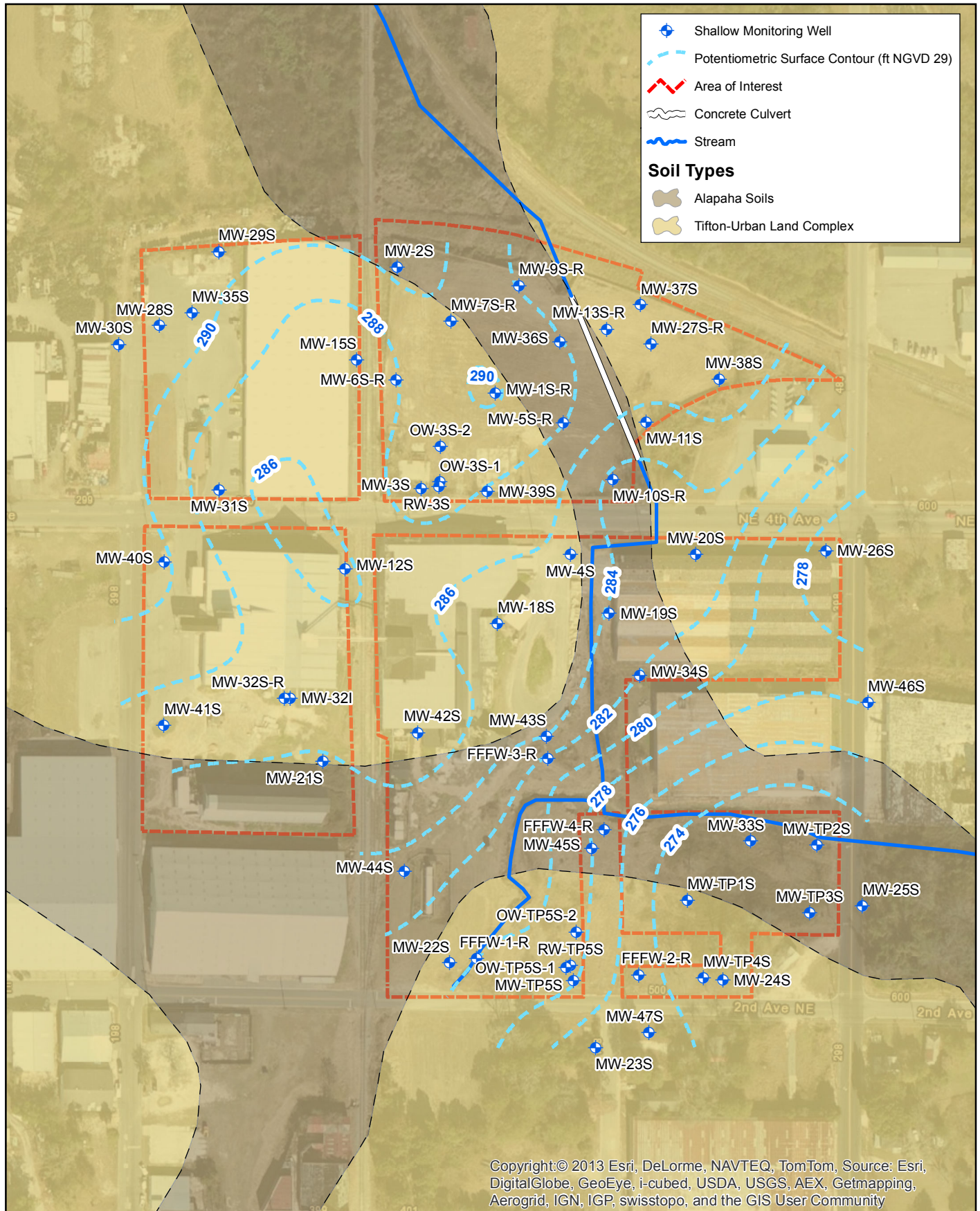
Moultrie, Georgia

URS
Tallahassee

March 2013



Coordinate System: Georgia Stateplane West, NAD 83, Feet



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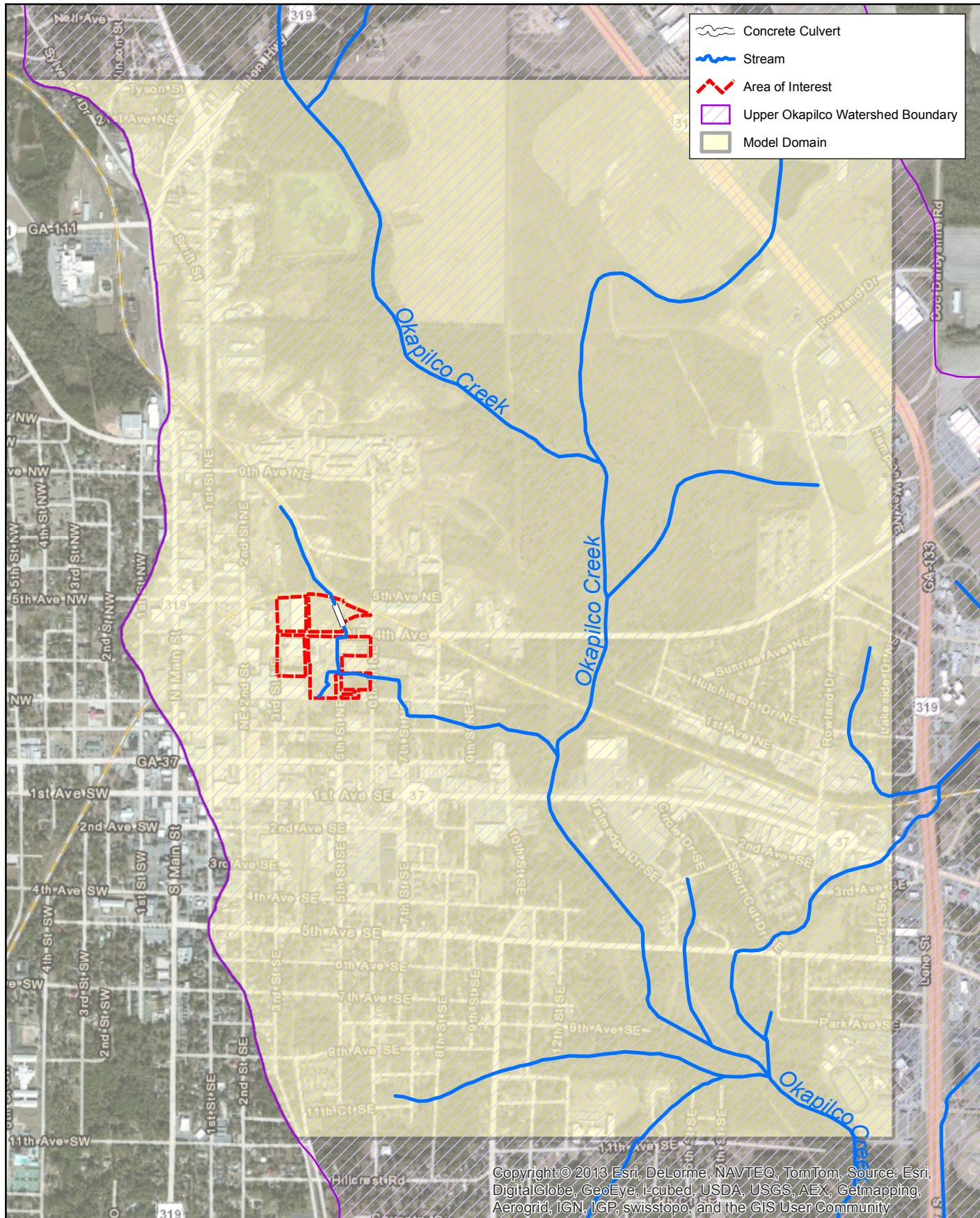
URS
Tallahassee

March 2013



Coordinate System: Georgia Stateplane West, NAD 83, Feet

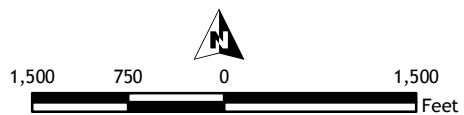
Figure 9
NRCS Soils



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Fertilizer Site

Moultrie, Georgia

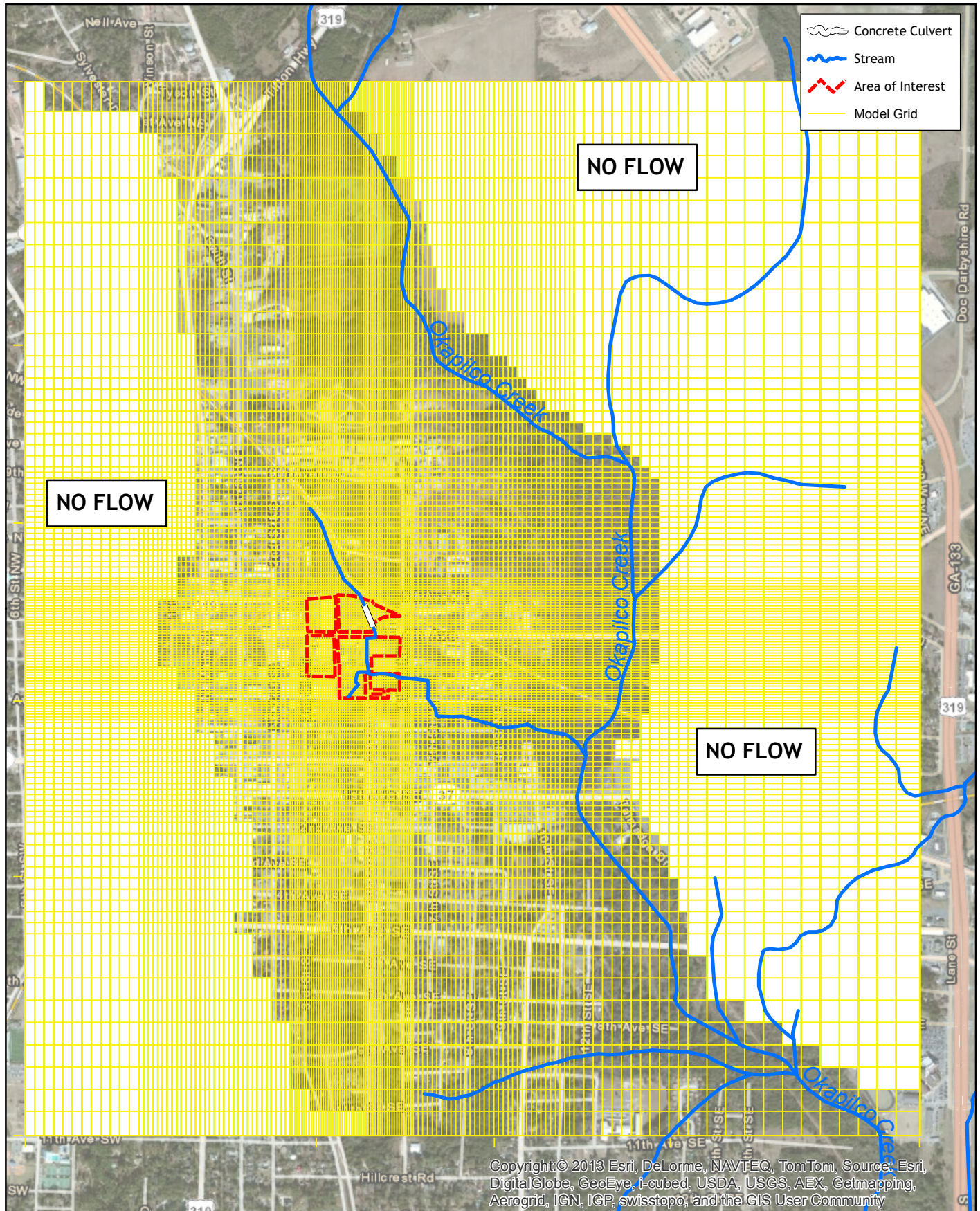
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Coordinate System: Georgia Stateplane West, NAD 83, Feet

Figure 10

Groundwater Model
Domain



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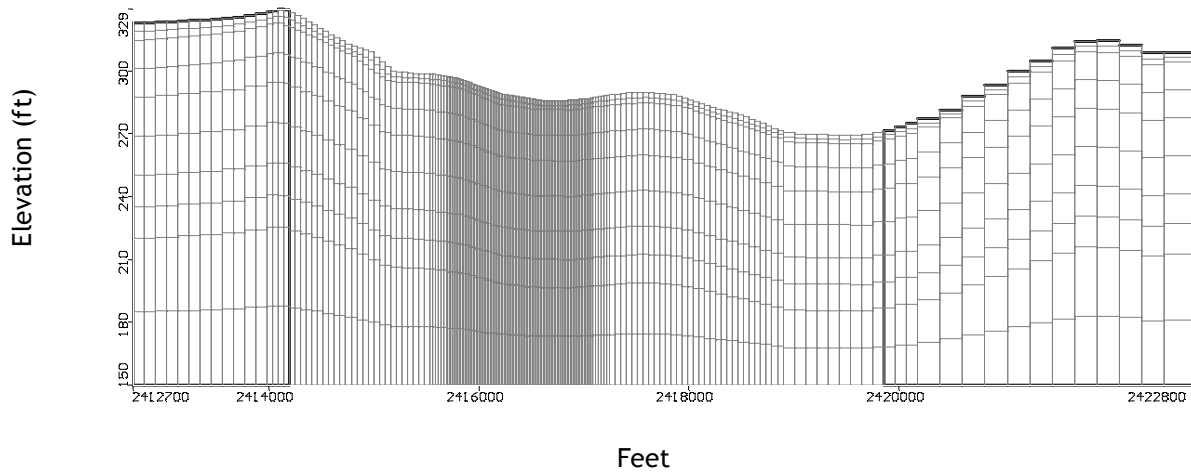
July 2013



Figure 11
Groundwater Model
Domain

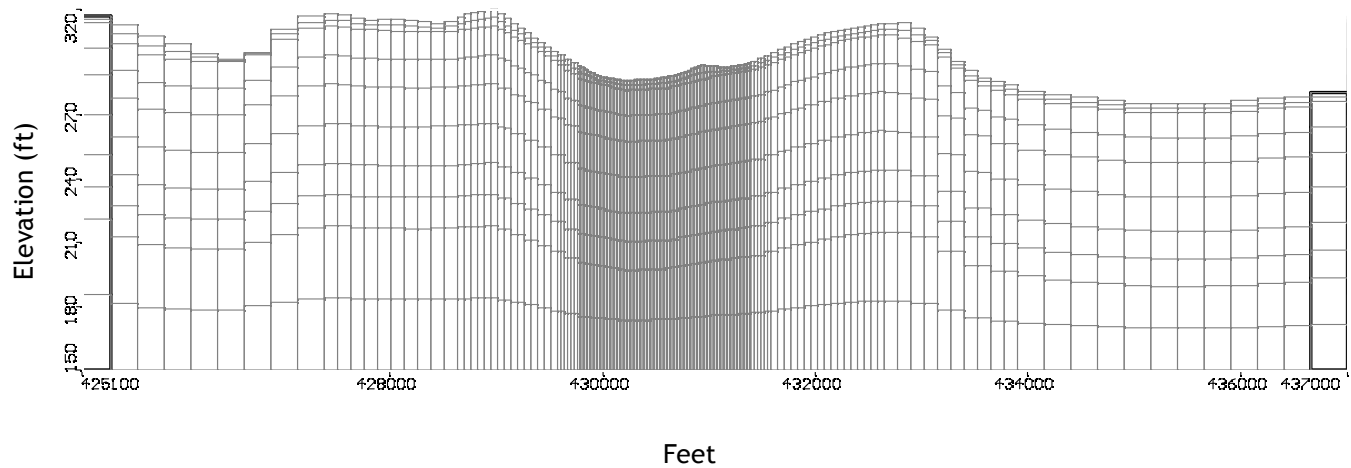
West

East



South

North

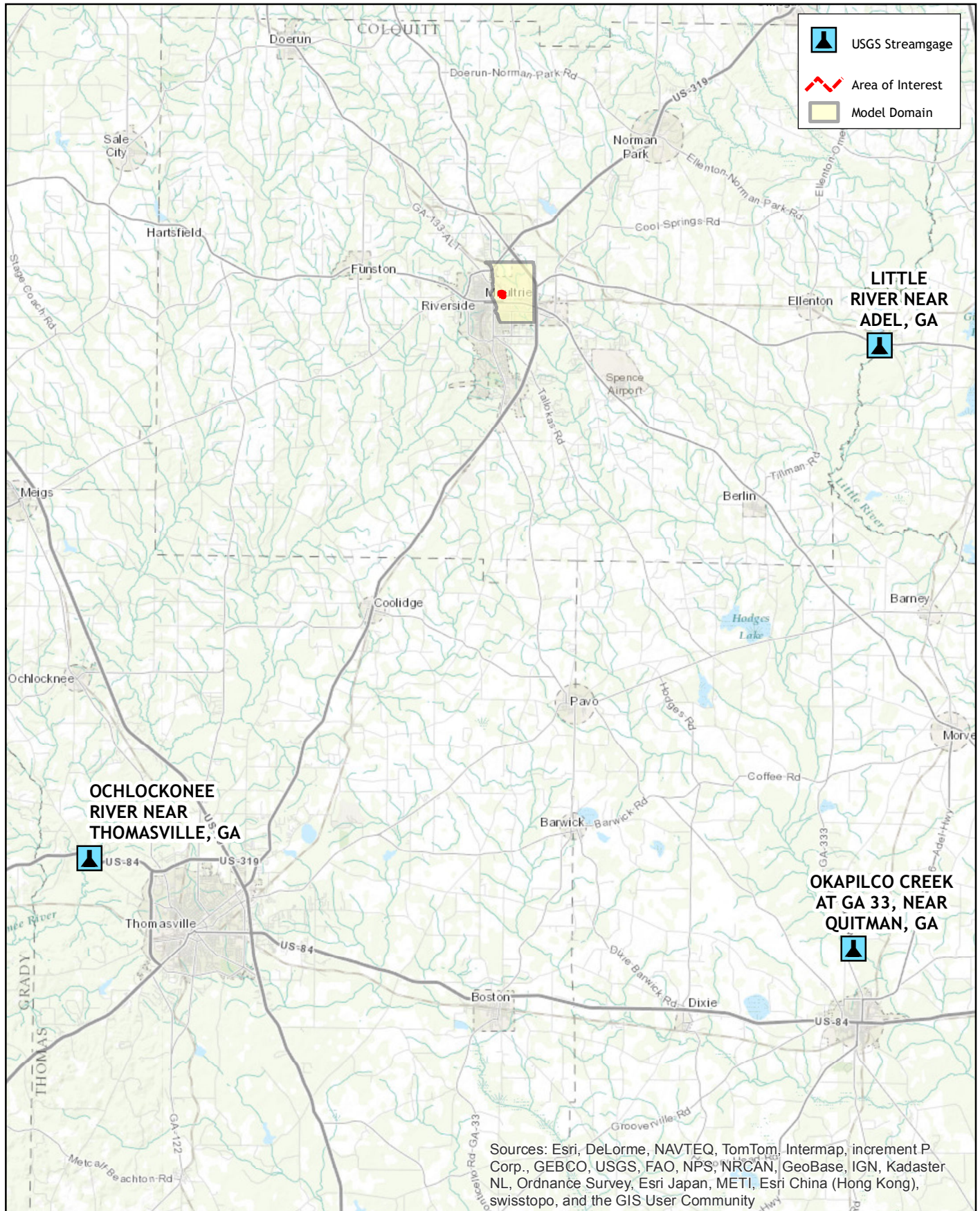


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Vertical Exaggeration 20x
Coordinate System: Georgia Stateplane West, NAD 83, Feet

Figure 12
Representative Model Cross Sections



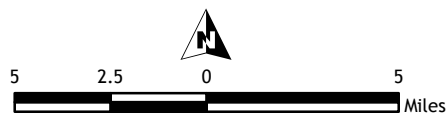
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

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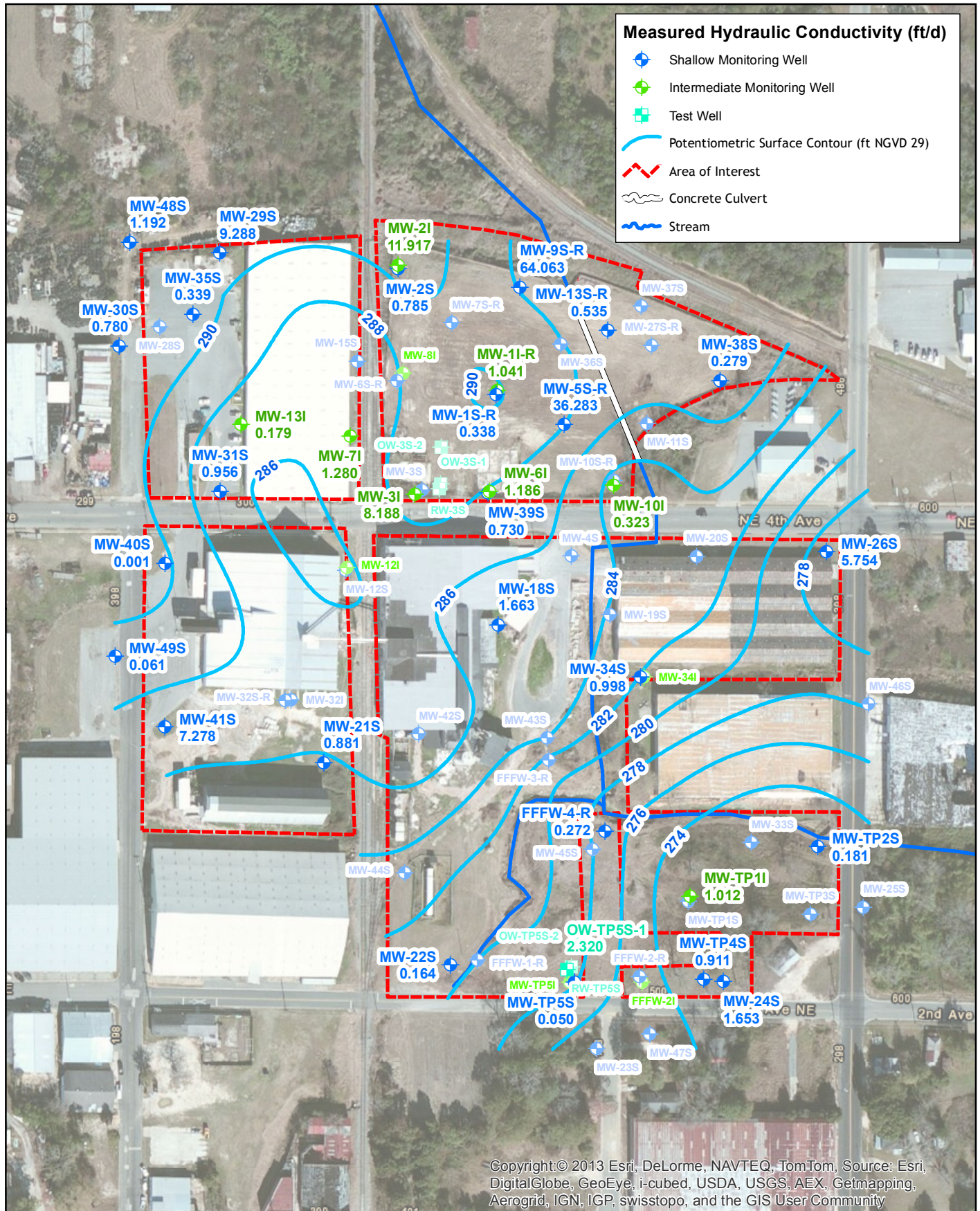
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Coordinate System: Georgia Stateplane West, NAD 83, Feet

Figure 13
USGS Stream
Gage Locations



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Figure 14

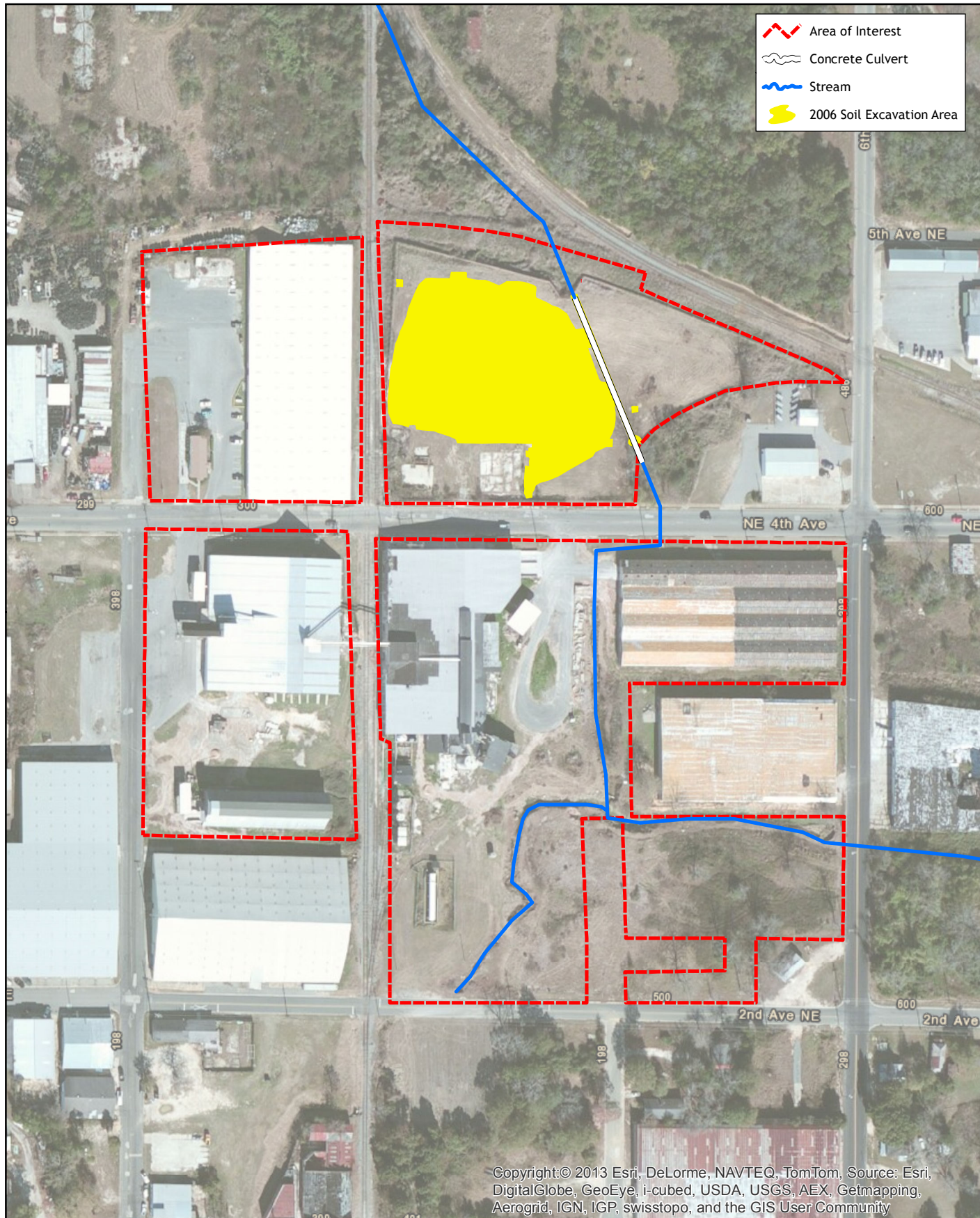
Hydraulic Conductivity Values





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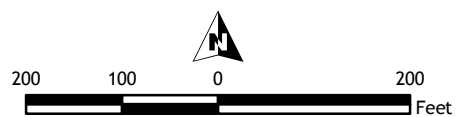
-  Area of Interest
-  Concrete Culvert
-  Stream
-  2006 Soil Excavation Area

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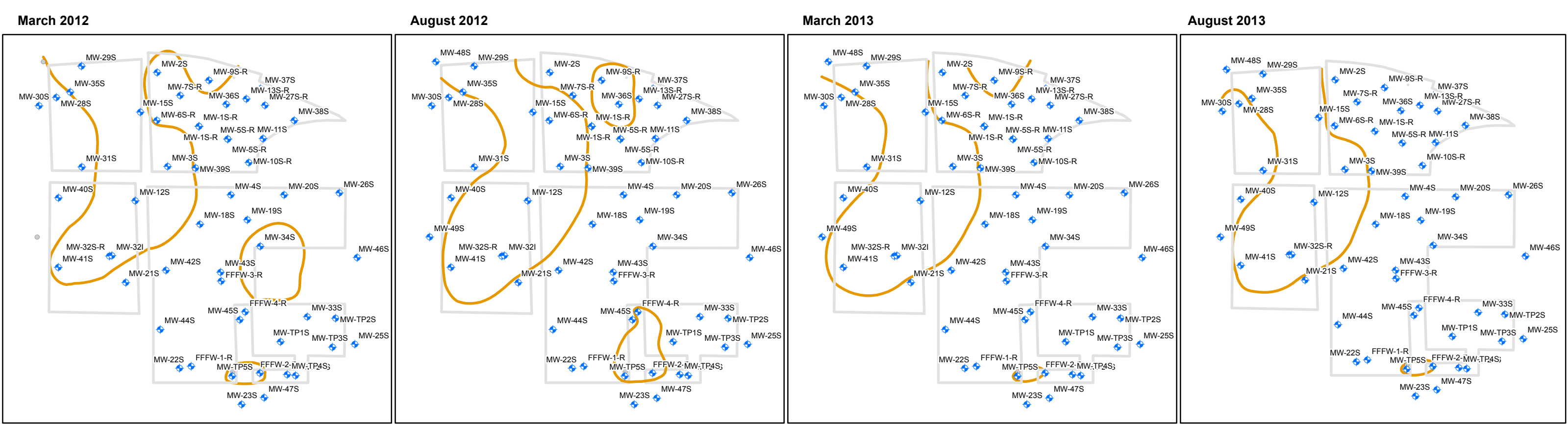
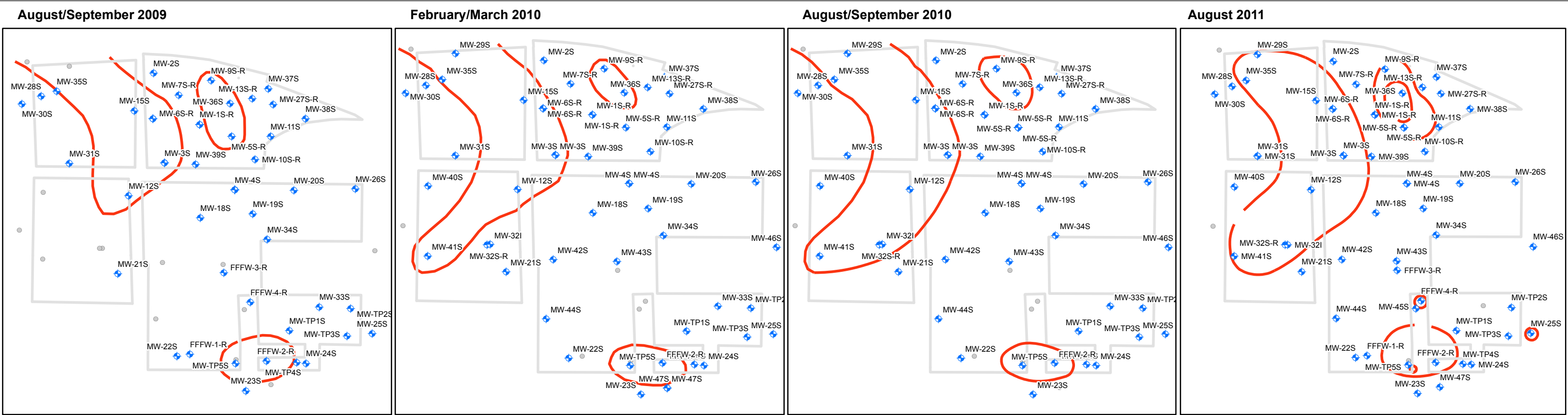
Moultrie, Georgia

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Tallahassee
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Coordinate System: Georgia Stateplane West, NAD 83, Feet

Figure 15
Lead Impacted Soil
Excavation Area



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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

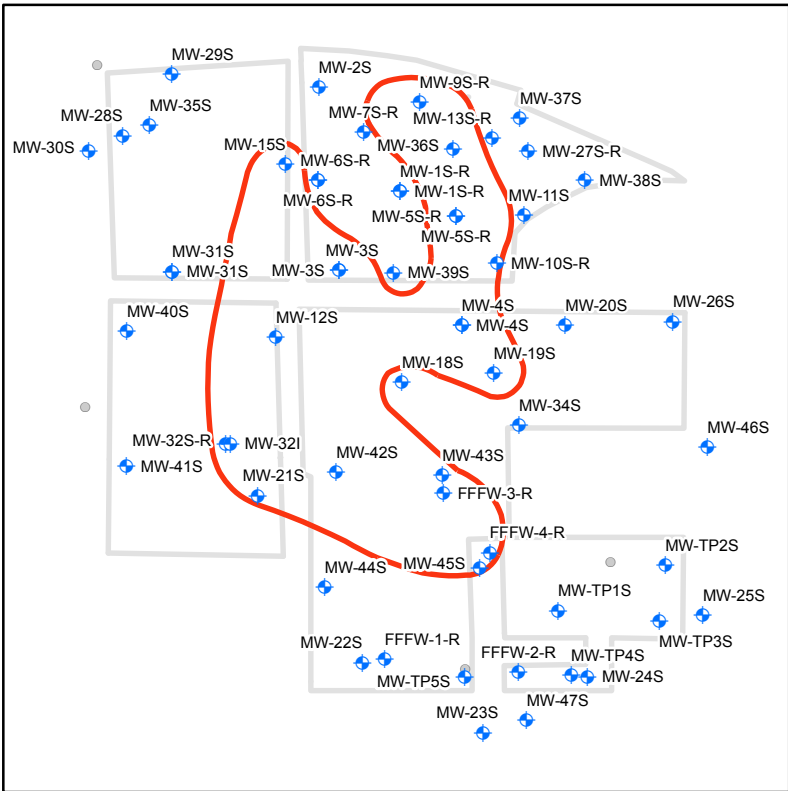
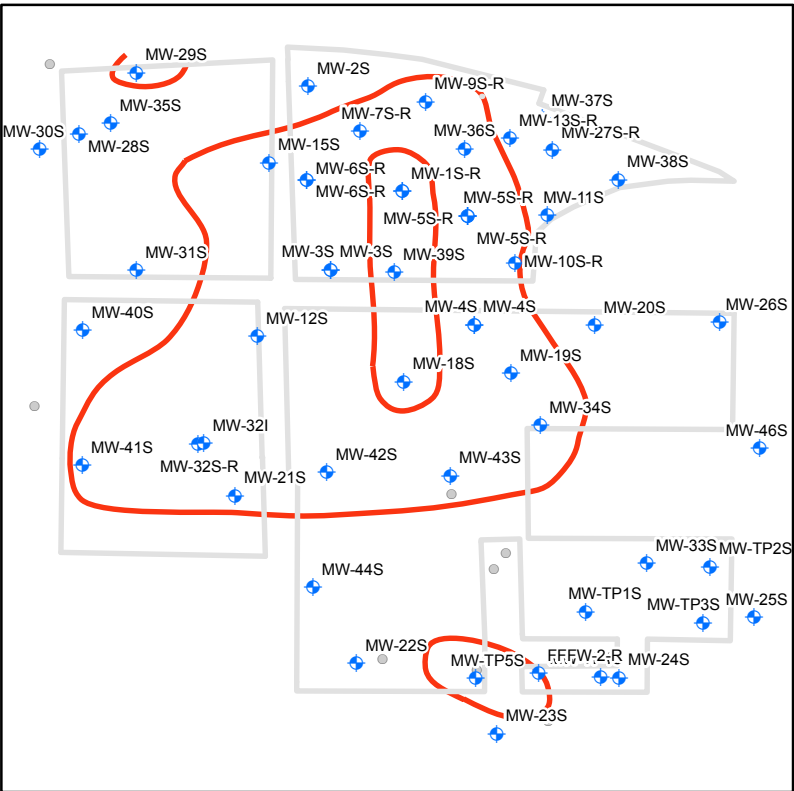
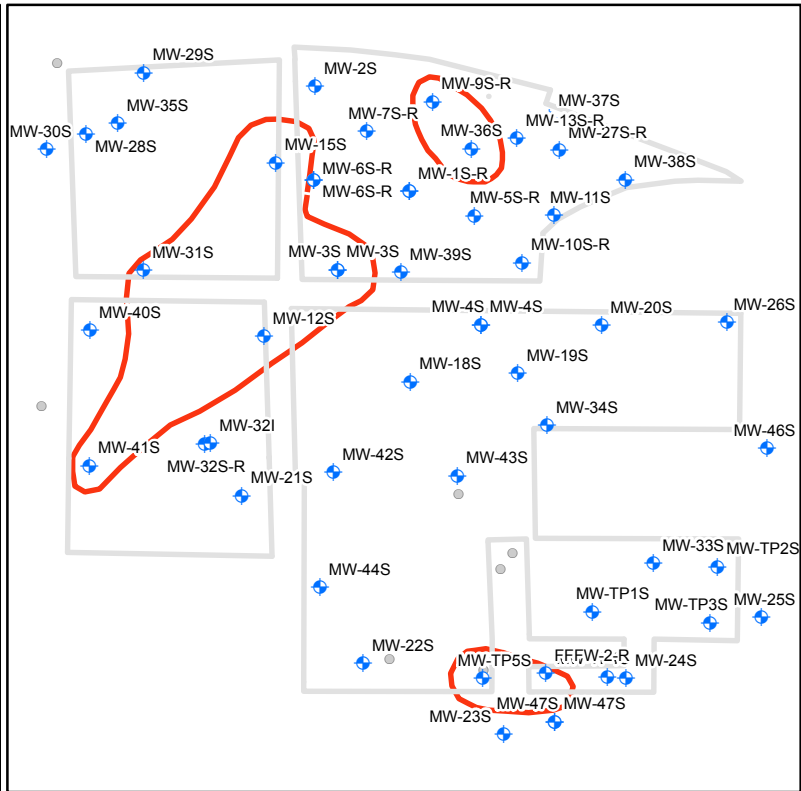
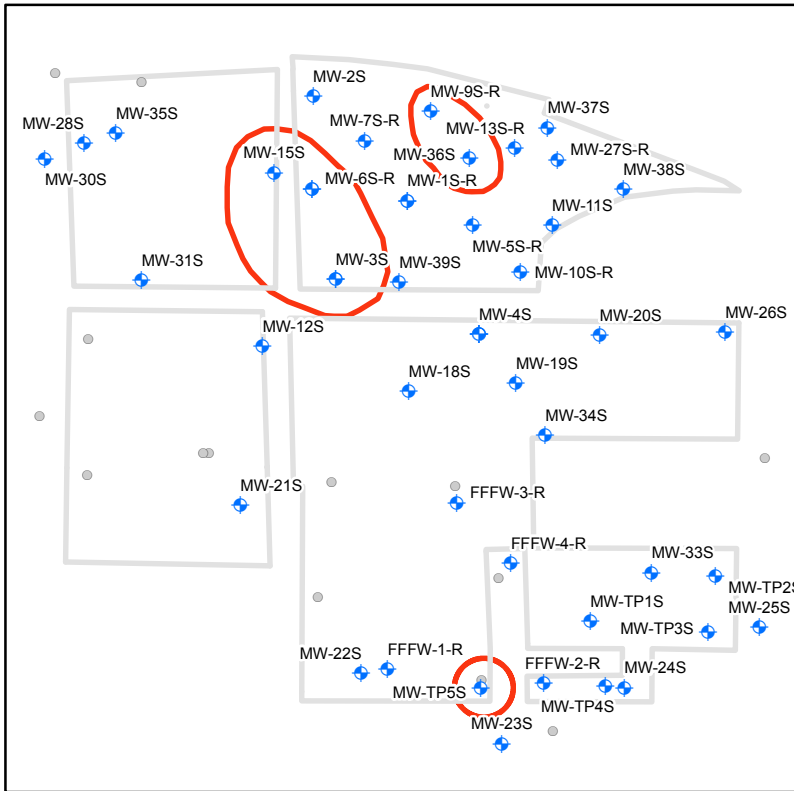
Figure 16
Extent of Lead in Groundwater
Exceeding 0.015 mg/L
(2009 - 2013)

August/September 2009

February/March 2010

August/September 2010

August 2011

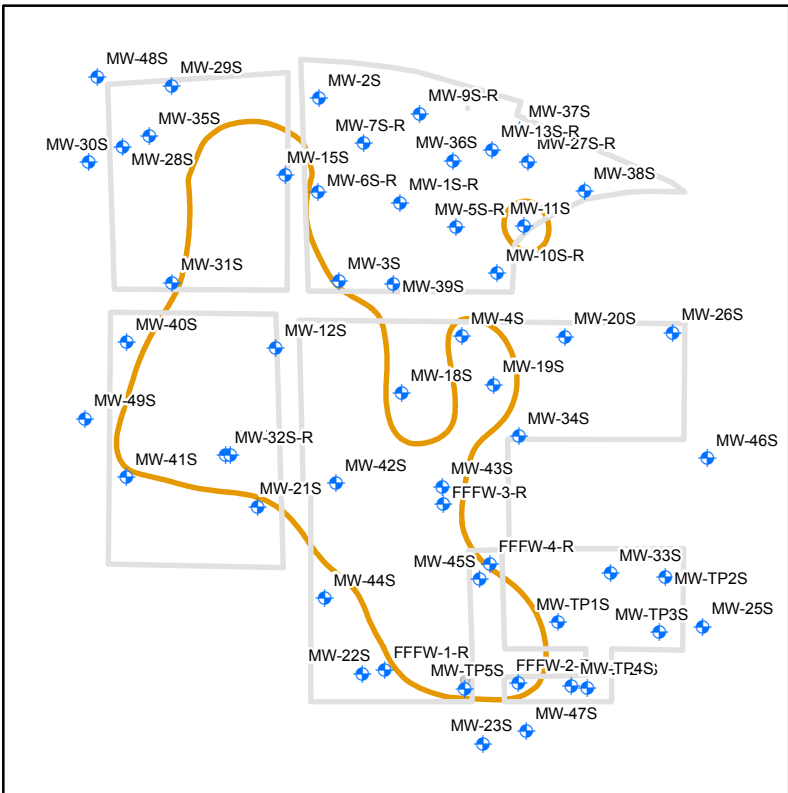
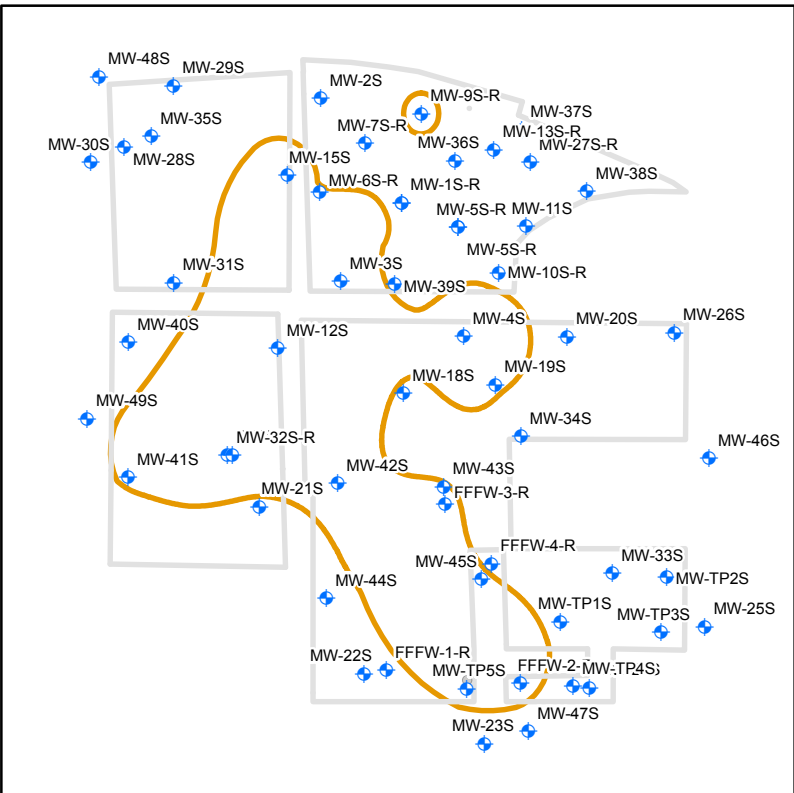
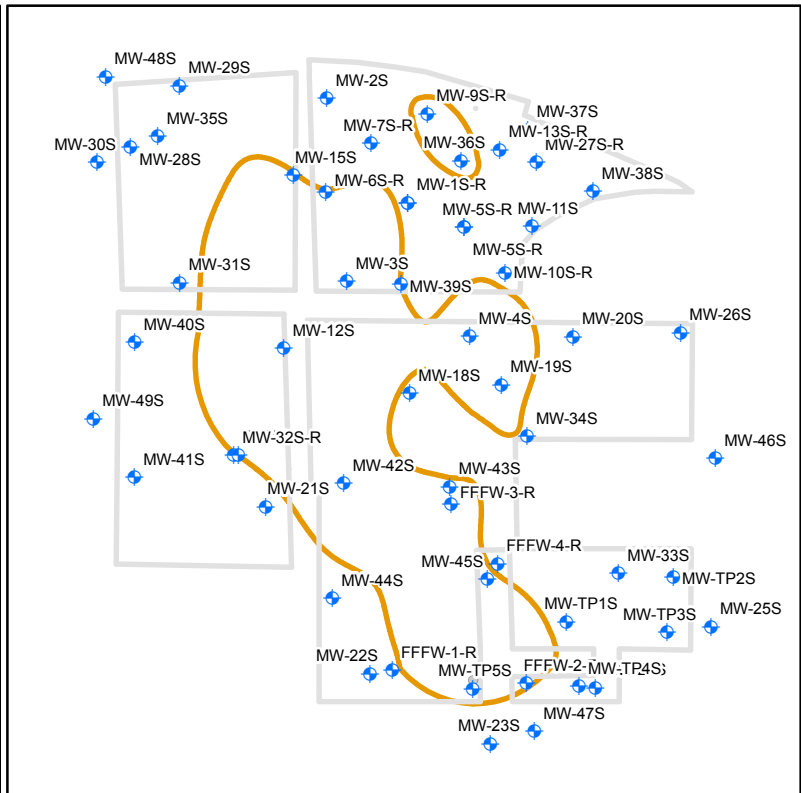
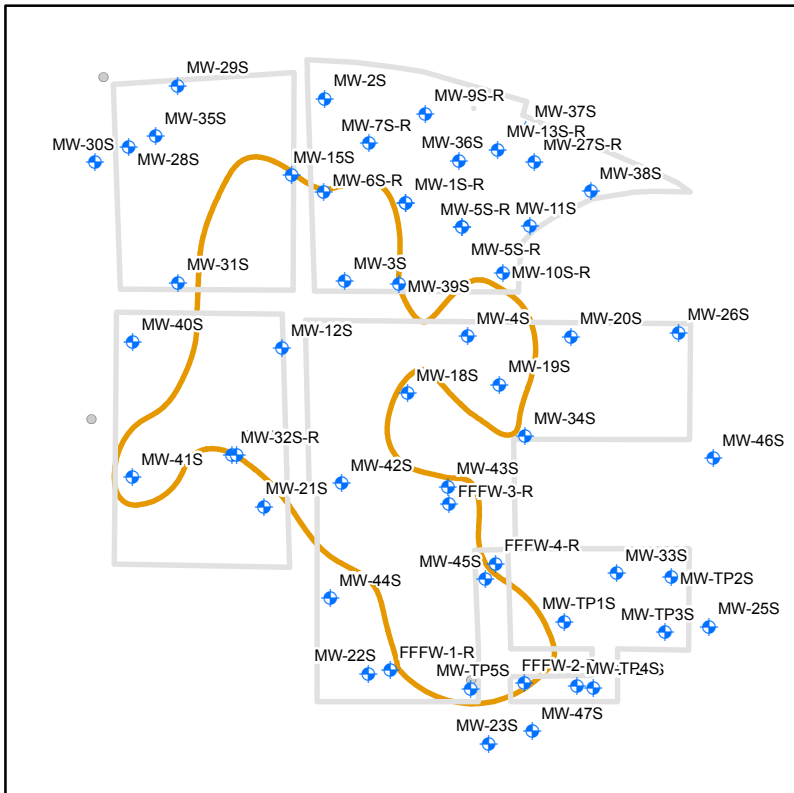


March 2012

August 2012

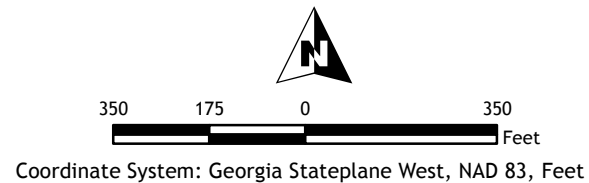
March 2013

August 2013



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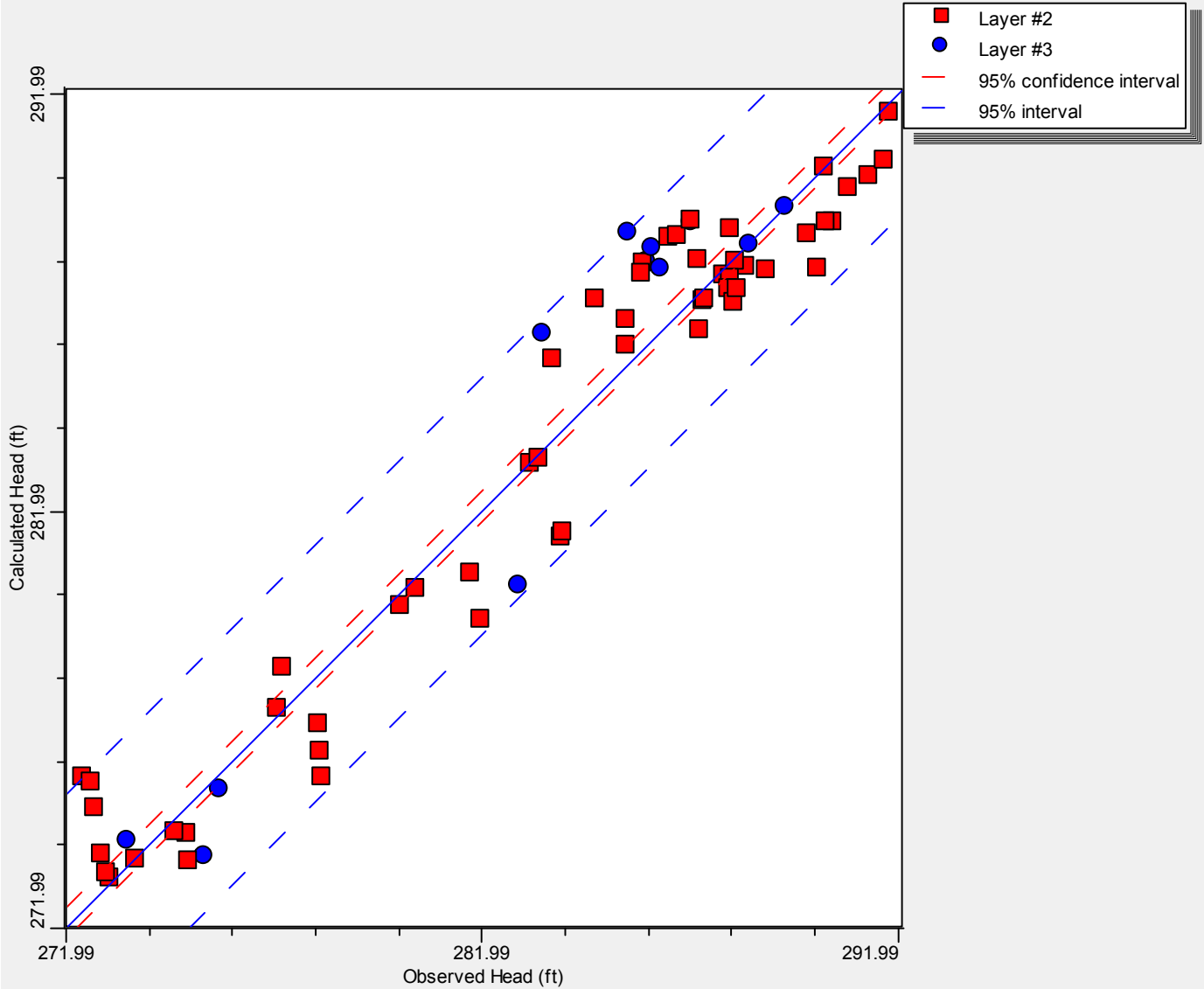
URS
Tallahassee
August 2013



- ◆ 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)

Calculated vs. Observed Head : Steady state



- Layer #2
- Layer #3
- - - 95% confidence interval
- - - 95% interval

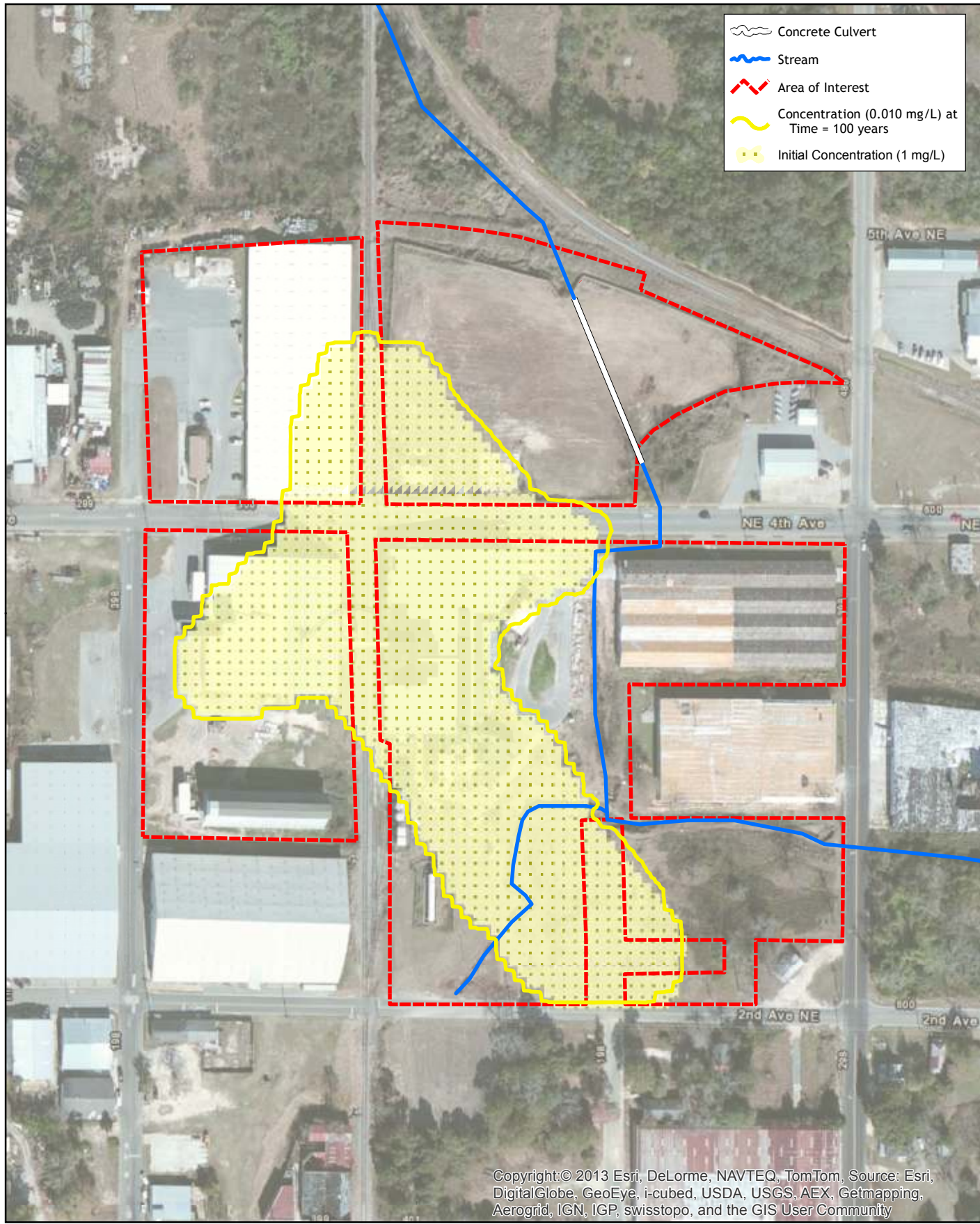
Max. Residual: 3.269 (ft) at MW-33S/A
 Min. Residual: -0.012 (ft) at MW-49S/A
 Residual Mean : 0.122 (ft)
 Abs. Residual Mean : 1.214 (ft)






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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 Moultrie, Georgia

URS
 Tallahassee
 August 2013

Figure 18
 Preliminary Flow
 Calibration



-  Concrete Culvert
-  Stream
-  Area of Interest
-  Concentration (0.010 mg/L) at Time = 100 years
-  Initial Concentration (1 mg/L)

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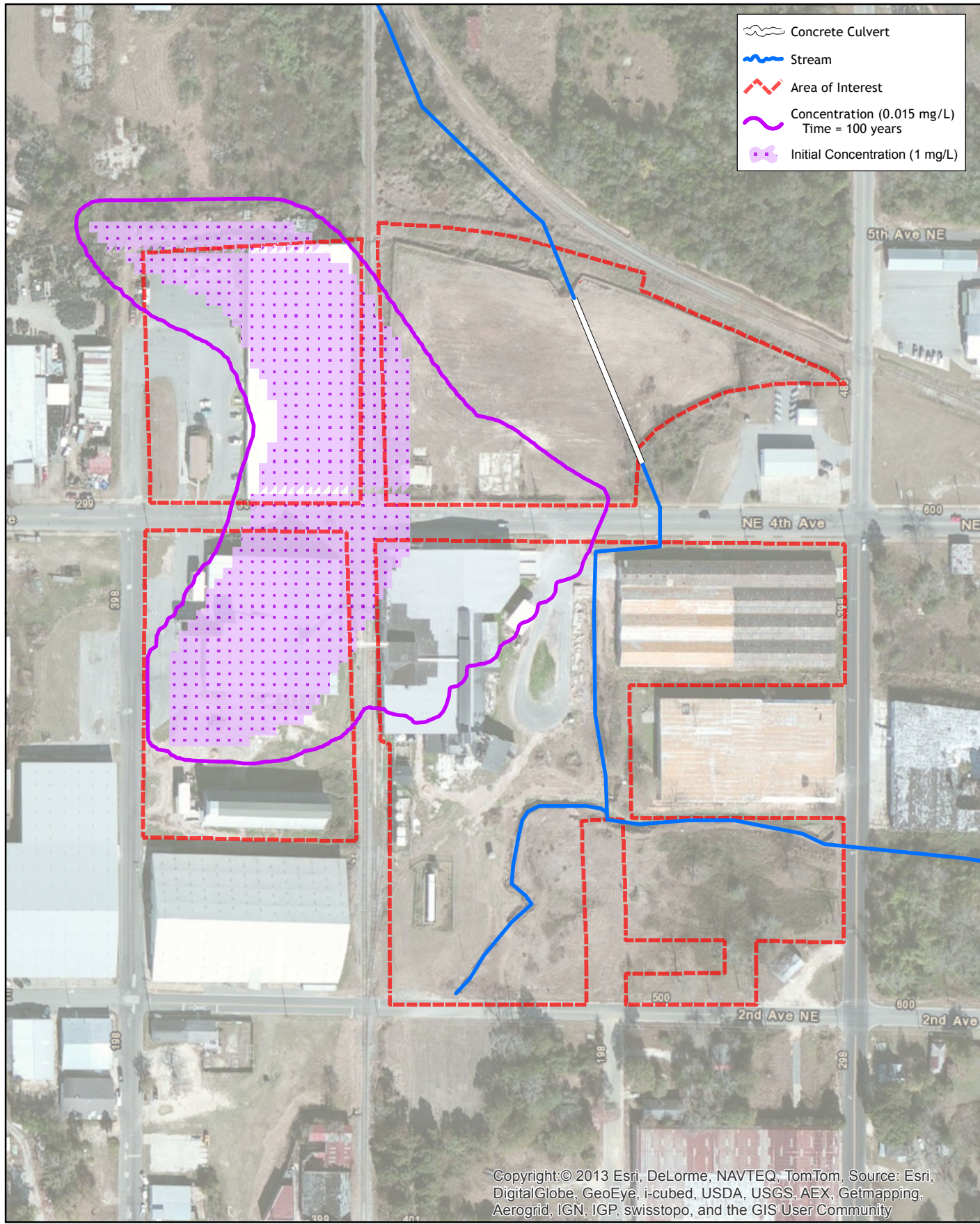


Tallahassee
February 2014



Coordinate System: Georgia Stateplane West, NAD 83, Feet

Figure 19
Extent of Arsenic
Simulation Time of
100 years



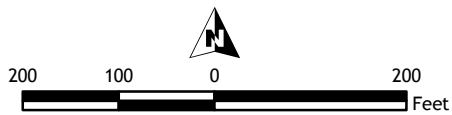
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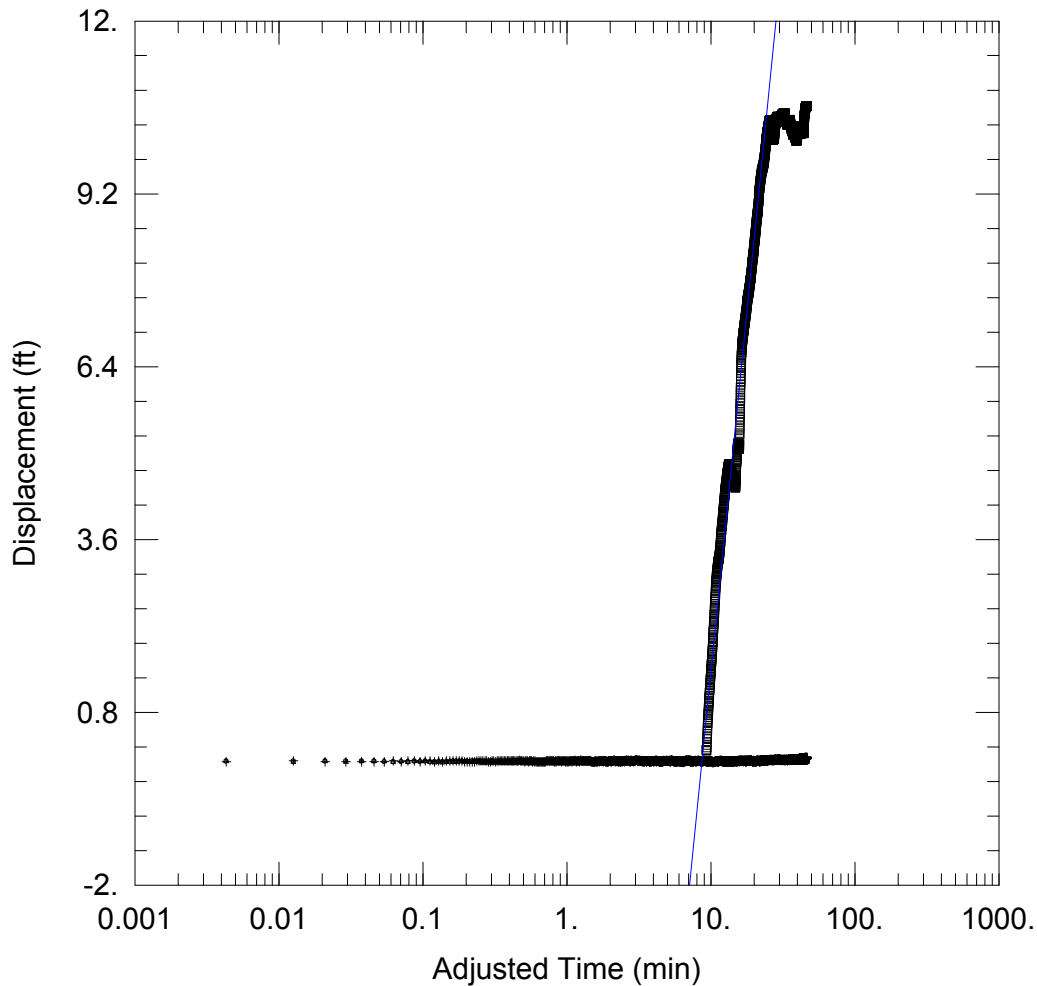
Tallahassee
February 2014



Coordinate System: Georgia Stateplane West, NAD 83, Feet

Figure 20
Extent of Lead
Simulation Time of
100 years

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

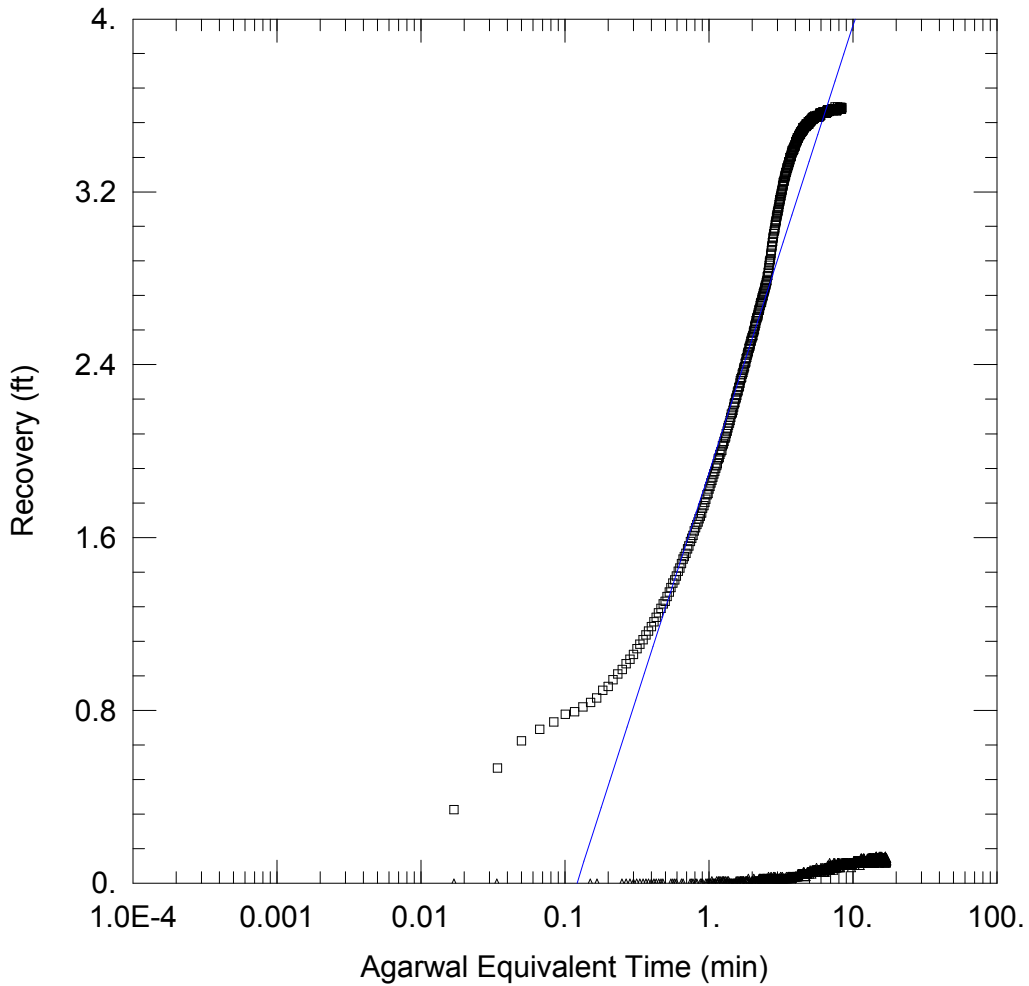
Observation Wells

Well Name	X (ft)	Y (ft)
□ MWTP5S	0	0
+ OWTP5S1	11	19
△ MWTP5I	-7.04	0
◦ OWTP5S2	5	75.8

SOLUTION

Aquifer Model: Confined
 T = 0.6214 ft²/day

Solution Method: Cooper-Jacob
 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

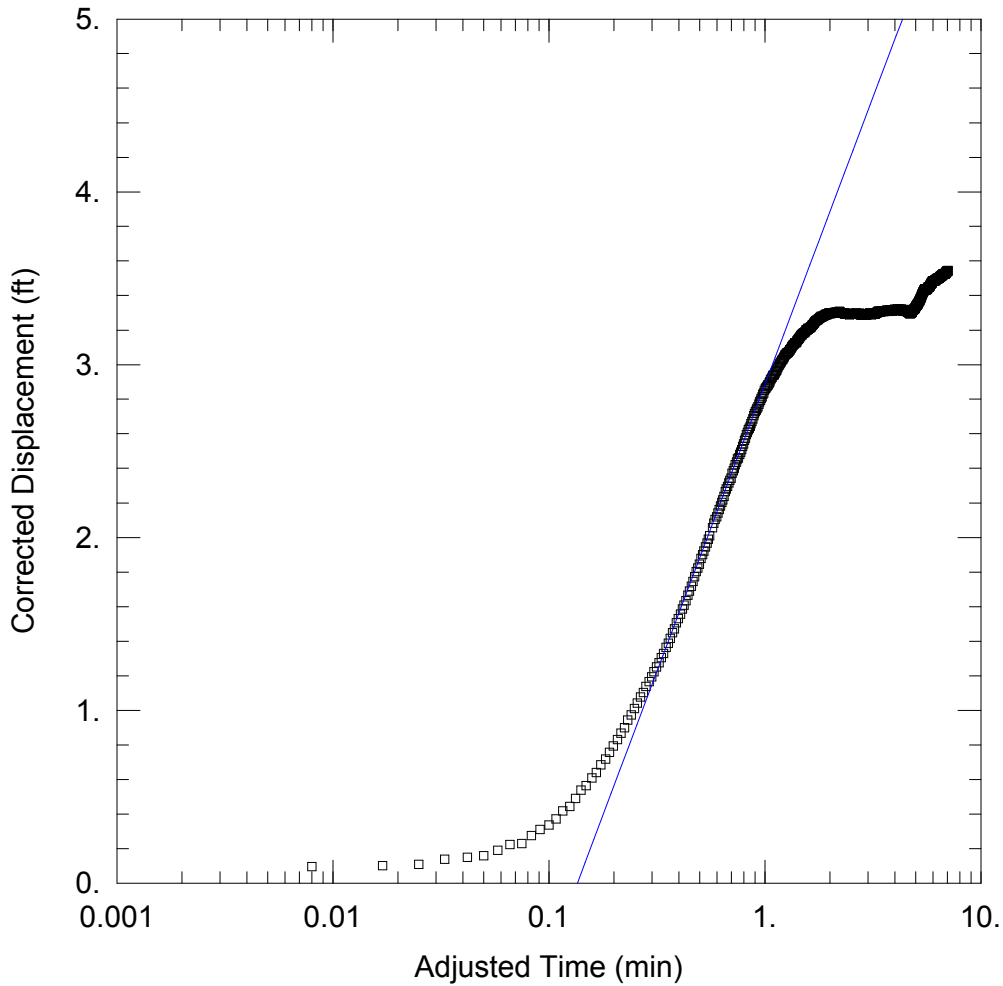
SOLUTION

Aquifer Model: Confined

Solution Method: Cooper-Jacob

T = 6.811 ft²/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

Observation Wells

Well Name	X (ft)	Y (ft)
MW13SR	0	0

Well Name	X (ft)	Y (ft)
□ MW13SR	0	0

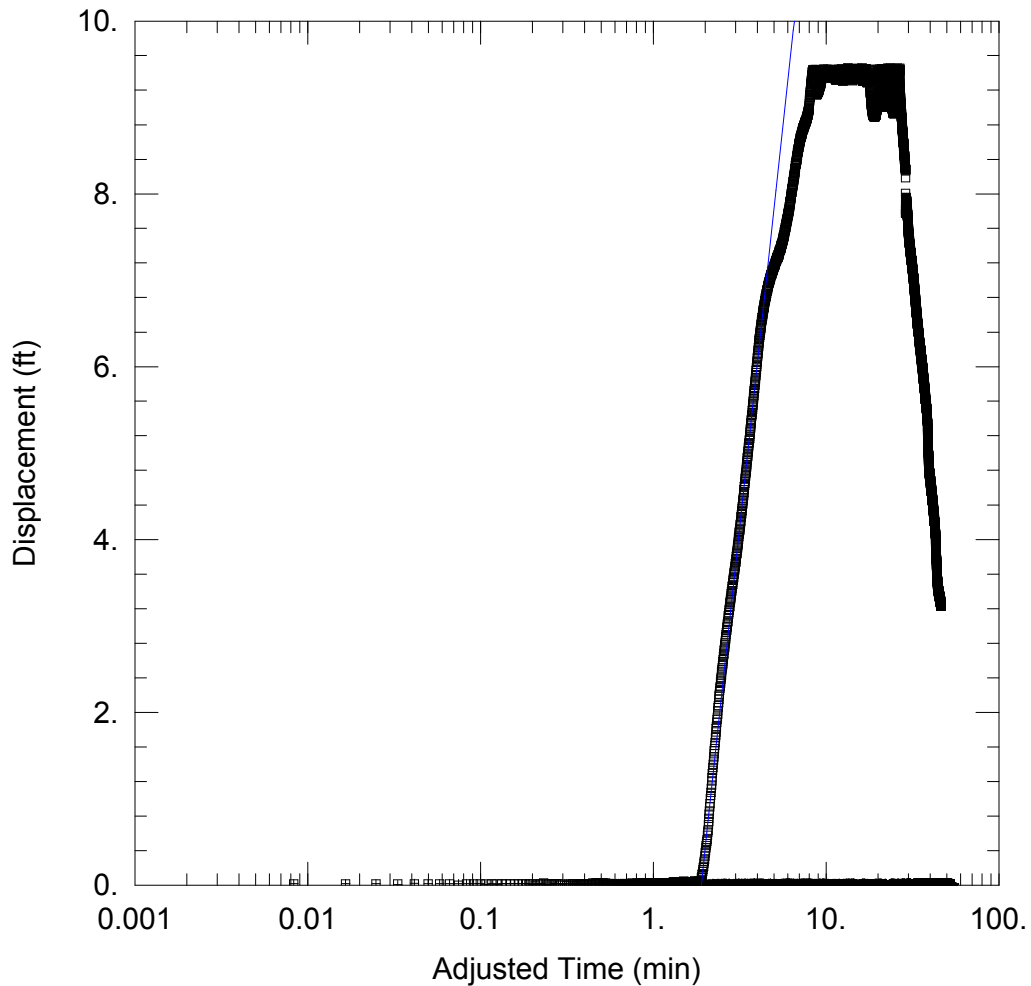
SOLUTION

Aquifer Model: Unconfined

Solution Method: Cooper-Jacob

T = 4.618 ft²/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)
□ <u>FFW3R</u>	0	0
+ <u>MW43S</u>	19.08	27.57

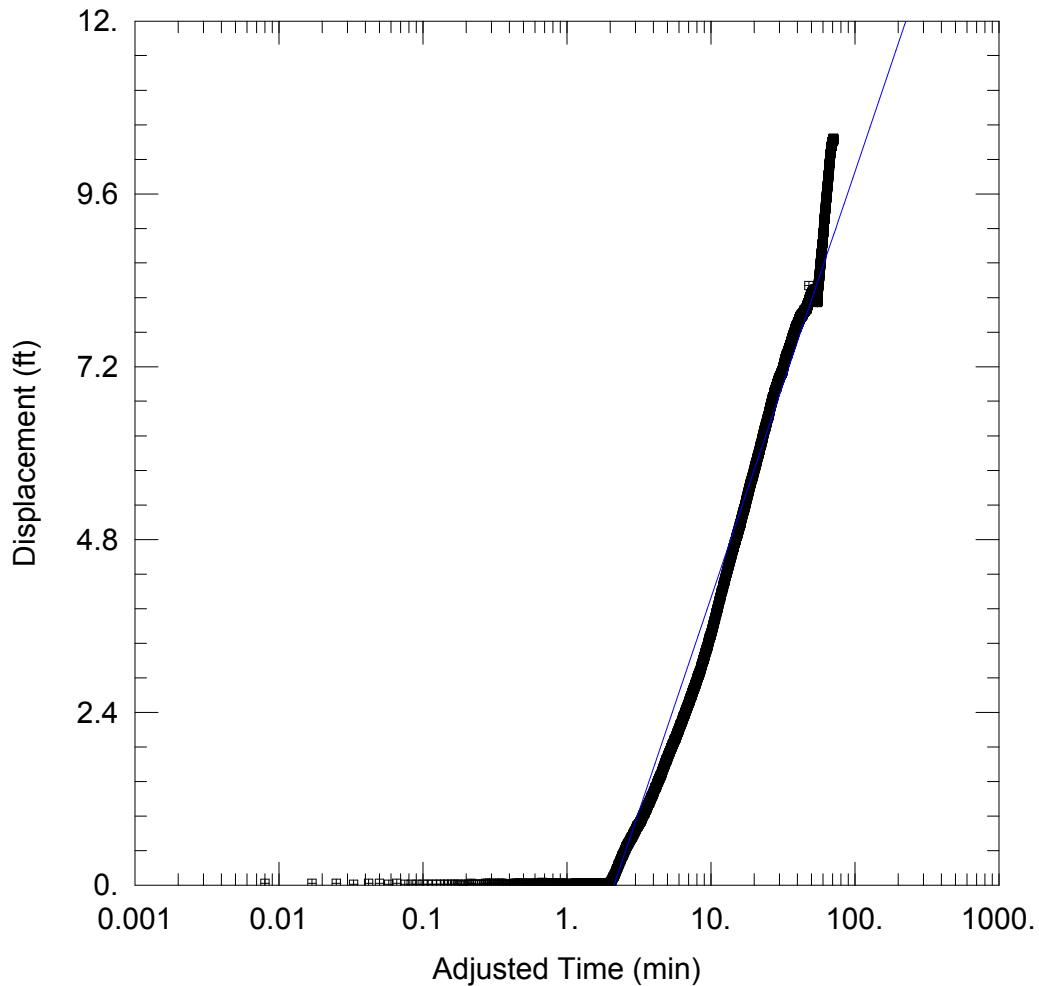
SOLUTION

Aquifer Model: Confined

Solution Method: Cooper-Jacob

T = 0.8267 ft²/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)
□ <u>RWTP5S</u>	0	0
+ <u>TP5S</u>	19.08	27.57

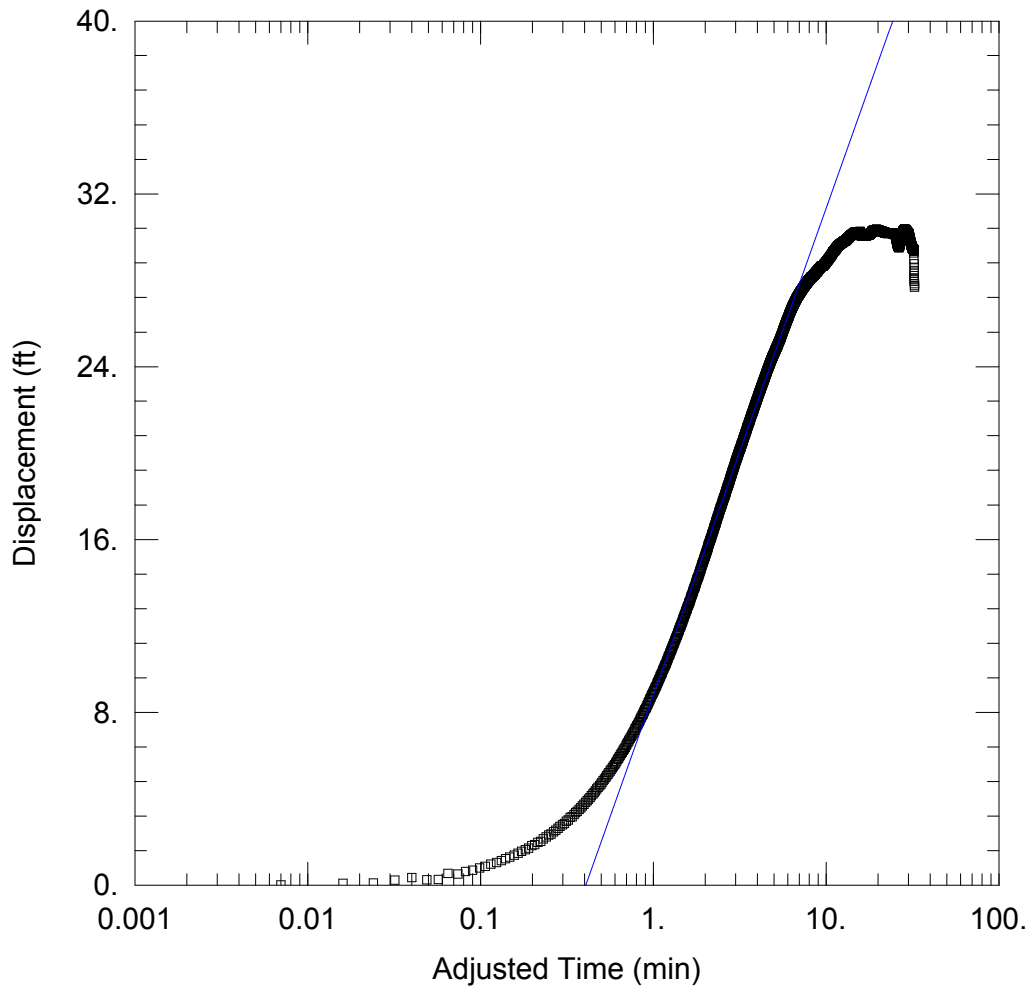
SOLUTION

Aquifer Model: Confined

Solution Method: Cooper-Jacob

T = 11.91 ft²/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

Observation Wells

Well Name	X (ft)	Y (ft)
MW-10I	0	0

Well Name	X (ft)	Y (ft)
□ MW-10I	0	0

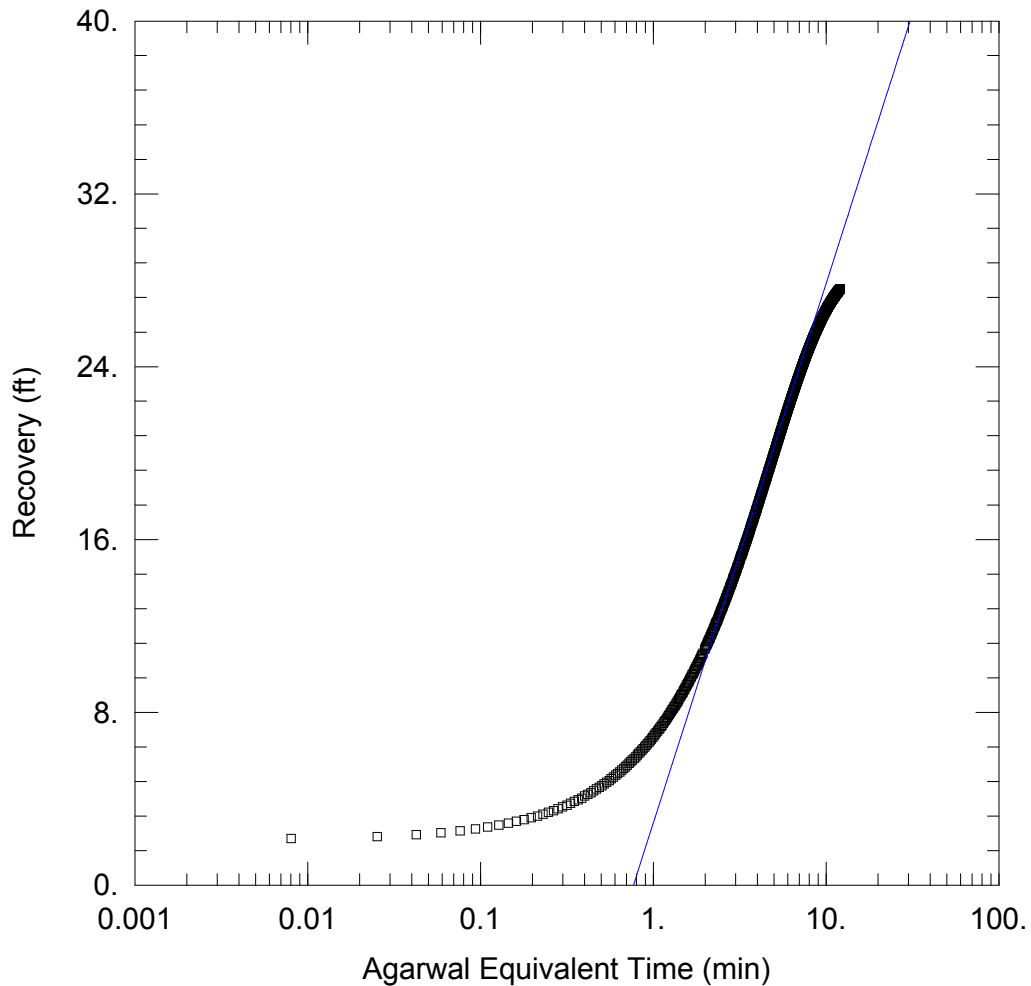
SOLUTION

Aquifer Model: Confined

Solution Method: Cooper-Jacob

T = 1.69 ft²/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

Observation Wells

Well Name	X (ft)	Y (ft)
MW-10I	0	0

Well Name	X (ft)	Y (ft)
□ MW-10I	0	0

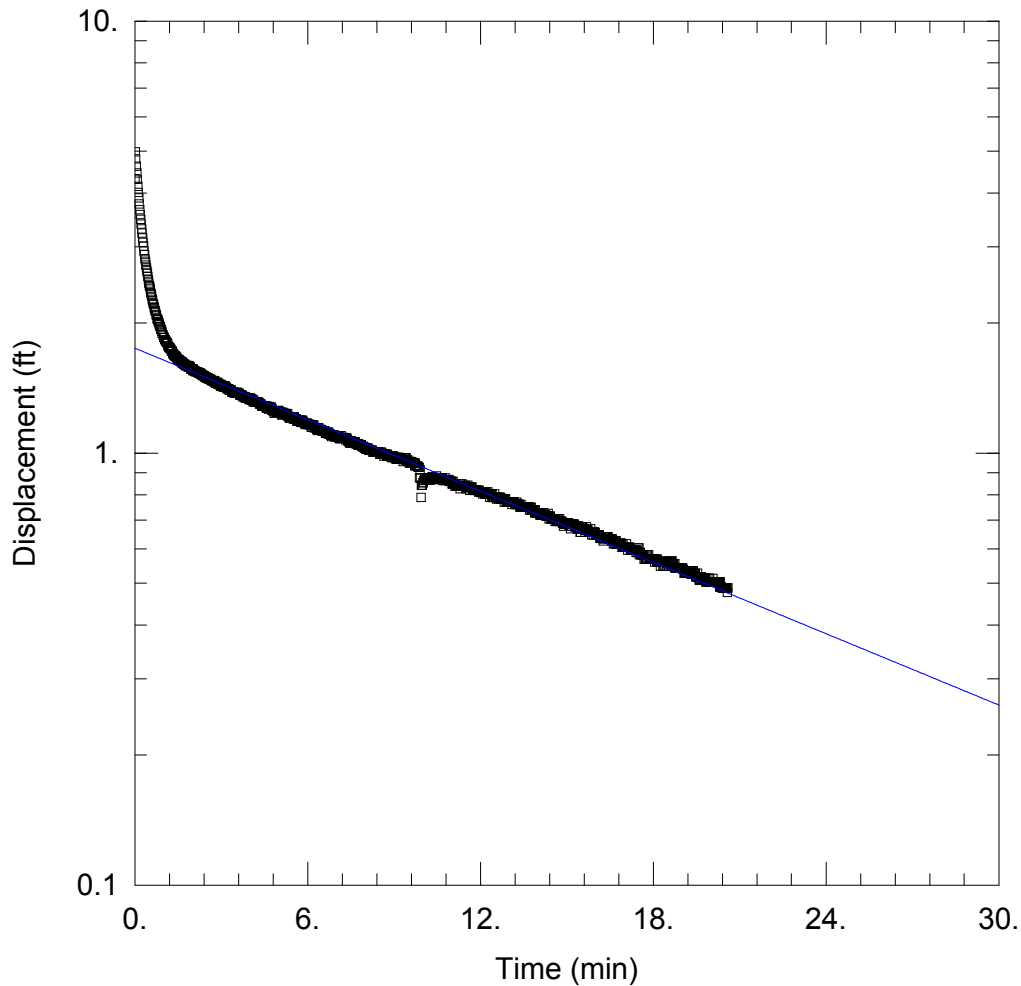
SOLUTION

Aquifer Model: Confined

Solution Method: Cooper-Jacob

T = 1.524 ft²/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)

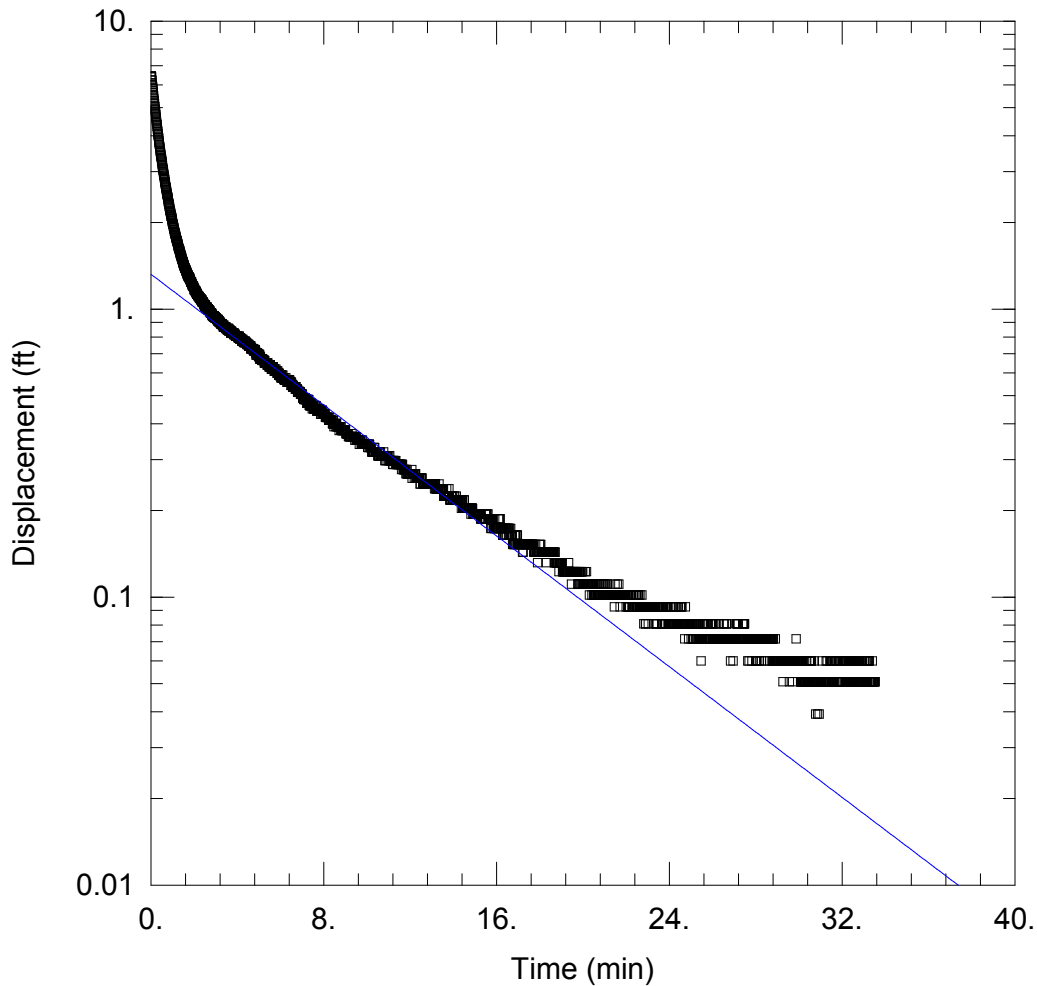
Initial Displacement: 4.316 ft
 Total Well Penetration Depth: 12. ft
 Casing Radius: 0.0833 ft

Static Water Column Height: 7.39 ft
 Screen Length: 10. ft
 Well Radius: 0.0833 ft

SOLUTION

Aquifer Model: Confined
 K = 0.1611 ft/day

Solution Method: Bower-Rice
 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)

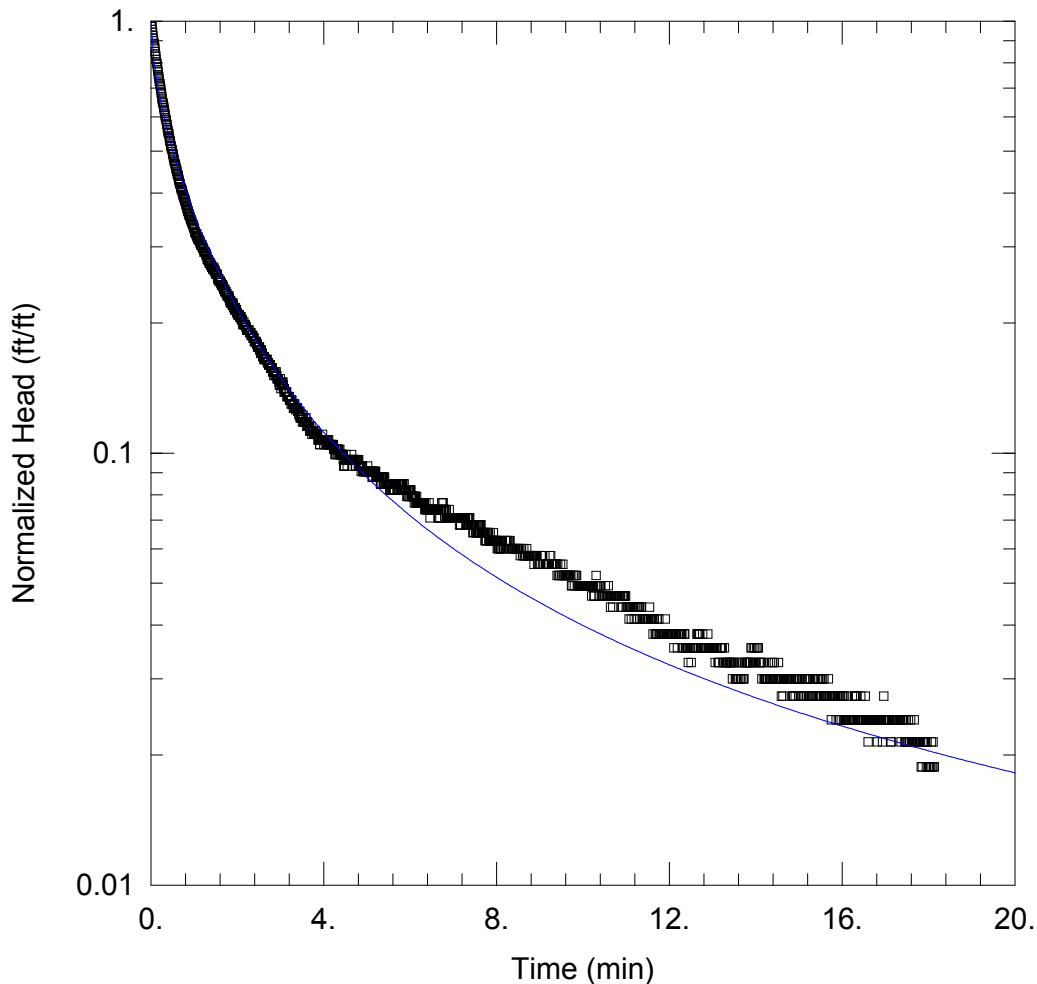
Initial Displacement: 6.456 ft
 Total Well Penetration Depth: 25. ft
 Casing Radius: 0.0833 ft

Static Water Column Height: 12.68 ft
 Screen Length: 10. ft
 Well Radius: 0.0833 ft

SOLUTION

Aquifer Model: Confined
 K = 0.279 ft/day

Solution Method: Bower-Rice
 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)

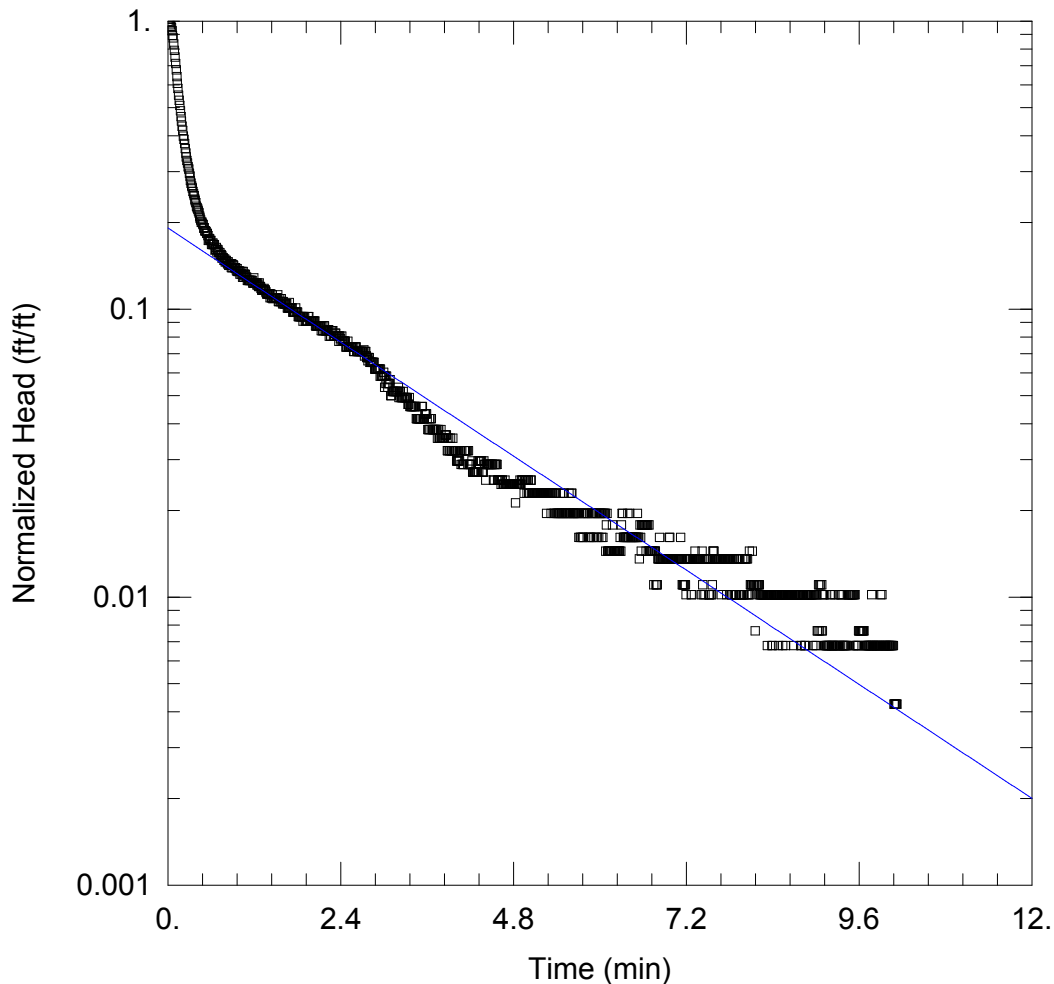
Initial Displacement: 4.306 ft
 Total Well Penetration Depth: 10. ft
 Casing Radius: 0.0833 ft

Static Water Column Height: 10.11 ft
 Screen Length: 10. ft
 Well Radius: 0.0833 ft

SOLUTION

Aquifer Model: Confined
 $T = 7.845 \text{ ft}^2/\text{day}$

Solution Method: Cooper-Bredehoeft-Papadopoulos
 $S = 0.1119$



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 (K_z/K_r): 1.

WELL DATA (MW-39S)

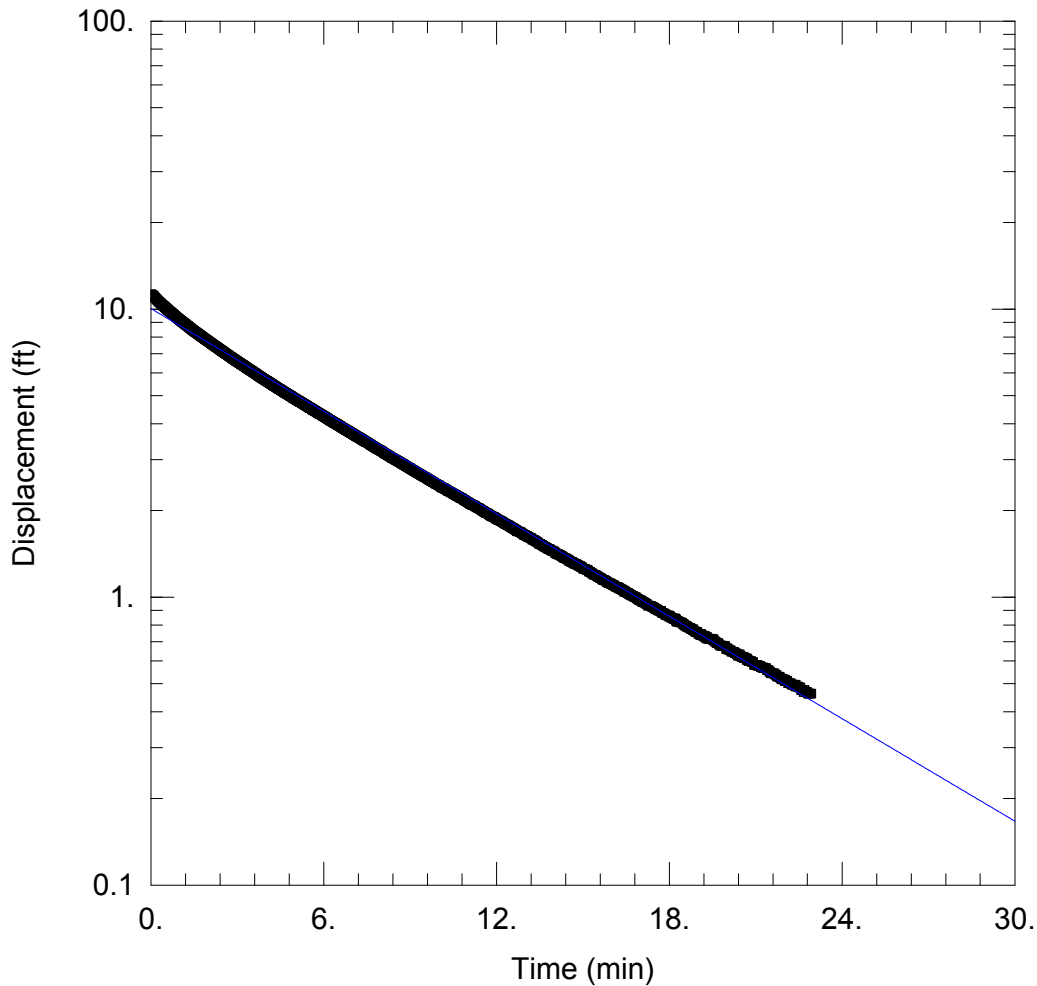
Initial Displacement: 2.721 ft
 Total Well Penetration Depth: 10.5 ft
 Casing Radius: 0.0833 ft

Static Water Column Height: 9.67 ft
 Screen Length: 10. ft
 Well Radius: 0.0833 ft

SOLUTION

Aquifer Model: Confined
 $K = 0.7297$ ft/day

Solution Method: Bower-Rice
 $y_0 = 0.5199$ ft



MW-35S SLUG TEST

Data Set: S:\...\MW-35S_Slug.aqt
 Date: 02/14/14

Time: 08:31:42

PROJECT INFORMATION

Company: URS
 Client: PCS
 Location: Moultrie, Georgia
 Test Well: MW-35S
 Test Date: 12/03/2013

AQUIFER DATA

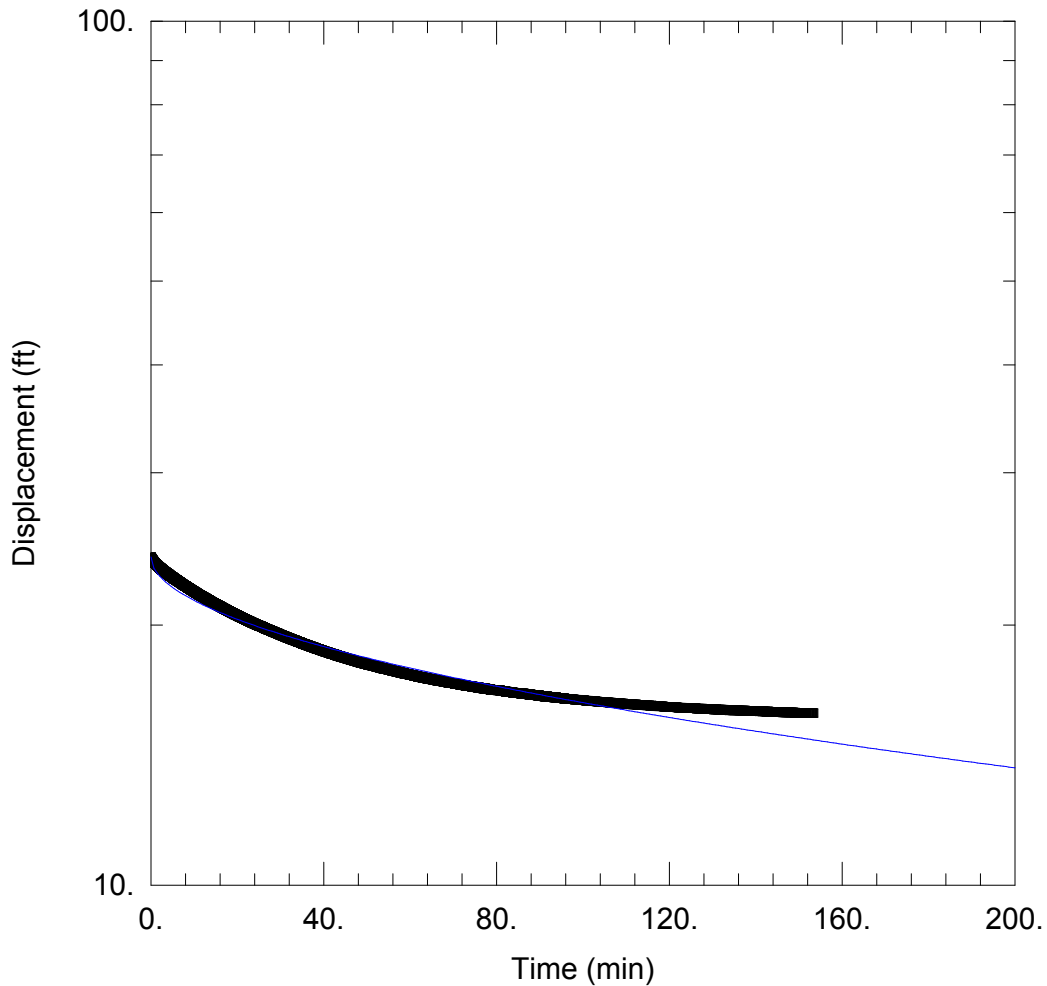
Saturated Thickness: 13.46 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-35S)

Initial Displacement: 11.26 ft Static Water Column Height: 13.46 ft
 Total Well Penetration Depth: 13.7 ft Screen Length: 10. ft
 Casing Radius: 0.0833 ft Well Radius: 0.0833 ft

SOLUTION

Aquifer Model: Confined Solution Method: Bower-Rice
 K = 0.3395 ft/day $y_0 =$ 10.04 ft



MW-40S SLUG TEST

Data Set: S:\...\MW-40S_Slug.aqt
 Date: 02/14/14

Time: 08:32:14

PROJECT INFORMATION

Company: URS
 Client: PCS
 Location: Moultrie, Georgia
 Test Well: MW-40S
 Test Date: 12/03/2013

AQUIFER DATA

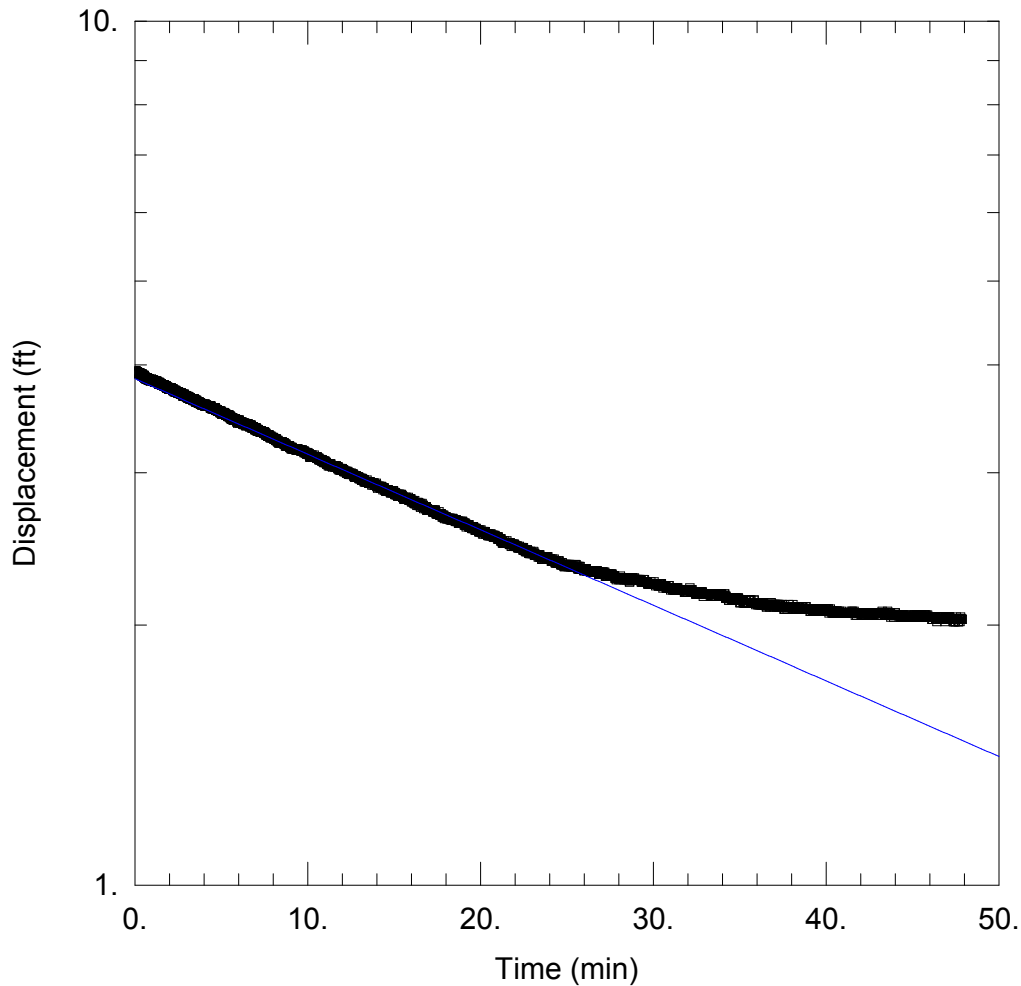
Saturated Thickness: 10. ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-40S)

Initial Displacement: 23.97 ft Static Water Column Height: 10. ft
 Total Well Penetration Depth: 26.1 ft Screen Length: 10. ft
 Casing Radius: 0.0833 ft Well Radius: 0.0833 ft

SOLUTION

Aquifer Model: Confined Solution Method: Cooper-Bredehoeft-Papadopolos
 T = 0.008308 ft²/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)

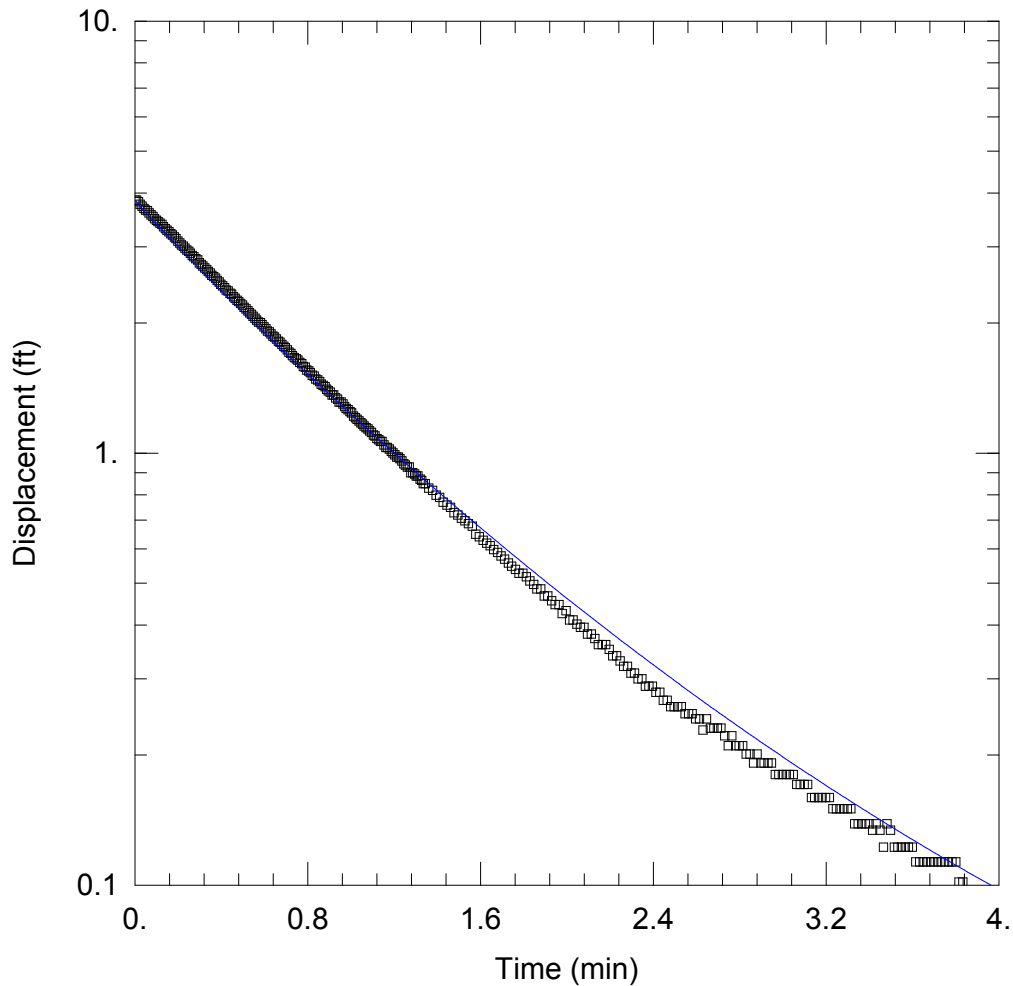
Initial Displacement: 3.94 ft
 Total Well Penetration Depth: 26.04 ft
 Casing Radius: 0.0833 ft

Static Water Column Height: 8.7 ft
 Screen Length: 10. ft
 Well Radius: 0.0833 ft

SOLUTION

Aquifer Model: Confined
 K = 0.06125 ft/day

Solution Method: Hvorslev
 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)

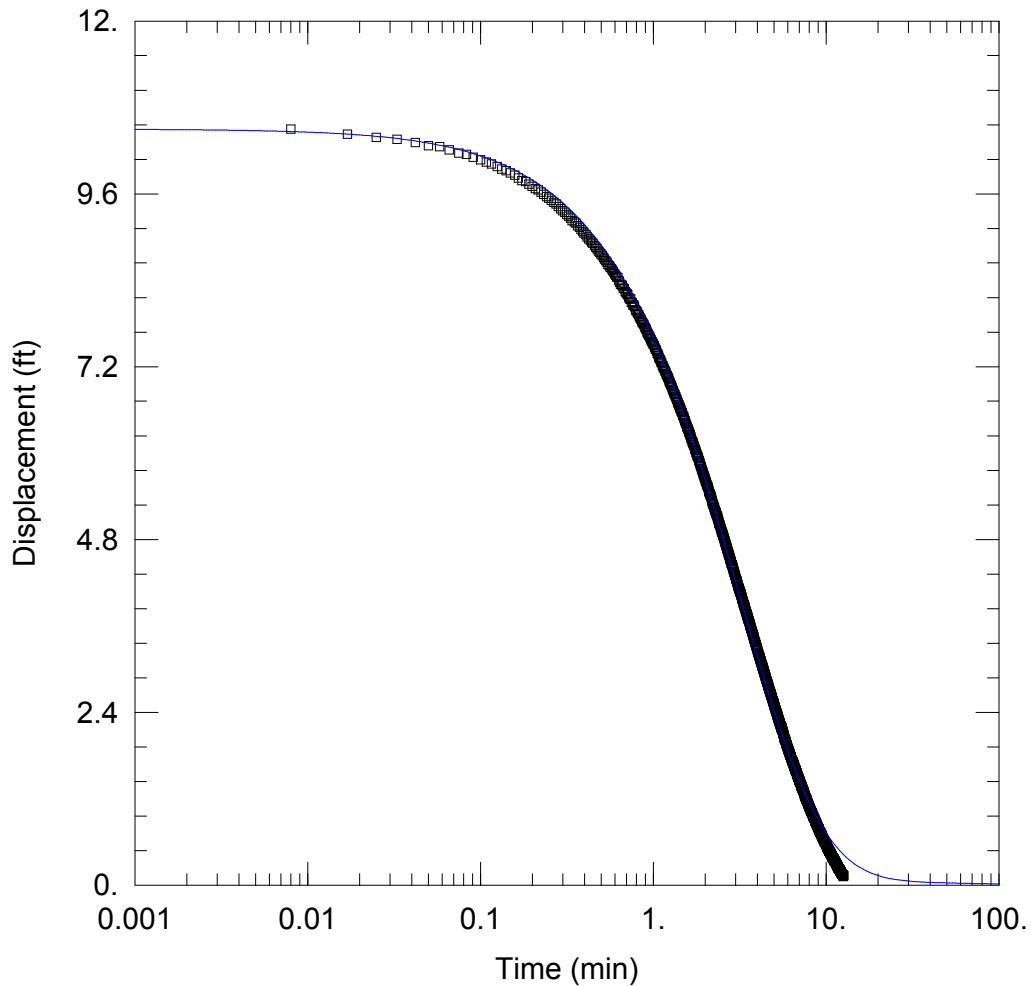
Initial Displacement: 3.85 ft
 Total Well Penetration Depth: 26.17 ft
 Casing Radius: 0.0833 ft

Static Water Column Height: 25.77 ft
 Screen Length: 10. ft
 Well Radius: 0.0833 ft

SOLUTION

Aquifer Model: Confined
 T = 72.78 ft²/day

Solution Method: Cooper-Bredehoeft-Papadopolos
 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)

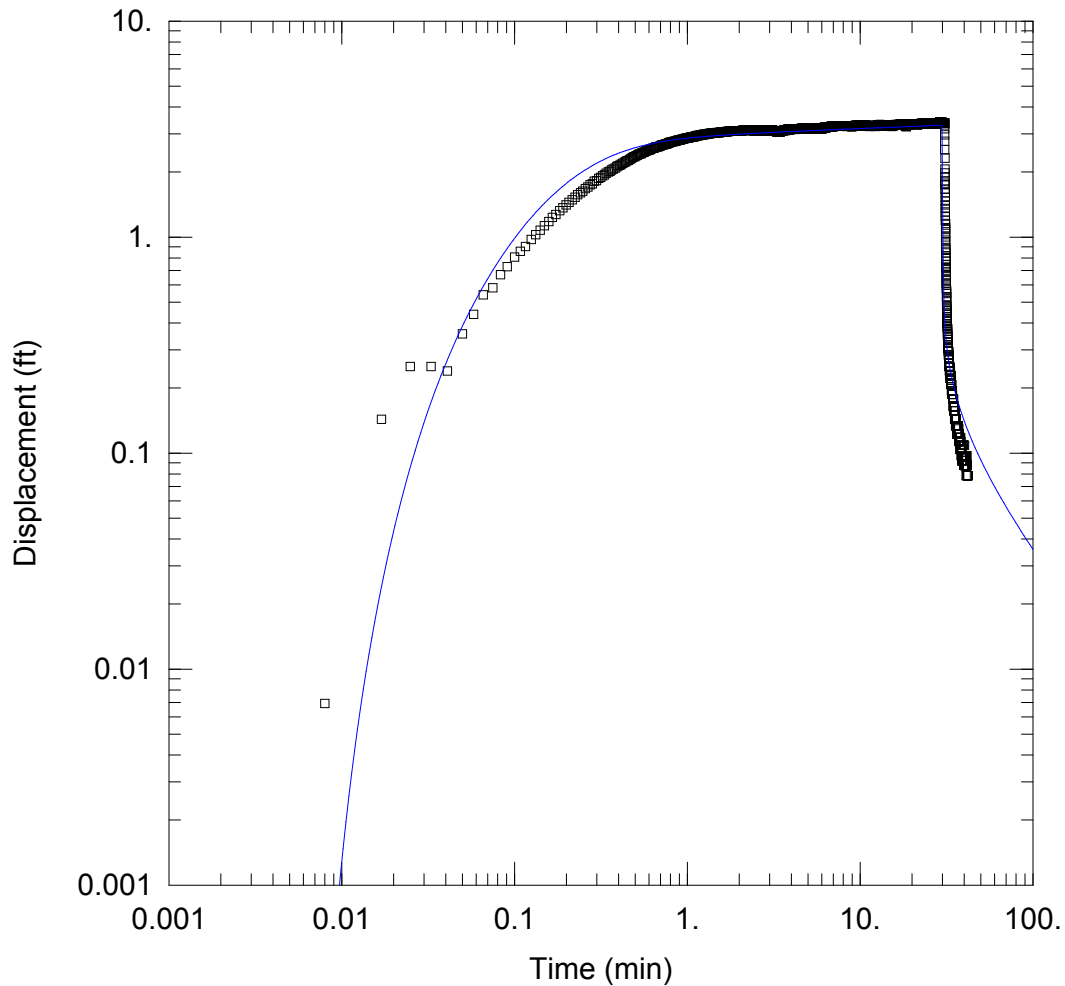
Initial Displacement: 10.5 ft
 Total Well Penetration Depth: 29.13 ft
 Casing Radius: 0.0833 ft

Static Water Column Height: 29.59 ft
 Screen Length: 20. ft
 Well Radius: 0.0833 ft

SOLUTION

Aquifer Model: Confined
 T = 19.11 ft²/day

Solution Method: Cooper-Bredehoeft-Papadopoulos
 S = 1.0E-10



MW-6I PUMP TEST

Data Set: S:\...\MW-6I\pump.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

Observation Wells

Well Name	X (ft)	Y (ft)
MW-6I	0	0

Well Name	X (ft)	Y (ft)
□ MW-6I	0	0

SOLUTION

Aquifer Model: Leaky

Solution Method: Neuman-Witherspoon

T = 5.928 ft²/day

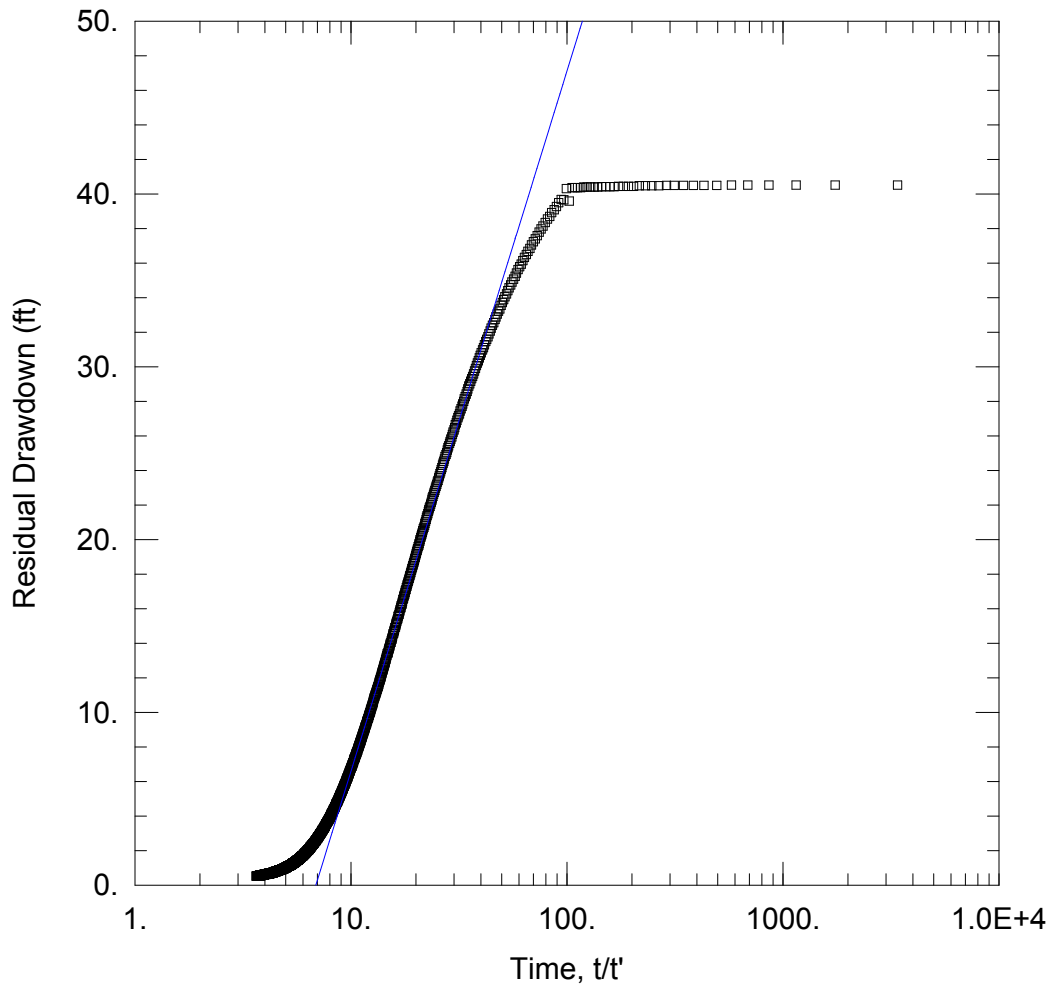
S = 0.1193

r/B = 1.217

β = 0.4167

T2 = 236.8 ft²/day

S2 = 0.06982



MW-71 PUMPING TEST

Data Set: S:\...\MW-71_Pump.aqt
 Date: 02/14/14

Time: 08:39:13

PROJECT INFORMATION

Company: URS
 Client: PCS
 Location: Moultrie, Georgia
 Test Well: MW-71
 Test Date: 12/04/2013

AQUIFER DATA

Saturated Thickness: 10. ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

Observation Wells

Well Name	X (ft)	Y (ft)
MW-71	0	0

Well Name	X (ft)	Y (ft)
□ MW-71	0	0

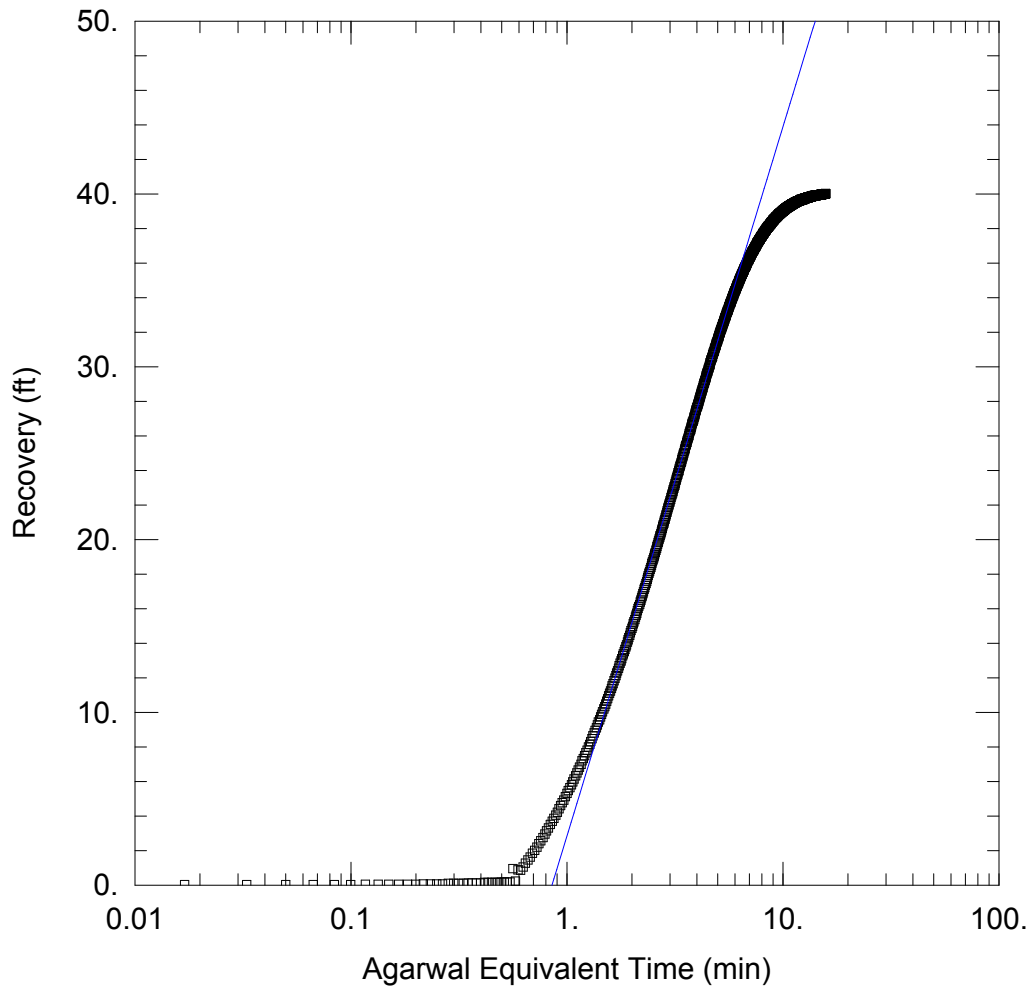
SOLUTION

Aquifer Model: Confined

Solution Method: Theis (Recovery)

T = 0.7482 ft²/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

Observation Wells

Well Name	X (ft)	Y (ft)
MW-7I	0	0

Well Name	X (ft)	Y (ft)
□ MW-7I	0	0

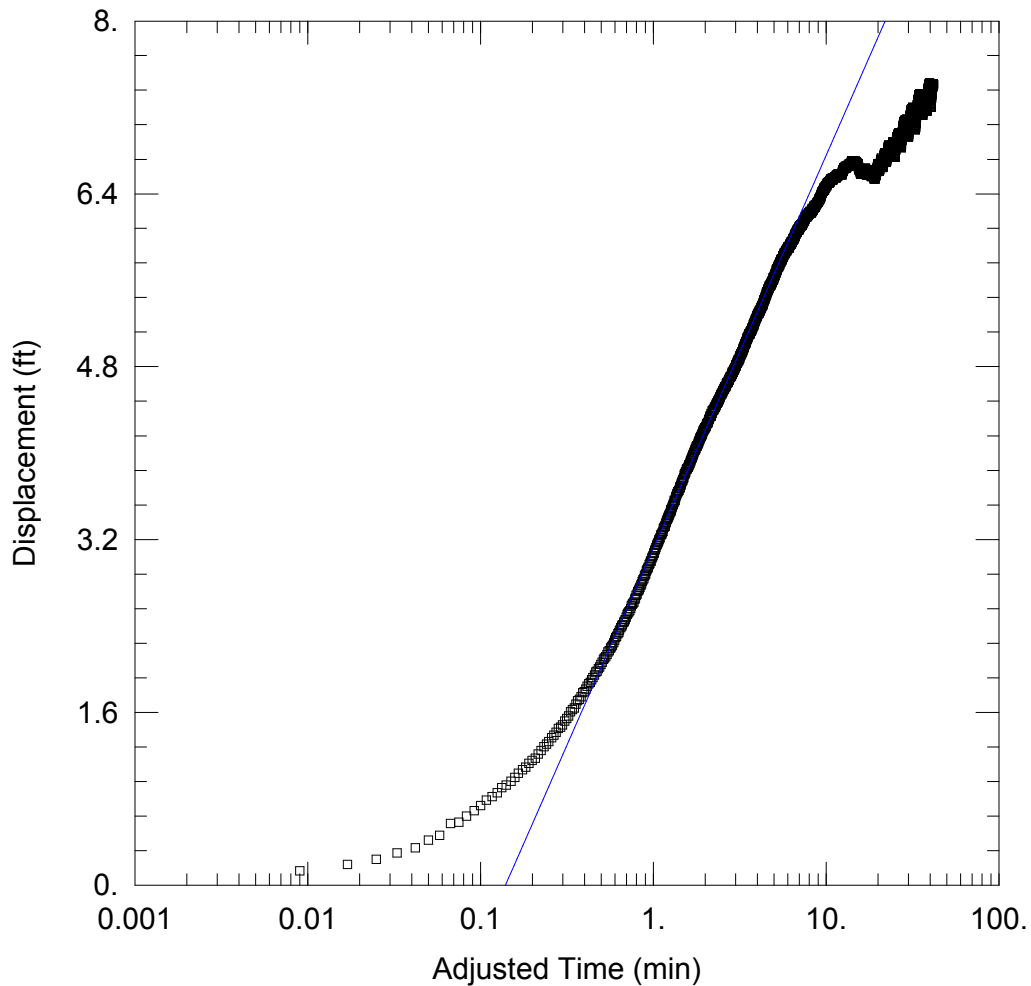
SOLUTION

Aquifer Model: Confined

Solution Method: Cooper-Jacob

T = 0.7391 ft²/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

Observation Wells

Well Name	X (ft)	Y (ft)
MW-48S	0	0

Well Name	X (ft)	Y (ft)
□ MW-48S	0	0

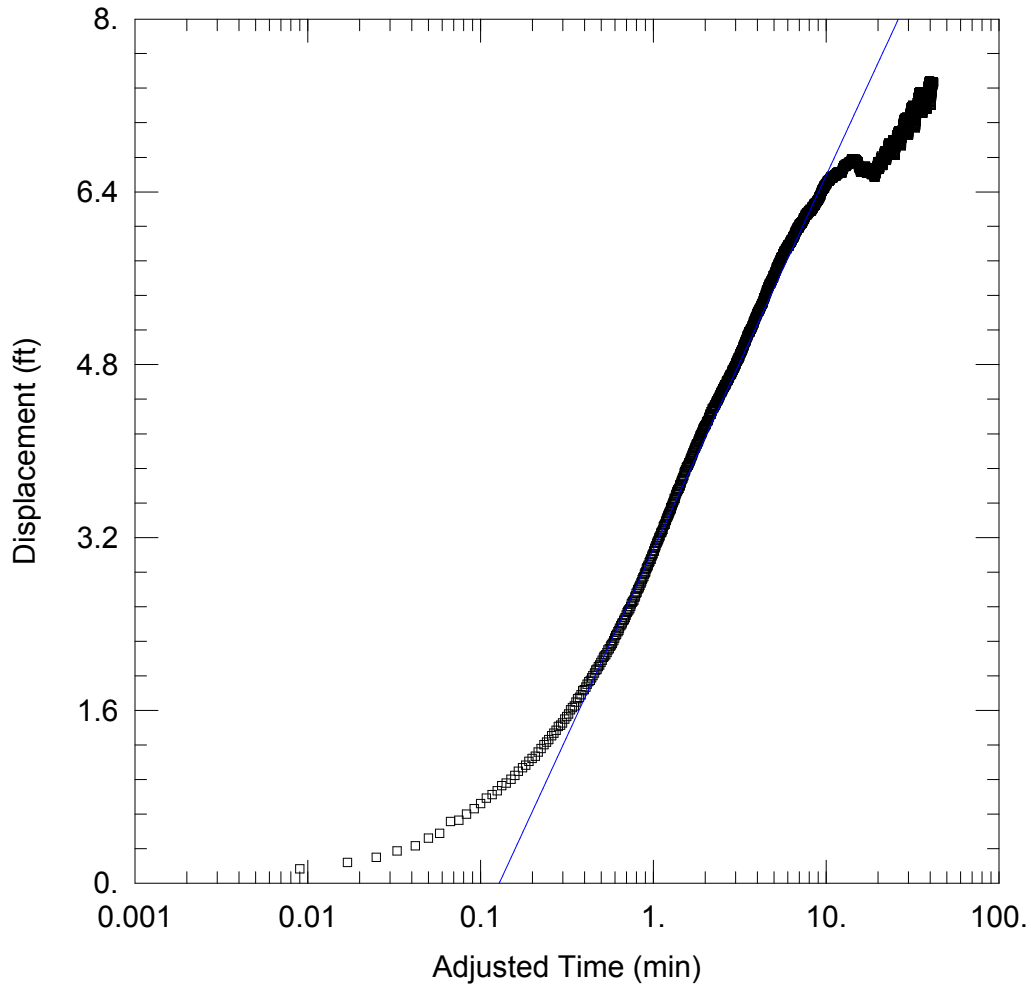
SOLUTION

Aquifer Model: Confined

Solution Method: Cooper-Jacob

T = 11.62 ft²/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

Observation Wells

Well Name	X (ft)	Y (ft)
MW-48S	0	0

Well Name	X (ft)	Y (ft)
□ MW-48S	0	0

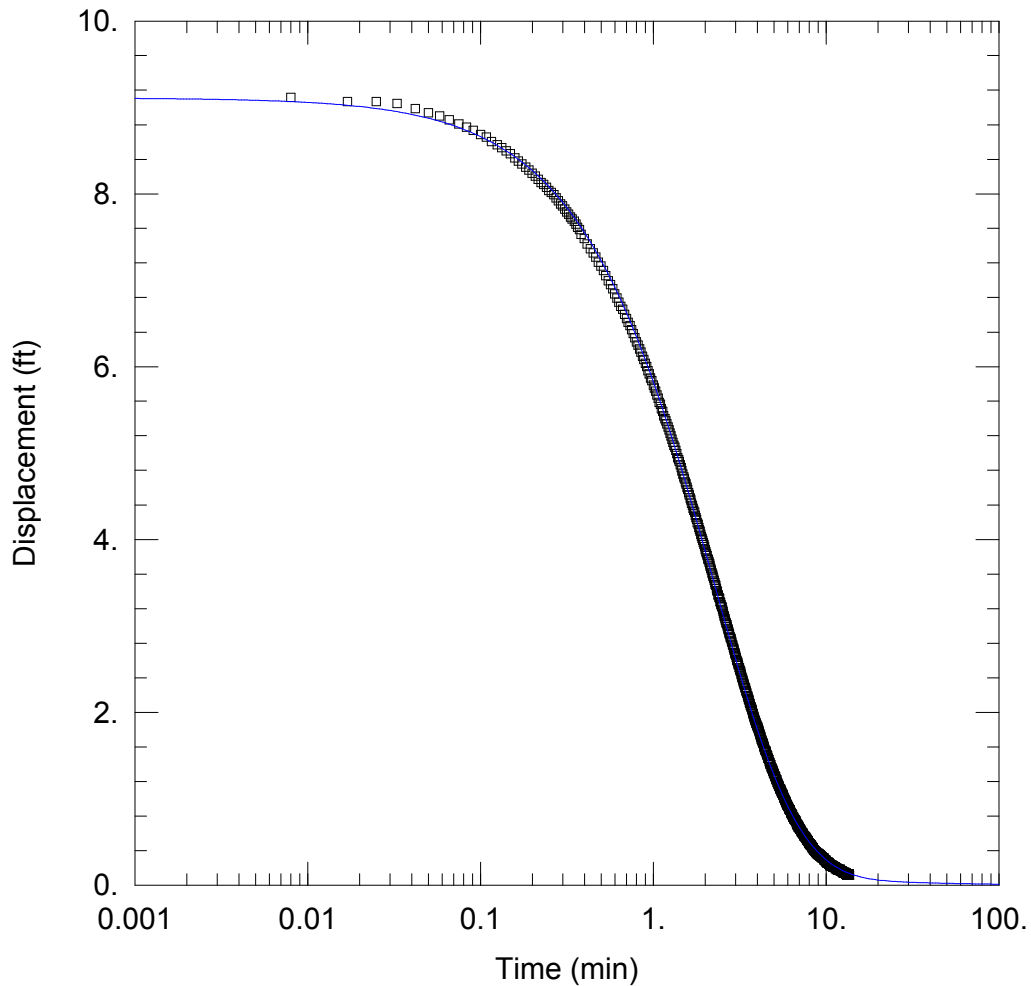
SOLUTION

Aquifer Model: Confined

Solution Method: Cooper-Jacob

T = 12.22 ft²/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
 T = 25.2 ft²/day

Solution Method: Cooper-Bredehoeft-Papadopoulos
 S = 4.098E-10

APPENDIX F

TABLE F-1

Table F-1 (CSR99)

May 1999

973-3788

TABLE 1
SUMMARY OF LEAD CONCENTRATIONS AS DETERMINED BY X-RAY FLUORESCENCE (XRF) AND LABORATORY TESTING
FARMERS FAVORITE FERTILIZER

MOULTRIE, GEORGIA

XRF POINT	LEAD CONCENTRATION (PPM)				
	SURFACE - 0.5 FT	0.5 - 1.5 FT	1.5 - 2.5 FT	2.5 - 3.5 FT	3.5 - 6 FT
X-1	3,280	2,950			
X-2	1,723	1,122			
X-3	2,620	2,369	2,710	169	
		3,150 (@ 1.5 ft)			
X-4	1,165	964			
X-5	3,360				
X-6	4,160				
X-7	393				
X-8	1,439	2,540	---	129	
X-9	2,980				
X-10	937	1,633	2,810	11	
X-11	1,977	1			
X-12	1,195	6,710	2,240	1,328	
		2,383 (@ 1.5 ft)			
X-13	2,190	149	BDL		
X-14	1,283	---	18 (@2.5 ft)		
X-15	140	3			
X-16	4,270	19,000 (42,000)	40	---	BDL (6.2)
X-17	2,410	6,360	1,049	3	
		4,910 (@ 1.5 ft)	429 (@2.5 ft)		
X-18	3,260				
X-19	5,610	---	1,686	4,810	156
X-20	11,070 (45,000)	5,810	1,958	17	
X-21	580	BDL	17		
X-22	3,220	106	239 (210)		
X-23	2,201	1,459	18	62	
X-24	85	77			
X-25	87				
X-26	BDL				
X-27	2,328	8,100 (24,000)	---	232	
		10,280			
X-28	3,070	880	63		
X-29	946	179			
X-30	73	2,210	18		
X-31	BDL				
X-32	2,081	489	4,160	2,480	
X-33	358	358	105		
X-34	795 (1,300)	4,730	3,280		
X-35	57				
X-36	1,810	3,110	79		
X-37	187				
X-38	1,208	Could not be Excavated	Near Water		
X-39	164	227			
X-40	7,870	BDL			
X-41	322	1,840	184	158	BDL (26)
X-42	3,380	2,019	60	112	
X-43	2,500	3,360	3,630	3,010	1,618 2,990 (@ 5 ft) 212 (@ 6 ft)
X-44	2,490	165	52		
X-45	55				
X-46	716 (1,800)	40			
X-47	608 (530)	87			
X-48	116				
X-49	1,137	3,090	714	14	
X-50	1,507 (3,000)				
X-51	2,410	4,270	667	1,158	

Table F-1 (CSR99)

May 1999		973-3788				
TABLE 1 SUMMARY OF LEAD CONCENTRATIONS AS DETERMINED BY X-RAY FLUORESCENCE (XRF) AND LABORATORY TESTING FARMERS FAVORITE FERTILIZER MOULTRIE, GEORGIA						
XRF POINT	LEAD CONCENTRATION (PPM)					
	SURFACE - 0.5 FT	0.5 - 1.5 FT	1.5 - 2.5 FT	2.5 - 3.5 FT	3.5 - 6 FT	
X-52	512					
X-53	240	11				
X-54	324	1				
X-55	61					
X-56	1,560	104				
X-57	100					
X-58	49					
X-59	BDL					
X-60	85					
X-61	47					
X-62	231	BDL	46			
		43				
X-63	90					
X-64	78	147	61			
X-65	421	14				
X-66	1,029					
X-67	3,420	156				
X-68	140					
X-69	1,494	41				
X-70	561					
X-71	3,370	19	85			
X-72	364	83				
X-73	652	265	51			
X-74	72					
X-75	189	119	176 (@ 1.5 ft)			
X-76	451					
X-77	632	1,025	93	354		
		538 (@ 1.5 ft)	553	251		
X-78	BDL					
X-79	87	BDL				
X-80	63					
X-81	661	63				
X-82	548	99				
X-83	627	BDL				
TP-1	89	761	14			
TP-2	746	609	440	116		
TP-3	2,610	372	Buried debris			

Notes:
 1) PPM = Parts Per Million
 2) BGS = Below Ground Surface
 3) BDL = Below Detection Limit
 4) (1,300) - Bold values in parentheses are results of total lead analysis (EPA Method 6010) performed by a laboratory. laboratory concentrations are measured in milligrams per kilogram (mg/Kg).
 5) (@ 1.5 ft) Depth of lead analysis
 6) TP-1, Test pit location

FN: c:\kameron\reports\973-3788\xrf.xls

Table F-1 (CSR99)

SAMPLE ID		DEPTH (feet bgs)	SAMPLE ASSOCIATION	ARSENIC mg/kg ¹	BARIUM mg/kg	CADMIUM mg/kg	CHROMIUM mg/kg	LEAD mg/kg	MERCURY mg/kg	SILVER mg/kg
SS-1	GS ²	2	TB	<10.0 ³	18	8.2	34	63	0.035	<10.0 ²
				--	--	--	--	190	--	--
SS-2	GS	2	TB	3.8	17	1.3	13	41	0.027	<1.0
				<10.0 ³	21	<5.0 ³	27	8	0.022	<10.0 ²
				<10.0 ³	16	<5.0 ³	29	16	0.036	<10.0 ²
SS-3	GS	2	TB	2.9	20	<0.5	16	40	0.021	<1.0
				9.8	38	<0.5	14	85	0.037	<1.0
				<10.0 ³	13	<5.0 ³	19	12	<0.02	<10.0 ²
SS-4	GS	2	TB	<5.0 ³	33	<2.5 ³	11	28	0.071	<5.0 ²
				<1.0	18	<0.5	14	7.4	0.033	<1.0
				<1.0	7.7	<0.5	7.2	5.7	0.024	<1.0
SS-5	GS		PI	<5.0 ³	23	<2.5 ³	14	160	<0.02	<5.0 ²
SS-6	GS	2	TB	5	19	<2.5 ³	20	28	0.026	<5.0 ²
				3.9	42	<0.5	21	22	0.12	<1.0
				<1.0	19	<0.5	4	5.2	<0.02	<1.0
SS-7	GS	2	PI	3.2	25	<0.5	12	4,900	0.042	<1.0
				<5.0 ³	21	<2.5 ³	12	2,200	0.021	<5.0 ²
				3.3	81	<0.5	7.6	410	0.42	<1.0
SS-8	GS		PI	<10.0 ³	20	<5.0 ³	45	820	0.19	<10.0 ²
SS-9	GS	2	PI	4.5	20	0.85	19	570	0.054	<1.0
				2	20	<0.5	9.8	16	0.03	<1.0
				1.4	23	<0.5	11	14	<0.02	<1.0
SS-10	GS		PI	<10.0 ³	38	<5.0 ³	20	2,900	0.088	<10.0 ²
SS-11	GS	2	PI	3.8	41	1.2	29	230	0.091	<1.0
				--	--	--	--	9.7	--	--
				--	--	--	--	14	--	--
SS-12	GS	2	PI	3.8	27	<0.5	15	1,600	0.083	<1.0
				2.5	28	<0.5	16	150	0.084	<1.0
				2.2	12	<0.5	18	56	<0.02	<1.0
SS-13	GS		PI	6.5	67	2.1	30	760	0.25	<2.0 ²
SS-14	GS	2	PI	10	64	2.2	40	15,000	0.6	<5.0 ²
				<10.0 ³	11	<5.0 ³	25	150	0.027	<10.0 ²
SS-15	GS		TB	2.2	16	0.55	12	58	<0.02	<1.0
SS-16	GS	2	PI	3.2	33	0.61	17	100	0.043	<1.0
				--	--	--	--	70	--	--
				--	--	--	--	11	--	--
SS-17	GS	2	PI	5.5	61	3.2	44	760	0.16	<1.0
				12	1,400	<5.0 ³	240	3,300	0.47	<10.0 ²
SS-18	GS	4	PI	3.3	30	1.5	26	250	0.066	<2.0 ²
				--	--	--	--	560	--	--
SS-19	GS		PI	5.2	76	1.5	23	390	0.33	<2.0 ²
SS-20	GS		PI	4	110	2.2	54	960	0.25	<1.0
SS-21	GS		PI	48	160	5.1	91	900	0.18	3.8
SS-22	GS		TB	1.2	17	<0.5	8	31	0.027	<1.0
SS-23	GS	2	PI	3	38	1	21	190	0.11	<1.0
				--	--	--	--	710	--	--
				--	--	--	--	90	--	--
SS-24	GS	2	PI	3.9	40	<2.5 ³	24	550	0.2	<5.0 ²
				1.8	44	<0.5	14	120	0.63	<1.0
SS-25	GS	2	PI	5.9	28	<2.5 ³	15	1,800	0.22	<5.0 ²
				3.7	27	<0.5	13	1,700	0.083	<1.0
				--	--	--	--	2,100	--	--
SS-26	GS	2	PI	<10.0 ³	210	<2.5 ³	31	870	1.2	<5.0 ²
				9.7	450	<5.0 ³	24	1,400	0.91	<10.0 ²
				--	--	--	--	780	--	--

Table F-1 (CSR99)

May 1999

973-3788

TABLE 7
SUMMARY OF DETECTED PARAMETERS IN SOIL
FARMERS FAVORITE FERTILIZER

MOULTRIE, GEORGIA

SAMPLE ID	DEPTH (feet bgs)	SAMPLE ASSOCIATION	ARSENIC mg/kg ¹	BARIUM mg/kg	CADMIUM mg/kg	CHROMIUM mg/kg	LEAD mg/kg	MERCURY mg/kg	SILVER mg/kg
SS-27	2	PI	6.6	44	<0.5	21	33,000	0.12	1.5
	5		<1.0	16	<0.5	3.2	1,500	0.032	<1.0
	7		--	--	--	--	4.6	--	--
SS-28	2	PI	9.9	610	<5.0 ³	53	980	0.72	<10.0 ²
SS-29	2	PI	2.1	28	<0.5	11	99	0.065	<1.0
SS-30	5	TB	<10.0 ³	57	<5.0 ³	52	48	<0.02	<10.0 ²
SS-31	5	TB	<5.0 ³	12	<2.5 ³	21	21	0.026	<5.0 ²
	2		--	--	--	--	8.5	--	--
SS-32	5	PI	1.9	30	<0.5	2.2	130	<0.02	<1.0
SS-33	5	PI	5.2	35	<0.5	24	1,200	0.44	<1.0
SS-34	5	PI	2	22	<0.5	8	360	0.26	<1.0
SS-N1	GS	TB	--	--	--	--	26	--	--
	2		--	--	--	--	4.9	--	--
	5		--	--	--	--	3.9	--	--
SS-N2	GS	EB	--	--	<0.5	--	93	--	--
	2		--	--	<0.5	--	51	--	--
	5		--	--	<0.5	--	26	--	--
SS-N3	GS	EB	--	--	<0.5	--	980	--	--
	2		--	--	<5.0 ³	--	150	--	--
	5		--	--	<0.5	--	21	--	--
SS-N4	GS	EB	--	--	--	--	410	--	--
SS-N5	GS	EB	--	--	--	--	160	--	--
	2		--	--	--	--	8.7	--	--
SS-E1	GS	TB	--	--	--	--	28	--	--
SS-E2	GS	EB	--	--	2.5	--	840	--	--
	2		--	--	<0.5	--	50	--	--
	5		--	--	<0.5	--	32	--	--
SS-E3	GS	EB	1.9	--	0.82	--	130	--	<1.0
	2		3	--	2.8	--	190	--	<1.0
	5		3.9	--	1	--	150	--	<1.0
SS-E4	GS	EB	8.0	--	<2.5 ³	--	520	--	<5.0 ²
	2		6.0	--	<5.0 ³	--	290	--	<10.0 ²
	5		5.7	--	0.95	--	210	--	<1.0
SS-E5	GS	EB	--	--	1.4	--	410	--	--
	2		--	--	<5.0 ³	--	4,600	--	--
	5		--	--	<5.0 ³	--	550	--	--
SS-E6	GS	PI	5.0	--	<1.0	--	290	--	<2.0
	2		2.0	--	1.6	--	220	--	<1.0
	5		2.3	--	1	--	110	--	<1.0
SS-E7	GS	EB	5.9	--	<2.5 ³	--	290	--	<5.0 ²
	2		2.6	--	<0.5	--	81	--	<1.0
	5		17	--	<5.0 ³	--	920	--	<10.0 ²
	7		--	--	--	--	20	--	--
SS-E8	GS	EB	2.9	--	1.5	--	270	--	<1.0
	2		1.2	--	<0.5	--	63	--	<1.0
	5		4.2	--	<1.0	--	260	--	2
SS-E9	GS	EB	4.3	--	<0.5	--	170	--	<1.0
	2		16	--	<5.0 ³	--	820	--	<10.0 ²
	5		1.4	--	<0.5	--	28	--	<1.0
SS-E10	GS	EB	5.8	--	<1.0	--	220	--	2.8
	2		2.0	--	<0.5	--	40	--	<1.0
	5		2.0	--	<0.5	--	6.5	--	<1.0
SS-E11	GS	EB	--	--	--	--	54	--	--
	2		--	--	--	--	260	--	--
	5		--	--	--	--	650	--	--
	7		--	--	--	--	7.8	--	--

Table F-1 (CSR99)

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TABLE 7

SUMMARY OF DETECTED PARAMETERS IN SOIL
FARMERS FAVORITE FERTILIZER

MOULTRIE, GEORGIA

SAMPLE ID	DEPTH (feet bgs)	SAMPLE ASSOCIATION	ARSENIC mg/kg ¹	BARIUM mg/kg	CADMIUM mg/kg	CHROMIUM mg/kg	LEAD mg/kg	MERCURY mg/kg	SILVER mg/kg
SS-E12	GS	EB	--	--	--	--	130	--	--
	2		--	--	--	--	310	--	--
	5		--	--	--	--	6	--	--
	7		--	--	--	--	13	--	--
SS-E13	GS	EB	--	--	--	33	--	<1.0	
SS-E14	GS	EB	--	--	--	180	--	<1.0	
SS-E15	GS	EB	--	--	--	--	170	--	--
	2		--	--	--	--	7.8	--	--
SS-E16	GS	TB	--	--	--	--	26	--	--
SS-W1	2	TB	--	--	--	--	20	--	--
SS-S1	2	TB	--	--	--	--	160	--	--
SS-S2	GS	TB	--	--	--	--	64	--	--
	2		--	--	--	--	16	--	--
	5		--	--	--	--	8.7	--	--
SS-S3	2	TB	--	--	--	--	19	--	--
SS-S4	2	TB	--	--	--	--	48	--	--
SWS-1 ³	NA	NA	3.1	10	<0.5	7.7	14	<0.02	<1.0
SWS-2 ³	NA	NA	1.8	25	<0.5	7.1	73	0.18	<1.0
SWS-3 ³	NA	NA	4.4	63	0.76	22	66	<0.02	1.3

Notes:

- 1 - Ground surface soil samples were collected approximately 2 to 3 inches below existing ground surface.
 2 - Elevated detection limit was reported due to sample matrix interference which required sample or extract dilution.
 3 - SWS = Surface water sediment sample collected in the unnamed tributary.

bgs = below ground surface

NA = Not Applicable

TB = True Background

EB = Elevated Background

PI = Potentially Impacted

mg/kg = milligrams per kilogram.

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Table F-1 (CSRAdd)

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TABLE 3

SUMMARY OF DETECTED PARAMETERS IN SOIL
FORMER SULFURIC ACID PLANT AREA
FARMERS FAVORITE FERTILIZER
HIS SITE NUMBER 10259

MOULTRIE, GEORGIA

SAMPLE ID	DEPTH (feet bgs)	SAMPLE ASSOCIATION	ARSENIC 7.8 ¹ mg/kg	BARIUM 48.3 ¹ mg/kg	CADMIUM 5.4 ¹ mg/kg	CHROMIUM 48.7 ¹ mg/kg	LEAD 127 ¹ mg/kg	MERCURY 0.086 ¹ mg/kg	SILVER 4.5 ¹ mg/kg	pH
SS-1	GS ²	TB	<10.0 ⁴	18	8.2	34	63	0.035	<10.0 ⁴	—
	2		—	—	—	—	190	—	—	—
SS-2	GS	TB	3.8	17	1.3	13	41	0.027	<1.0	—
	2		<10.0 ⁴	21	<5.0 ⁴	27	8	0.022	<10.0 ⁴	—
	5		<10.0 ⁴	16	<5.0 ⁴	29	16	0.036	<10.0 ⁴	—
SS-3	GS	TB	2.9	20	<0.5	16	40	0.021	<1.0	—
	2		9.8	38	<0.5	14	85	0.037	<1.0	—
	5		<10.0 ⁴	13	<5.0 ⁴	19	12	<0.02	<10.0 ⁴	—
SS-4	GS	TB	<5.0 ⁴	33	<2.5 ⁴	11	28	0.071	<5.0 ⁴	—
	2		<1.0	18	<0.5	14	7.4	0.033	<1.0	—
	5		<1.0	7.7	<0.5	7.2	5.7	0.024	<1.0	—
	7		—	—	—	—	21	—	—	—
SS-5	GS	PI	<5.0 ⁴	23	<2.5 ⁴	14	160	<0.02	<5.0 ⁴	—
SS-6	GS	TB	5	19	<2.5 ⁴	20	28	0.026	<5.0 ⁴	—
	2		3.9	42	<0.5	21	22	0.12	<1.0	—
	5		<1.0	19	<0.5	4	5.2	<0.02	<1.0	—
SS-7	GS	PI	3.2	25	<0.5	12	4,900	0.042	<1.0	—
	2		<5.0 ⁴	21	<2.5 ⁴	12	2,200	0.021	<5.0 ⁴	—
	5		3.3	81	<0.5	7.6	410	0.42	<1.0	—
	10		—	—	—	—	170	<0.02	—	3.7
	12		—	—	—	—	82	—	—	—
SS-8	GS	PI	<10.0 ⁴	20	<5.0 ⁴	45	820	0.19	<10.0 ⁴	—
SS-9	GS	PI	4.5	20	0.85	19	570	0.054	<1.0	—
	2		2	20	<0.5	9.8	16	0.03	<1.0	—
	5		1.4	23	<0.5	11	14	<0.02	<1.0	—
SS-10	GS	PI	<10.0 ⁴	38	<5.0 ⁴	20	2,900	0.088	<10.0 ⁴	—
	12		—	—	—	—	5.2	—	—	—
SS-11	GS	PI	3.8	41	1.2	29	230	0.091	<1.0	—
	2		—	—	—	—	9.7	—	—	—
	5		—	—	—	—	14	—	—	—
SS-12	GS	PI	3.8	27	<0.5	15	1,600	0.083	<1.0	—
	2		2.5	28	<0.5	16	150	0.084	<1.0	—
	5		2.2	12	<0.5	18	56	<0.02	<1.0	—
	12		—	—	—	—	8.8	—	—	—
SS-13	GS	PI	6.5	67	2.1	30	760	0.25	<2.0 ⁴	—
SS-14	GS	PI	10	64	2.2	40	15,000	0.6	<5.0 ⁴	—
	2		<10.0 ⁴	11	<5.0 ⁴	25	150	0.027	<10.0 ⁴	—
SS-15	GS	TB	2.2	16	0.55	12	58	<0.02	<1.0	—
SS-16	GS	PI	3.2	33	0.61	17	100	0.043	<1.0	—
	2		—	—	—	—	70	—	—	—
	5		—	—	—	—	11	—	—	—
SS-17	GS	PI	5.5	61	3.2	44	760	0.16	<1.0	—
	2		12	1,400	<5.0 ⁴	240	3,300	0.47	<10.0 ⁴	—
	5		7.8	120	—	20	390	0.03	—	6.4
	7		43	68	—	26	230	0.12	—	5.7
	10		<1.0	—	—	—	65	0.041	—	6.5

Table F-1 (CSRAdd)

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TABLE 3

SUMMARY OF DETECTED PARAMETERS IN SOIL
 FORMER SULFURIC ACID PLANT AREA
 FARMERS FAVORITE FERTILIZER
 HIS SITE NUMBER 10259

MOULTRIE, GEORGIA

SAMPLE ID	DEPTH (feet bgs)	SAMPLE ASSOCIATION	ARSENIC 7.8 ¹ mg/kg	BARIUM 48.3 ¹ mg/kg	CADMIUM 5.4 ¹ mg/kg	CHROMIUM 48.7 ¹ mg/kg	LEAD 127 ¹ mg/kg	MERCURY 0.086 ¹ mg/kg	SILVER 4.5 ¹ mg/kg	pH
SS-18	GS	PI	3.3	30	1.5	26	250	0.066	<2.0 ⁴	—
	2		5.6	120	—	30	550	0.51	—	6.9
	4		—	—	—	—	560	—	—	—
	5		—	—	—	—	47	0.11	—	5.7
	7		—	—	—	—	10	0.2	—	5.6
SS-19	GS	PI	5.2	76	1.5	23	390	0.33	<2.0 ⁴	—
	2		4	110	2.2	54	960	0.25	<1.0	—
	5		1.6	79	—	10	1,600	0.24	—	6.4
	7		—	50	—	—	—	—	—	—
	SS-20		GS	PI	4	140	—	27	2,100	0.47
2	4	140	—		27	2,100	0.47	—	3.7	
5	1.6	79	—		10	1,600	0.24	—	6.4	
7	—	50	—		—	—	—	—	—	
SS-21	GS	PI	48	160	5.1	91	900	0.18	3.8	—
	2		34	210	—	83	490	3.7	—	5.8
	5		11	300	—	39	760	0.19	—	7.3
	7		—	3.1	—	—	—	—	—	—
SS-22	GS	TB	1.2	17	<0.5	8	31	0.027	<1.0	—
SS-23	GS	PI	3	38	1	21	190	0.11	<1.0	—
	2		—	—	—	—	710	—	—	—
	5		—	—	—	—	90	—	—	—
SS-24	2	PI	3.9	40	<2.5 ⁴	24	550	0.2	<5.0 ⁴	—
	5		1.8	44	<0.5	14	120	0.63	<1.0	—
	7		—	—	—	—	36	<0.02	—	—
	10		—	—	—	—	11	<0.02	—	3.9
SS-25	2	PI	5.9	28	<2.5 ⁴	15	1,800	0.22	<5.0 ⁴	—
	5		3.7	27	<0.5	13	1,700	0.083	<1.0	—
	6		—	—	—	—	2,100	—	—	—
	10		—	—	—	—	120	<0.02	—	3.5
SS-26	2	PI	<10.0 ⁴	210	<2.5 ⁴	31	870	1.2	<5.0 ⁴	—
	5		9.7	450	<5.0 ⁴	24	1,400	0.91	<10.0 ⁴	—
	7		<1.0	30	—	—	31	<0.02	—	5.7
	10		—	—	—	—	90	0.065	—	6.8
SS-27	2	PI	6.6	44	<0.5	21	33,000	0.12	1.5	—
	5		<1.0	16	<0.5	3.2	1,500	0.032	<1.0	—
	7		—	13	—	—	4.6	—	—	—
SS-28	2	PI	9.9	610	<5.0 ⁴	53	980	0.72	<10.0 ⁴	—
	5		6	250	—	42	660	0.59	—	6.9
	7		<1.0	23	—	13	23	0.029	—	5.9
	10		<1.0	—	—	—	—	—	—	—
SS-29	2	PI	2.1	28	<0.5	11	99	0.065	<1.0	—
	7		<1.0	—	—	—	—	—	—	—
	10		<1.0	—	—	—	—	—	—	—
SS-30	5	TB	<10.0 ⁴	57	<5.0 ⁴	52	48	<0.02	<10.0 ⁴	—
SS-31	5	TB	<5.0 ⁴	12	<2.5 ⁴	21	21	0.026	<5.0 ⁴	—
	2		—	—	—	—	8.5	—	—	—
SS-32	5	PI	1.9	30	<0.5	2.2	130	<0.02	<1.0	—
	7		—	—	—	—	11	<0.02	—	3.4
	10		—	—	—	—	45	<0.02	—	—

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TABLE 3

SUMMARY OF DETECTED PARAMETERS IN SOIL
FORMER SULFURIC ACID PLANT AREA
FARMERS FAVORITE FERTILIZER
HIS SITE NUMBER 10259

MOULTRIE, GEORGIA

SAMPLE ID	DEPTH (feet bgs)	SAMPLE ASSOCIATION	ARSENIC 7.8 ¹ mg/kg	BARIUM 48.3 ¹ mg/kg	CADMIUM 5.4 ¹ mg/kg	CHROMIUM 48.7 ¹ mg/kg	LEAD 127 ¹ mg/kg	MERCURY 0.086 ¹ mg/kg	SILVER 4.5 ¹ mg/kg	pH
SS-33	5	PI	5.2	35	<0.5	24	1,200	0.44	<1.0	—
	7		—	—	—	—	1,600	0.023	—	6.8
	10		—	—	—	—	1,200	0.084	—	6.7
	12		—	—	—	—	10	—	—	—
SS-34	5	PI	2	22	<0.5	8	360	0.26	<1.0	—
	7		—	—	—	—	6.2	—	—	—
	10		—	—	—	—	32	—	—	—
SS-35	2	PI	—	—	—	—	32	—	—	—
SS-37	12	PI	12	—	—	—	11	—	—	—
SS-N1	GS	TB	—	—	—	—	26	—	—	—
	2		—	—	—	—	4.9	—	—	—
	5		—	—	—	—	3.9	—	—	—
	7		—	—	—	—	—	—	—	—
SS-N2	GS	EB	—	—	<0.5	—	93	—	—	—
	2		1.1	18	<0.5	—	44	0.032	—	6.1
	5		2.2	53	<0.5	—	44	0.056	—	6.2
	7		—	—	—	—	39	0.062	—	6.1
	10		—	—	—	—	19	0.028	—	6
SS-N3	GS	EB	—	—	<0.5	—	980	—	—	—
	2		1.6	—	<5.0 ⁴	—	150	<0.02	—	4.3
	5		1.9	9.7	<0.5	—	21	<0.02	—	4.6
SS-N4	GS	EB	—	—	—	—	410	—	—	—
SS-N5	GS	EB	—	8.3	—	—	160	—	—	—
	2		—	—	—	—	8.7	—	—	—
SS-N6	GS	TB	—	—	<0.50	—	33	0.027	—	5.0
	2		—	—	—	—	28	0.032	—	5.2
SS-N7	GS	TB	—	—	<0.50	—	31	0.025	—	6.2
SS-N8	2	TB	—	—	—	—	—	<0.02	—	4.4
SS-N9	2	TB	—	—	—	—	19	0.021	—	4.7
	5	TB	—	—	—	—	20	—	—	5
SS-N10	GS	TB	—	—	—	—	44	—	—	—
SS-E1	GS	TB	—	—	—	—	28	—	—	—
	2		—	—	—	—	30	—	—	—
SS-E2	GS	EB	—	—	2.5	—	840	—	—	—
	2		2.9	61	<0.5	7.1	50	0.041	—	6.8
	5		4.6	100	<0.5	—	32	—	—	—
SS-E3	GS	EB	1.9	43	0.82	16	130	0.25	<1.0	5.5
	2		3	—	2.8	—	190	—	<1.0	—
	5		3.9	—	1	—	150	—	<1.0	—
	7		1.3	—	—	—	—	—	—	—
	10		3.4	—	—	—	—	—	—	—
SS-E4	GS	EB	8.0	—	<2.5 ⁴	—	520	—	<5.0 ⁴	—
	2		6.0	860	<5.0 ⁴	33	290	1.2	<10.0 ⁴	6.5
	5		5.7	200	0.95	17	210	0.039	<1.0	6.6
SS-E5	GS	EB	—	—	1.4	—	410	—	—	—
	2		—	—	<5.0 ⁴	—	4,600	—	—	—
	5		—	—	<5.0 ⁴	—	550	—	—	—

Table F-1 (CSRAdd)

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TABLE 3											
SUMMARY OF DETECTED PARAMETERS IN SOIL											
FORMER SULFURIC ACID PLANT AREA											
FARMERS FAVORITE FERTILIZER											
HIS SITE NUMBER 10259											
MOULTRIE, GEORGIA											
SAMPLE ID	DEPTH (feet bgs)	SAMPLE ASSOCIATION	ARSENIC 7.8 ¹ mg/kg	BARIUM 48.3 ¹ mg/kg	CADMIUM 5.4 ¹ mg/kg	CHROMIUM 48.7 ¹ mg/kg	LEAD 127 ¹ mg/kg	MERCURY 0.086 ¹ mg/kg	SILVER 4.5 ¹ mg/kg	pH	
SS-E6	GS	PI	5.0	55	<1.0	10	290	0.42	<2.0	5.2	
	2		2.0	—	1.6	—	220	—	<1.0	—	
	5		2.3	—	1	—	110	—	<1.0	—	
SS-E7	GS	EB	5.9	—	<2.5 ⁴	—	290	—	<5.0 ⁴	—	
	2		2.6	79	<0.5	120	81	1.2	<1.0	6.5	
	5		17	270	<5.0 ⁴	38	920	0.059	<10.0 ²	6.6	
	7		—	—	—	—	20	—	—	—	
SS-E8	GS	EB	2.9	—	1.5	—	270	—	<1.0	—	
	2		1.2	79	<0.5	24	63	3.3	<1.0	5.9	
	5		4.2	78	<1.0	34	260	0.82	2	6.2	
SS-E9	GS	EB	4.3	78	<0.5	21	170	0.23	<1.0	7.2	
	2		16	—	<5.0 ⁴	—	820	—	<10.0 ⁴	—	
	5		1.4	—	<0.5	—	28	—	<1.0	—	
SS-E10	GS	EB	5.8	32	<1.0	16	220	0.091	2.8	6.0	
	2		2.0	—	<0.5	—	40	—	<1.0	—	
	5		2.0	—	<0.5	—	6.5	—	<1.0	—	
SS-E11	GS	EB	—	28	<0.50	—	54	0.03	—	5.7	
	2		—	—	—	—	260	—	—	—	
	5		—	—	—	—	650	—	—	—	
	7		—	—	—	—	7.8	—	—	—	
SS-E12	GS	EB	—	—	—	—	130	—	—	—	
	2		—	—	—	—	310	—	—	—	
	5		—	19	—	—	6	—	—	—	
	7		—	—	—	—	13	—	—	—	
SS-E13	GS	EB	—	—	—	—	33	—	<1.0	—	
	5		—	23	—	—	—	—	—	—	
SS-E14	GS	EB	—	—	—	—	180	—	<1.0	—	
	5		—	13	—	—	—	—	—	—	
SS-E15	GS	EB	—	—	—	—	170	—	—	—	
	2		4.4	—	—	—	7.8	—	—	5.1	
	5		—	12	—	—	—	—	—	—	
SS-E16	GS	TB	—	—	—	—	26	—	—	—	
SS-E17	GS	PI	—	—	—	18	68	0.12	—	6.4	
SS-E18	GS	TB	—	24	<0.50	11	33	0.031	—	7.6	
	—		—	—	—	—	—	—	—	—	
SS-E19	GS	TB	7.5	160	—	9.6	26	0.038	—	6.2	
	2		3.9	22	—	29	7.8	0.02	—	5.8	
SS-E20	2	PI	2.4	—	—	—	21	—	—	7.1	
	5		<1.0	22	—	—	—	—	—	—	
SS-E21	2	PI	—	—	—	—	610	—	—	7	
SS-E22	GS	TB	—	21	—	—	—	—	—	—	
SS-E23	GS	TB	—	47	—	—	—	—	—	—	
SS-W1	2	EB	3.9	—	—	—	20	—	—	6.5	
SS-W2	GS	EB	2.6	—	3.2	—	—	—	—	5.2	
SS-W3	2	EB	—	—	—	—	38	0.068	—	3.6	
SS-W4	2	EB	—	—	—	—	28	0.032	—	3.2	
SS-W5	GS	EB	—	—	—	—	10	—	—	—	
	2		—	—	—	—	—	0.018	—	6.7	
SS-W6	2	EB	4.3	—	—	—	39	0.055	—	—	

Table F-1 (CSRAdd)

JUNE 2000		973-3788									
TABLE 3											
SUMMARY OF DETECTED PARAMETERS IN SOIL FORMER SULFURIC ACID PLANT AREA FARMERS FAVORITE FERTILIZER HIS SITE NUMBER 10259 MOULTRIE, GEORGIA											
SAMPLE ID	DEPTH (feet bgs)	SAMPLE ASSOCIATION	ARSENIC 7.8 ¹ mg/kg	BARIUM 48.3 ¹ mg/kg	CADMIUM 5.4 ¹ mg/kg	CHROMIUM 48.7 ¹ mg/kg	LEAD 127 ¹ mg/kg	MERCURY 0.086 ¹ mg/kg	SILVER 4.5 ¹ mg/kg	pH	
SS-W7	2	EB	—	—	—	—	58	<0.02	—	6.9	
SS-W8	GS	EB	—	—	<0.50	—	390	—	—	3.7	
	5		—	—	—	—	42	<0.02	—	3.4	
	7		—	—	—	—	130	<0.02	—	3.5	
	10		—	—	—	—	31	<0.02	—	3.5	
SS-W9	GS	EB	—	—	—	—	1,200	—	—	3.6	
	5		—	—	—	—	—	<0.02	—	4.3	
SS-S1	2	TB	3.4	—	—	—	160	—	—	7.1	
SS-S2	GS	TB	—	—	—	—	64	—	—	—	
	2		—	—	—	—	16	—	—	—	
	5		—	—	—	—	8.7	—	—	—	
SS-S3	2	TB	1.1	—	—	—	19	—	—	5.7	
SS-S4	2	TB	—	—	—	—	48	—	—	—	
SS-S5	5	TB	—	—	—	—	190	0.024	—	6.2	
SWS-1 ³	NA ³	NA	3.1	10	<0.5	7.7	14	<0.02	<1.0	—	
SWS-2 ³	NA	NA	1.8	25	<0.5	7.1	73	0.18	<1.0	—	
SWS-3 ³	NA	NA	4.4	63	0.76	22	66	<0.02	1.3	—	

Notes:
bgs = below ground surface
mg/kg = milligrams per kilogram.
— = specified parameter not analyzed.
TB = True Background
EB = Elevated Background
PI = Potentially Impacted
1 - Delineation limit.
2 - GS = Ground surface soil samples, collected approximately 2 to 3 inches below existing ground surface.
3 - NA = Not Applicable
4 - Elevated detection limit was reported due to sample matrix interference which required sample or extract dilution.
5 - SWS = Surface water sediment sample collected in unnamed tributary.

FN: g:\projects\973-3788\csr\table3.xls

Table F-1 (CSRAdd)

June 2000		973-3788		
<p>TABLE 5</p> <p>SUMMARY OF SPLP SOIL ANALYSIS IN SOIL FORMER SULFURIC ACID PLANT AREA FARMERS FAVORITE FERTILIZER HIS SITE NUMBER 10259</p> <p>MOULTRIE, GEORGIA</p>				
SAMPLE ID	DEPTH (feet bgs)	TOTAL LEAD mg/kg	SPLP LEAD mg/l	pH
SS-18	2	860	<0.005	6.9
SS-E17	GS ¹	34	0.034	6.4
SS-E21	2	210	<0.005	7.0
SS-E18	1.5	57	0.01	7.6
SS-20	2	120	<0.005	3.7
SS-W8	GS ¹	680	1.3	3.7
SS-W9	GS ¹	460	0.43	3.6
SS-W3	2	66	0.006	3.6
<p>Notes:</p> <p>¹ - Ground surface soil samples were collected approximately 2 to 3 inches below existing ground surface.</p> <p>SPLP = Synthetic Precipitate Leaching Procedure</p> <p>bgs = below ground surface</p> <p>mg/L = milligrams per liter.</p> <p>mg/kg = milligrams per kilogram.</p>				

FN: g:\projects\973-3788\csra\table5.xls

Table F-1 (CSRAdd)

PARAMETER	CALCULATED BACKGROUND mg/kg	SOIL						SEDIMENT		
		FFFS-1 1/9/87 mg/kg	FFFS-1 5/10/00 mg/kg	FFFS-2 1/9/87 mg/kg	FFFS-2 5/10/00 mg/kg	SWS-4 5/10/00 mg/kg	FFFSW(S)-1 5/10/00 mg/kg	FFFSW(S)-2 5/10/00 mg/kg		
Arsenic	7.8	ND	—	ND	—	1.4	1.2	8.6		
Barium	48.3	16	19	32	15	0.31	18	23		
Cadmium	5.4	ND	—	ND	—	<0.50	<0.50	<0.50		
Chromium	48.7	5.1	9.7	20	19	11	11	23		
Lead	127	20	47	13	8.6	950	240	170		
Mercury	0.086	ND	—	ND	—	0.021	0.063	<0.02		
Selenium	—	ND	—	ND	—	<1	<1	<1		
Silver	4.5	ND	—	ND	—	<1	<1	<1		
Semi-volatile Parameters by EPA Method 8270 in µg/kg										
Phenanthrene	110,000	323	<460	ND	—	—	—	—		
Fluoranthene	500,000	912	<460	ND	—	—	—	—		
Pyrene	500,000	734	<460	ND	—	—	—	—		
Chrysene	5,000	364	<460	ND	—	—	—	—		
Benzo (a) anthracene	5,000	355	<460	ND	—	—	—	—		
Pesticides by EPA Method 8080 in µg/kg										
4,4'-DDD	660	3.9	<18	5.9	<3.6	—	—	—		
4,4'-DDE	660	6.8	170	4.3	<3.6	—	—	—		
4,4'-DDT	660	21	460	32	4.2	—	—	—		
O,P-DDT	NA	4.1	86	3	<3.6	—	—	—		
pH										
	pH units	7.3	4.8	6.5	5.5	6.2	7.6	6.7		

TABLE 7
SUMMARY OF DETECTED PARAMETERS IN SOIL AND SEDIMENT
FORMER TREATMENT POND AREA
FARMERS FAVORITE FERTILIZER
HIS SITE NUMBER 10259
MOULTRIE, GEORGIA

Notes:
Soil sample FFFS-1 was collected and analyzed for semi-volatiles on 1/26/99.
Soil concentrations that trigger notification requirements for the purposes of Rule 391-3-19, Appendix I are presented for the semi-volatiles and pesticides.
Soil sample FFFS-2 was collected as a composite sample.
— = Parameter not analyzed.
me/kg = milligrams per kilogram.
NA = Not available
ND = Not detected
Bold indicates exceedance of groundwater cleanup criteria.

December 2000

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TABLE 4

SUMMARY OF DETECTED PARAMETERS IN SOIL
FORMER SULFURIC ACID PLANT AREA
FARMERS FAVORITE FERTILIZER
HIS SITE NUMBER 10259

MOULTRIE, GEORGIA

SAMPLE ID	DEPTH (feet bgs)	SAMPLE ASSOCIATION	ARSENIC 7.8 ¹ mg/kg	BARIUM 48.3 ¹ mg/kg	CADMIUM 5.4 ¹ mg/kg	CHROMIUM 48.7 ¹ mg/kg	LEAD 127 ¹ mg/kg	MERCURY 0.086 ¹ mg/kg	SILVER 4.5 ¹ mg/kg	pH
SS-1	GS ²	TB	<10.0 ⁴	18	8.2	34	63	0.035	<10.0 ⁴	---
	2		---	---	---	190	---	---	---	
	5		---	14	---	---	---	---	---	
SS-2	GS	TB	3.8	17	1.3	13	41	0.027	<1.0	---
	2		<10.0 ⁴	21	<5.0 ⁴	27	8	0.022	<10.0 ⁴	---
	5		<10.0 ⁴	16	<5.0 ⁴	29	16	0.036	<10.0 ⁴	---
	7		---	---	---	---	13	---	---	---
SS-3	GS	TB	2.9	20	<0.5	16	40	0.021	<1.0	---
	2		9.8	38	<0.5	14	85	0.037	<1.0	---
	5		<10.0 ⁴	13	<5.0 ⁴	19	12	<0.02	<10.0 ⁴	---
SS-4	GS	TB	<5.0 ⁴	33	<2.5 ⁴	11	28	0.071	<5.0 ⁴	---
	2		<1.0	18	<0.5	14	7.4	0.033	<1.0	---
	5		<1.0	7.7	<0.5	7.2	5.7	0.024	<1.0	---
	7		---	---	---	---	21	---	---	---
SS-5	GS	PI	<5.0 ⁴	23	<2.5 ⁴	14	160	<0.02	<5.0 ⁴	---
SS-6	GS	TB	5	19	<2.5 ⁴	20	28	0.026	<5.0 ⁴	---
	2		3.9	42	<0.5	21	22	0.12	<1.0	---
	5		<1.0	19	<0.5	4	5.2	<0.02	<1.0	---
SS-7	GS	PI	3.2	25	<0.5	12	4,900	0.042	<1.0	---
	2		<5.0 ⁴	21	<2.5 ⁴	12	2,200	0.021	<5.0 ⁴	---
	5		3.3	81	<0.5	7.6	410	0.42	<1.0	---
	7		---	16	---	---	---	---	---	---
	9		---	---	---	---	170	<0.02	---	3.7
12	---	---	---	---	82	---	---	---		
SS-8	GS	PI	<10.0 ⁴	20	<5.0 ⁴	45	820	0.19	<10.0 ⁴	---
SS-9	GS	PI	4.5	20	0.85	19	570	0.054	<1.0	---
	2		2	20	<0.5	9.8	16	0.03	<1.0	---
	5		1.4	23	<0.5	11	14	<0.02	<1.0	---
SS-10	GS	PI	<10.0 ⁴	38	<5.0 ⁴	20	2,900	0.088	<10.0 ⁴	---
	12		---	---	---	---	5.2	---	---	---
SS-11	GS	PI	3.8	41	1.2	29	230	0.091	<1.0	---
	2		---	---	---	---	9.7	---	---	---
	5		---	---	---	---	14	---	---	---
SS-12	GS	PI	3.8	27	<0.5	15	1,600	0.083	<1.0	---
	2		2.5	28	<0.5	16	150	0.084	<1.0	---
	5		2.2	12	<0.5	18	56	<0.02	<1.0	---
	12		---	---	---	---	8.8	---	---	---
SS-13	GS	PI	6.5	67	2.1	30	760	0.25	<2.0 ⁴	---
SS-14	GS	PI	10	64	2.2	40	15,000	0.6	<5.0 ⁴	---
	2		<10.0 ⁴	11	<5.0 ⁴	25	150	0.027	<10.0 ⁴	---
SS-15	GS	TB	2.2	16	0.55	12	58	<0.02	<1.0	---
SS-16	GS	PI	3.2	33	0.61	17	100	0.043	<1.0	---
	2		<1.0	---	---	---	70	---	---	---
	5		---	---	---	---	11	---	---	---

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TABLE 4
 SUMMARY OF DETECTED PARAMETERS IN SOIL
 FORMER SULFURIC ACID PLANT AREA
 FARMERS FAVORITE FERTILIZER
 HIS SITE NUMBER 10259

MOULTRIE, GEORGIA

SAMPLE ID	DEPTH (feet bgs)	SAMPLE ASSOCIATION	ARSENIC 7.8 ¹ mg/kg	BARIUM 48.3 ¹ mg/kg	CADMIUM 5.4 ¹ mg/kg	CHROMIUM 48.7 ¹ mg/kg	LEAD 127 ¹ mg/kg	MERCURY 0.086 ¹ mg/kg	SILVER 4.5 ¹ mg/kg	pH
SS-17	GS	PI	5.5	61	3.2	44	760	0.16	<1.0	---
	2		12	1,400	<5.0 ⁴	240	3,300	0.47	<10.0 ⁴	---
	5		7.8	120	---	20	390	0.03	---	6.4
	7		43	68	---	26	230	0.12	---	5.7
	9		<1.0	10	---	---	65	0.041	---	6.5
SS-18	GS	PI	3.3	30	1.5	26	250	0.066	<2.0 ⁴	---
	2		5.6	120	---	30	550	0.51	---	6.9
	4		---	---	---	---	560	---	---	---
	5		---	---	---	---	47	0.11	---	5.7
	7		---	---	---	---	10	0.2	---	5.6
	9		---	---	---	---	39	0.13	---	6.7
	12		---	---	---	---	---	<0.020	---	---
SS-19	GS	PI	5.2	76	1.5	23	390	0.33	<2.0 ⁴	---
SS-20	GS	PI	4	110	2.2	54	960	0.25	<1.0	---
	2		4	140	---	27	2,100	0.47	---	3.7
	5		1.6	79	---	10	1,600	0.24	---	6.4
	7		---	50	---	---	---	0.2	---	---
	10		---	---	---	---	---	0.02	---	---
SS-21	GS	PI	48	160	5.1	91	900	0.18	3.8	---
	2		34	210	---	83	490	3.7	---	5.8
	5		11	300	---	39	760	0.19	---	7.3
	7		<1.0	3.1	---	---	11	<0.020	---	---
SS-22	GS	TB	1.2	17	<0.5	8	31	0.027	<1.0	---
SS-23	GS	PI	3	38	1	21	190	0.11	<1.0	---
	2		---	---	---	---	710	---	---	---
	5		---	---	---	---	90	0.05	---	---
SS-24	2	PI	3.9	40	<2.5 ⁴	24	550	0.2	<5.0 ⁴	---
	5		1.8	44	<0.5	14	120	0.63	<1.0	---
	7		---	---	---	---	36	<0.02	---	---
	9		---	---	---	---	11	<0.02	---	3.9
SS-25	2	PI	5.9	28	<2.5 ⁴	15	1,800	0.22	<5.0 ⁴	---
	5		3.7	27	<0.5	13	1,700	0.083	<1.0	---
	6		---	---	---	---	2,100	---	---	---
	9		---	---	---	---	120	<0.02	---	3.5
SS-26	2	PI	<10.0 ⁴	210	<2.5 ⁴	31	870	1.2	<5.0 ⁴	---
	5		9.7	450	<5.0 ⁴	24	1,400	0.91	<10.0 ⁴	---
	7		<1.0	30	---	---	31	<0.02	---	5.7
	9		---	45	---	---	90	0.065	---	6.8
SS-27	2	PI	6.6	44	<0.5	21	33,000	0.12	1.5	---
	5		<1.0	16	<0.5	3.2	1,500	0.032	<1.0	---
	7		---	13	---	---	4.6	---	---	---
SS-27A	7	PI	---	9.5	---	---	---	<0.020	---	

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TABLE 4

SUMMARY OF DETECTED PARAMETERS IN SOIL
FORMER SULFURIC ACID PLANT AREA
FARMERS FAVORITE FERTILIZER
HIS SITE NUMBER 10259

MOULTRIE, GEORGIA

SAMPLE ID	DEPTH (feet bgs)	SAMPLE ASSOCIATION	ARSENIC 7.8 ¹ mg/kg	BARIUM 48.3 ¹ mg/kg	CADMIUM 5.4 ¹ mg/kg	CHROMIUM 48.7 ¹ mg/kg	LEAD 127 ¹ mg/kg	MERCURY 0.086 ¹ mg/kg	SILVER 4.5 ¹ mg/kg	pH
SS-28	2	PI	9.9	610	<5.0 ⁴	53	980	0.72	<10.0 ⁴	---
	5		6	250	---	42	660	0.59	---	6.9
	7		<1.0	23	---	13	23	0.029	---	5.9
	10		<1.0	---	---	---	---	---	---	---
SS-29	2	PI	2.1	28	<0.5	11	99	0.065	<1.0	---
	7		<1.0	---	---	---	---	---	---	---
	10		<1.0	---	---	---	---	---	---	---
SS-30	5	TB	<10.0 ⁴	57	<5.0 ⁴	52	48	<0.02	<10.0 ⁴	---
	7		---	16	---	36	---	---	---	---
SS-31	5	TB	<5.0 ⁴	12	<2.5 ⁴	21	21	0.026	<5.0 ⁴	---
	2		---	---	---	---	8.5	---	---	---
SS-32	5	PI	1.9	30	<0.5	2.2	130	<0.02	<1.0	---
	7		---	---	---	---	11	<0.02	---	3.4
	9		---	---	---	---	45	<0.02	---	---
SS-33	5	PI	5.2	35	<0.5	24	1,200	0.44	<1.0	---
	7		---	---	---	---	1,600	0.023	---	6.8
	10		---	---	---	---	1,200	0.084	---	6.7
	12		---	---	---	---	10	---	---	---
SS-34	5	PI	2	22	<0.5	8	360	0.26	<1.0	---
	7		---	---	---	---	6.2	---	---	---
	10		---	---	---	---	32	---	---	---
SS-35	2	PI	---	---	---	---	32	---	---	
SS-37	12	PI	---	---	---	---	11	---	---	
SS-N1	GS	TB	---	---	---	---	26	---	---	---
	2		---	---	---	---	4.9	---	---	---
	5		---	---	---	---	3.9	---	---	---
	7		---	---	---	---	---	---	---	---
SS-N2	GS	EB	---	---	<0.5	---	93	---	---	---
	2		1.1	18	<0.5	---	44	0.032	---	6.1
	5		2.2	53	<0.5	---	44	0.056	---	6.2
	7		---	50	---	---	39	0.062	---	6.1
	9		---	---	---	---	19	0.028	---	6
SS-N3	GS	EB	---	---	<0.5	---	980	---	---	---
	2		1.6	---	<5.0 ⁴	---	150	<0.02	---	4.3
	5		1.9	9.7	<0.5	---	21	<0.02	---	4.6
SS-N4	GS	EB	---	---	---	---	---	<0.020	---	---
	5		---	15	---	---	410	---	---	---
SS-N5	GS	EB	---	8.3	---	---	160	---	---	---
	2		---	---	---	---	8.7	---	---	---
SS-N6	GS	TB	---	---	<0.50	---	33	0.027	---	5.0
	2		---	---	---	---	28	0.032	---	5.2
SS-N7	GS	TB	---	---	<0.50	---	31	0.025	---	6.2

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TABLE 4

SUMMARY OF DETECTED PARAMETERS IN SOIL
FORMER SULFURIC ACID PLANT AREA
FARMERS FAVORITE FERTILIZER
HIS SITE NUMBER 10259

MOULTRIE, GEORGIA

SAMPLE ID	DEPTH (feet bgs)	SAMPLE ASSOCIATION	ARSENIC 7.8 ¹ mg/kg	BARIUM 48.3 ¹ mg/kg	CADMIUM 5.4 ¹ mg/kg	CHROMIUM 48.7 ¹ mg/kg	LEAD 127 ¹ mg/kg	MERCURY 0.086 ¹ mg/kg	SILVER 4.5 ¹ mg/kg	pH
SS-N8	2	TB	---	---	---	---	---	<0.02	---	4.4
SS-N9	2	TB	---	---	---	---	19	0.021	---	4.7
	5	TB	---	---	---	---	20	---	---	5
SS-N10	GS	TB	---	---	---	---	44	---	---	---
SS-E1	GS	TB	---	---	---	---	28	---	---	---
	2		---	---	---	---	30	---	---	---
SS-E2	GS	EB	---	---	2.5	---	840	---	---	---
	2		2.9	61	<0.5	7.1	50	0.041	---	6.8
	5		4.6	100	<0.5	---	32	---	---	---
	7		---	10	---	---	---	---	---	---
SS-E3	GS	EB	1.9	43	0.82	16	130	0.25	<1.0	5.5
	2		3	---	2.8	---	190	---	<1.0	---
	5		3.9	---	1	---	150	---	<1.0	---
	7		1.3	---	---	---	11	---	---	---
	10		3.4	---	---	---	---	---	---	---
SS-E4	GS	EB	8.0	---	<2.5 ⁴	---	520	---	<5.0 ⁴	---
	2		6.0	860	<5.0 ⁴	33	290	1.2	<10.0 ⁴	6.5
	5		5.7	200	0.95	17	210	0.039	<1.0	6.6
	7		---	19	---	---	---	---	---	---
SS-E5	GS	EB	---	---	1.4	---	410	---	---	---
	2		---	---	<5.0 ⁴	---	4,600	---	---	---
	5		---	---	<5.0 ⁴	---	550	---	---	---
SS-E6	GS	PI	5.0	55	<1.0	10	290	0.42	<2.0	5.2
	2		2.0	---	1.6	---	220	---	<1.0	---
	5		2.3	---	1	---	110	---	<1.0	---
SS-E7	GS	EB	5.9	---	<2.5 ⁴	---	290	---	<5.0 ⁴	---
	2		2.6	79	<0.5	120	81	1.2	<1.0	6.5
	5		17	270	<5.0 ⁴	38	920	0.059	<10.0 ²	6.6
	7		1.2	25	---	---	20	---	---	---
	10		3.5	---	---	---	---	---	---	---
SS-E8	GS	EB	2.9	---	1.5	---	270	---	<1.0	---
	2		1.2	79	<0.5	24	63	3.3	<1.0	5.9
	5		4.2	78	<1.0	34	260	0.82	2	6.2
	7		---	24	---	---	10	<0.020	---	---
	10		---	---	---	---	---	<0.020	---	---
SS-E9	GS	EB	4.3	78	<0.5	21	170	0.23	<1.0	7.2
	2		16	16	<5.0 ⁴	---	820	---	<10.0 ⁴	---
	5		1.4	---	<0.5	---	28	---	<1.0	---
SS-E10	GS	EB	5.8	32	<1.0	16	220	0.091	2.8	6.0
	2		2.0	130	<0.5	---	40	1.1	<1.0	---
	5		2.0	---	<0.5	---	6.5	0.026	<1.0	---

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TABLE 4
SUMMARY OF DETECTED PARAMETERS IN SOIL
FORMER SULFURIC ACID PLANT AREA
FARMERS FAVORITE FERTILIZER
HIS SITE NUMBER 10259

MOULTRIE, GEORGIA

SAMPLE ID	DEPTH (feet bgs)	SAMPLE ASSOCIATION	ARSENIC 7.8 ¹ mg/kg	BARIUM 48.3 ¹ mg/kg	CADMIUM 5.4 ¹ mg/kg	CHROMIUM 48.7 ¹ mg/kg	LEAD 127 ¹ mg/kg	MERCURY 0.086 ¹ mg/kg	SILVER 4.5 ¹ mg/kg	pH
SS-E11	GS	EB	---	28	<0.50	---	54	0.03	---	5.7
	2		---	---	---	---	260	---	---	---
	5		---	---	---	---	650	0.028	---	---
	7		---	---	---	---	7.8	---	---	---
SS-E12	GS	EB	---	---	---	---	130	---	---	---
	2		---	---	---	---	310	---	---	---
	5		---	19	---	---	6	---	---	---
	7		---	---	---	---	13	---	---	---
SS-E13	GS	EB	---	---	---	---	33	0.049	<1.0	---
	2		---	27	---	---	---	0.02	---	---
	5		---	23	---	---	---	---	---	---
SS-E14	GS	EB	---	---	---	---	180	0.034	<1.0	---
	2		---	290	---	---	---	0.023	---	---
	5		---	13	---	---	---	---	---	---
SS-E15	GS	EB	---	46	---	---	170	--	--	---
	2		4.4	---	---	7.8	0.022	--	5.1	
	5		---	12	---	---	<0.020	---	---	
SS-E16	GS	TB	---	---	---	---	26	0.048	--	---
SS-E17	GS	PI	---	---	---	18	68	0.12	--	6.4
SS-E18	GS	TB	---	24	<0.50	11	33	0.031	---	7.6
	2		---	13	---	---	---	---	---	---
	5		---	14	---	---	---	---	---	---
SS-E19	GS	TB	7.5	160	---	9.6	26	0.038	---	6.2
	2		3.9	22	---	29	7.8	<0.02	---	5.8
SS-E20	GS	PI	---	38	---	---	---	0.034	---	---
	2		2.4	---	---	5.6	21/33	0.024	---	7.1
	5		<1.0	22	---	---	---	0.022	---	---
SS-E21	GS	PI	---	---	---	---	---	0.22	---	---
	2		---	---	---	610	---	---	7	
SS-E22	GS	TB	---	21	---	---	---	---	---	---
SS-E23	GS	TB	---	47	---	---	---	---	---	---
SS-E24	GS	TB	---	---	---	---	---	<0.020	---	---
SS-W1	2	EB	3.9	---	---	---	20	---	---	6.5
SS-W2	GS	EB	2.6	---	3.2	---	---	---	---	5.2
	5		---	19	---	25	---	---	---	
SS-W3	2	EB	---	---	---	---	38	0.068	---	3.6
SS-W4	2	EB	---	---	---	---	28	0.032	---	3.2
SS-W5	GS	EB	---	---	---	---	10	---	---	---
	2		---	---	---	---	0.018	---	6.7	
SS-W6	2	EB	4.3	---	---	---	39	0.055	---	---
SS-W7	2	EB	---	---	---	---	58	<0.02	---	6.9

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TABLE 4

SUMMARY OF DETECTED PARAMETERS IN SOIL
FORMER SULFURIC ACID PLANT AREA
FARMERS FAVORITE FERTILIZER
HIS SITE NUMBER 10259

MOULTRIE, GEORGIA

SAMPLE ID	DEPTH (feet bgs)	SAMPLE ASSOCIATION	ARSENIC 7.8 ¹ mg/kg	BARIUM 48.3 ¹ mg/kg	CADMIUM 5.4 ¹ mg/kg	CHROMIUM 48.7 ¹ mg/kg	LEAD 127 ¹ mg/kg	MERCURY 0.086 ¹ mg/kg	SILVER 4.5 ¹ mg/kg	pH
SS-W8	GS	EB	---	---	<0.50	---	390	---	---	3.7
	5		---	---	---	---	42	<0.02	---	3.4
	7		---	---	---	---	130	<0.02	---	3.5
	10		---	---	---	---	31	<0.02	---	3.5
SS-W9	GS	EB	---	---	---	---	1,200	---	---	3.6
	5		---	---	---	---	---	<0.02	---	4.3
SS-S1	2	TB	3.4	---	---	---	160/77	---	---	7.1
SS-S2	GS	TB	---	---	---	---	64	0.64/0.09	---	---
	2		---	---	---	---	16	---	---	---
	5		---	---	---	---	8.7	---	---	---
SS-S3	2	TB	1.1	---	---	---	19	---	---	5.7
SS-S4	2	TB	---	---	---	---	48	---	---	---
SS-S5	5	TB	---	---	---	---	190	0.024	---	6.2
SWS-1 ⁵	NA ³	NA	3.1	10	<0.5	7.7	14	<0.02	<1.0	---
SWS-2 ⁵	NA	NA	1.8	25	<0.5	7.1	73	0.18	<1.0	---
SWS-3 ⁵	NA	NA	4.4	63	0.76	22	66	<0.02	1.3	---

Notes:

bgs = below ground surface

mg/kg = milligrams per kilogram.

--- = specified parameter not analyzed.

TB = True Background

EB = Elevated Background

PI = Potentially Impacted

Detected parameters in soil are presented in Figures 5 through 42.

1 - Delineation limit.

2 - GS = Ground surface soil samples, collected approximately 2 to 3 inches below existing ground surface.

3- NA = Not Applicable

4 - Elevated detection limit was reported due to sample matrix interference which required sample or extract dilution.

5 - SWS = Surface water sediment sample collected in unnamed tributary.

FN: g:\projects\973-3788\csra2\table4.xls

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TABLE 6

SUMMARY OF DETECTED SVOC PARAMETERS IN SOIL SAMPLES
FORMER SULFURIC ACID STORAGE PLANT
FARMERS FAVORITE FERTILIZER
HIS SITE NUMBER 10259

MOULTREE, GEORGIA

PARAMETER	SOIL NCs	SS-A 7/5/00 0-0.5 ft bgs	SS-B 7/5/00 0-0.5 ft bgs	SS-C 7/5/00 0-0.5 ft bgs	SS-D 7/5/00 0-0.5 ft bgs	SS-E 7/5/00 0-0.5 ft bgs	SS-F 7/5/00 0-0.5 ft bgs	SS-G 7/11/00 3-3.5 ft bgs	SS-H 7/5/00 3-3.5 ft bgs	DUP-1 7/5/00	SS-I 9/20/00 0-0.5 ft bgs	SS-J 9/20/00 0-0.5 ft bgs	SS-K 9/20/00 0-0.5 ft bgs	SS-L 9/20/00 0-0.5 ft bgs	SS-M 9/20/00 0-0.5 ft bgs	SS-N 9/20/00 3-3.5 ft bgs	DUP-1 9/20/00
Semi-volatile Parameters by EPA Method 8270 in µg/kg																	
Acenaphthene	300,000	< 800	< 360	< 400	< 880	< 370	< 360	< 360	< 410	< 360	< 350	< 420	< 380	< 420	< 360	< 360	< 370
Acenaphthylene	130,000	< 800	< 360	< 400	< 880	< 370	< 360	< 360	< 410	< 360	< 350	< 420	< 380	< 420	< 360	< 360	< 370
Anthracene	500,000	780	< 360	< 400	< 880	< 370	< 360	< 360	< 410	< 360	< 350	< 420	< 380	< 420	< 360	< 360	< 370
Benzofluoranthene	5,000	2,100	1,200	< 400	< 880	460	< 360	< 360	< 410	470	< 350	< 420	< 380	< 420	< 360	< 360	< 370
Benzofluoranthene	5,000	2,700	1,100	< 400	< 880	380	< 360	< 360	< 410	1,000	< 350	< 420	< 380	< 420	< 360	< 360	< 370
Benzofluoranthene	5,000	1,400	830	< 400	< 880	< 370	< 360	< 360	< 410	850	< 350	< 420	< 380	< 420	< 360	< 360	< 370
Benzofluoranthene	500,000	1,600	740	< 400	< 880	< 370	< 360	< 360	< 410	440	< 350	< 420	< 380	< 420	< 360	< 360	< 370
Benzofluoranthene	1,640	1,700	920	< 400	< 880	< 370	< 360	< 360	< 410	470	< 350	< 420	< 380	< 420	< 360	< 360	< 370
Benzofluoranthene	50,000	< 800	< 360	< 400	< 880	< 370	< 360	< 360	< 410	< 360	< 350	< 420	< 380	< 420	< 360	< 360	< 370
Benzofluoranthene	5,000	2,500	< 400	< 400	< 880	480	< 360	< 360	< 410	600	< 350	< 420	< 380	< 420	< 360	< 360	< 370
Chrysene	5,000	630	< 360	< 400	< 880	< 370	< 360	< 360	< 410	600	< 350	< 420	< 380	< 420	< 360	< 360	< 370
Dibenzofluoranthene	NA	< 800	< 360	< 400	< 880	< 370	< 360	< 360	< 410	< 360	< 350	< 420	< 380	< 420	< 360	< 360	< 370
Fluoranthene	500,000	5,600	3,000	< 400	< 880	1,100	< 360	< 360	< 410	< 360	< 350	< 420	< 380	< 420	< 360	< 360	< 370
Fluorene	360,000	< 800	< 360	< 400	< 880	< 370	< 360	< 360	< 410	1,200	< 350	< 420	< 380	< 420	< 360	< 360	< 370
Indeno(1,2,3-cd)pyrene	5,000	1,800	860	< 400	< 880	< 370	< 360	< 360	< 410	400	< 350	< 420	< 380	< 420	< 360	< 360	< 370
Phenanthrene	110,000	3,100	1,900	< 400	1,700	470	< 360	< 360	< 410	590	< 350	< 420	< 380	< 420	< 360	< 360	< 370
Pyrene	500,000	4,100	2,200	< 400	1,500	950	< 360	< 360	< 410	1,000	< 350	< 420	< 380	< 420	< 360	< 360	< 370

Notes:

Duplicate soil sample DUP-1 (7/5/00) was collected from the SS-B (0-0.5 ft bgs) location and DUP-1 (9/20/00) was collected from SS-M (0-0.5 ft bgs) location.

NC = Soil concentrations that trigger notification requirements for the purposes of Rule 3913-19-.04(3)(b).

ft bgs = feet below ground surface.

Boring locations are presented on Figure 1A.

µg/kg = micrograms per kilogram.

Shaded area indicates exceedance of soil trigger notification requirements.

FN: g:\projects\971-3788\csm2\table6.xls

Table F-1 (CSRAdd2)

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TABLE 12

SUMMARY OF DETECTED PARAMETERS IN SOIL AND SEDIMENT
 FORMER TREATMENT POND AREA
 FARMERS FAVORITE FERTILIZER
 HIS SITE NUMBER 10259
 MOULTRIE, GEORGIA

PARAMETER	CALCULATED BACKGROUND mg/kg	SOIL				SEDIMENT					
		FFFS-1 1/9/87 mg/kg	FFFS-1 5/10/00 mg/kg	FFFS-2 1/9/87 mg/kg	FFFS-2 5/10/00 mg/kg	SWS-4 5/10/00 mg/kg	FFFSW(S)-1 5/10/00 mg/kg	FFFSW(S)-2 5/10/00 mg/kg	SED#1 7/26/00 mg/kg	SED#2 7/26/00 mg/kg	SED#3 7/26/00 mg/kg
Arsenic	7.8	ND	---	ND	---	1.4	1.2	8.6	---	---	---
Barium	48.3	16	19	32	15	0.31	18	23	---	---	---
Cadmium	5.4	ND	---	ND	---	<0.50	<0.50	<0.50	---	---	---
Chromium	48.7	5.1	9.7	20	19	11	11	23	---	---	---
Lead	127	20	47	13	8.6	950	240	170	13	18	9.7
Mercury	0.086	ND	---	ND	---	0.021	0.063	<0.02	---	---	---
Selenium	---	ND	---	ND	---	---	---	---	---	---	---
Silver	4.5	ND	---	ND	---	<1	<1	<1	---	---	---
Semi-volatile Parameters by EPA Method 8270 in µg/kg											
Phenanthrene	110,000	323	<460	ND	---	---	---	---	---	---	---
Fluoranthene	500,000	912	<460	ND	---	---	---	---	---	---	---
Pyrene	500,000	734	<460	ND	---	---	---	---	---	---	---
Chrysene	5,000	364	<460	ND	---	---	---	---	---	---	---
Benzo (a) anthracene	5,000	355	<460	ND	---	---	---	---	---	---	---
Pesticides by EPA Method 8080 in µg/kg											
4,4'-DDD	660	3.9	<18	5.9	<3.6	---	---	---	---	---	---
4,4'-DDE	660	6.8	170	4.3	<3.6	---	---	---	---	---	---
4,4'-DDT	660	21	460	32	4.2	---	---	---	---	---	---
O,P'-DDT	NA	4.1	86	3	<3.6	---	---	---	---	---	---
pH	pH units										
		7.3	4.8	6.5	5.5	6.2	7.6	6.7	---	---	---

Notes:
 Soil sample FFFS-1 was collected and analyzed for semi-volatiles on 1/26/99.
 Soil concentrations that trigger notification requirements for the purposes of Rule 391-3-19, Appendix I are presented for the semi-volatiles and pesticides.
 Soil sample FFFS-2 was collected as a composite sample.
 --- = Parameter not analyzed.
 mg/kg = milligrams per kilogram.
 NA = Not available
 ND = Not detected
 Sample locations are presented on Figure 4 and 4A.
 Shaded areas indicate exceedance of groundwater cleanup criteria.
 FN: g:\projects\973-3788\csra2\table12.xls

Table F-1 (CSRAdd3)

July 2002		973-3788			
TABLE 3					
SUMMARY OF DETECTED PARAMETERS IN SOIL FORMER SULFURIC ACID PLANT AREA FARMERS FAVORITE FERTILIZER HIS SITE NUMBER 10259 MOULTRIE, GEORGIA					
Soil Boring	Sample Interval	Sample Date	pH	Total Lead	SPLP Lead
SB-1	1'	12/3/2001	3.8	NA	NA
SB-2	1'	12/4/2001	5.3	NA	NA
Dup-01-1'	1'	12/4/2001	6.1	NA	NA
	3'	12/4/2001	5.9	NA	NA
	5'	12/4/2001	5.2	NA	NA
SB-3	1'	12/3/2001	6	NA	NA
SB-4	1'	12/4/2001	5.7	980	<0.02
Dup-02-1'	1'	12/4/2001	6	2,100	<0.02
	3'	12/4/2001	6.8	NA	NA
	5'	12/4/2001	7.4	490	0.047
SB-5	1'	12/4/2001	5.3	NA	NA
Dup-03-3'	1'	12/4/2001	5.5	NA	NA
	3'	12/4/2001	5.5	NA	NA
	5'	12/4/2001	6.1	NA	NA
SB-6	1'	12/4/2001	5.1	NA	NA
	3'	12/4/2001	5	NA	NA
	5'	12/4/2001	7.1	NA	NA
SB-7	1'	12/4/2001	6.2	NA	NA
	3'	12/4/2001	5.6	NA	NA
	5'	12/4/2001	7.1	NA	NA
	7'	12/4/2001	6.1	NA	NA
SB-8	10'	12/4/2001	5.2	NA	NA
	1'	12/4/2001	6.1	NA	NA
	3'	12/4/2001	8	NA	NA
	5'	12/4/2001	6.3	NA	NA
SB-9	7'	12/4/2001	4	NA	NA
	10'	12/4/2001	3.7	NA	NA
	1'	12/4/2001	3.5	23	<0.02
	3'	12/4/2001	4.2	53	<0.02
Dup-10-1'	1'	12/4/2001	3.6	19	<0.02
	3'	12/4/2001	4.2	53	<0.02
	1'	12/4/2001	4.3	NA	NA
SB-10	3'	12/4/2001	6	NA	NA
	3'	12/4/2001	6.4	NA	NA
Dup-04-3'	5'	12/4/2001	3.6	NA	NA
	7'	12/4/2001	3.4	NA	NA
	7'	12/4/2001	3.6	NA	NA
	10'	12/4/2001	3.3	NA	NA
Dup-05-7'	1'	12/4/2001	6.5	16,000	<0.02
	3'	12/4/2001	4.7	NA	NA
	5'	12/4/2001	3.7	27	<0.02
	7'	12/4/2001	3.4	NA	NA
	10'	12/4/2001	3.2	49	<0.02
SB-11	1'	12/4/2001	3.8	NA	NA
	1'	12/4/2001	4	NA	NA
	3'	12/4/2001	6.7	NA	NA
	5'	12/4/2001	6.8	NA	NA
	7'	12/4/2001	3.9	NA	NA
	10'	12/4/2001	4.5	NA	NA
SB-12	1'	12/4/2001	7.1	NA	NA
	3'	12/4/2001	6	NA	NA
	5'	12/4/2001	4.6	NA	NA
	7'	12/4/2001	4.1	NA	NA
	10'	12/4/2001	4.7	NA	NA

Table F-1 (CSRAdd3)

July 2002		973-3788			
TABLE 3					
SUMMARY OF DETECTED PARAMETERS IN SOIL					
FORMER SULFURIC ACID PLANT AREA					
FARMERS FAVORITE FERTILIZER					
HIS SITE NUMBER 10259					
MOULTRIE, GEORGIA					
Soil Boring	Sample Interval	Sample Date	pH	Total Lead	SPLP Lead
SB-14 Dup-11-1'	1'	12/4/2001	2.7	53	<0.02
	1'	12/4/2001	2.9	44	<0.02
	3'	12/4/2001	3.3	12	<0.02
	5'	12/4/2001	3.5	5.5	<0.02
	7'	12/4/2001	3.6	NA	NA
SB-15 Dup-12-5'	1'	12/4/2001	4	400	<0.02
	3'	12/4/2001	5.3	NA	NA
	5'	12/4/2001	6.6	1,600	<0.02
	5'	12/4/2001	6.5	780	<0.02
SB-16	1'	12/4/2001	5.8	NA	NA
	3'	12/4/2001	4.6	NA	NA
	5'	12/4/2001	4	NA	NA
	7'	12/4/2001	3.3	NA	NA
	10'	12/4/2001	3.5	NA	NA
SB-17	1'	12/4/2001	6	NA	NA
	3'	12/4/2001	4.4	NA	NA
	5'	12/4/2001	5.5	NA	NA
	7'	12/4/2001	3.7	NA	NA
	10'	12/4/2001	3.7	NA	NA
SB-18	1'	12/4/2001	6.3	NA	NA
	3'	12/4/2001	6.1	NA	NA
	5'	12/4/2001	6.7	NA	NA
	7'	12/4/2001	3.6	NA	NA
SB-19	1'	12/4/2001	4.9	440	<0.02
	3'	12/4/2001	7.8	590	0.44
	5'	12/4/2001	7.3	880	<0.02
	7'	12/4/2001	6.8	NA	NA
SB-20	1'	12/4/2001	5	NA	NA
	3'	12/4/2001	4.8	NA	NA
	5'	12/4/2001	6.3	NA	NA
SB-21	1'	12/4/2001	5.7	310	0.078
	3'	12/4/2001	6	130	<0.02
SB-22	1'	12/3/2001	5.7	NA	NA
SB-23	1'	12/3/2001	6.1	NA	NA
SB-24	1'	12/4/2001	6.9	NA	NA
	3'	12/4/2001	7.4	NA	NA
	5'	12/4/2001	7.9	NA	NA
SB-25	1'	12/4/2001	5.8	NA	NA
	3'	12/4/2001	4.6	NA	NA
	5'	12/4/2001	4.3	NA	NA
SB-26	1'	12/4/2001	6.4	NA	NA
	3'	12/4/2001	5.4	NA	NA
	5'	12/4/2001	5.2	NA	NA
	7'	12/4/2001	3.1	NA	NA
	10'	12/4/2001	3.3	NA	NA
SB-27 Dup-07-1'	1'	12/4/2001	6.8	NA	NA
	1'	12/4/2001	6.8	NA	NA
	3'	12/4/2001	3.6	NA	NA
SB-28	1'	12/4/2001	2.4	NA	NA
	3'	12/4/2001	2.6	NA	NA
	5'	12/4/2001	2.6	NA	NA
	7'	12/4/2001	3.1	NA	NA

Table F-1 (CSRAdd3)

July 2002		973-3788			
<p>TABLE 3</p> <p>SUMMARY OF DETECTED PARAMETERS IN SOIL FORMER SULFURIC ACID PLANT AREA FARMERS FAVORITE FERTILIZER HIS SITE NUMBER 10259</p> <p>MOULTRIE, GEORGIA</p>					
Soil Boring	Sample Interval	Sample Date	pH	Total Lead	SPLP Lead
SB-29 Dup-08-3'	1'	12/4/2001	6.8	NA	NA
	3'	12/4/2001	5.4	NA	NA
	3'	12/4/2001	6.1	NA	NA
	5'	12/4/2001	5.7	NA	NA
	7'	12/4/2001	3.2	NA	NA
	10'	12/4/2001	3.6	NA	NA
SB-30 Dup-09-7'	1'	12/4/2001	5.2	1,500	<0.02
	3'	12/4/2001	1.2	15	0.09
	5'	12/4/2001	1.4	22	<0.02
	7'	12/4/2001	2.6	NA	NA
	7'	12/4/2001	2.7	NA	NA
	10'	12/4/2001	3.3	4.3	<0.02
SB-31	1'	12/3/2001	6.4	NA	NA
SB-32	1'	12/3/2001	5	NA	NA
SB-33	1'	12/4/2001	6.2	190	<0.02
	3'	12/4/2001	5.4	NA	NA
SB-34	1'	12/4/2001	6.2	3,200	<0.02
	3'	12/4/2001	6.9	NA	NA
<p>Notes:</p> <p>pH measured in pH Units</p> <p>Total lead measured in milligrams per liter</p> <p>SPLP (Synthetic Leaching Procedure) Lead is measured in milligrams per liter</p> <p>NA = Not Analyzed</p> <p>Shaded concentrations exceed the Type 1 Soil Criteria concentration of 75 mg/kg.</p>					

Table F-1 (CSRAdd3)

July 2002

973-3788

TABLE 4

COMPARISON OF SOIL pH, TOTAL LEAD AND SPLP LEAD VALUES IN SOIL SAMPLES
FORMER SULFURIC ACID PLANT AREA
FARMERS FAVORITE FERTILIZER

MOULTRIE, GEORGIA

Soil Boring	Sample Interval	Sample Date	pH	Total Lead	SPLP Lead
SB-4	1'	12/4/2001	5.7	980	<0.01
	5'	12/4/2001	7.4	490	0.047
SB-9	1'	12/4/2001	3.5	23	<0.01
	3'	12/4/2001	4.2	53	0.012
SB-11	1'	12/4/2001	6.5	16,000	<0.01
	5'	12/4/2001	3.7	27	<0.01
	10'	12/4/2001	3.2	49	<0.01
SB-14	1'	12/4/2001	2.7	53	<0.01
	3'	12/4/2001	3.3	12	<0.01
	5'	12/4/2001	3.5	5.5	<0.01
SB-15	1'	12/4/2001	4	400	<0.01
	5'	12/4/2001	6.6	1,600	<0.01
SB-19	1'	12/4/2001	4.9	440	<0.01
	3'	12/4/2001	7.8	590	0.44
	5'	12/4/2001	7.3	880	<0.01
SB-21	1'	12/4/2001	5.7	310	0.078
	3'	12/4/2001	6	130	0.013
SB-30	1'	12/4/2001	5.2	1,500	<0.01
	3'	12/4/2001	1.2	15	0.09
	5'	12/4/2001	1.4	22	<0.01
	10'	12/4/2001	3.3	4.3	<0.01
SB-33	1'	12/4/2001	6.2	190	<0.01
SB-34	1'	12/4/2001	6.2	3,200	<0.01

Notes:

pH measured in pH Units

Total lead measured in milligrams per liter

SPLP (Synthetic Leaching Procedure) Lead is measured in milligrams per liter

NA = Not Analyzed

Shaded concentrations exceed the Type 1 Soil Criteria concentration of 75 mg/kg.

Table F-1 (CSRAdd4)

TABLE 2

SUMMARY OF DETECTED PARAMETERS IN SOIL
 FORMER TREATMENT POND AREA
 FARMERS FAVORITE FERTILIZER
 HSI SITE NUMBER 10259

MOULTRIE, GEORGIA

SOIL BORING	SAMPLE ID	SAMPLE DEPTH (ft bgs)	SAMPLE DATE	pH	ARSENIC mg/kg	BARIUM mg/kg	BERYLLIUM mg/kg	CADMIUM mg/kg	CHROMIUM mg/kg	LEAD mg/kg	NICKEL mg/kg
SBTP-1	SBTP-1-10	10	12/20/2002	7.9	<1.3	17	<0.53	<0.66	12	7.8	<5.3
	SBTP-1-15	15	12/20/2002	3.8	4.9	22	<0.48	<0.6	12	8.8	<4.8
SBTP-2	SBTP-2-10	10	12/20/2002	7.3	1.9	18	<0.51	<0.63	10	7.8	<5.1
	SBTP-2-15	15	12/20/2002	4.8	<1.1	21	<0.46	<0.57	5.3	5	<4.6
SBTP-4	SBTP-4-8	8	12/23/2002	5	1.5	38	<0.49	<0.62	14	11	<4.9
	SBTP-4-15	15	12/20/2002	4.1	<1.3	41	<0.53	<0.66	13	10	5.5
SBTP-5	SBTP-5-2	2	6/16/2003	5.7	3	29	<0.48	<0.59	20	27	7.6
	SBTP-5-5	5	6/16/2003	6.9	2	26	<0.47	<0.58	15	8.4	<4.7
	SBTP-5-10	10	12/20/2002	6.8	<1.3	41	<0.51	<0.64	24	10	12
	SBTP-5-15	15	12/20/2002	3.5	1.3	52	<0.49	<0.62	15	7.8	<4.9
	SBTP-5-10	10	12/20/2002	4.4	6.5	18	<0.5	<0.62	32	31	<5
SBTP-7-10	SBTP-7-10	10	12/20/2002	4.6	3.9	67	0.86	<0.68	13	19	6.1
	SBTP-7-15	15	12/20/2002	8.6	<1.3	14	<0.53	<0.67	11	5.8	<5.3
SBTP-9-10	SBTP-9-10	10	12/19/2002	5.2	<1.4	8.4	<0.56	<0.69	15	8	<5.6
	SBTP-9-15	15	12/19/2002	7.4	1.8	26	<0.52	<0.65	22	6.5	7.4
SBTP-10-10	SBTP-10-10	10	12/19/2002	4.8	<1.3	2	<0.52	<0.65	4.6	2.8	<5.2
	SBTP-10-15	15	12/19/2002	6	2.5	30	<0.45	<0.56	18	20	6.9
	SBTP-11-2	2	6/16/2003	6	2.2	23	<0.45	<0.56	22	18	11
	SBTP-11-2 FD	2	6/16/2003	6.4	3.4	27	<0.45	<0.56	14	56	6.3
	SBTP-11-5	5	6/16/2003	4.5	<1.2	5.2	<0.5	<0.62	6.6	5.6	<5
SBTP-11-15	SBTP-11-15	15	12/19/2002	5.7	3	24	<0.46	<0.57	19	18	7.4
	SBTP-12-2	2	6/16/2003	7.5	3.1	11	<0.46	<0.58	17	7	<4.6
	SBTP-12-5	5	6/16/2003	4.4	1.5	33	0.65	<0.66	15	10	<5.3
	SBTP-12-10	10	12/19/2002	4.4	2.3	41	0.6	<0.65	23	24	<5.2
	SBTP-12-10 FD	10	12/19/2002	4.7	1.6	28	<0.53	<0.67	12	9.5	<5.3
SBTP-12-15	15	12/19/2002	4.9	<1.3	17	<0.51	<0.63	10	6.9	<5.1	

Table F-1 (CSRAdd4)

TABLE 2

SUMMARY OF DETECTED PARAMETERS IN SOIL
 FORMER TREATMENT POND AREA
 FARMERS FAVORITE FERTILIZER
 HSI SITE NUMBER 10259

MOULTRIE, GEORGIA

SOIL BORING	SAMPLE ID	SAMPLE DEPTH (ft bgs)	SAMPLE DATE	pH	ARSENIC 7.8 ¹ 20 ² mg/kg	BARIUM 48.3 ¹ 1000 ² mg/kg	BERYLLIUM RL ¹ 2 ² mg/kg	CADMIUM 5.4 ¹ 5.4 ² mg/kg	CHROMIUM 48.7 ¹ 100 ² mg/kg	LEAD 127 ¹ 127 ² mg/kg	NICKEL RL ¹ 50 ² mg/kg
SBTP-13	SBTP-13-2	2	6/16/2003	5.8	4.2	13	<0.47	<1.2*	24	5.4	<4.7
	SBTP-13-5	5	6/16/2003	5.2	2.5	4.9	<0.55	<0.69	9.5	5	<5.5
	SBTP-13-5 FD	5	6/16/2003	4.8	3.3	4.8	<0.45	<1.1*	17	6.5	<4.5
	SBTP-13-10	10	12/19/2002	4.4	<1.2	27	<0.49	<0.61	14	13	<4.9
	SBTP-13-15	15	12/19/2002	4.6	4.5	54	0.71	<0.61	9.1	40	<4.9
SBTP-14	SBTP-14-10	10	12/19/2002	8.8	2.2	35	<0.49	<0.62	17	19	5.4
	SBTP-14-15	15	12/19/2002	7	2.4	36	<0.45	<0.56	19	17	5.6
	SBTP-15-2	2	6/16/2003	6.8	3.6	26	<0.44	<0.55	17	16	<4.4
	SBTP-15-5	5	6/16/2003	5.1	<1.1	4.3	<0.45	<0.56	10	3.2	<4.5
	SBTP-15-10	10	12/19/2002	7.5	<1.2	24	<0.49	<0.62	17	11	<4.9
SBTP-16	SBTP-15-15	15	12/19/2002	4.1	<1.3	360	0.51	<0.63	14	19	<5.1
	SBTP-16-2	2	6/16/2003	5.7	1.4	14	<0.44	<0.54	9.4	3.9	<4.4
	SBTP-16-5	5	6/16/2003	7.7	3.8	21	<0.47	<0.59	21	6.5	6
	SBTP-16-10	10	12/18/2002	4.8	2.1	17	<0.49	<0.61	21	17	<4.9
	SBTP-16-15	15	12/18/2002	3.9	<1.2	170	<0.49	<0.62	10	11	<4.9
SBTP-17	SBTP-17-10	10	12/18/2002	4.4	<1.1	9.3	<0.45	<0.57	5.3	9.6	<4.5
	SBTP-17-15	15	12/18/2002	4.6	1.9	17	0.71	<0.6	17	28	<4.8
	SBTP-18-2	2	6/16/2003	5.2	7.7	16	<0.44	<1.1*	19	3.9	<4.4
	SBTP-18-5	5	6/16/2003	4.8	2.9	3.7	<0.45	<1.1*	13	8.7	<4.5
	SBTP-18-10	10	12/18/2002	4.3	<1.2	15	<0.47	<0.58	5.9	6.9	<4.7
SBTP-18	SBTP-18-10FD	10	12/18/2002	4.3	1.6	12	<0.47	<0.58	8.7	7	<4.7
	SBTP-18-14	14	12/18/2002	4.4	5	25	<0.47	<0.59	12	17	<4.7
	SBTP-18-14 FD	14	12/18/2002	4.4	2.2	27	<0.48	<0.6	8	13	<4.8
	SBTP-19-10	10	12/18/2002	7.3	1.5	14	<0.48	<0.6	16	10	<4.8
	SBTP-19-15	15	12/18/2002	4	1.5	26	<0.51	<0.63	17	9.2	5.3
SBTP-20	SBTP-20-10	10	12/18/2002	7.5	<1.1	4.5	<0.46	<0.57	6.9	8	<4.6
	SBTP-20-10 FD	10	12/18/2002	8.1	<1.1	6.6	<0.46	<0.57	8.2	6.8	<4.6
	SBTP-20-15	15	12/18/2002	3.8	<1.2	12	<0.48	<0.6	18	12	5
	SBTP-20-15 FD	15	12/18/2002	3.8	1.4	13	<0.47	<0.58	12	9.5	<4.7

Table F-1 (CSRAdd4)

TABLE 2

SUMMARY OF DETECTED PARAMETERS IN SOIL
FORMER TREATMENT POND AREA
FARMERS FAVORITE FERTILIZER
HSI SITE NUMBER 10259

MOULTRIE, GEORGIA

SOIL BORING	SAMPLE ID	SAMPLE DEPTH (ft bgs)	SAMPLE DATE	pH	ARSENIC 7.8 ¹ 20 ²	BARIUM 48.3 ¹ 1000 ²	BERYLLIUM RL ¹ 2 ²	CADMIUM 5.4 ¹ 5.4 ²	CHROMIUM 48.7 ¹ 100 ²	LEAD 127 ¹ 127 ²	NICKEL RL ¹ 50 ²
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SBTP-21	SBTP-21-10	10	12/18/2002	4.2	<1.2	32	<0.48	<0.6	24	16	<4.8
	SBTP-21-15	15	12/18/2002	4.2	<1.2	67	0.62	<0.59	8	8.4	<4.7
SBTP-22	SBTP-22-2	2	6/16/2003	4.4	4.1	10	<0.46	<1.1*	18	4.4	<4.6
	SBTP-22-5	5	6/16/2003	4.4	<1.1	3.3	<0.44	<0.55	3.9	3.1	<4.4
	SBTP-22-10	10	12/18/2002	4.4	<1.1	3.8	<0.46	<0.57	4.9	5.8	<4.6
	SBTP-22-15	15	12/18/2002	4.7	<1.2	300	0.6	<0.61	11	17	<4.9
SBTP-23	SBTP-23-10	10	12/18/2002	4.2	<1.1	3	<0.44	<0.56	3.5	6.4	<4.4
	SBTP-23-15	15	12/18/2002	4.5	4.2	31	0.66	<0.6	25	36	<4.8
SBTP-24	SBTP-24-2	2	6/16/2003	5.6	3	30	<0.45	<0.56	18	31	7.7
	SBTP-24-5	5	6/16/2003	6.8	1.9	21	<0.45	<0.56	9.1	29	<4.5
	SBTP-24-15	15	6/16/2003	3.7	NA	4.5	<0.54	NA	NA	NA	<5.4
	SBTP-24-15 FD	15	6/16/2003	4	NA	3.8	<0.46	NA	NA	NA	<4.6
SBTP-25	SBTP-25-2	2	6/16/2003	6.2	<1.1	18	<0.43	<0.54	7.3	15	<4.3
	SBTP-25-5	5	6/16/2003	5.8	2.2	18	<0.47	<0.58	19	6.1	9.9
	SBTP-25-15	15	6/16/2003	3.7	NA	21	<0.49	NA	NA	NA	<4.9
SBTP-26	SBTP-26-2	2	6/16/2003	5.4	2.7	35	<0.44	<0.55	14	4.6	<4.4
	SBTP-26-5	5	6/16/2003	4.5	4.4	10	<0.56	<1.4*	21	6.1	<5.6
	SBTP-26-15	15	6/16/2003	4.2	NA	27	<0.47	NA	NA	NA	<4.7
	SBTP-26-15 FD	15	6/16/2003	4.6	NA	28	<0.48	NA	NA	NA	<4.8
SBTP-27	SBTP-27-2	2	6/16/2003	5.4	<1.1	46	<0.46	<0.53	6.8	30	<4.2
	SBTP-27-5	5	6/16/2003	4.2	2.6	14	<0.46	<0.57	15	5.7	5.8
	SBTP-27-15	15	6/16/2003	4.3	NA	30	<0.49	NA	NA	NA	NA
SBTP-28	SBTP-28-2	2	6/16/2003	4.6	3.4	14	<0.54	<1.3*	21	5.4	<5.4
	SBTP-28-5	5	6/16/2003	4.9	<1.1	5.5	<0.44	<0.55	3.2	3.5	<4.4
	SBTP-28-15	15	6/16/2003	4.8	NA	N	<0.48	NA	NA	NA	NA
	SBTP-29-15	15	6/16/2003	5.1	NA	28	<0.46	NA	NA	NA	NA
SBTP-30	SBTP-30-2	2	6/16/2003	6.8	4.1	21	<0.46	<0.58	19	31	<4.6
	SBTP-30-5	5	6/16/2003	4.5	3.6	4.4	<0.46	<1.2*	11	8.4	<4.6
	SBTP-30-15	15	6/16/2003	4.3	NA	62	0.49	NA	NA	NA	NA
	SBTP-31-15	15	6/16/2003	3.6	NA	NA	NA	NA	NA	NA	<4.8

TABLE 2

SUMMARY OF DETECTED PARAMETERS IN SOIL
 FORMER TREATMENT POND AREA
 FARMERS FAVORITE FERTILIZER
 HSI SITE NUMBER 10259

MOULTRIE, GEORGIA

SOIL BORING	SAMPLE ID	SAMPLE DEPTH (ft bgs)	SAMPLE DATE	pH	ARSENIC 7.8 ¹ 20 ¹	BARIUM 48.3 ¹ 1000 ²	BERYLLIUM RL ¹ 2 ²	CADMIUM 5.4 ¹ 5.4 ²	CHROMIUM 48.7 ¹ 100 ²	LEAD 127 ¹ 127 ²	NICKEL RL ¹ 50 ²
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SBTP-32	SBTP-32-2	2	6/16/2003	5.8	<1.5	240	<0.63	<0.74	20	37	<5.9
	SBTP-32-5	5	6/16/2003	6.2	<1.2	34	<0.49	<0.61	5.7	35	<4.9
	SBTP-32-15	15	6/16/2003	5.5	NA	NA	NA	NA	NA	NA	6.2
SBTP-33	SBTP-33-15	15	6/16/2003	4	NA	NA	NA	NA	NA	NA	NA
	SBTP-34-2	2	6/16/2003	7.5	1.9	33	<0.42	<0.53	15	34	8
SBTP-34	SBTP-34-5	5	6/16/2003	7.1	8.5	44	<0.47	<2.9*	73	34	7.5
	SBTP-34-10	10	6/16/2003	4.9	NA	NA	NA	NA	NA	NA	8.8
	SBTP-34-15	15	6/16/2003	4	NA	NA	NA	NA	NA	NA	<5
	SBTP-35-2	2	6/16/2003	6.2	2.3	43	<0.47	<0.59	17	33	6.4
SBMW22	SBTP-35-5	5	6/16/2003	7.9	1.2	15	<0.48	<0.6	13	13	6.1
	SBMW22-5	5	6/16/2003	4.8	NA	NA	NA	NA	NA	NA	<4.8
SBMW23	SBMW23-5	5	12/19/2002	7	<1.2	5	<0.48	<0.6	1.7	2	5.7
	SBMW23-5 FD	5	12/19/2002	5.3	<1.1	5.2	<0.46	<0.57	4.9	5.6	<4.8
SBMW24	SBMW24-5	5	12/19/2002	5.2	<1.2	8.2	<0.47	<0.58	5.3	5.2	<4.7
		5	12/19/2002	5.2	2.3	5.3	<0.47	<0.58	10	5.3	<4.7

Checked by: JSL

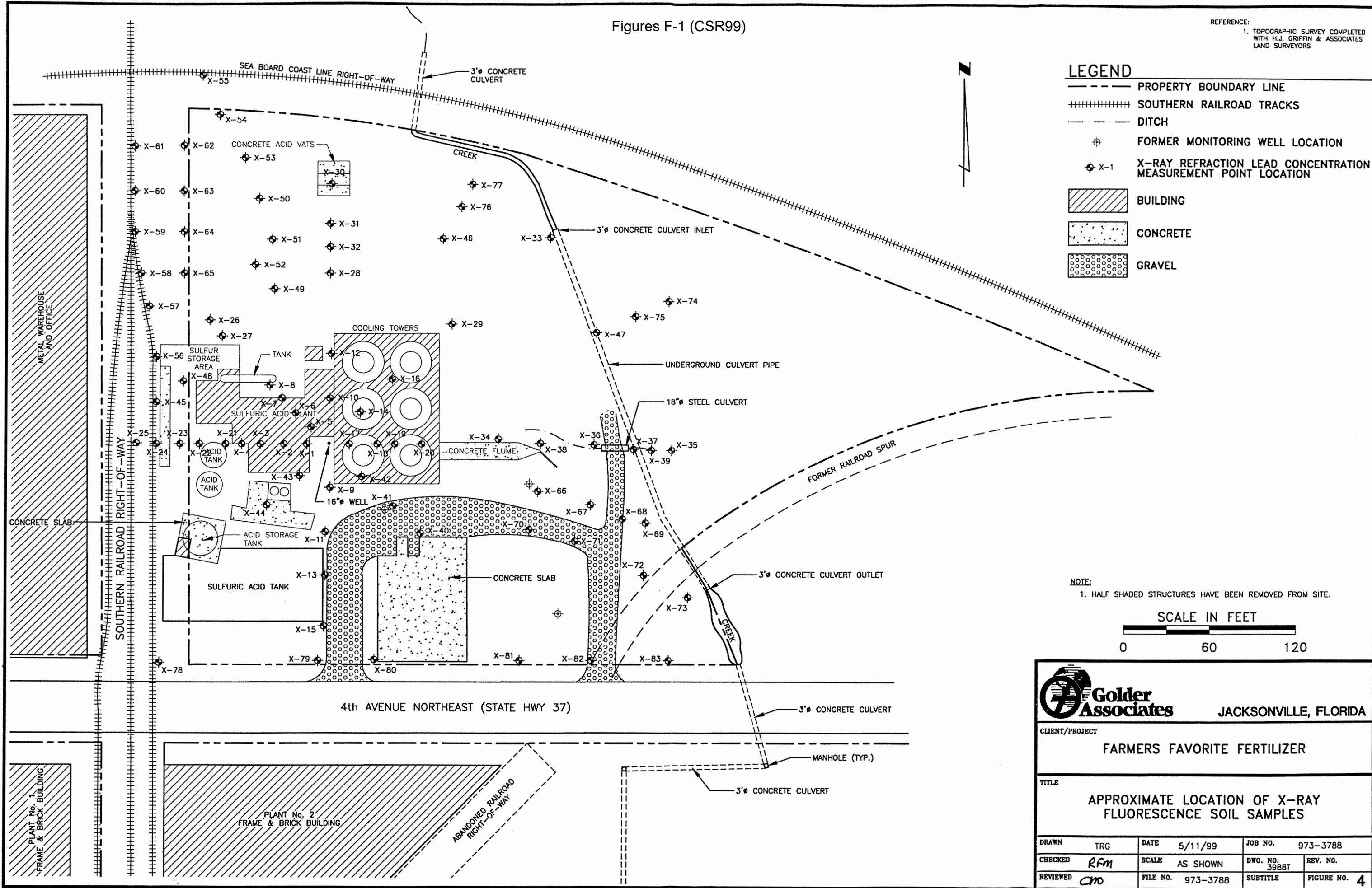
Notes:
 pH measured in pH Units
 Shaded concentrations exceed the delineation limit.
 < = Below laboratory reporting limit. Value shown is reporting limit.
 1 - Delineation limit
 2 - Corrective action level

FD = Field duplicate
 ft bgs = feet below ground surface
 NA = Not analyzed
 RL = Laboratory reporting limit
 * = Elevated detection limit due to matrix interference.

FIGURES F-1

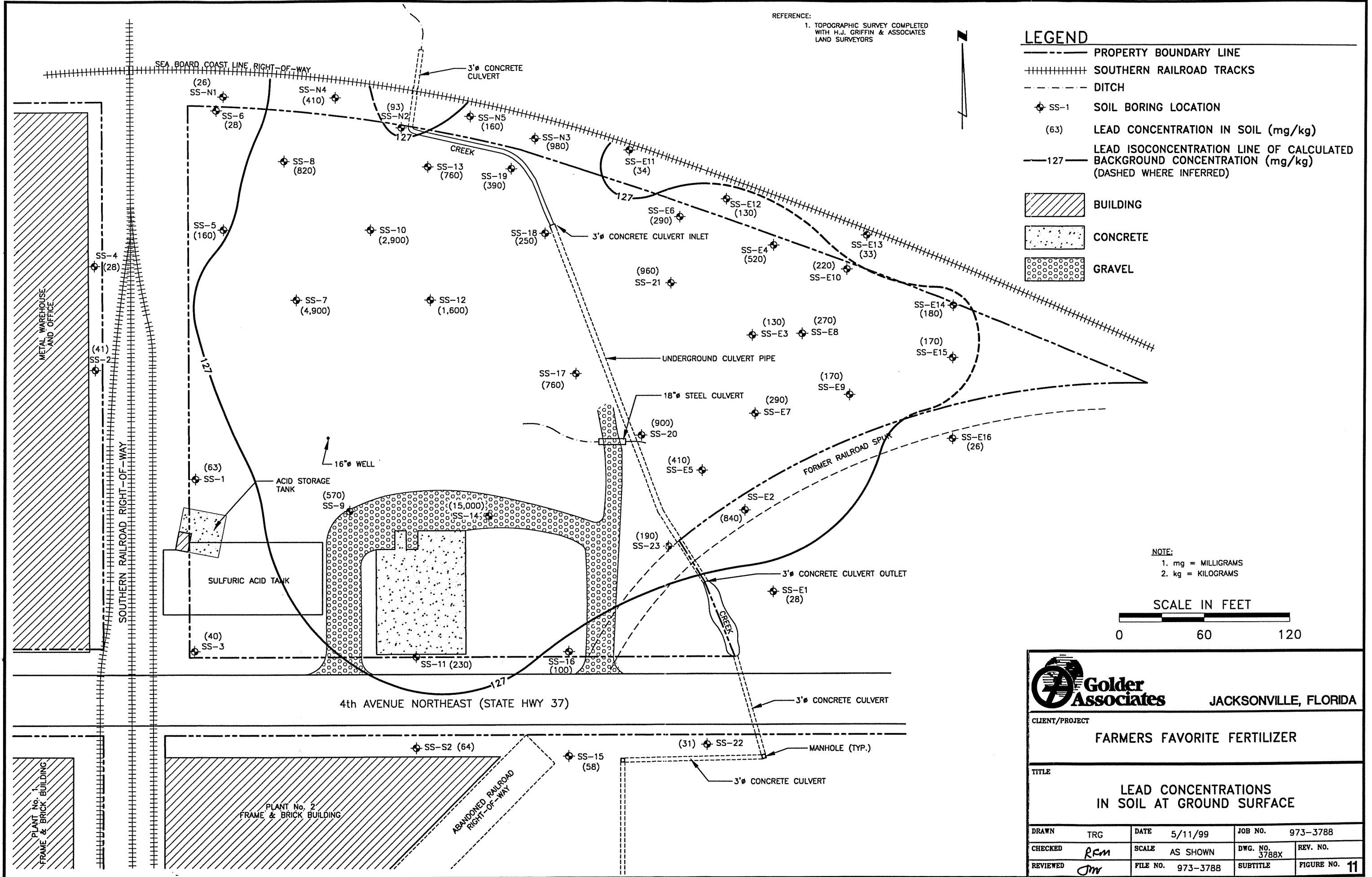
Figures F-1 (CSR99)

REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED WITH H.J. GRIFFIN & ASSOCIATES LAND SURVEYORS

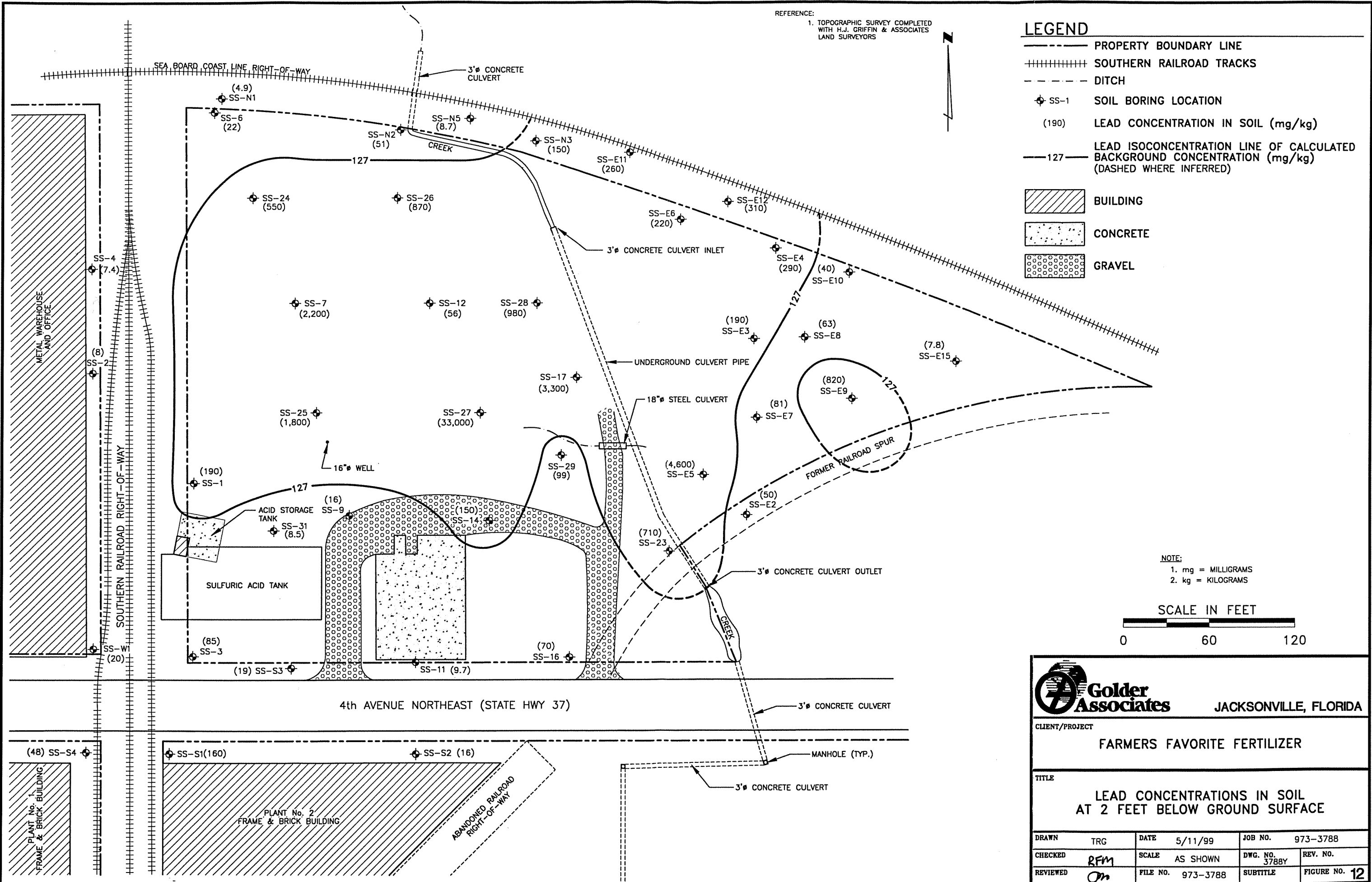


Golder Associates		JACKSONVILLE, FLORIDA	
CLIENT/PROJECT FARMERS FAVORITE FERTILIZER			
TITLE APPROXIMATE LOCATION OF X-RAY FLUORESCENCE SOIL SAMPLES			
DRAWN	TRG	DATE	5/11/99
CHECKED	RFM	SCALE	AS SHOWN
REVIEWED	CMO	FILE NO.	973-3788
		JOB NO.	973-3788
		DWG. NO.	3988T
		SUBTITLE	FIGURE NO. 4

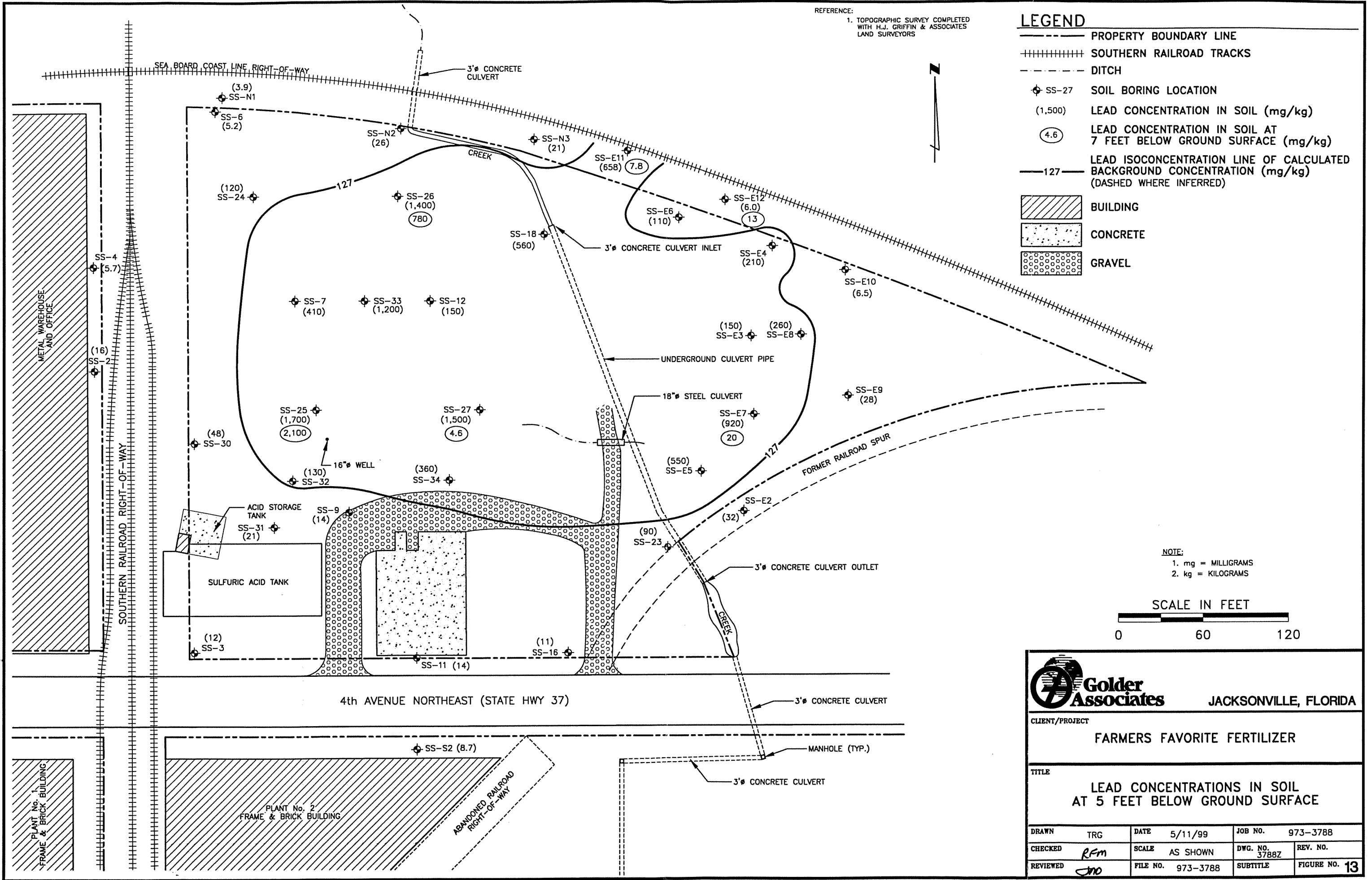
Figures F-1 (CSR99)



Figures F-1 (CSR99)



Figures F-1 (CSR99)



Golder Associates JACKSONVILLE, FLORIDA

CLIENT/PROJECT
FARMERS FAVORITE FERTILIZER

TITLE
LEAD CONCENTRATIONS IN SOIL AT 5 FEET BELOW GROUND SURFACE

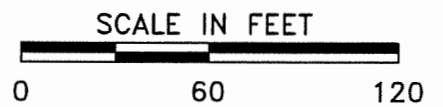
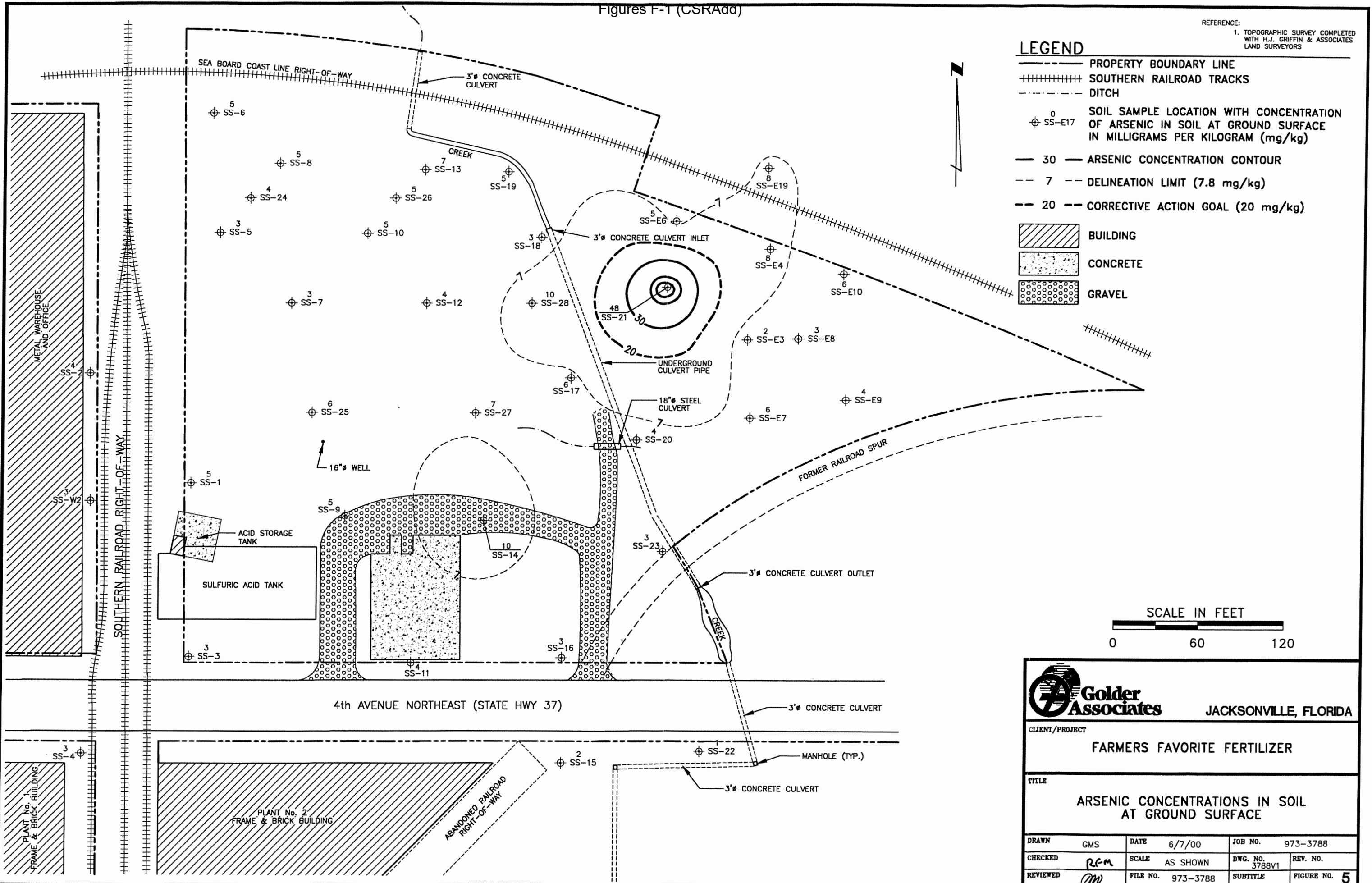
DRAWN	TRG	DATE	5/11/99	JOB NO.	973-3788
CHECKED	Rfm	SCALE	AS SHOWN	DWG. NO.	3788Z
REVIEWED	Jno	FILE NO.	973-3788	SUBTITLE	FIGURE NO. 13

Figures F-1 (CSRAdd)

REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED WITH H.J. GRIFFIN & ASSOCIATES LAND SURVEYORS

LEGEND

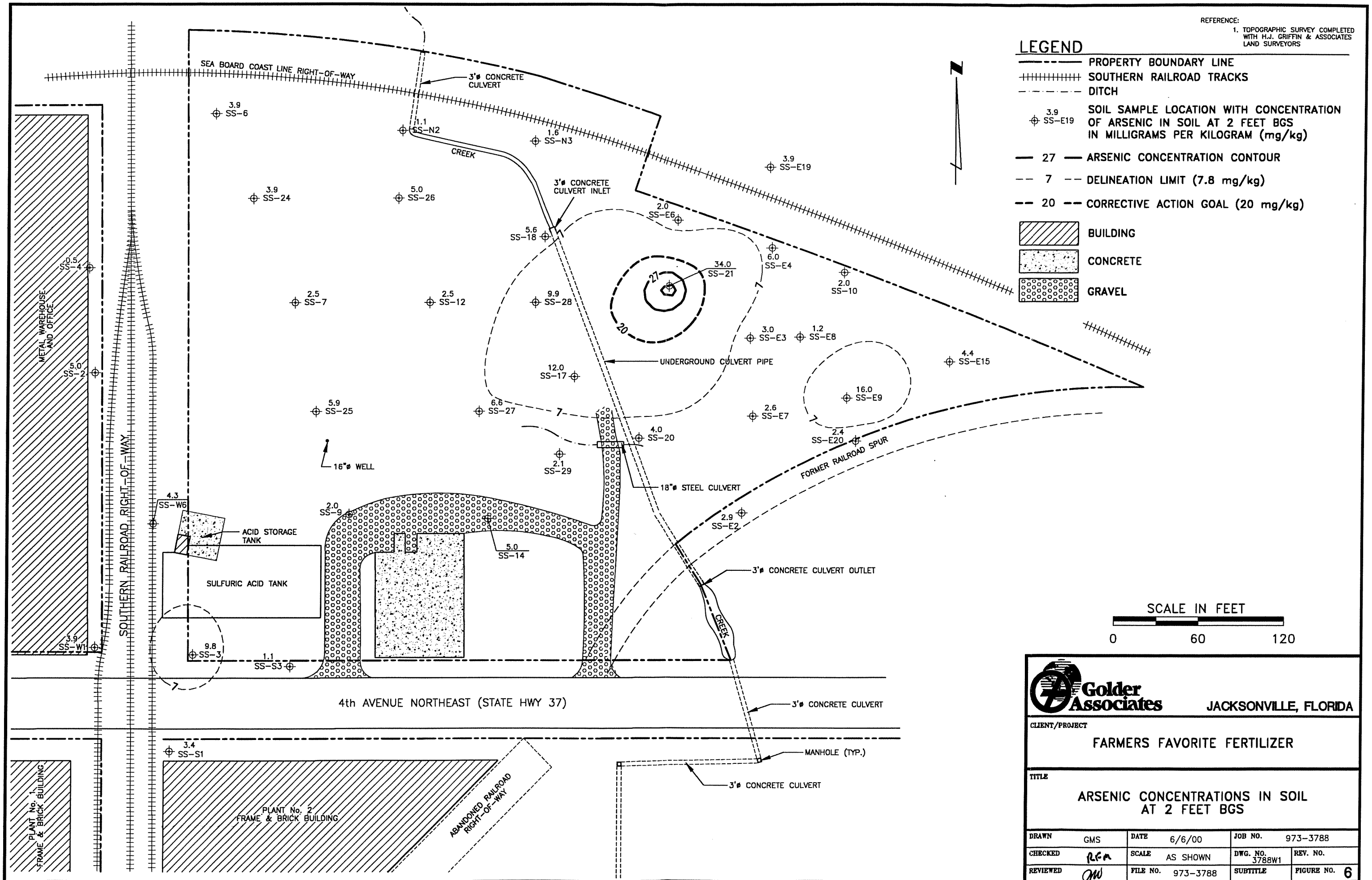
- PROPERTY BOUNDARY LINE
- ++++ SOUTHERN RAILROAD TRACKS
- - - DITCH
- ⊕⁰ SS-E17 SOIL SAMPLE LOCATION WITH CONCENTRATION OF ARSENIC IN SOIL AT GROUND SURFACE IN MILLIGRAMS PER KILOGRAM (mg/kg)
- 30 — ARSENIC CONCENTRATION CONTOUR
- - - 7 - - DELINEATION LIMIT (7.8 mg/kg)
- - - 20 - - CORRECTIVE ACTION GOAL (20 mg/kg)
- [Hatched Box] BUILDING
- [Dotted Box] CONCRETE
- [Grid Box] GRAVEL



		Golder Associates		JACKSONVILLE, FLORIDA	
CLIENT/PROJECT					
FARMERS FAVORITE FERTILIZER					
TITLE					
ARSENIC CONCENTRATIONS IN SOIL AT GROUND SURFACE					
DRAWN	GMS	DATE	6/7/00	JOB NO.	973-3788
CHECKED	<i>RCM</i>	SCALE	AS SHOWN	DWG. NO.	3788V1
REVIEWED	<i>OM</i>	FILE NO.	973-3788	SUBTITLE	FIGURE NO. 5

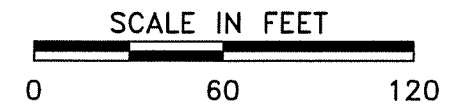
Figures F-1 (CSRAdd)

REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED WITH H.J. GRIFFIN & ASSOCIATES LAND SURVEYORS



LEGEND

- PROPERTY BOUNDARY LINE
- +++++ SOUTHERN RAILROAD TRACKS
- - - - - DITCH
- ⊕ 3.9 SS-E19 SOIL SAMPLE LOCATION WITH CONCENTRATION OF ARSENIC IN SOIL AT 2 FEET BGS IN MILLIGRAMS PER KILOGRAM (mg/kg)
- 27 — ARSENIC CONCENTRATION CONTOUR
- - - 7 - - DELINEATION LIMIT (7.8 mg/kg)
- - - 20 - - CORRECTIVE ACTION GOAL (20 mg/kg)
- [Hatched Box] BUILDING
- [Stippled Box] CONCRETE
- [Dotted Box] GRAVEL



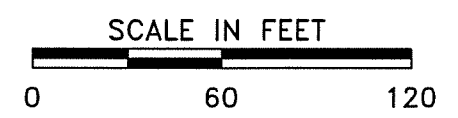
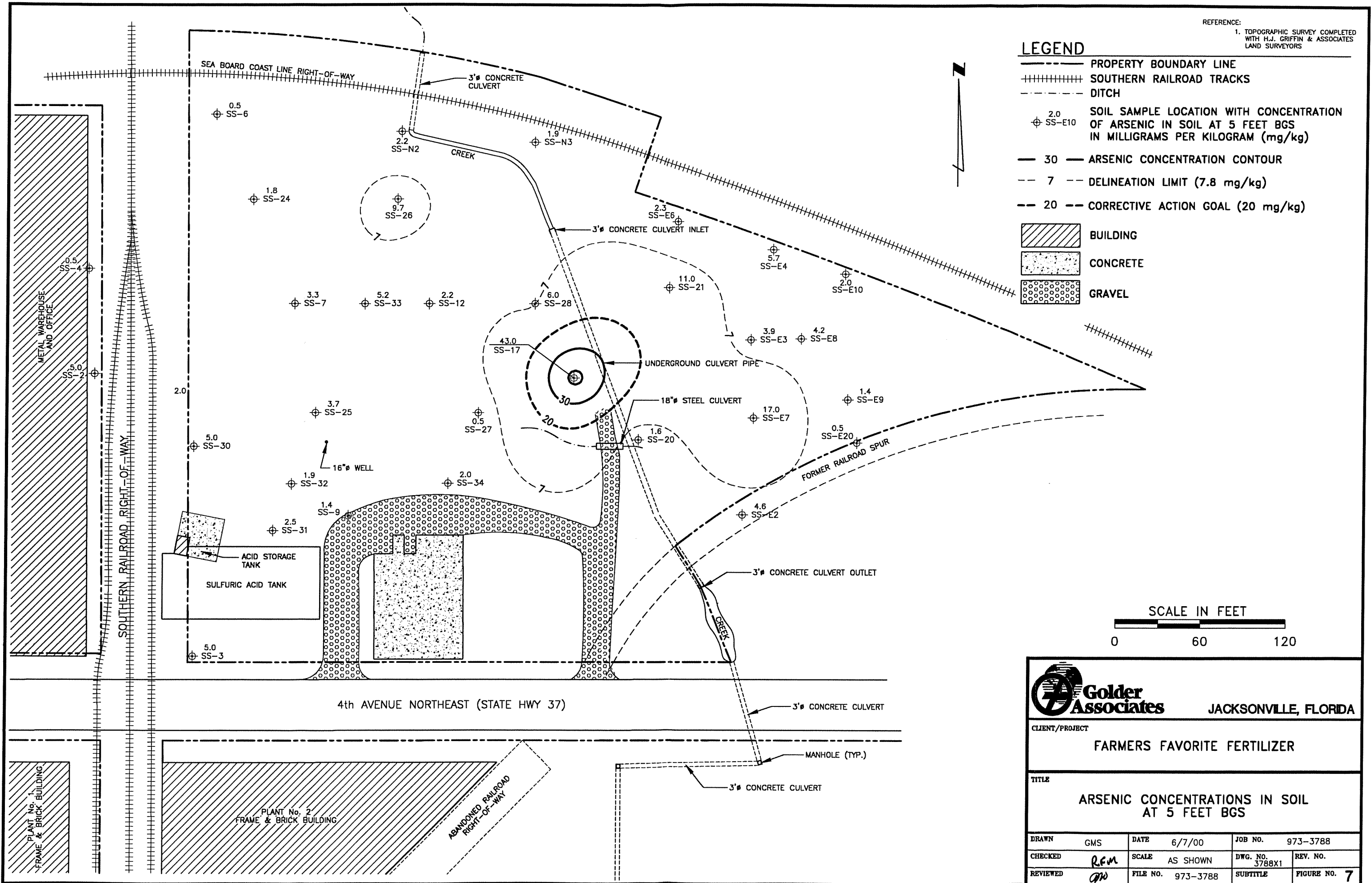
Golder Associates		JACKSONVILLE, FLORIDA	
CLIENT/PROJECT FARMERS FAVORITE FERTILIZER			
TITLE ARSENIC CONCENTRATIONS IN SOIL AT 2 FEET BGS			
DRAWN	GMS	DATE	6/6/00
CHECKED	RFA	SCALE	AS SHOWN
REVIEWED	OW	FILE NO.	973-3788
		JOB NO.	973-3788
		DWG. NO.	3788W1
		SUBTITLE	FIGURE NO. 6

Figures F-1 (CSRAdd)

REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED WITH H.J. GRIFFIN & ASSOCIATES LAND SURVEYORS

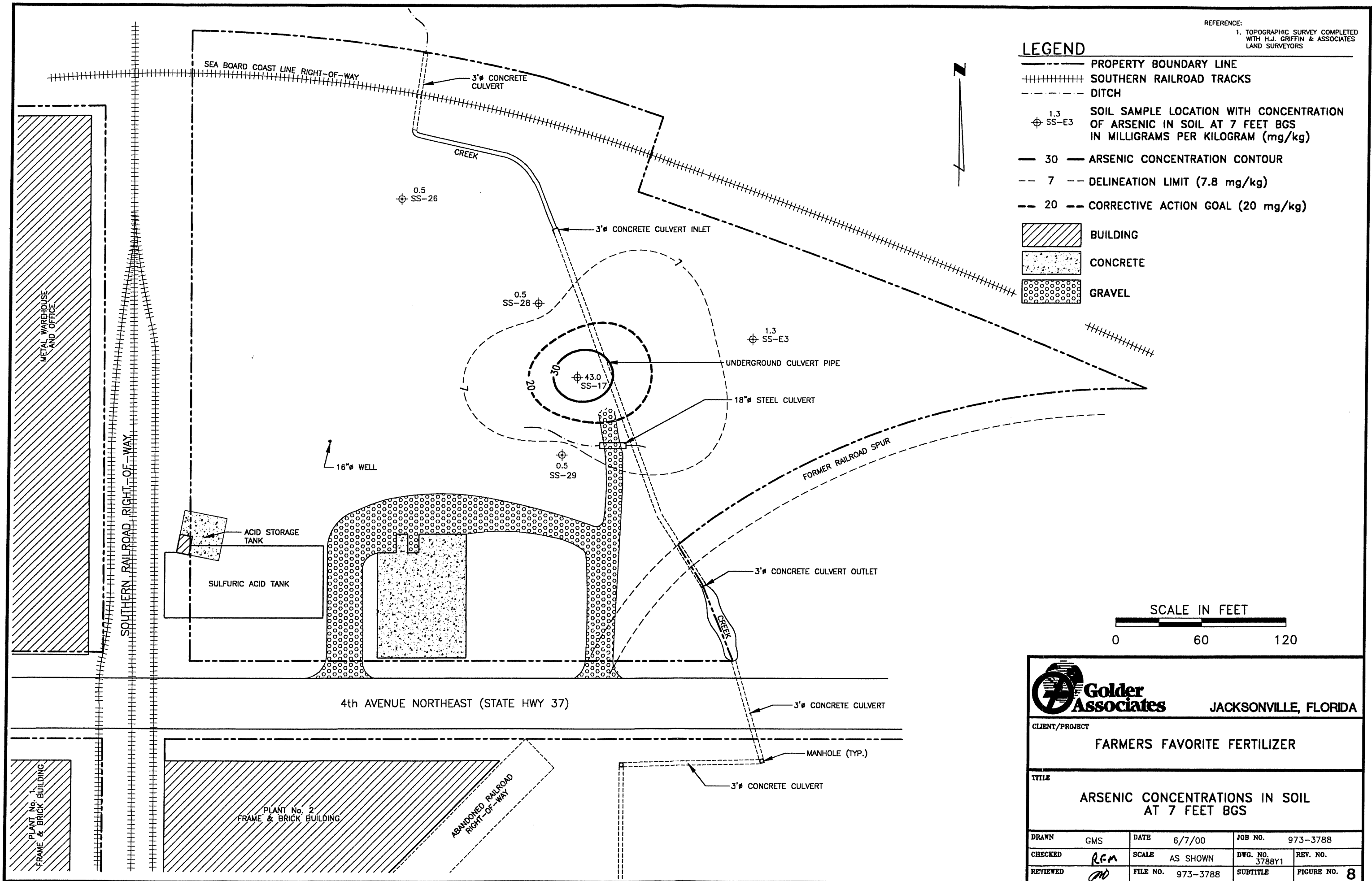
LEGEND

- PROPERTY BOUNDARY LINE
- +++++ SOUTHERN RAILROAD TRACKS
- - - - - DITCH
- ⊕ 2.0 SS-E10 SOIL SAMPLE LOCATION WITH CONCENTRATION OF ARSENIC IN SOIL AT 5 FEET BGS IN MILLIGRAMS PER KILOGRAM (mg/kg)
- 30 — ARSENIC CONCENTRATION CONTOUR
- - - 7 - - DELINEATION LIMIT (7.8 mg/kg)
- - - 20 - - CORRECTIVE ACTION GOAL (20 mg/kg)
- [Hatched Box] BUILDING
- [Stippled Box] CONCRETE
- [Dotted Box] GRAVEL



		Golder Associates		JACKSONVILLE, FLORIDA	
CLIENT/PROJECT					
FARMERS FAVORITE FERTILIZER					
TITLE					
ARSENIC CONCENTRATIONS IN SOIL AT 5 FEET BGS					
DRAWN	GMS	DATE	6/7/00	JOB NO.	973-3788
CHECKED	RFM	SCALE	AS SHOWN	DWG. NO.	3788X1
REVIEWED	AW	FILE NO.	973-3788	SUBTITLE	FIGURE NO. 7

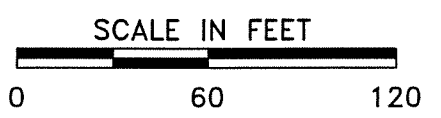
Figures F-1 (CSRAdd)



REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED WITH H.J. GRIFFIN & ASSOCIATES LAND SURVEYORS

LEGEND

- PROPERTY BOUNDARY LINE
- ++++ SOUTHERN RAILROAD TRACKS
- - - - DITCH
- ⊕ 1.3 SS-E3 SOIL SAMPLE LOCATION WITH CONCENTRATION OF ARSENIC IN SOIL AT 7 FEET BGS IN MILLIGRAMS PER KILOGRAM (mg/kg)
- 30 — ARSENIC CONCENTRATION CONTOUR
- - 7 - - DELINEATION LIMIT (7.8 mg/kg)
- - - 20 - - CORRECTIVE ACTION GOAL (20 mg/kg)
- [Hatched Box] BUILDING
- [Dotted Box] CONCRETE
- [Circular Pattern Box] GRAVEL



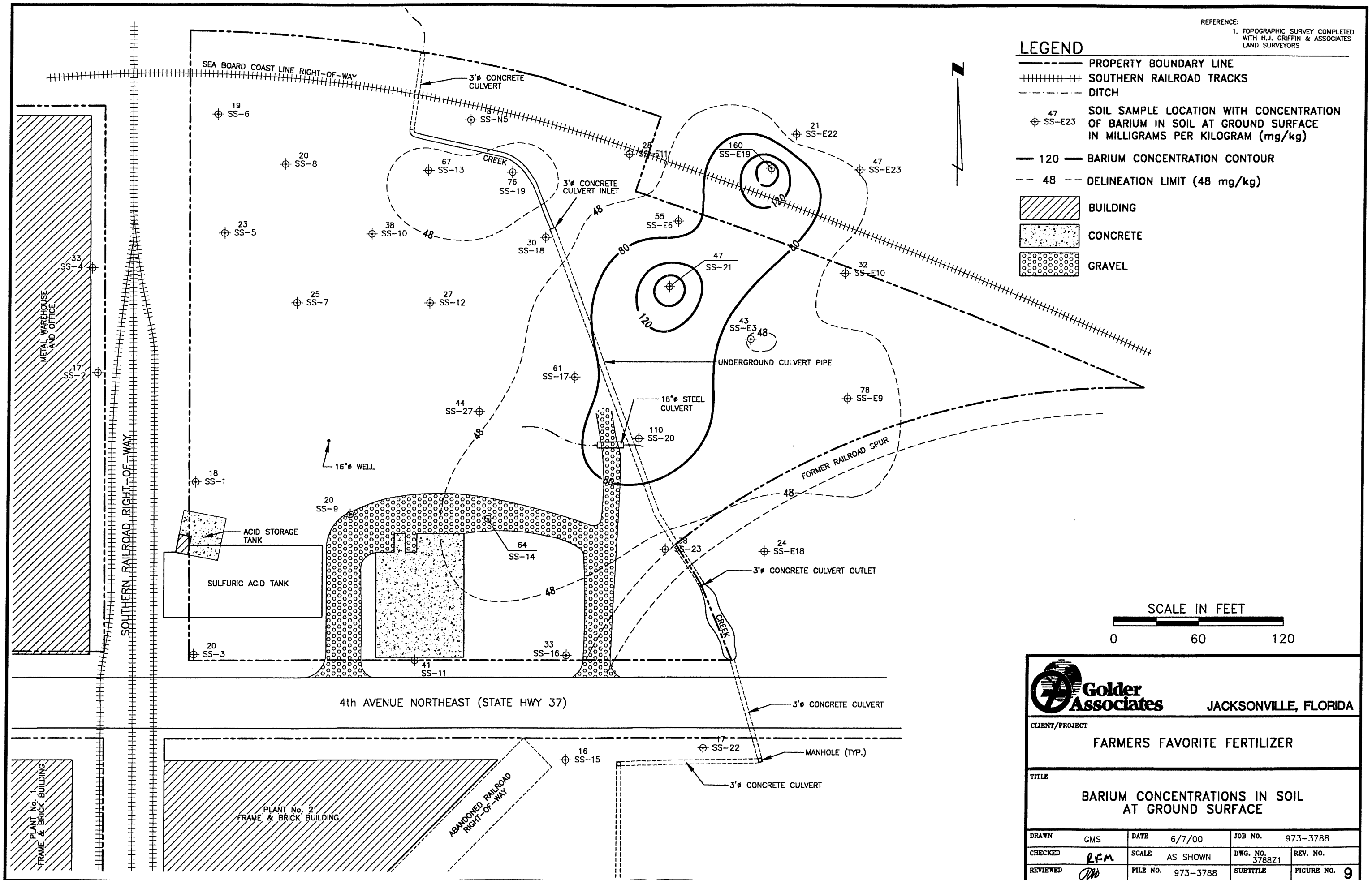
Golder Associates JACKSONVILLE, FLORIDA

CLIENT/PROJECT
FARMERS FAVORITE FERTILIZER

TITLE
ARSENIC CONCENTRATIONS IN SOIL AT 7 FEET BGS

DRAWN	GMS	DATE	6/7/00	JOB NO.	973-3788
CHECKED	<i>RGM</i>	SCALE	AS SHOWN	DWG. NO.	3788Y1
REVIEWED	<i>MD</i>	FILE NO.	973-3788	SUBTITLE	FIGURE NO. 8

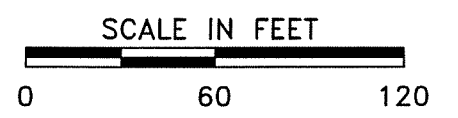
Figures F-1 (CSRAdd)



REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED WITH H.J. GRIFFIN & ASSOCIATES LAND SURVEYORS

LEGEND

- PROPERTY BOUNDARY LINE
- ++++ SOUTHERN RAILROAD TRACKS
- - - - DITCH
- ⊕ 47 SS-E23 SOIL SAMPLE LOCATION WITH CONCENTRATION OF BARIUM IN SOIL AT GROUND SURFACE IN MILLIGRAMS PER KILOGRAM (mg/kg)
- 120 — BARIUM CONCENTRATION CONTOUR
- - - 48 - - - DELINEATION LIMIT (48 mg/kg)
- [Hatched Box] BUILDING
- [Dotted Box] CONCRETE
- [Circular Pattern Box] GRAVEL



Golder Associates JACKSONVILLE, FLORIDA

CLIENT/PROJECT
FARMERS FAVORITE FERTILIZER


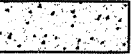

TITLE
BARIUM CONCENTRATIONS IN SOIL AT GROUND SURFACE

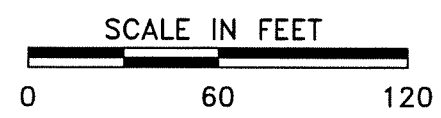
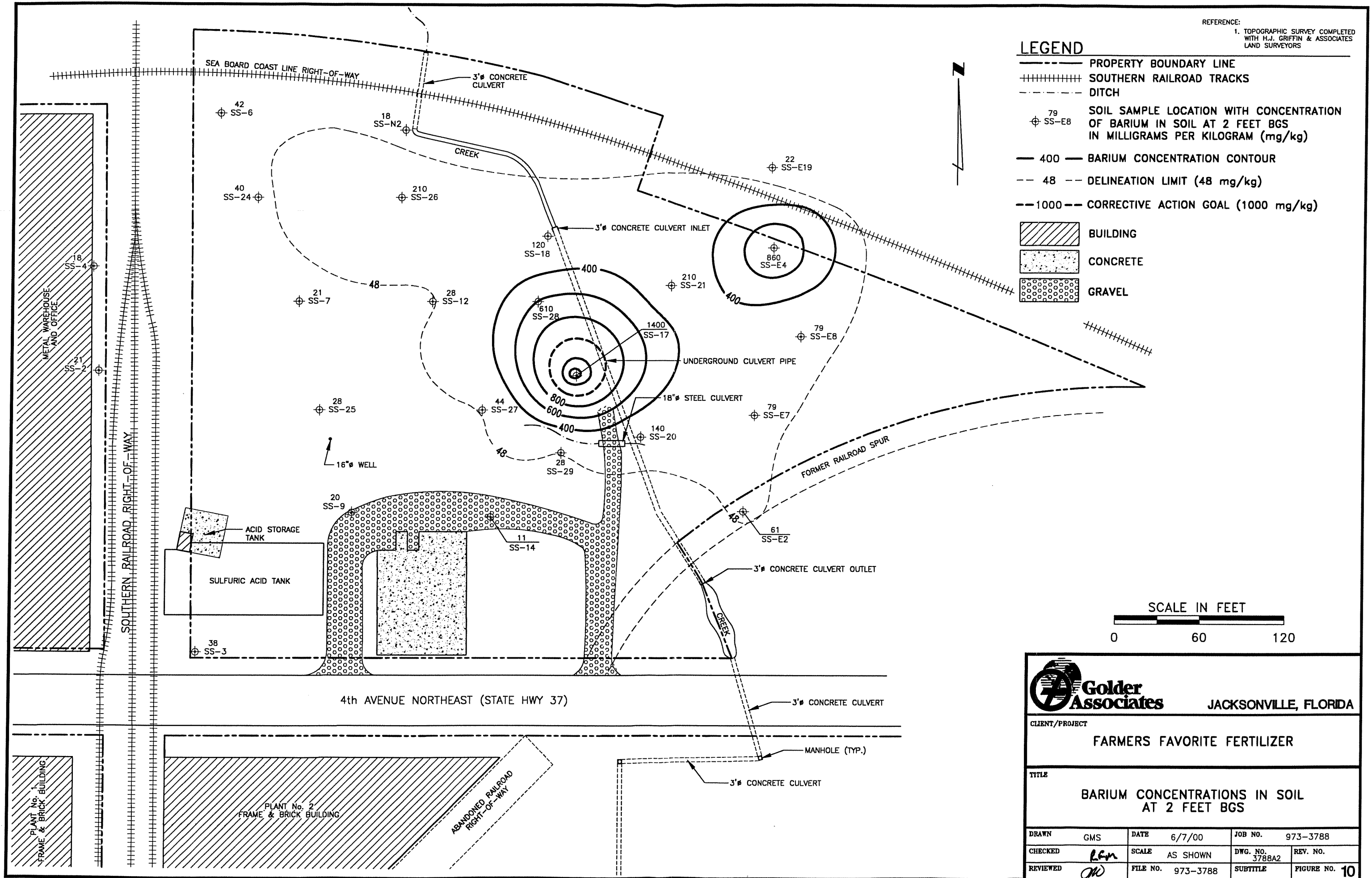
DRAWN	GMS	DATE	6/7/00	JOB NO.	973-3788
CHECKED	<i>RFM</i>	SCALE	AS SHOWN	DWG. NO.	3788Z1
REVIEWED	<i>RFM</i>	FILE NO.	973-3788	SUBTITLE	FIGURE NO. 9


Figures F-1 (CSRAdd)

REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED WITH H.J. GRIFFIN & ASSOCIATES LAND SURVEYORS

LEGEND

- PROPERTY BOUNDARY LINE
- ++++ SOUTHERN RAILROAD TRACKS
- - - - DITCH
- ⊕ 79 SS-E8 SOIL SAMPLE LOCATION WITH CONCENTRATION OF BARIUM IN SOIL AT 2 FEET BGS IN MILLIGRAMS PER KILOGRAM (mg/kg)
- 400 — BARIUM CONCENTRATION CONTOUR
- - 48 - - DELINEATION LIMIT (48 mg/kg)
- - 1000 - - CORRECTIVE ACTION GOAL (1000 mg/kg)
-  BUILDING
-  CONCRETE
-  GRAVEL



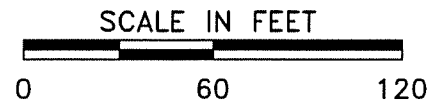
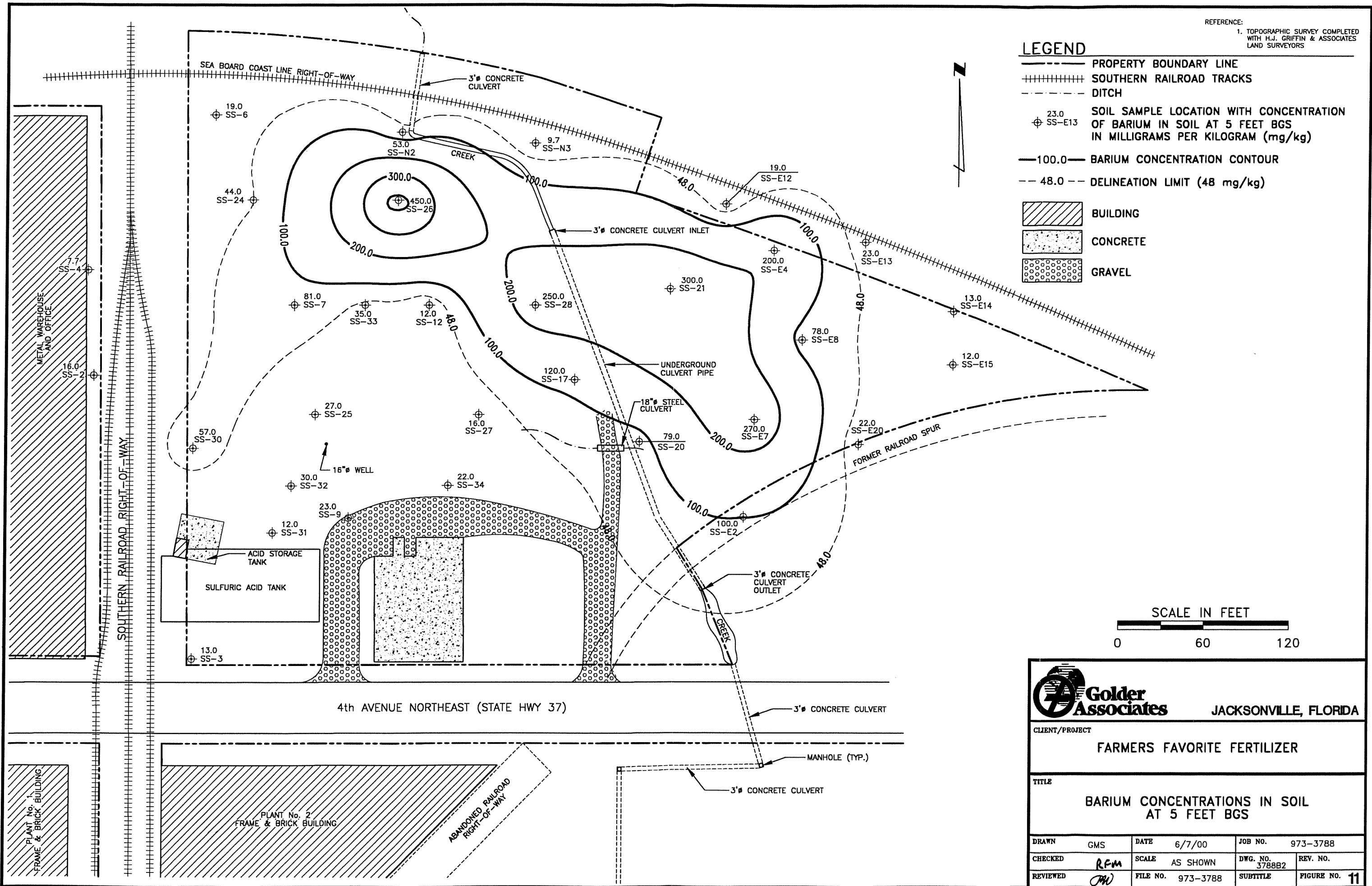
		JACKSONVILLE, FLORIDA	
CLIENT/PROJECT			
FARMERS FAVORITE FERTILIZER			
TITLE			
BARIUM CONCENTRATIONS IN SOIL AT 2 FEET BGS			
DRAWN	GMS	DATE	6/7/00
CHECKED	<i>LM</i>	SCALE	AS SHOWN
REVIEWED	<i>MD</i>	FILE NO.	973-3788
		JOB NO.	973-3788
		DWG. NO.	3788A2
		REVISION	REV. NO.
		SUBTITLE	FIGURE NO. 10

Figures F-1 (CSRAdd)

REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED WITH H.J. GRIFFIN & ASSOCIATES LAND SURVEYORS

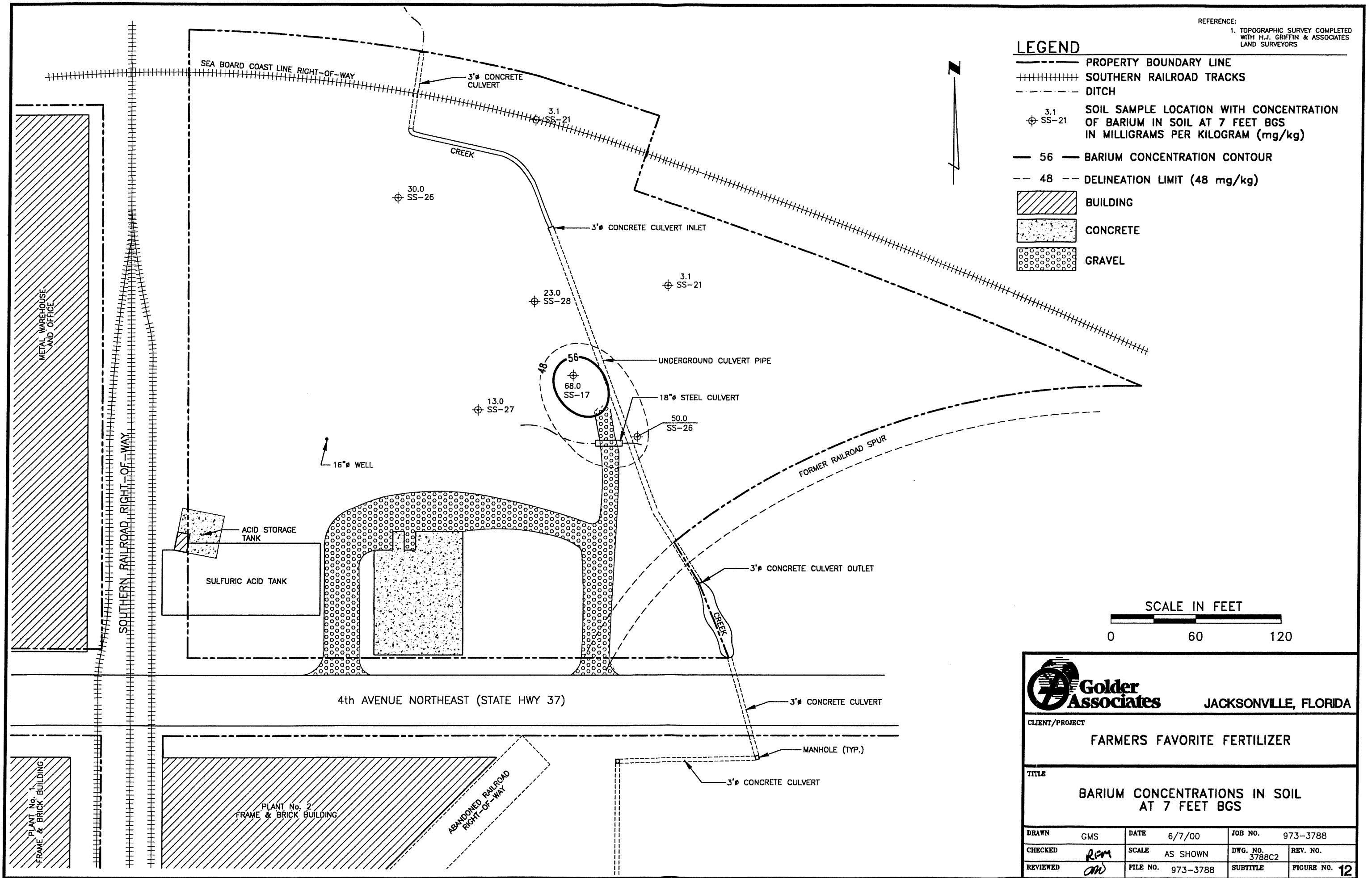
LEGEND

- PROPERTY BOUNDARY LINE
- ++++ SOUTHERN RAILROAD TRACKS
- - - - DITCH
- ⊕ 23.0 SS-E13 SOIL SAMPLE LOCATION WITH CONCENTRATION OF BARIUM IN SOIL AT 5 FEET BGS IN MILLIGRAMS PER KILOGRAM (mg/kg)
- 100.0— BARIUM CONCENTRATION CONTOUR
- - 48.0 - - DELINEATION LIMIT (48 mg/kg)
- [Hatched Box] BUILDING
- [Stippled Box] CONCRETE
- [Dotted Box] GRAVEL



		JACKSONVILLE, FLORIDA	
CLIENT/PROJECT			
FARMERS FAVORITE FERTILIZER			
TITLE			
BARIUM CONCENTRATIONS IN SOIL AT 5 FEET BGS			
DRAWN	GMS	DATE	6/7/00
CHECKED	RFM	SCALE	AS SHOWN
REVIEWED	CMW	FILE NO.	973-3788
JOB NO.		973-3788	
DWG. NO.		3788B2	
SUBTITLE		FIGURE NO. 11	

Figures F-1 (CSRAdd)



REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED WITH H.J. GRIFFIN & ASSOCIATES LAND SURVEYORS



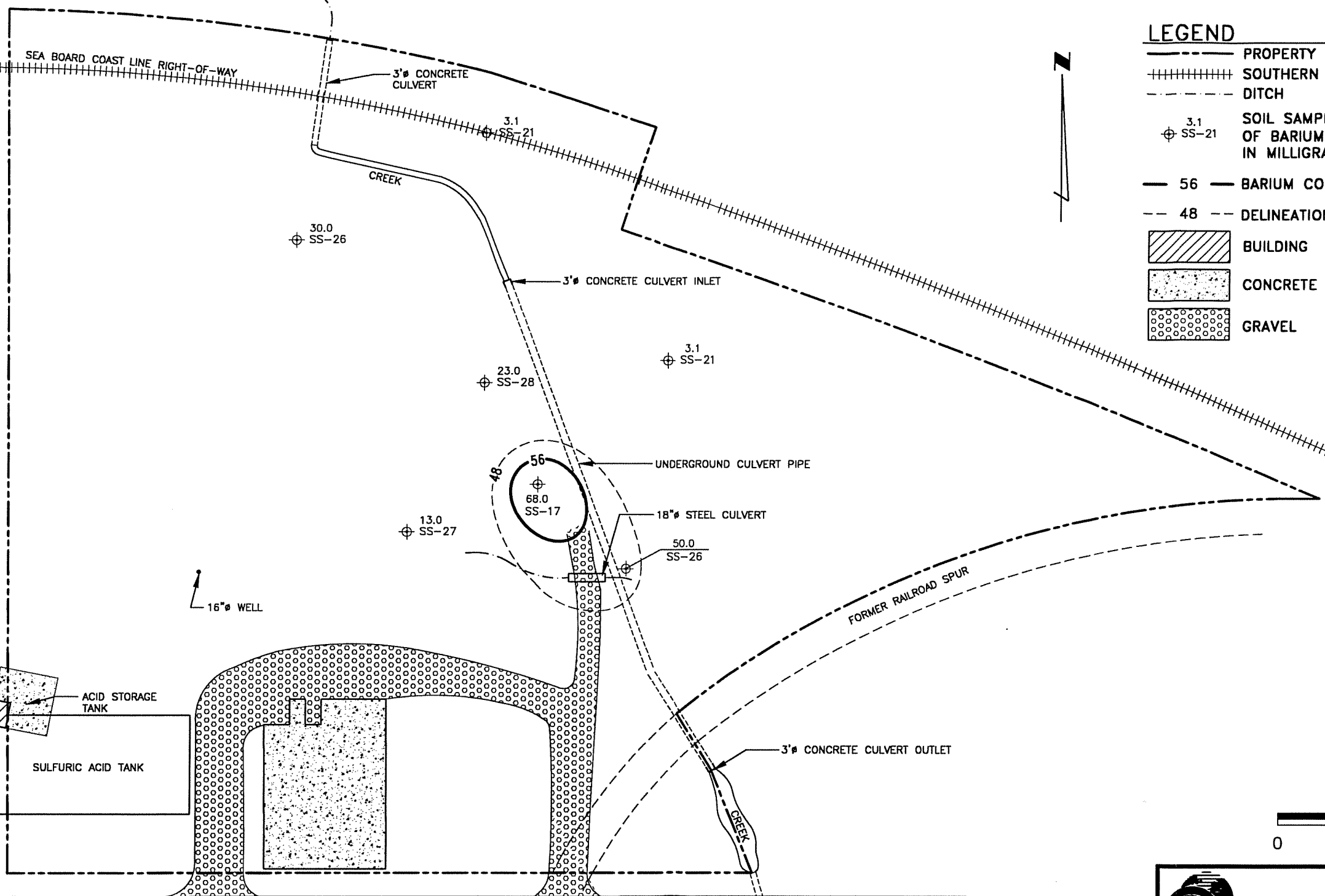
METAL WAREHOUSE AND OFFICE

SOUTHERN RAILROAD RIGHT-OF-WAY

ACID STORAGE TANK
SULFURIC ACID TANK

PLANT No. 1 FRAME & BRICK BUILDING
PLANT No. 2 FRAME & BRICK BUILDING
ABANDONED RAILROAD RIGHT-OF-WAY

4th AVENUE NORTHEAST (STATE HWY 37)



3.1 SS-21

30.0 SS-26

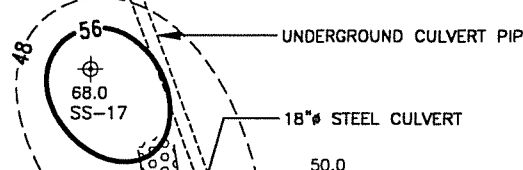
23.0 SS-28

3.1 SS-21

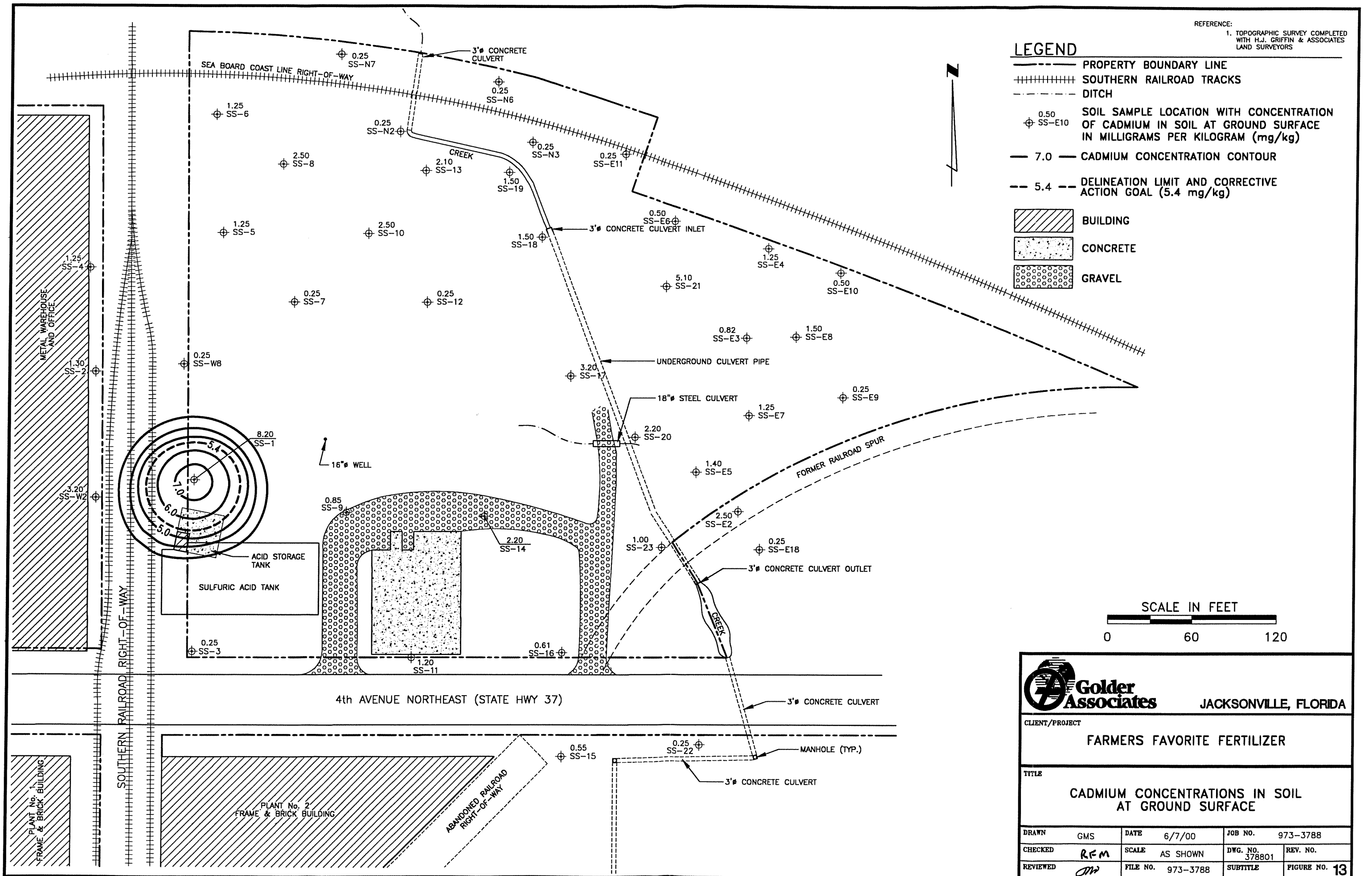
13.0 SS-27

68.0 SS-17

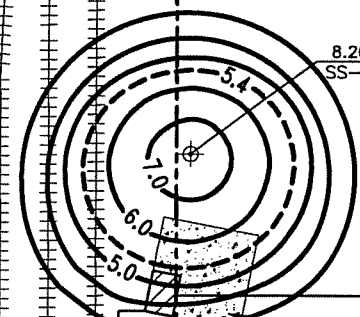
50.0 SS-26



Figures F-1 (CSRAdd)



REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED WITH H.J. GRIFFIN & ASSOCIATES LAND SURVEYORS



ACID STORAGE TANK
SULFURIC ACID TANK

SOUTHERN RAILROAD RIGHT-OF-WAY

4th AVENUE NORTHEAST (STATE HWY 37)

PLANT No. 2
FRAME & BRICK BUILDING

ABANDONED RAILROAD
RIGHT-OF-WAY

METAL WAREHOUSE
AND OFFICE

PLANT No. 1
FRAME & BRICK BUILDING

0.25
SS-3

1.25
SS-6

2.50
SS-8

1.25
SS-5

2.50
SS-10

0.25
SS-7

0.25
SS-12

0.25
SS-W8

1.25
SS-4

1.30
SS-2

3.20
SS-W2

8.20
SS-1

0.85
SS-9

2.20
SS-14

1.20
SS-11

0.61
SS-16

0.55
SS-15

0.25
SS-22

0.25
SS-N2

2.10
SS-13

1.50
SS-19

1.50
SS-18

0.25
SS-N3

0.25
SS-E11

0.50
SS-E6

5.10
SS-21

0.82
SS-E3

1.50
SS-E8

3.20
SS-17

2.20
SS-20

1.40
SS-E5

1.25
SS-E7

0.25
SS-E9

2.50
SS-E2

0.25
SS-E18

1.00
SS-23

2.50
SS-E2

0.25
SS-E18

1.00
SS-23

1.00
SS-23

1.40
SS-E5

1.25
SS-E7

0.25
SS-E9

2.50
SS-E2

0.25
SS-E18

1.00
SS-23

1.00
SS-23

1.40
SS-E5

1.25
SS-E7

0.25
SS-E9

2.50
SS-E2

0.25
SS-E18

1.00
SS-23

1.00
SS-23

1.40
SS-E5

1.25
SS-E7

0.25
SS-E9

2.50
SS-E2

0.25
SS-E18

1.00
SS-23

1.00
SS-23

1.40
SS-E5

1.25
SS-E7

0.25
SS-E9

2.50
SS-E2

0.25
SS-E18

1.00
SS-23

1.00
SS-23

1.40
SS-E5

1.25
SS-E7

0.25
SS-E9

2.50
SS-E2

0.25
SS-E18

1.00
SS-23

1.00
SS-23

1.40
SS-E5

1.25
SS-E7

0.25
SS-E9

2.50
SS-E2

0.25
SS-E18

1.00
SS-23

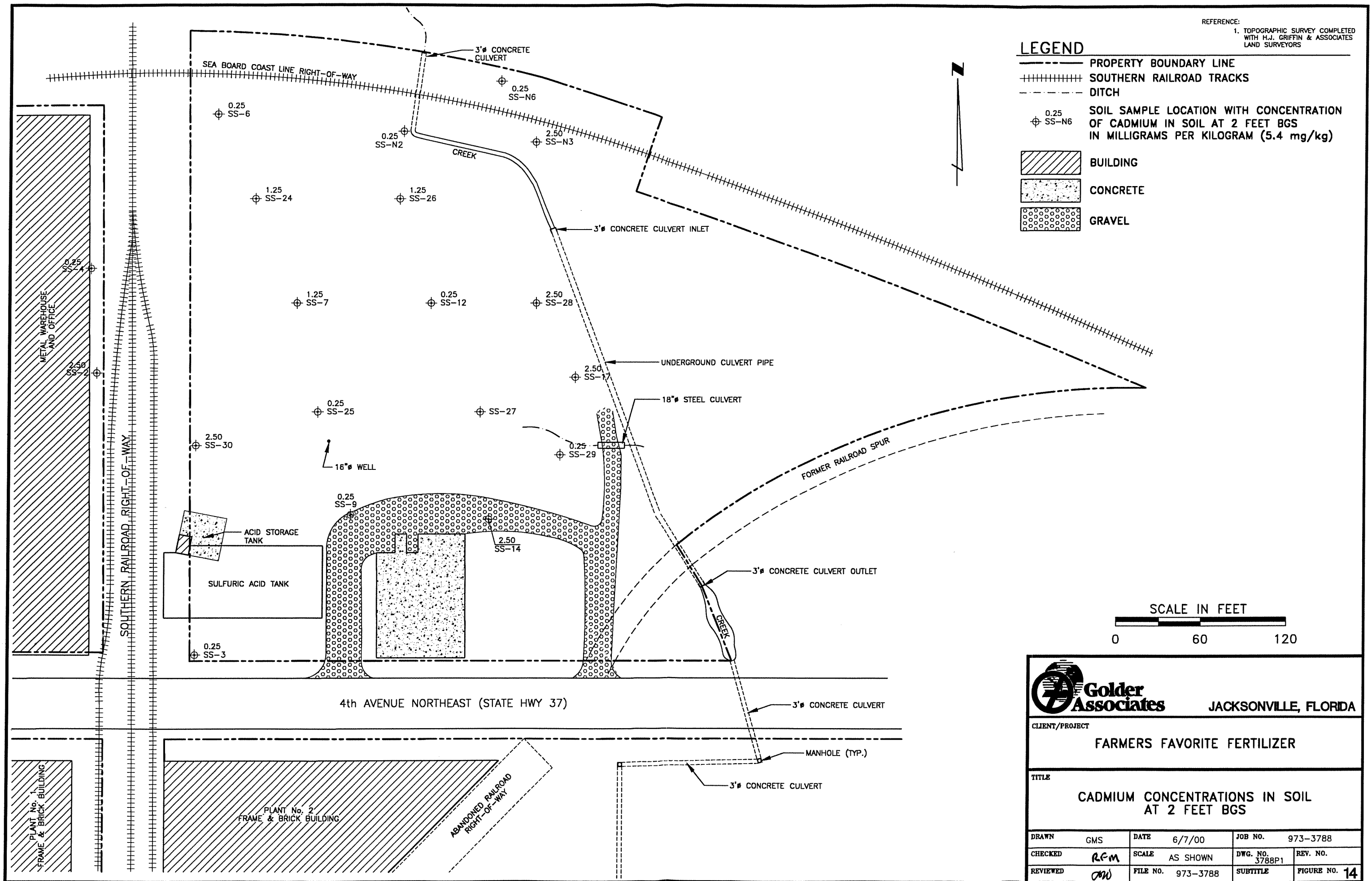
1.00
SS-23

1.40
SS-E5

1.25
SS-E7

0.25
SS-E9





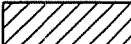


Figures F-1 (CSRAdd)

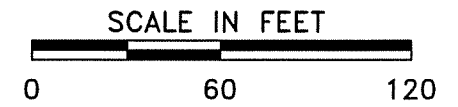
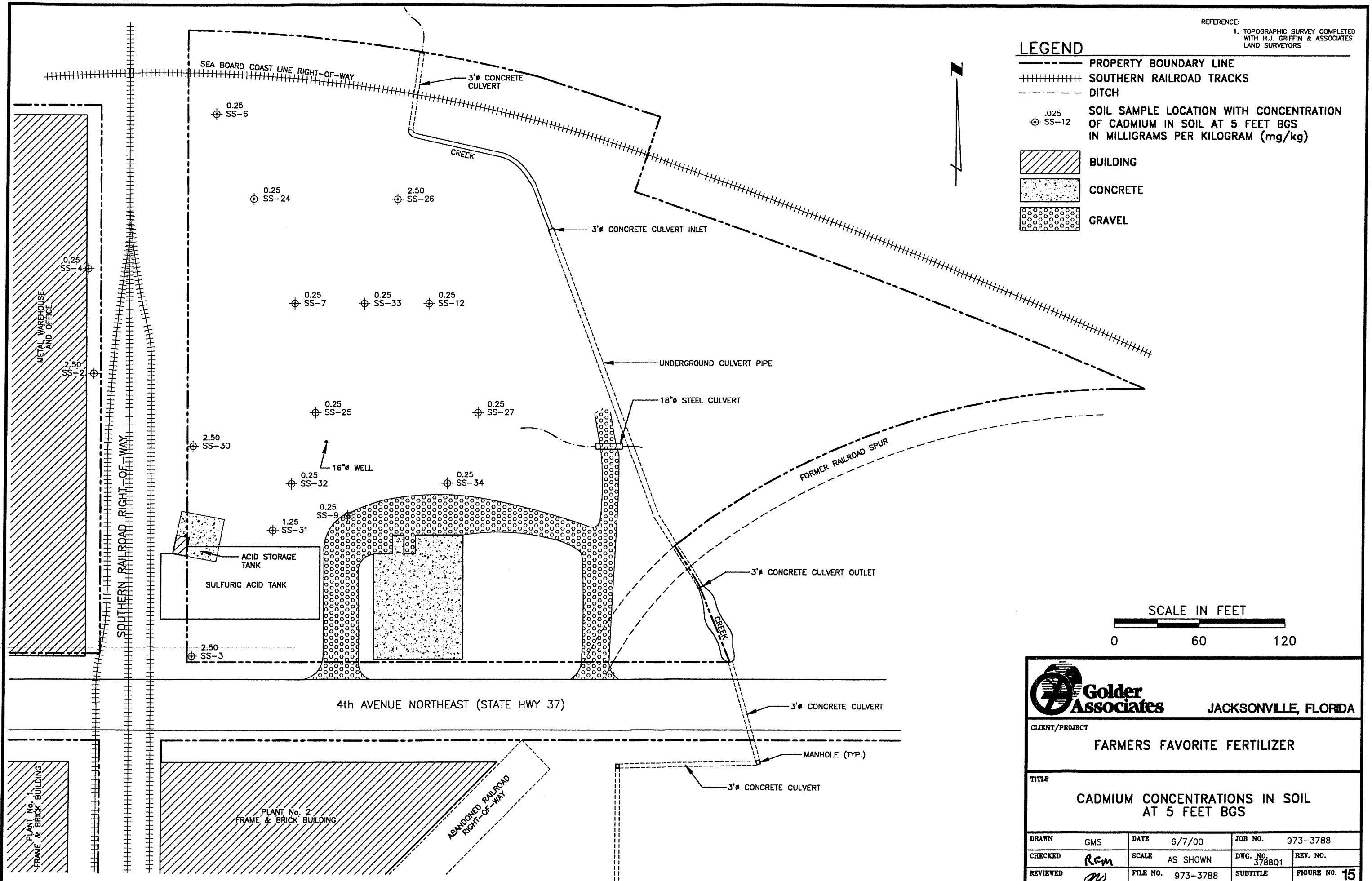



Figures F-1 (CSRAdd)

REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED WITH H.J. GRIFFIN & ASSOCIATES LAND SURVEYORS

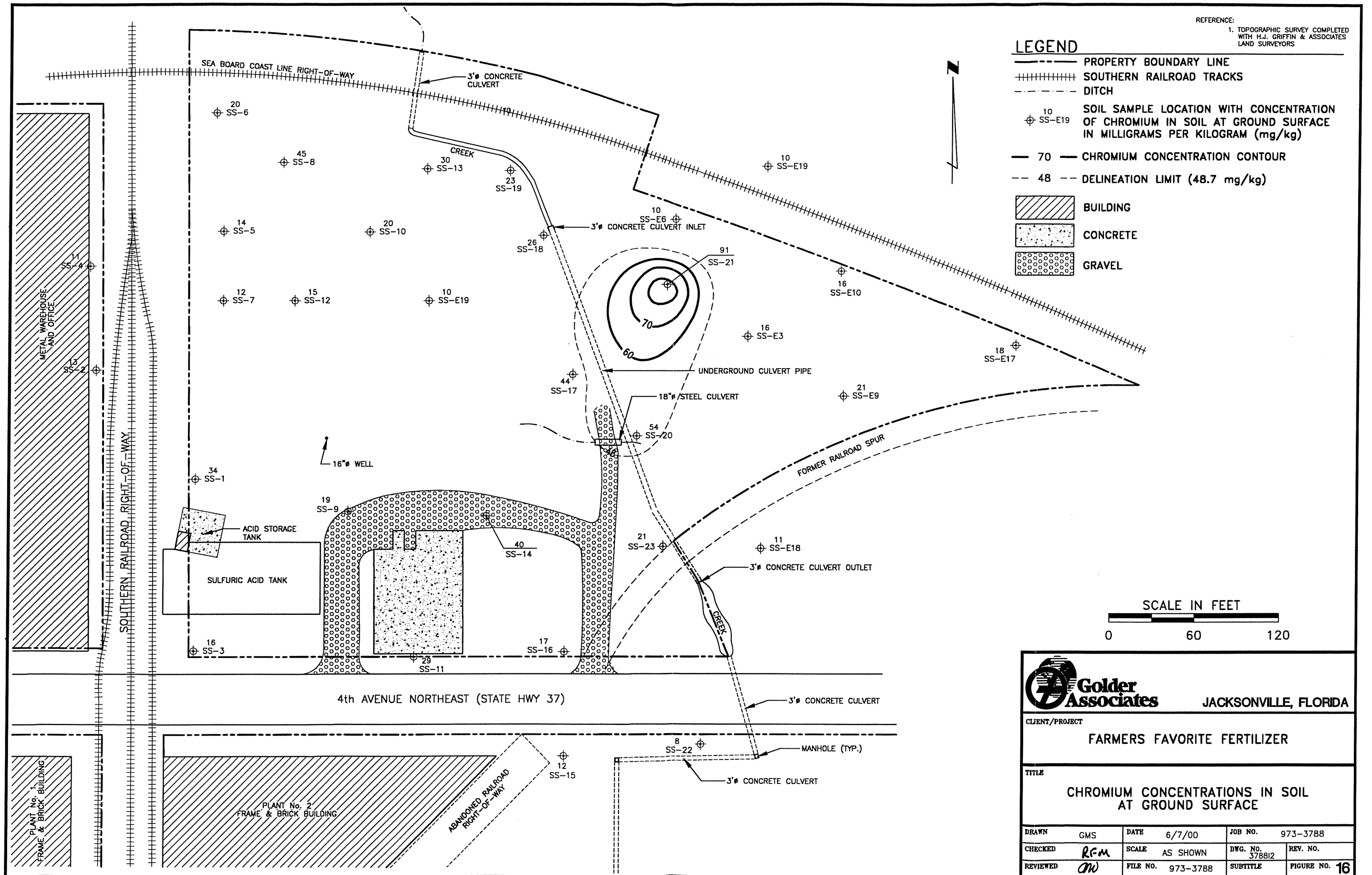
LEGEND

-  PROPERTY BOUNDARY LINE
-  SOUTHERN RAILROAD TRACKS
-  DITCH
-  SOIL SAMPLE LOCATION WITH CONCENTRATION OF CADMIUM IN SOIL AT 5 FEET BGS IN MILLIGRAMS PER KILOGRAM (mg/kg)
-  BUILDING
-  CONCRETE
-  GRAVEL



 Golder Associates		JACKSONVILLE, FLORIDA	
CLIENT/PROJECT FARMERS FAVORITE FERTILIZER			
TITLE CADMIUM CONCENTRATIONS IN SOIL AT 5 FEET BGS			
DRAWN	GMS	DATE	6/7/00
CHECKED	<i>Rcm</i>	SCALE	AS SHOWN
REVIEWED	<i>AW</i>	FILE NO.	973-3788
		JOB NO.	973-3788
		DWG. NO.	3788Q1
		REV. NO.	
		SUBTITLE	FIGURE NO. 15

Figures F-1 (CSRAdd)

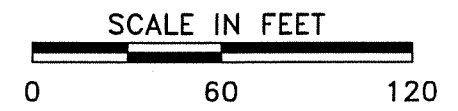
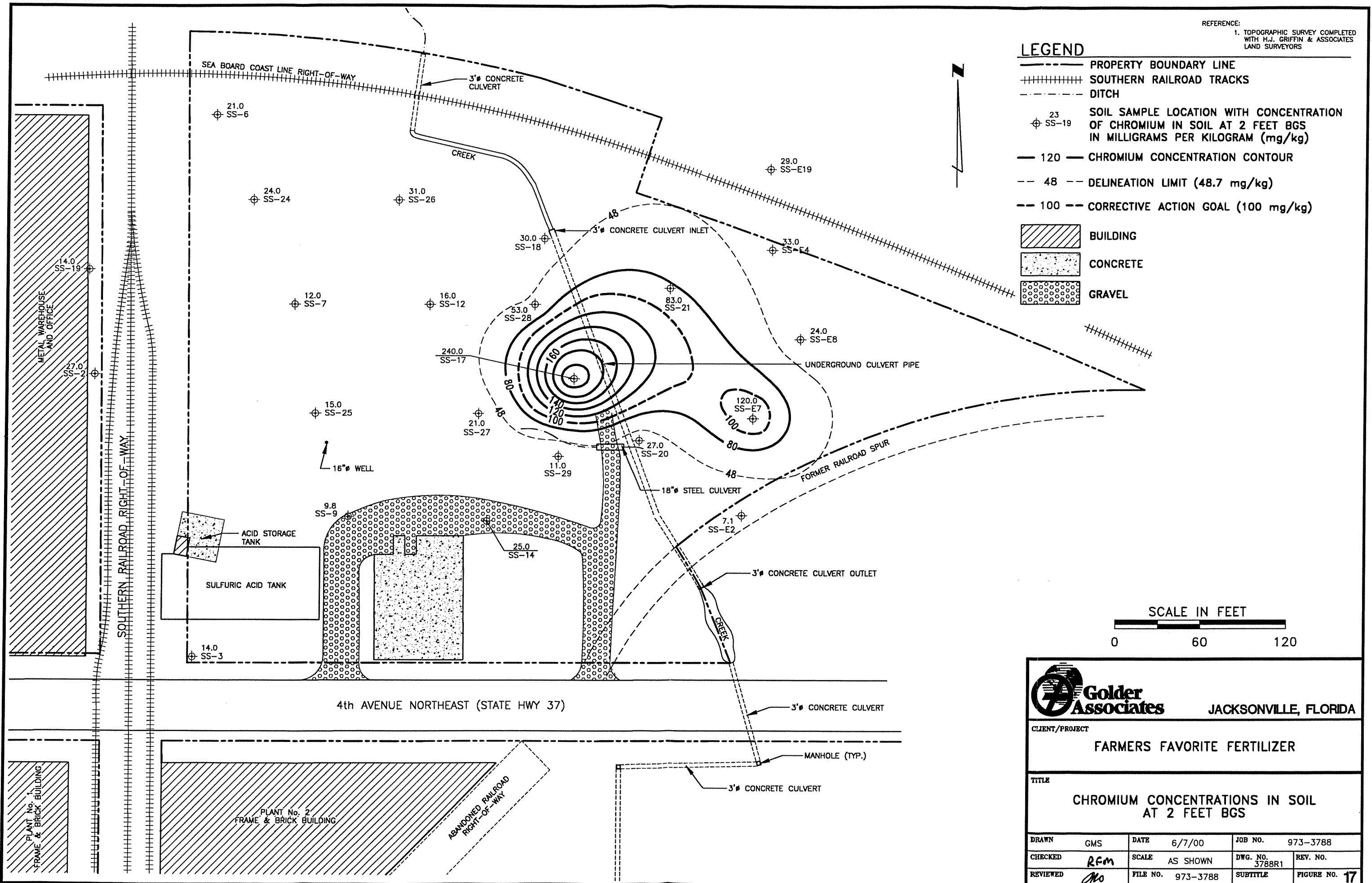


Figures F-1 (CSRAdd)

REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED WITH H.J. GRIFFIN & ASSOCIATES LAND SURVEYORS

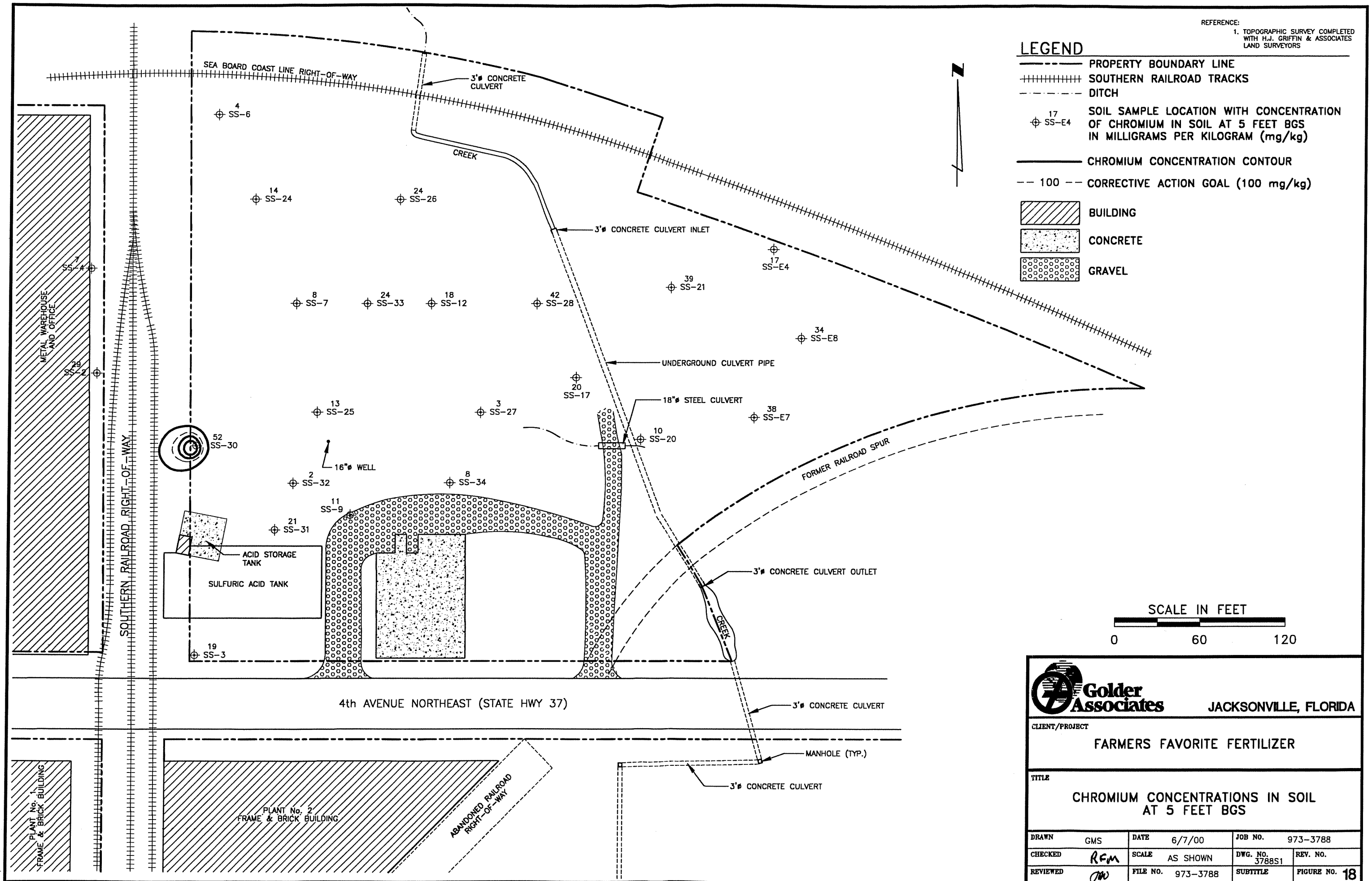
LEGEND

- PROPERTY BOUNDARY LINE
- ++++ SOUTHERN RAILROAD TRACKS
- - - DITCH
- ⊕ 23 SS-19 SOIL SAMPLE LOCATION WITH CONCENTRATION OF CHROMIUM IN SOIL AT 2 FEET BGS IN MILLIGRAMS PER KILOGRAM (mg/kg)
- 120 — CHROMIUM CONCENTRATION CONTOUR
- - 48 - - DELINEATION LIMIT (48.7 mg/kg)
- - 100 - - CORRECTIVE ACTION GOAL (100 mg/kg)
- [Hatched Box] BUILDING
- [Stippled Box] CONCRETE
- [Dotted Box] GRAVEL



		JACKSONVILLE, FLORIDA	
CLIENT/PROJECT FARMERS FAVORITE FERTILIZER			
TITLE CHROMIUM CONCENTRATIONS IN SOIL AT 2 FEET BGS			
DRAWN	GMS	DATE	6/7/00
CHECKED	REM	SCALE	AS SHOWN
REVIEWED	MO	FILE NO.	973-3788
		JOB NO.	973-3788
		DWG. NO.	3788R1
		REV. NO.	
		SUBTITLE	FIGURE NO. 17

Figures F-1 (CSRAdd)



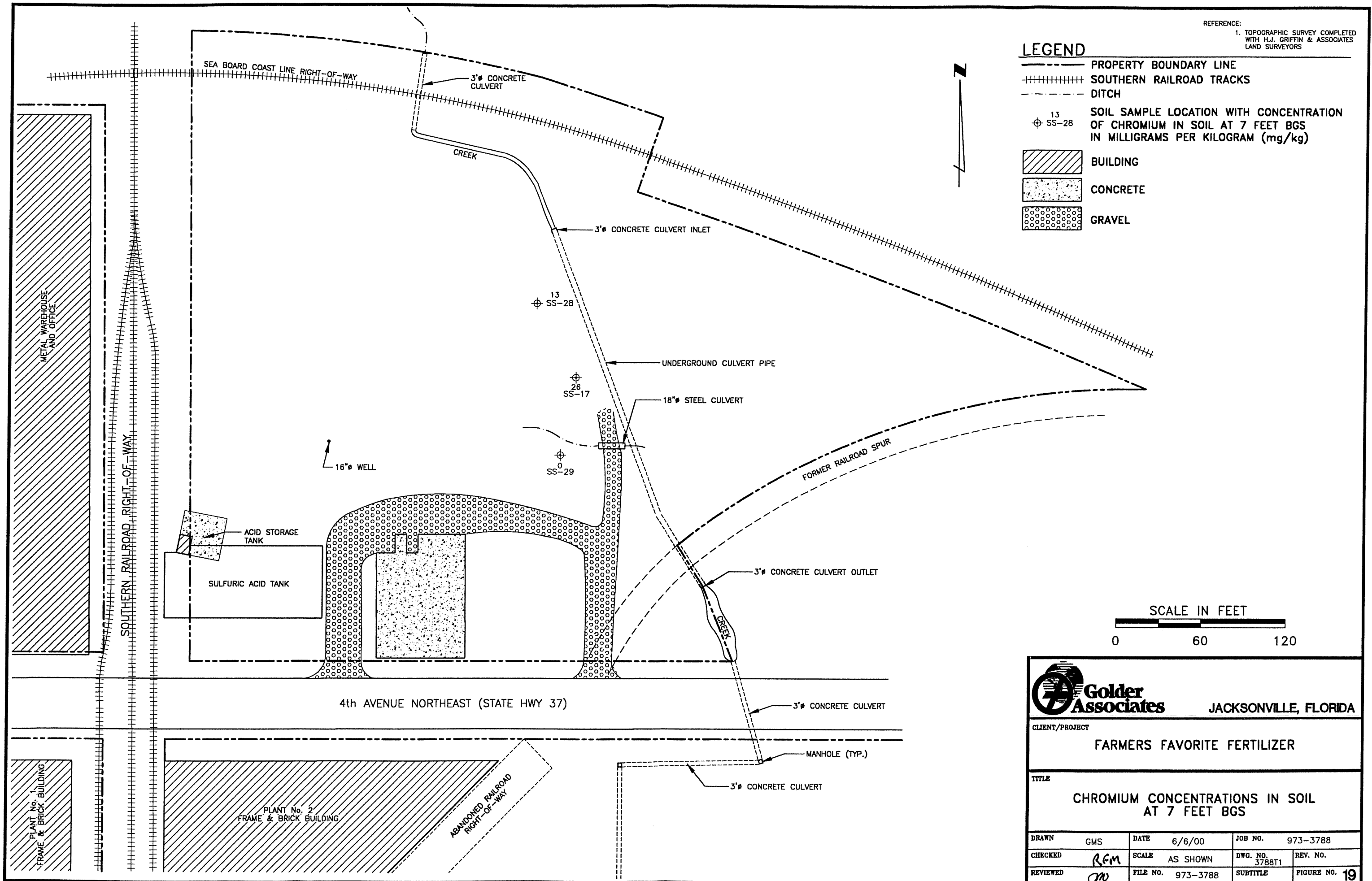
Golder Associates JACKSONVILLE, FLORIDA

CLIENT/PROJECT
FARMERS FAVORITE FERTILIZER

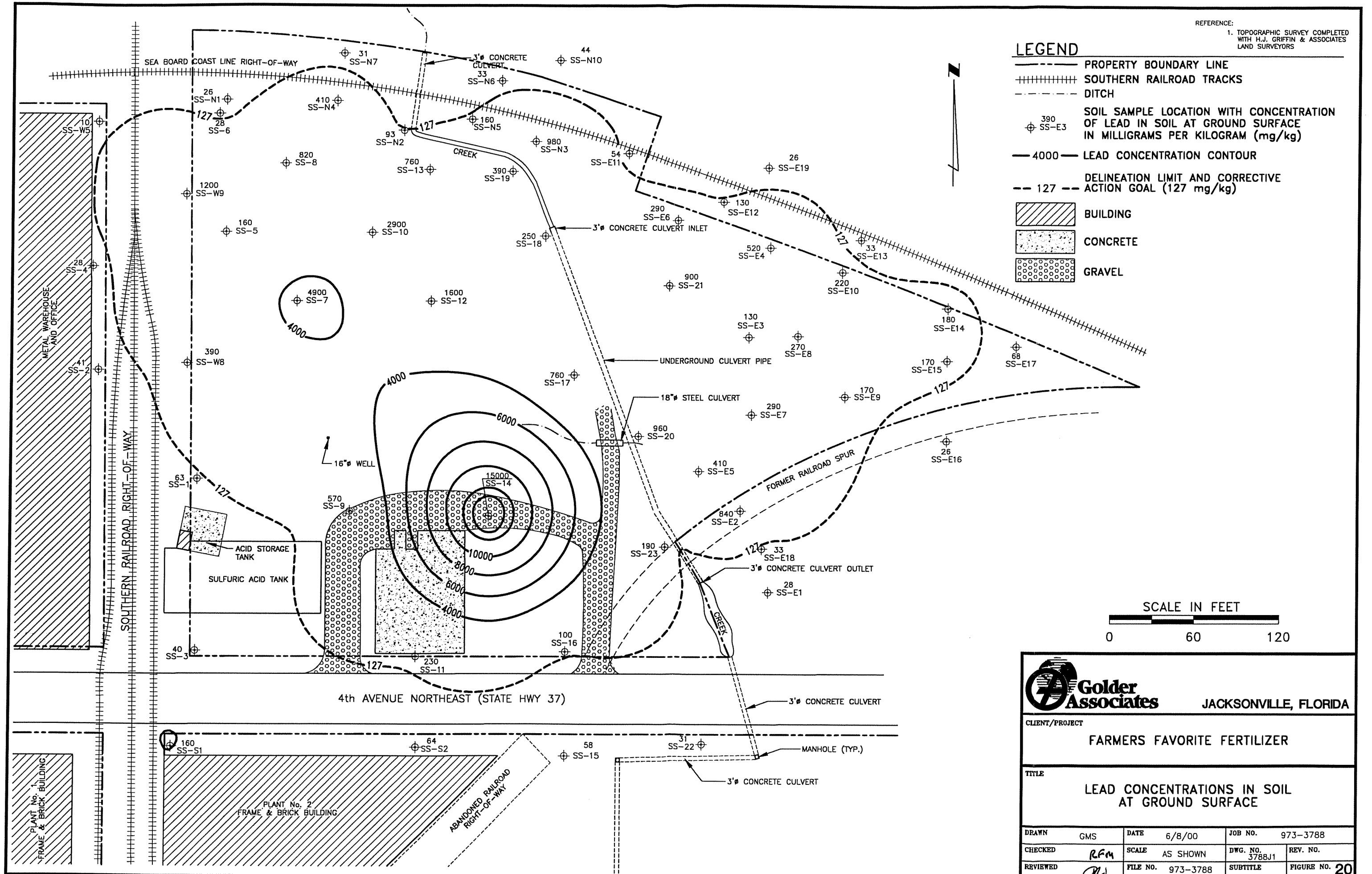
TITLE
CHROMIUM CONCENTRATIONS IN SOIL AT 5 FEET BGS

DRAWN	GMS	DATE	6/7/00	JOB NO.	973-3788
CHECKED	RGM	SCALE	AS SHOWN	DWG. NO.	3788S1
REVIEWED	JW	FILE NO.	973-3788	SUBTITLE	FIGURE NO. 18

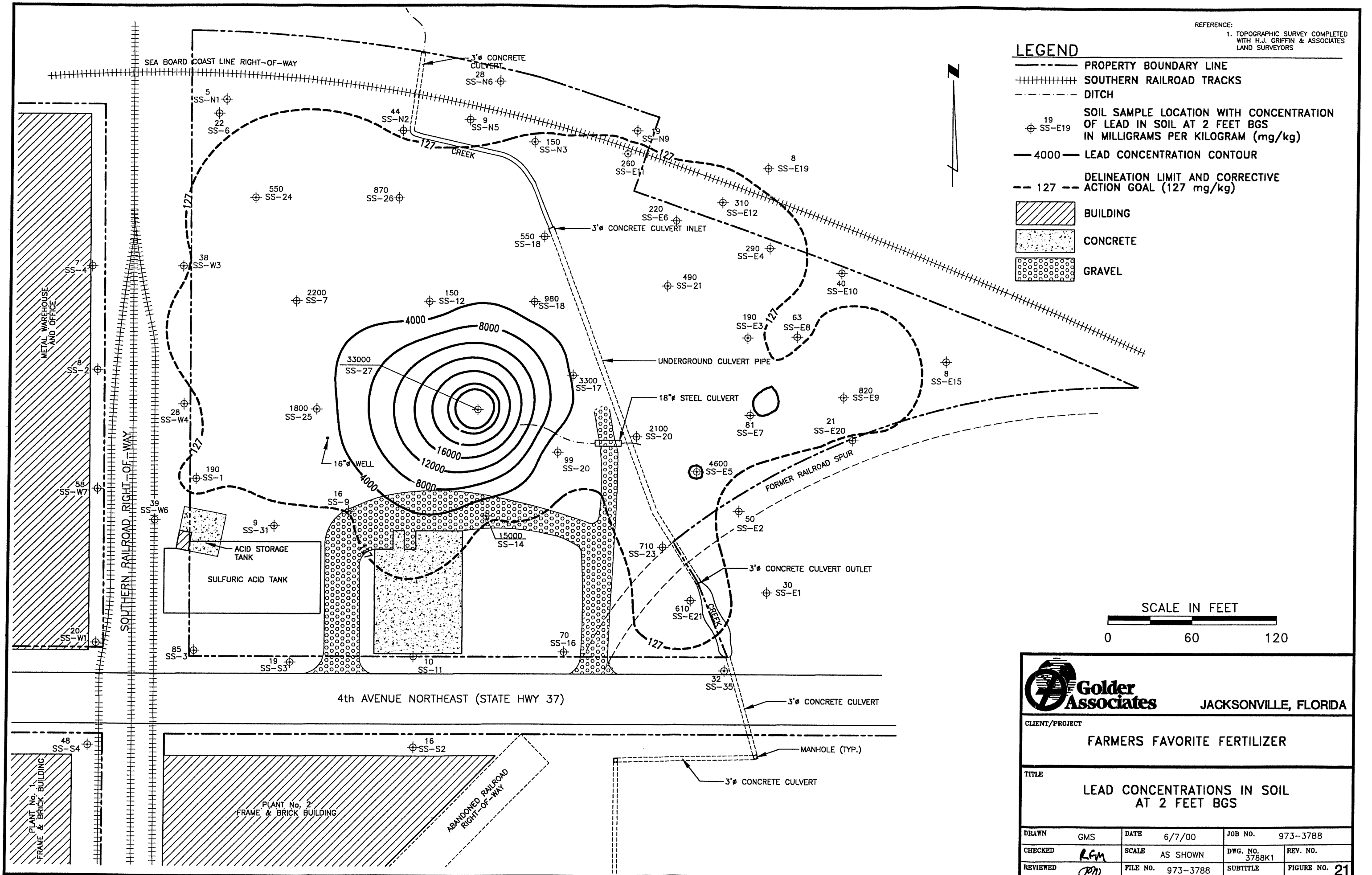
Figures F-1 (CSRAdd)



Figures F-1 (CSRAdd)



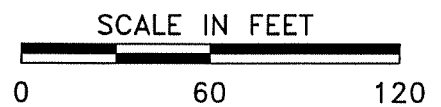
Figures F-1 (CSRAdd)



REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED WITH H.J. GRIFFIN & ASSOCIATES LAND SURVEYORS

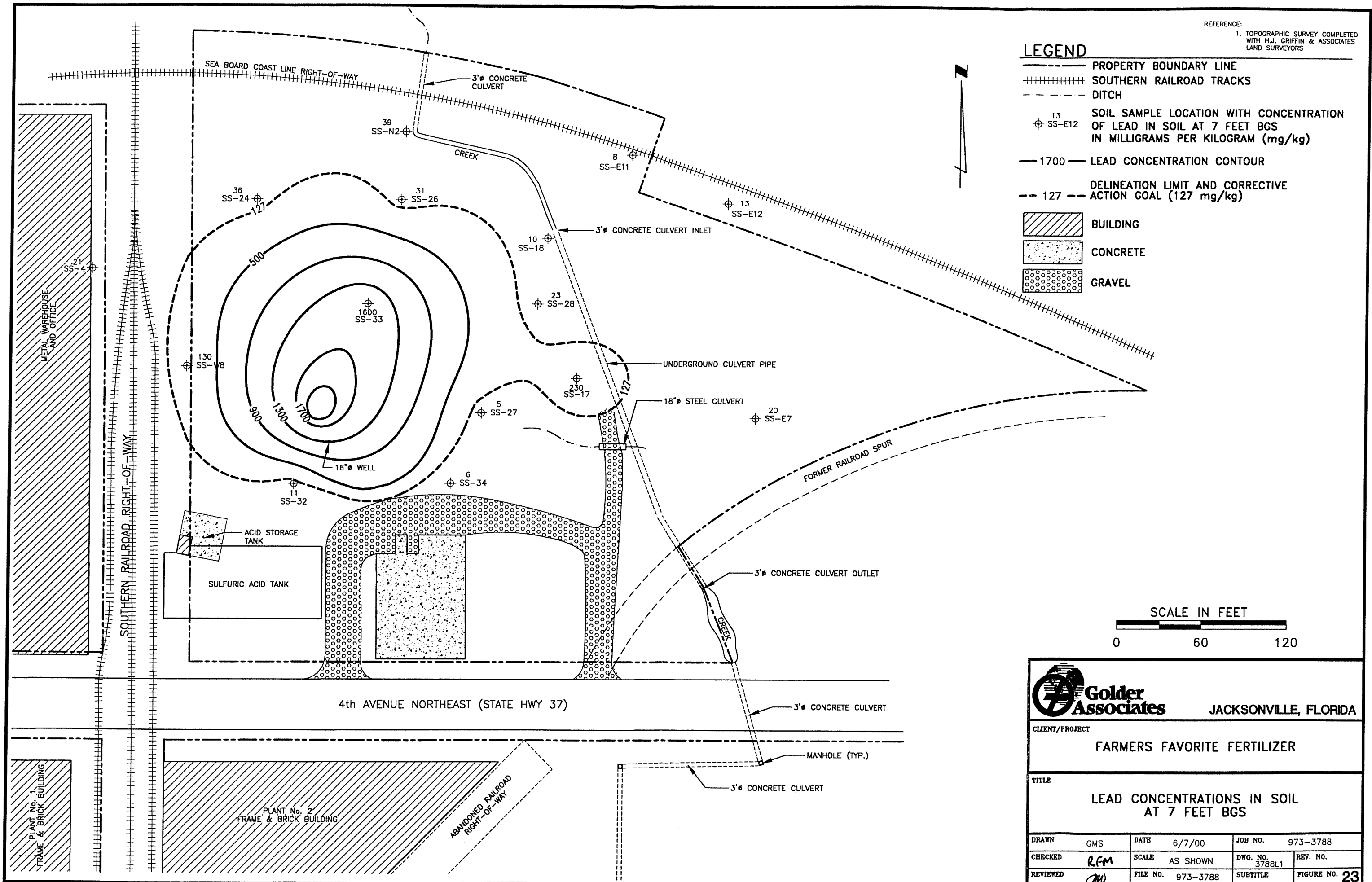
LEGEND

- PROPERTY BOUNDARY LINE
- ++++ SOUTHERN RAILROAD TRACKS
- - - DITCH
- ⊕¹⁹ SS-E19 SOIL SAMPLE LOCATION WITH CONCENTRATION OF LEAD IN SOIL AT 2 FEET BGS IN MILLIGRAMS PER KILOGRAM (mg/kg)
- 4000 — LEAD CONCENTRATION CONTOUR
- - 127 - - DELINEATION LIMIT AND CORRECTIVE ACTION GOAL (127 mg/kg)
- [Hatched Box] BUILDING
- [Dotted Box] CONCRETE
- [Circular Pattern Box] GRAVEL



		JACKSONVILLE, FLORIDA	
CLIENT/PROJECT			
FARMERS FAVORITE FERTILIZER			
TITLE			
LEAD CONCENTRATIONS IN SOIL AT 2 FEET BGS			
DRAWN	GMS	DATE	6/7/00
CHECKED	RFM	SCALE	AS SHOWN
REVIEWED	PM	FILE NO.	973-3788
JOB NO.		973-3788	
DWG. NO.		3788K1	
SUBTITLE		FIGURE NO. 21	

Figures F-1 (CSRAdd)



REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED WITH H.J. GRIFFIN & ASSOCIATES LAND SURVEYORS

LEGEND

- PROPERTY BOUNDARY LINE
- ++++ SOUTHERN RAILROAD TRACKS
- - - DITCH
- ⊕ 13 SS-E12 SOIL SAMPLE LOCATION WITH CONCENTRATION OF LEAD IN SOIL AT 7 FEET BGS IN MILLIGRAMS PER KILOGRAM (mg/kg)
- 1700 — LEAD CONCENTRATION CONTOUR
- - - 127 - - DELINEATION LIMIT AND CORRECTIVE ACTION GOAL (127 mg/kg)
- [Hatched Box] BUILDING
- [Stippled Box] CONCRETE
- [Dotted Box] GRAVEL

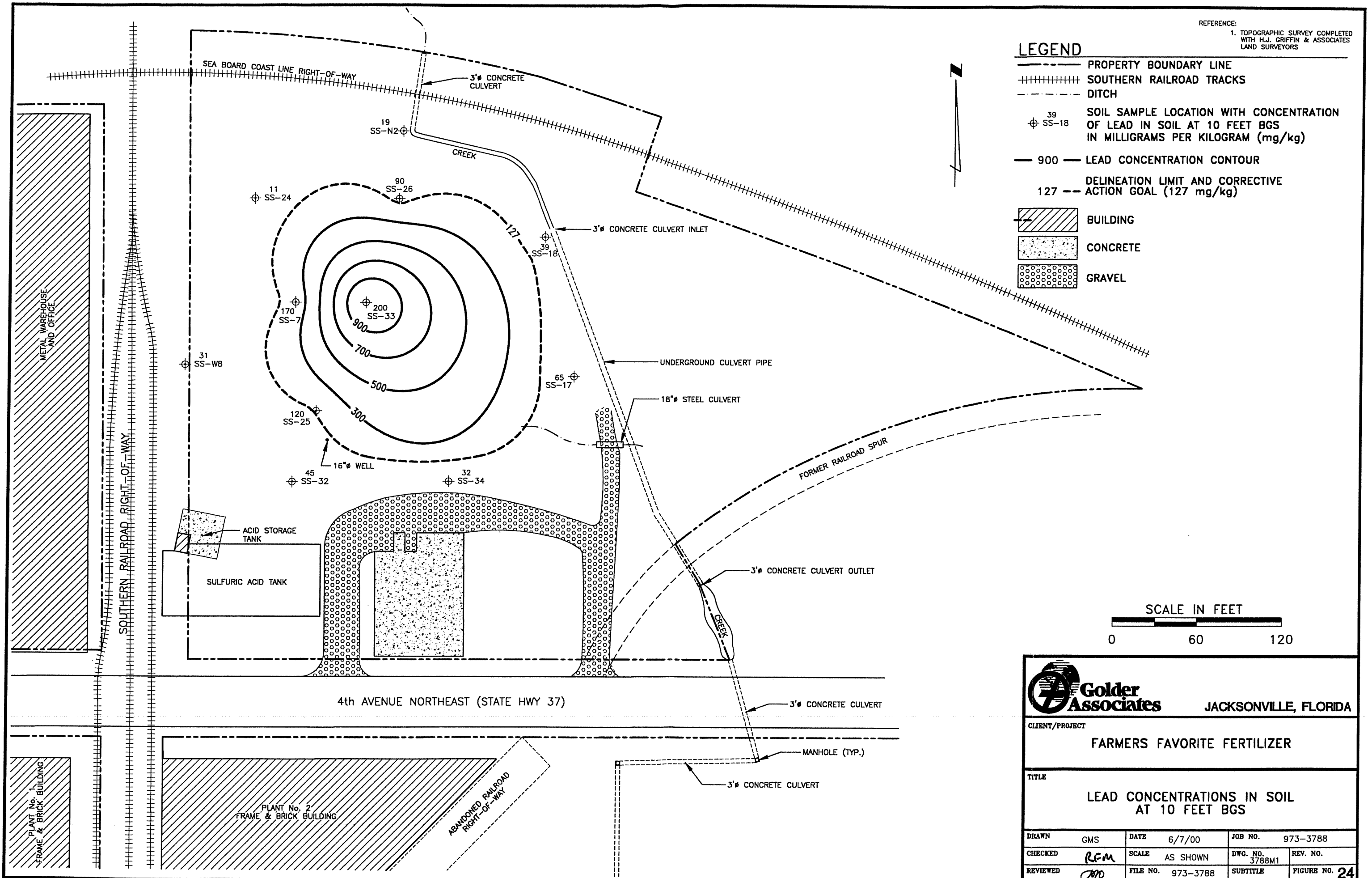
Golder Associates JACKSONVILLE, FLORIDA

CLIENT/PROJECT: FARMERS FAVORITE FERTILIZER

TITLE: LEAD CONCENTRATIONS IN SOIL AT 7 FEET BGS

DRAWN	GMS	DATE	6/7/00	JOB NO.	973-3788
CHECKED	RGM	SCALE	AS SHOWN	DWG. NO.	3788L1
REVIEWED	AW	FILE NO.	973-3788	SUBTITLE	FIGURE NO. 23

Figures F-1 (CSRAdd)



METAL WAREHOUSE AND OFFICE

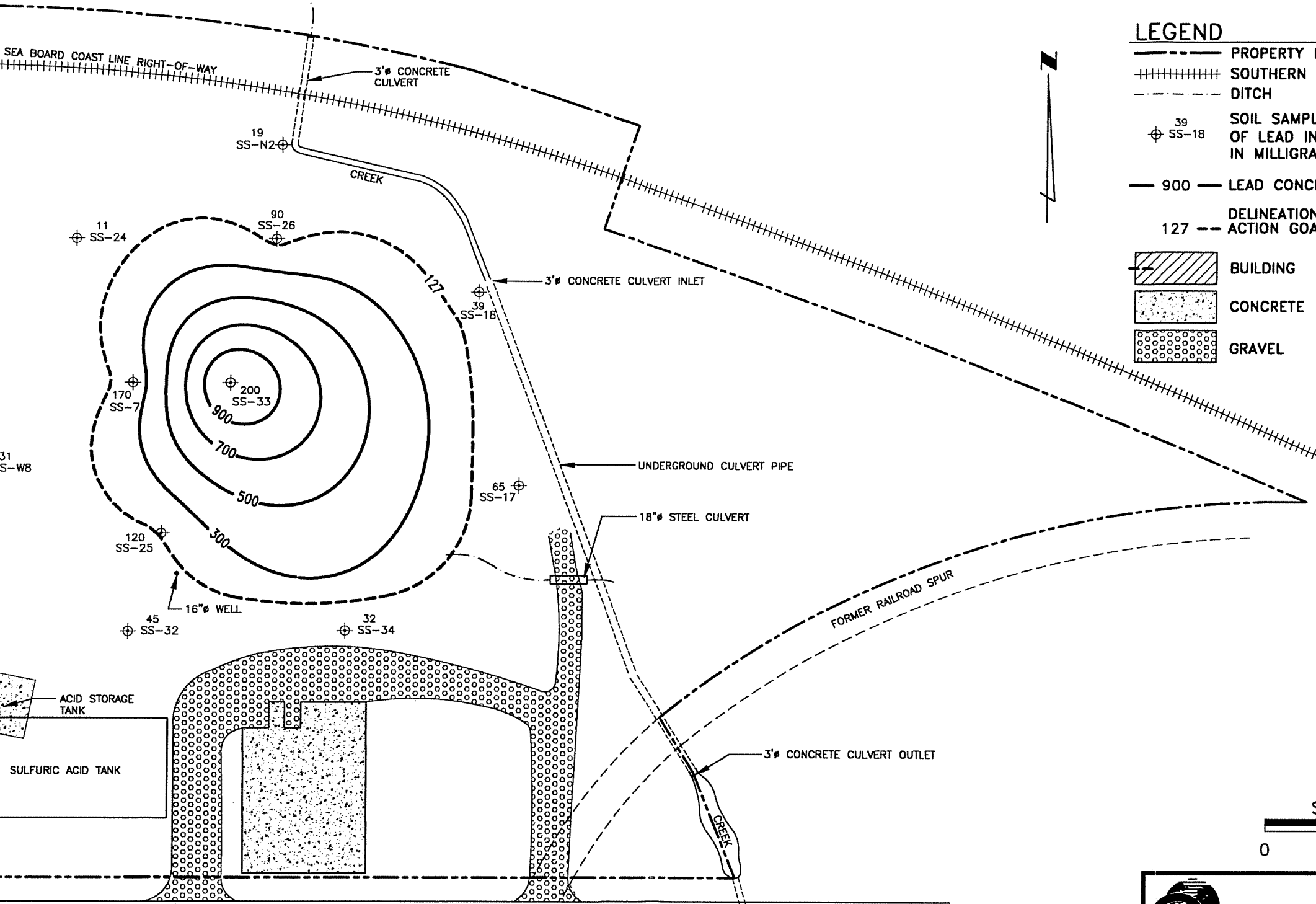
SOUTHERN RAILROAD RIGHT-OF-WAY

ACID STORAGE TANK
SULFURIC ACID TANK

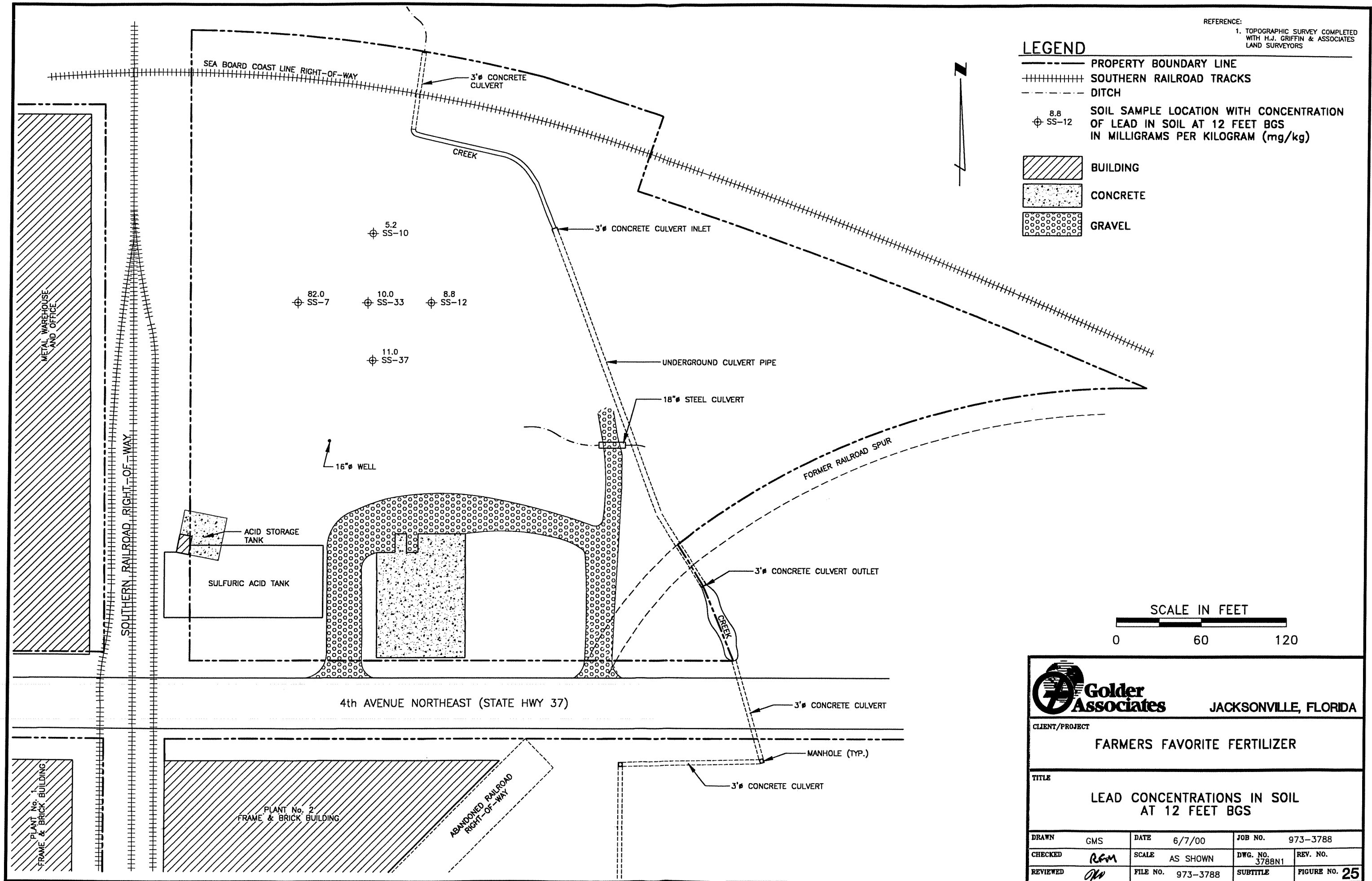
PLANT No. 1
FRAME & BRICK BUILDING

PLANT No. 2
FRAME & BRICK BUILDING

ABANDONED RAILROAD RIGHT-OF-WAY




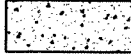

Figures F-1 (CSRAdd)

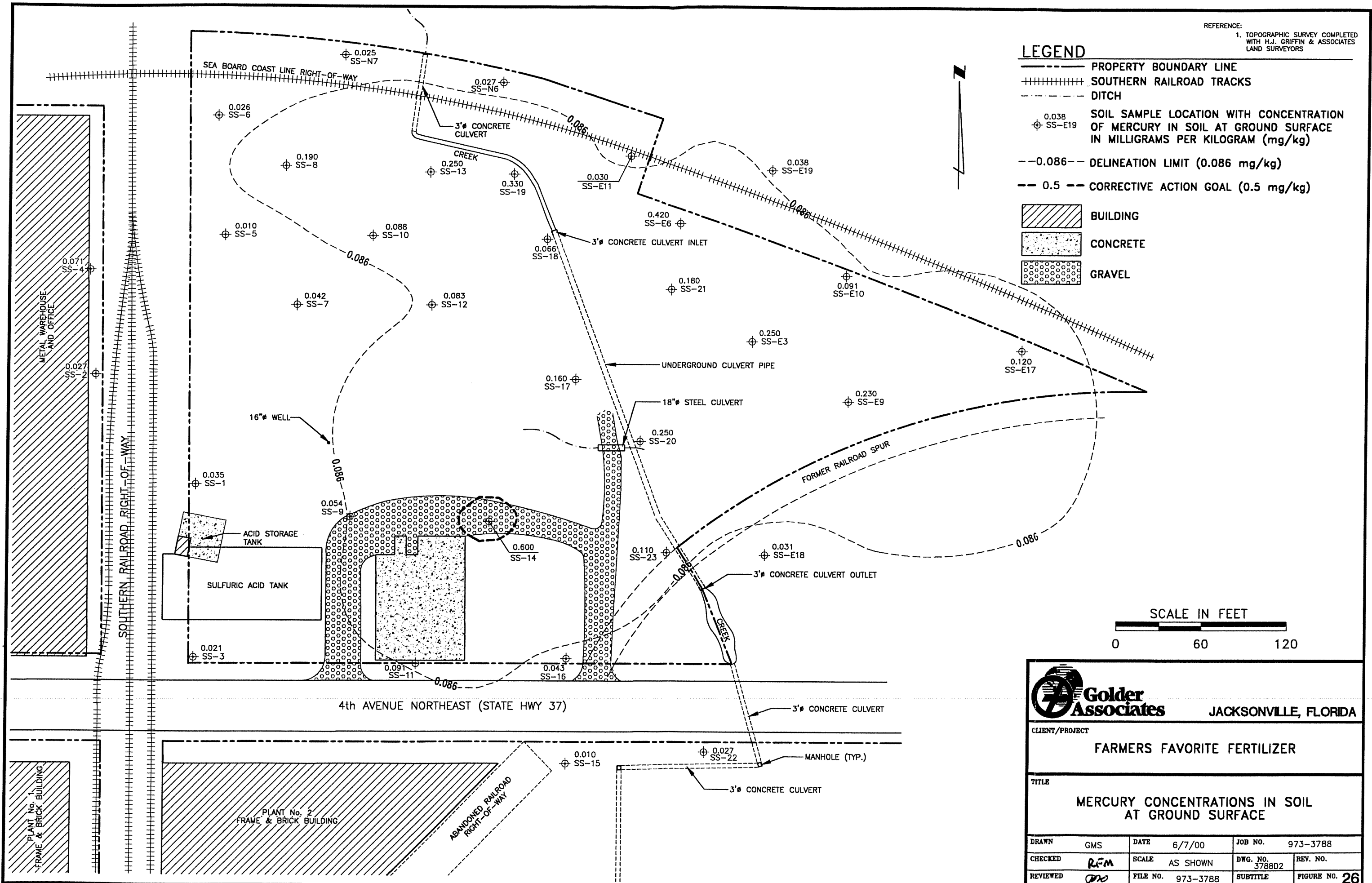


Figures F-1 (CSRAdd)

REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED WITH H.J. GRIFFIN & ASSOCIATES LAND SURVEYORS

LEGEND

- PROPERTY BOUNDARY LINE
- ++++ SOUTHERN RAILROAD TRACKS
- - - DITCH
- ⊕ 0.038 SS-E19 SOIL SAMPLE LOCATION WITH CONCENTRATION OF MERCURY IN SOIL AT GROUND SURFACE IN MILLIGRAMS PER KILOGRAM (mg/kg)
- - 0.086 - - DELINEATION LIMIT (0.086 mg/kg)
- - 0.5 - - CORRECTIVE ACTION GOAL (0.5 mg/kg)
-  BUILDING
-  CONCRETE
-  GRAVEL



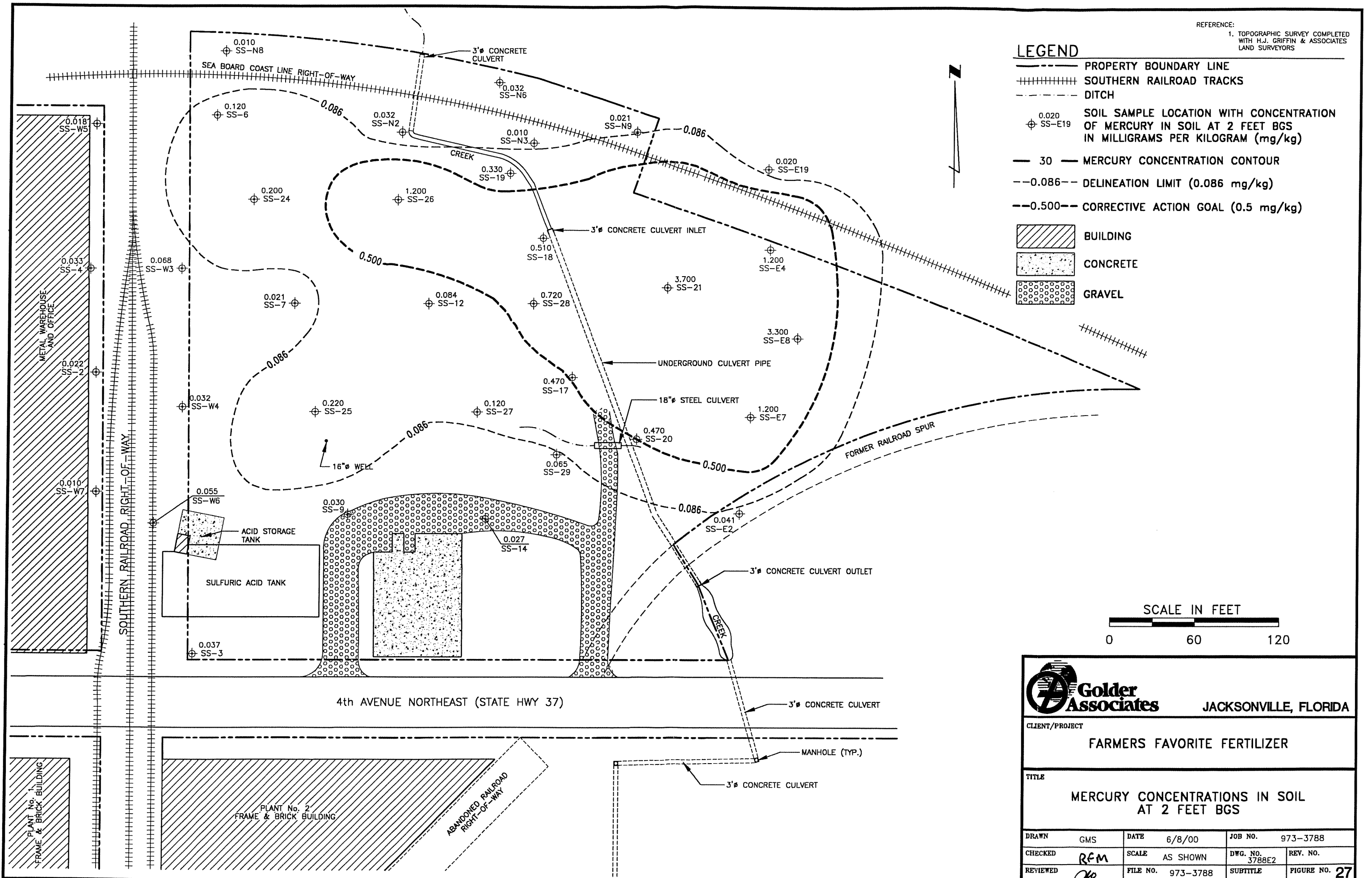
Golder Associates JACKSONVILLE, FLORIDA

CLIENT/PROJECT
FARMERS FAVORITE FERTILIZER

TITLE
MERCURY CONCENTRATIONS IN SOIL AT GROUND SURFACE

DRAWN	GMS	DATE	6/7/00	JOB NO.	973-3788
CHECKED	RFM	SCALE	AS SHOWN	DWG. NO.	3788D2
REVIEWED	OPD	FILE NO.	973-3788	SUBTITLE	FIGURE NO. 26

Figures F-1 (CSRAdd)



Golder Associates JACKSONVILLE, FLORIDA

CLIENT/PROJECT
FARMERS FAVORITE FERTILIZER

TITLE
MERCURY CONCENTRATIONS IN SOIL AT 2 FEET BGS

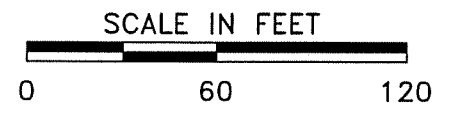
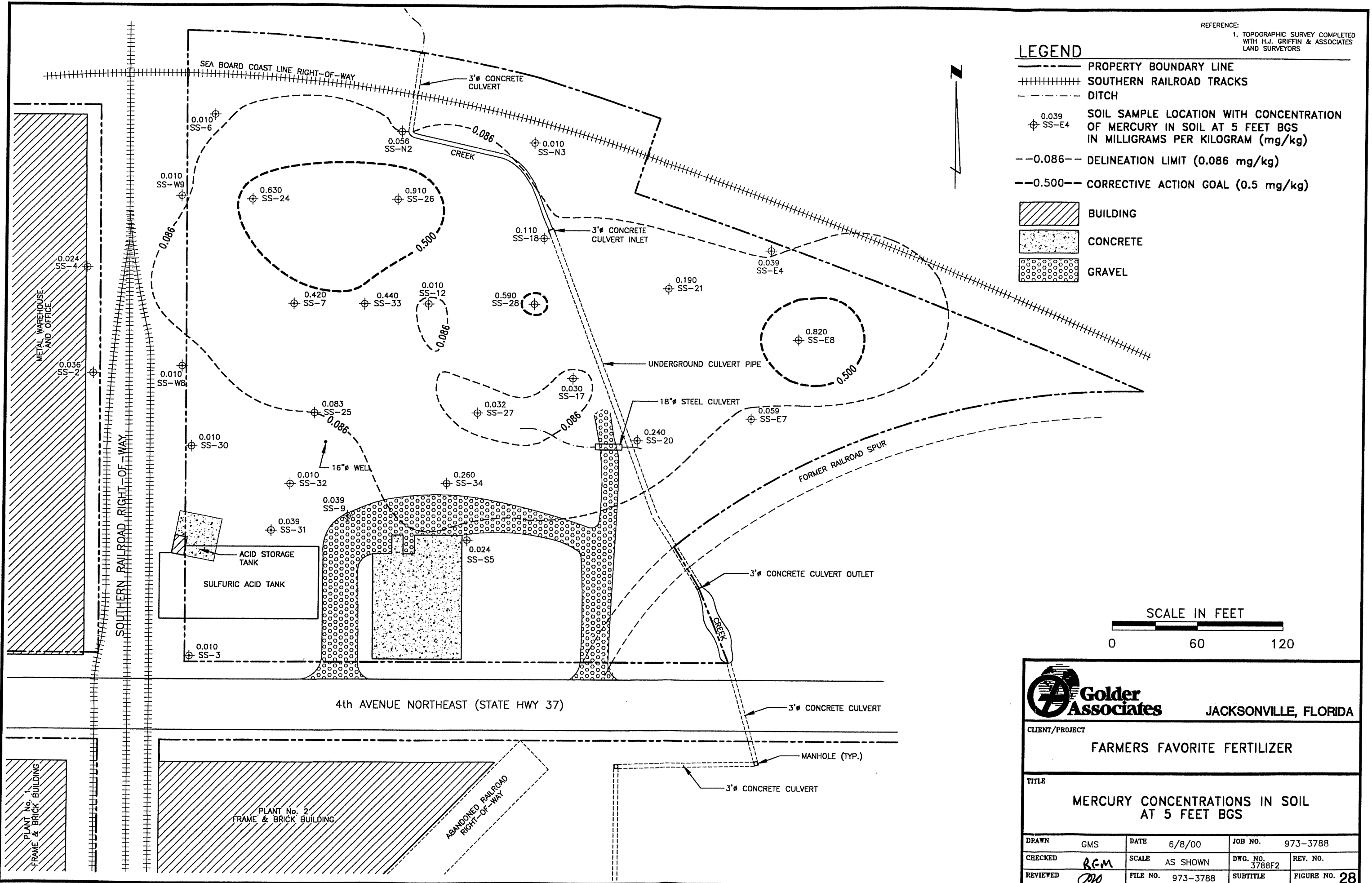
DRAWN	GMS	DATE	6/8/00	JOB NO.	973-3788
CHECKED	RFM	SCALE	AS SHOWN	DWG. NO.	3788E2
REVIEWED	NO	FILE NO.	973-3788	SUBTITLE	FIGURE NO. 27

REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED WITH H.J. GRIFFIN & ASSOCIATES LAND SURVEYORS

LEGEND

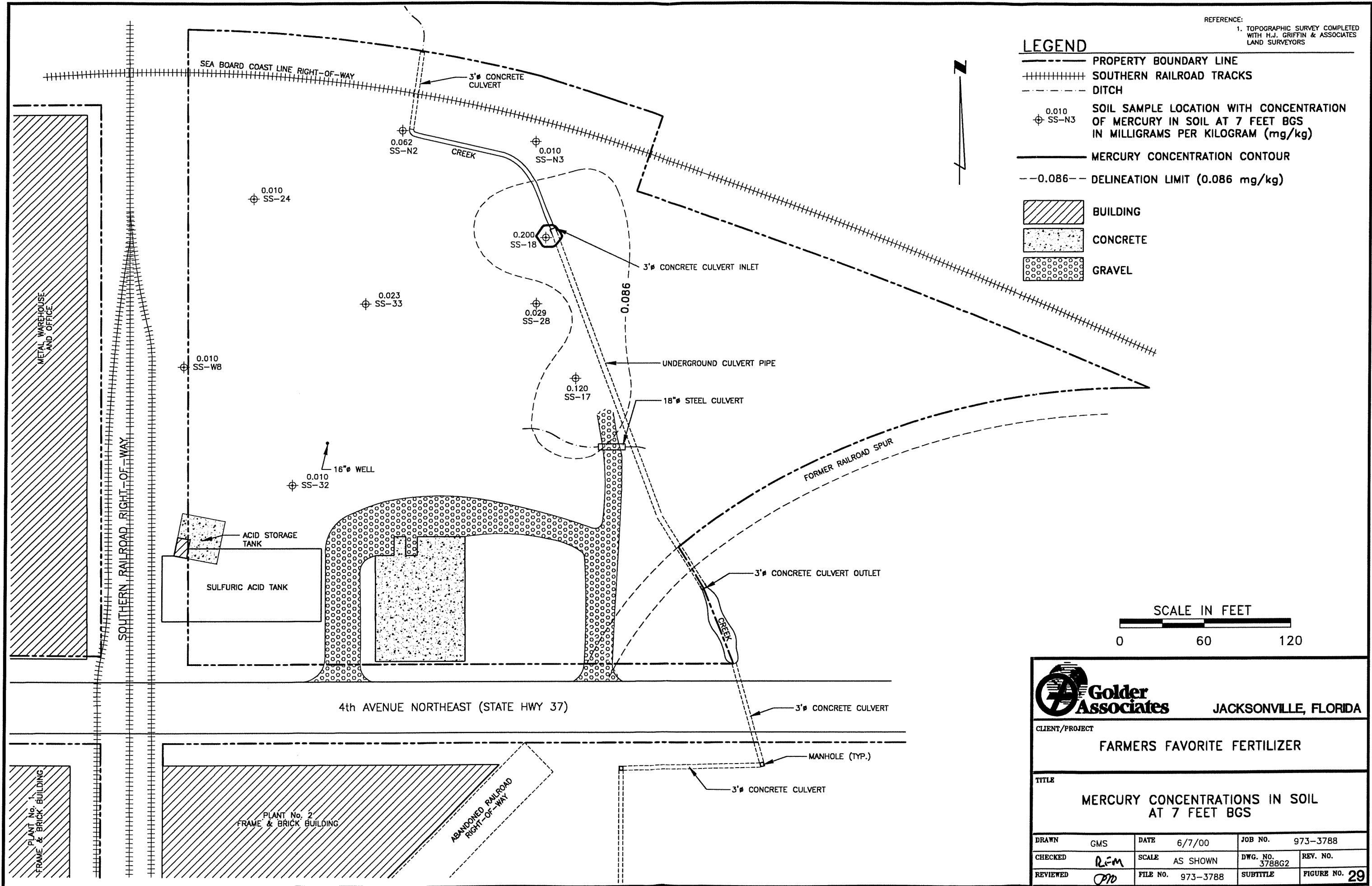
- PROPERTY BOUNDARY LINE
- ++++ SOUTHERN RAILROAD TRACKS
- - - DITCH
- ⊕ 0.039 SS-E4 SOIL SAMPLE LOCATION WITH CONCENTRATION OF MERCURY IN SOIL AT 5 FEET BGS IN MILLIGRAMS PER KILOGRAM (mg/kg)
- - 0.086 - - DELINEATION LIMIT (0.086 mg/kg)
- - 0.500 - - CORRECTIVE ACTION GOAL (0.5 mg/kg)
- [Hatched Box] BUILDING
- [Dotted Box] CONCRETE
- [Grid Box] GRAVEL

Figures F-1 (CSRAdd)



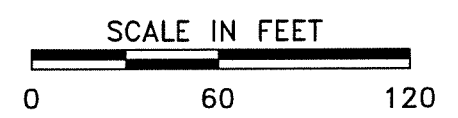
		JACKSONVILLE, FLORIDA	
CLIENT/PROJECT			
FARMERS FAVORITE FERTILIZER			
TITLE			
MERCURY CONCENTRATIONS IN SOIL AT 5 FEET BGS			
DRAWN	GMS	DATE	6/8/00
CHECKED	RGM	SCALE	AS SHOWN
REVIEWED	CMO	FILE NO.	973-3788
JOB NO.		973-3788	
DWG. NO.		3788F2	
SUBTITLE		FIGURE NO. 28	

Figures F-1 (CSRAdd)



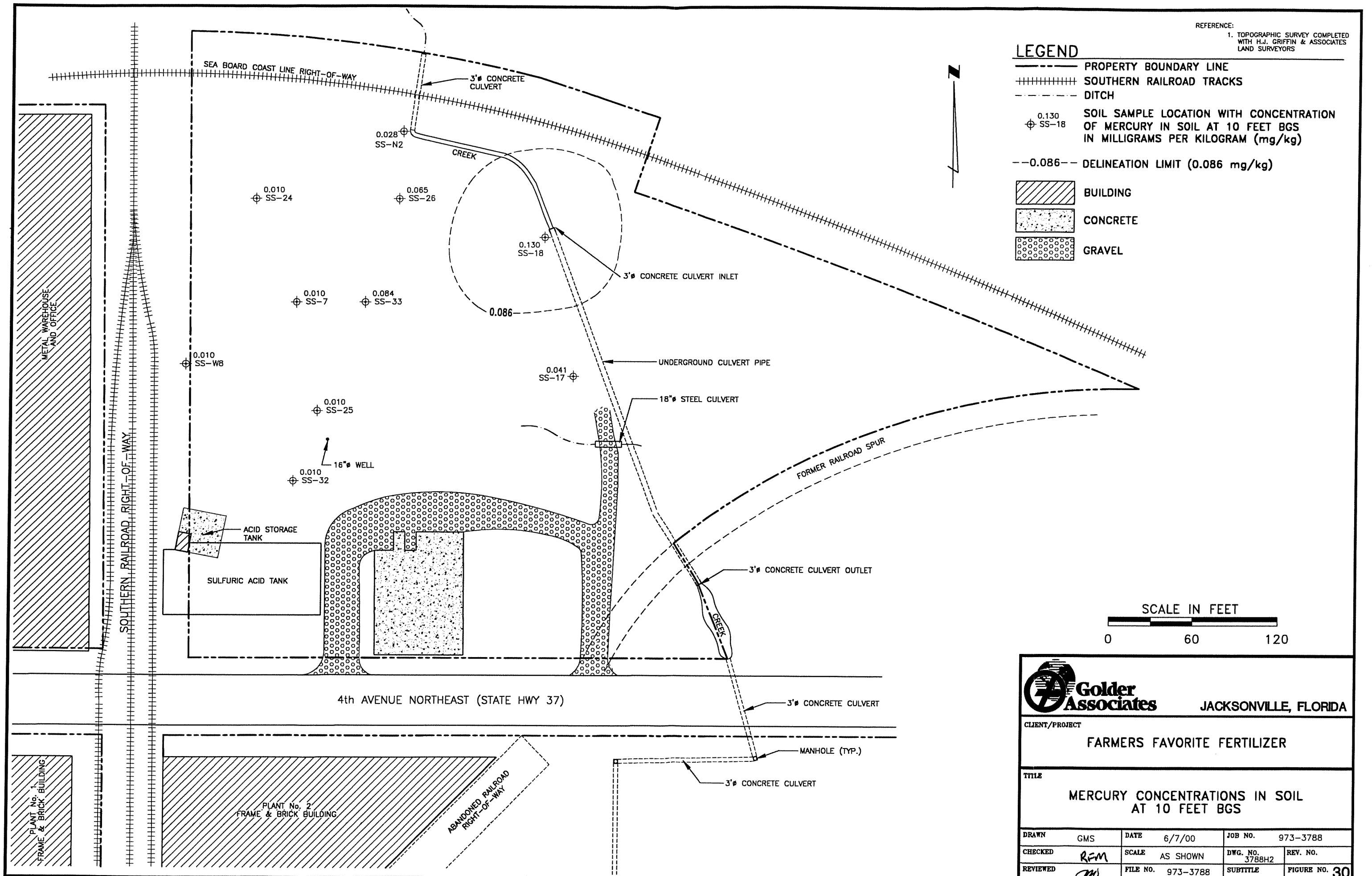
REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED WITH H.J. GRIFFIN & ASSOCIATES LAND SURVEYORS

- LEGEND**
- PROPERTY BOUNDARY LINE
 - ++++ SOUTHERN RAILROAD TRACKS
 - - - - DITCH
 - ⊕ 0.010 SS-N3 SOIL SAMPLE LOCATION WITH CONCENTRATION OF MERCURY IN SOIL AT 7 FEET BGS IN MILLIGRAMS PER KILOGRAM (mg/kg)
 - MERCURY CONCENTRATION CONTOUR
 - - - 0.086 - - - DELINEATION LIMIT (0.086 mg/kg)
 - [Hatched Box] BUILDING
 - [Dotted Box] CONCRETE
 - [Gravel Box] GRAVEL

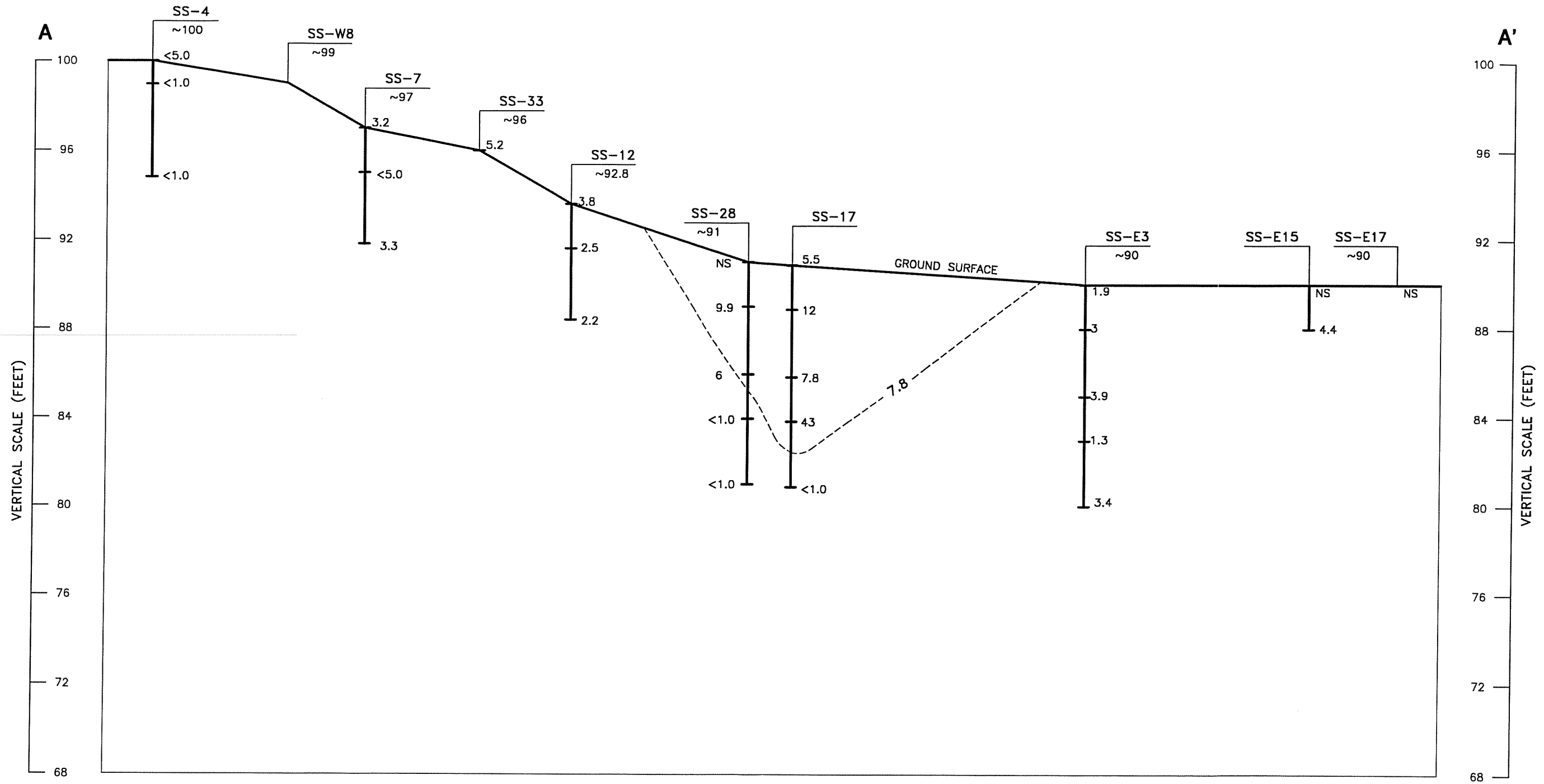


		JACKSONVILLE, FLORIDA	
CLIENT/PROJECT			
FARMERS FAVORITE FERTILIZER			
TITLE			
MERCURY CONCENTRATIONS IN SOIL AT 7 FEET BGS			
DRAWN	GMS	DATE	6/7/00
CHECKED	RFM	SCALE	AS SHOWN
REVIEWED	MD	FILE NO.	973-3788
		JOB NO.	973-3788
		DWG. NO.	3788G2
		REV. NO.	
		SUBTITLE	FIGURE NO. 29

Figures F-1 (CSRAAdd)



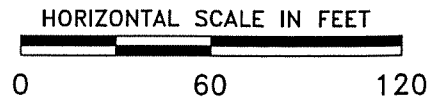
Figures F-1 (CSRAdd)



LEGEND

- 7.0--- DELINEATION LIMIT (7.8 mg/kg)
(DASHED WHERE INFERRED)
- SS-28 SOIL SAMPLE LOCATION
~91 APPROXIMATE GROUND SURFACE ELEVATION (FEET)
- 31 ARSENIC CONCENTRATION IN SOIL (mg/kg)

NOTES:
1. mg/kg = MILLIGRAMS PER KILOGRAM.

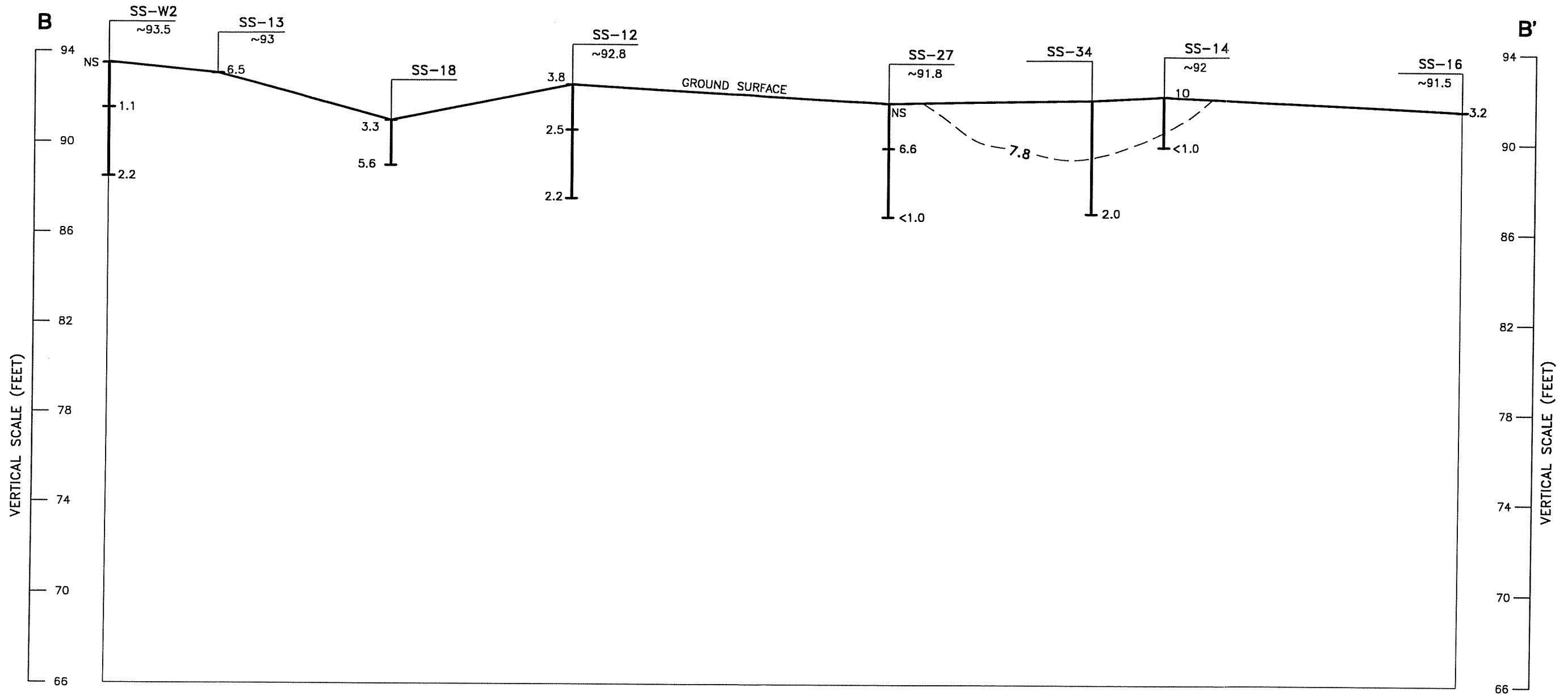


Golder Associates JACKSONVILLE, FLORIDA

CLIENT/PROJECT
FARMERS FAVORITE FERTILIZER

TITLE A-A' VERTICAL EXTENT OF ARSENIC IN SOIL			
DRAWN GMS	DATE 6/9/00	JOB NO. 973-3788	
CHECKED <i>RGM</i>	SCALE AS SHOWN	DWG. NO. 378BV2	REV. NO.
REVIEWED <i>M</i>	FILE NO. 973-3788	SUBTITLE	FIGURE NO. 31

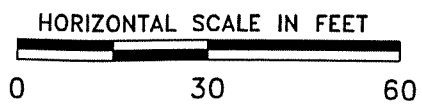
Figures F-1 (CSRAdd)



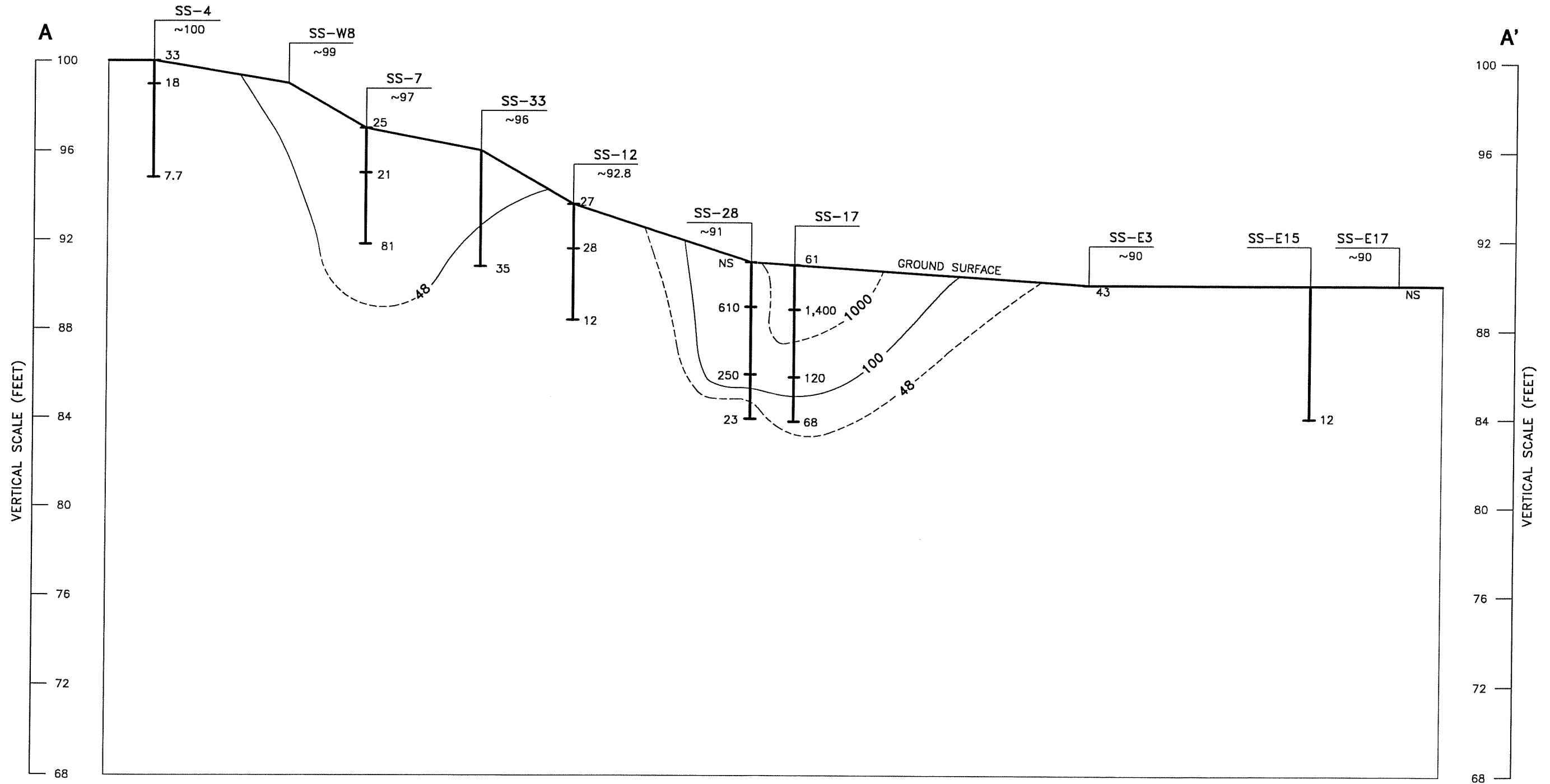
LEGEND

- 7.0 -- DELINEATION AND CORRECTIVE ACTION CLEANUP GOAL (7.8 mg/kg) (DASHED WHERE INFERRED)
- SS-28 SOIL SAMPLE LOCATION
- ~91 APPROXIMATE GROUND SURFACE ELEVATION (FEET)
- 31 ARSENIC CONCENTRATION IN SOIL (mg/kg)

NOTES:
1. mg/kg = MILLIGRAMS PER KILOGRAM.



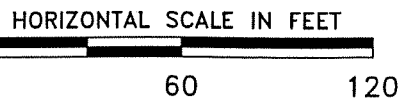
Golder Associates JACKSONVILLE, FLORIDA	TITLE B-B' VERTICAL EXTENT OF ARSENIC IN SOIL			
	CLIENT/PROJECT FARMERS FAVORITE FERTILIZER	DRAWN GMS	DATE 6/9/00	JOB NO. 973-3788
	CHECKED <i>RAM</i>	SCALE AS SHOWN	DWG. NO. 3788D3	REV. NO.
	REVIEWED <i>JW</i>	FILE NO. 973-3788	SUBTITLE	FIGURE NO. 32



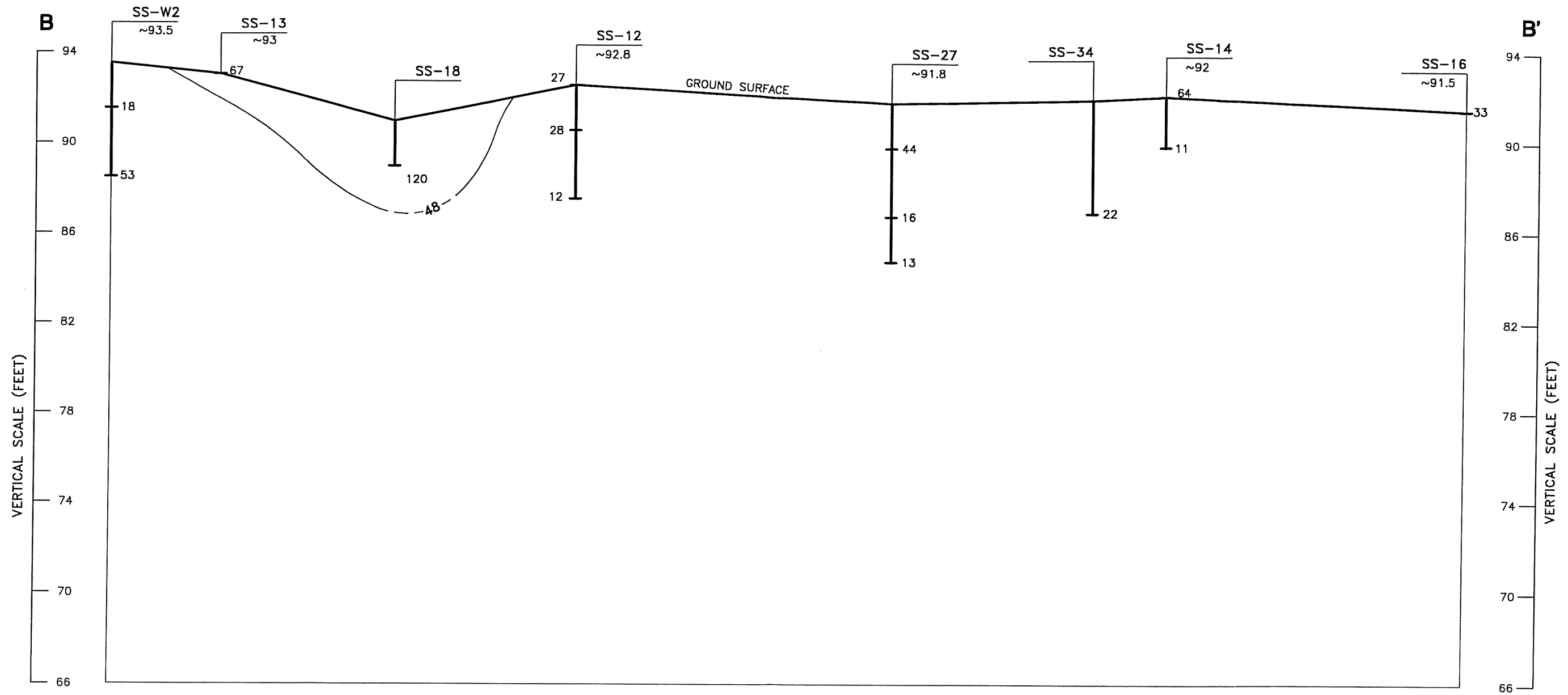
LEGEND

- 48 --- DELINEATION LIMIT (48 mg/kg)
(DASHED WHERE INFERRED)
- 1000 -- CORRECTIVE ACTION CLEANUP GOAL
(1000 mg/kg)
(DASHED WHERE INFERRED)
- SS-28 SOIL SAMPLE LOCATION
~91 APPROXIMATE GROUND SURFACE ELEVATION (FEET)
- 12 BARIUM CONCENTRATION IN SOIL (mg/kg)

NOTES:
1. mg/kg = MILLIGRAMS PER KILOGRAM.



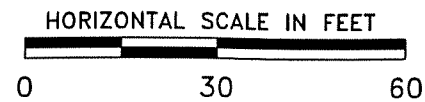
 Golder Associates JACKSONVILLE, FLORIDA	TITLE			
	A-A' VERTICAL EXTENT OF BARIUM IN SOIL			
CLIENT/PROJECT	DRAWN	DATE	JOB NO.	
FARMERS FAVORITE FERTILIZER	GMS	6/9/00	973-3788	
	CHECKED	SCALE	DWG. NO.	REV. NO.
	REN	AS SHOWN	3788W2	
	REVIEWED	FILE NO.	SUBTITLE	FIGURE NO.
	MS	973-3788		33



LEGEND

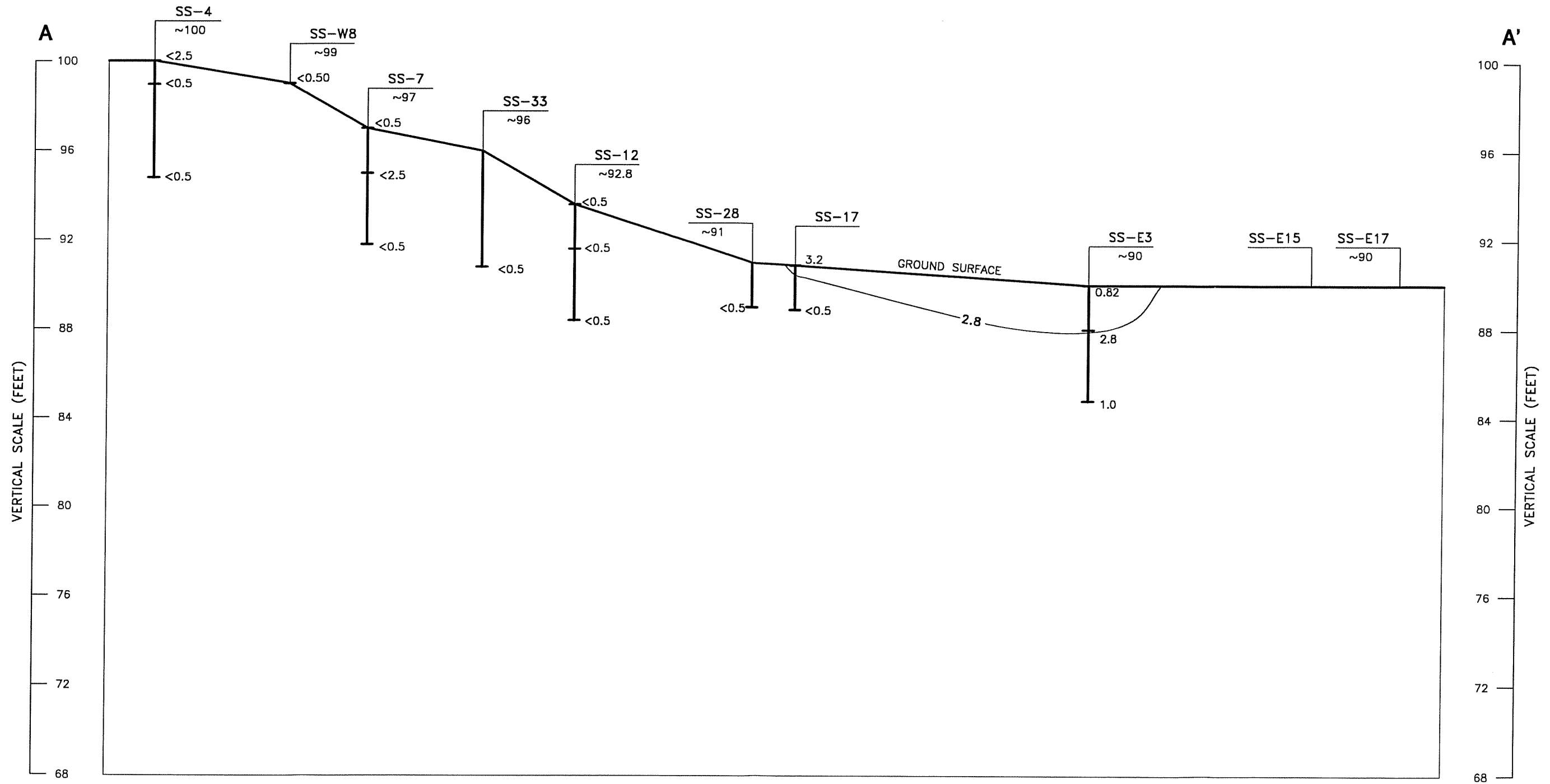
- 48 --- DELINEATION LIMIT (48 mg/kg) (DASHED WHERE INFERRED)
- SS-28 SOIL SAMPLE LOCATION
- ~91 APPROXIMATE GROUND SURFACE ELEVATION (FEET)
- 12 BARIUM CONCENTRATION IN SOIL (mg/kg)

NOTES:
1. mg/kg = MILLIGRAMS PER KILOGRAM.



 Golder Associates JACKSONVILLE, FLORIDA	TITLE						
	B-B' VERTICAL EXTENT OF BARIUM IN SOIL						
CLIENT/PROJECT	FARMERS FAVORITE FERTILIZER	DRAWN	GMS	DATE	6/9/00	JOB NO.	973-3788
		CHECKED	R Fey	SCALE	AS SHOWN	DWG. NO.	3788A3
		REVIEWED	Mo	FILE NO.	973-3788	REV. NO.	
						FIGURE NO.	34

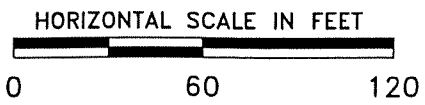
Figures F-1 (CSRAdd)



LEGEND

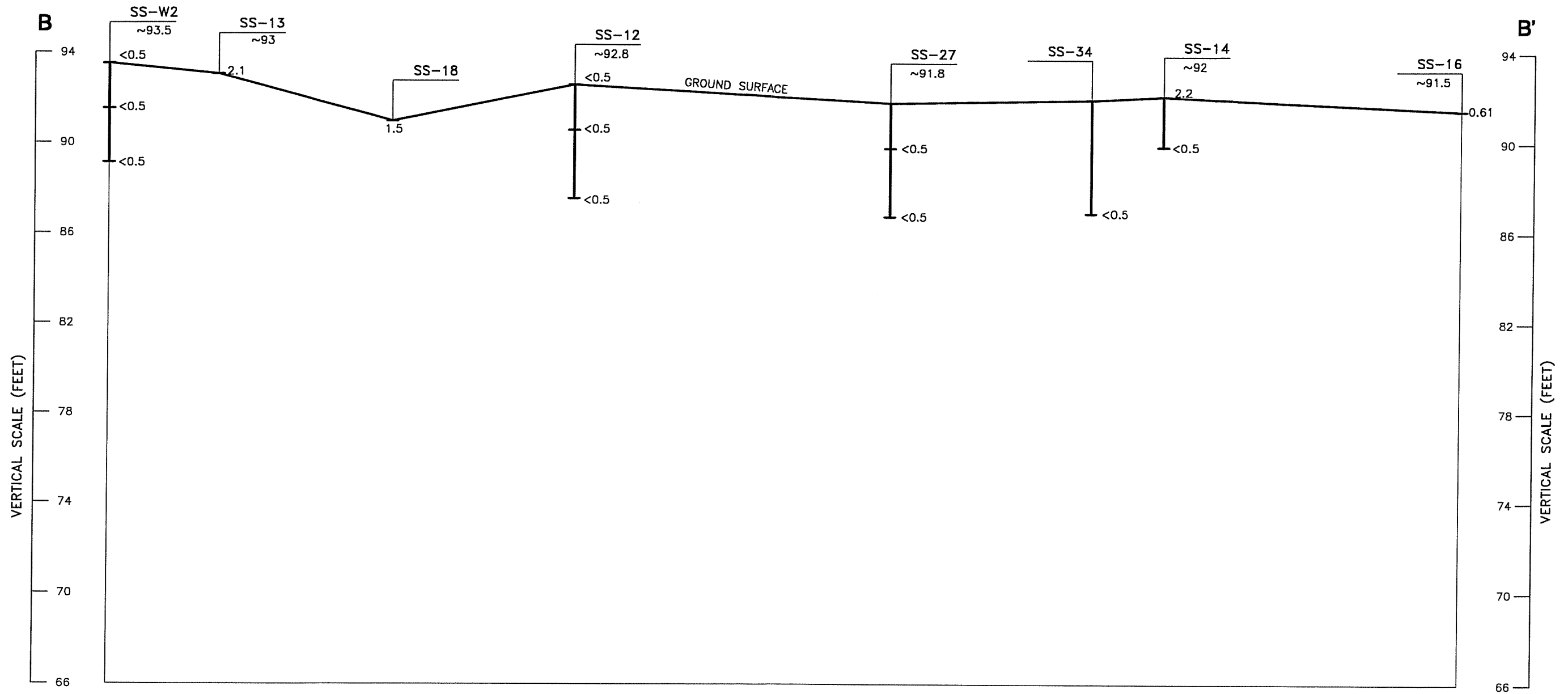
- 2.8 — ISOCONCENTRATION LINE (DELINERATION LIMIT AND CORRECTIVE ACTION CLEANUP GOAL = 5.4 ug/kg)
- SS-28 SOIL SAMPLE LOCATION
~91 APPROXIMATE GROUND SURFACE ELEVATION (FEET)
- 12 CADMIUM CONCENTRATION IN SOIL (mg/kg)

NOTES:
1. mg/kg = MILLIGRAMS PER KILOGRAM.



 Golder Associates JACKSONVILLE, FLORIDA	TITLE			
	A-A' VERTICAL EXTENT OF CADMIUM IN SOIL			
CLIENT/PROJECT	DRAWN	DATE	JOB NO.	
FARMERS FAVORITE FERTILIZER	GMS	6/9/00	973-3788	
	CHECKED	SCALE	DWG. NO.	REV. NO.
	RAM	AS SHOWN	3788X2	
	REVIEWED	FILE NO.	SUBTITLE	FIGURE NO.
	DM	973-3788		35

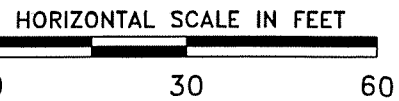
Figures F-1 (CSRAdd)



NOTES:
1. mg/kg = MILLIGRAMS PER KILOGRAM.

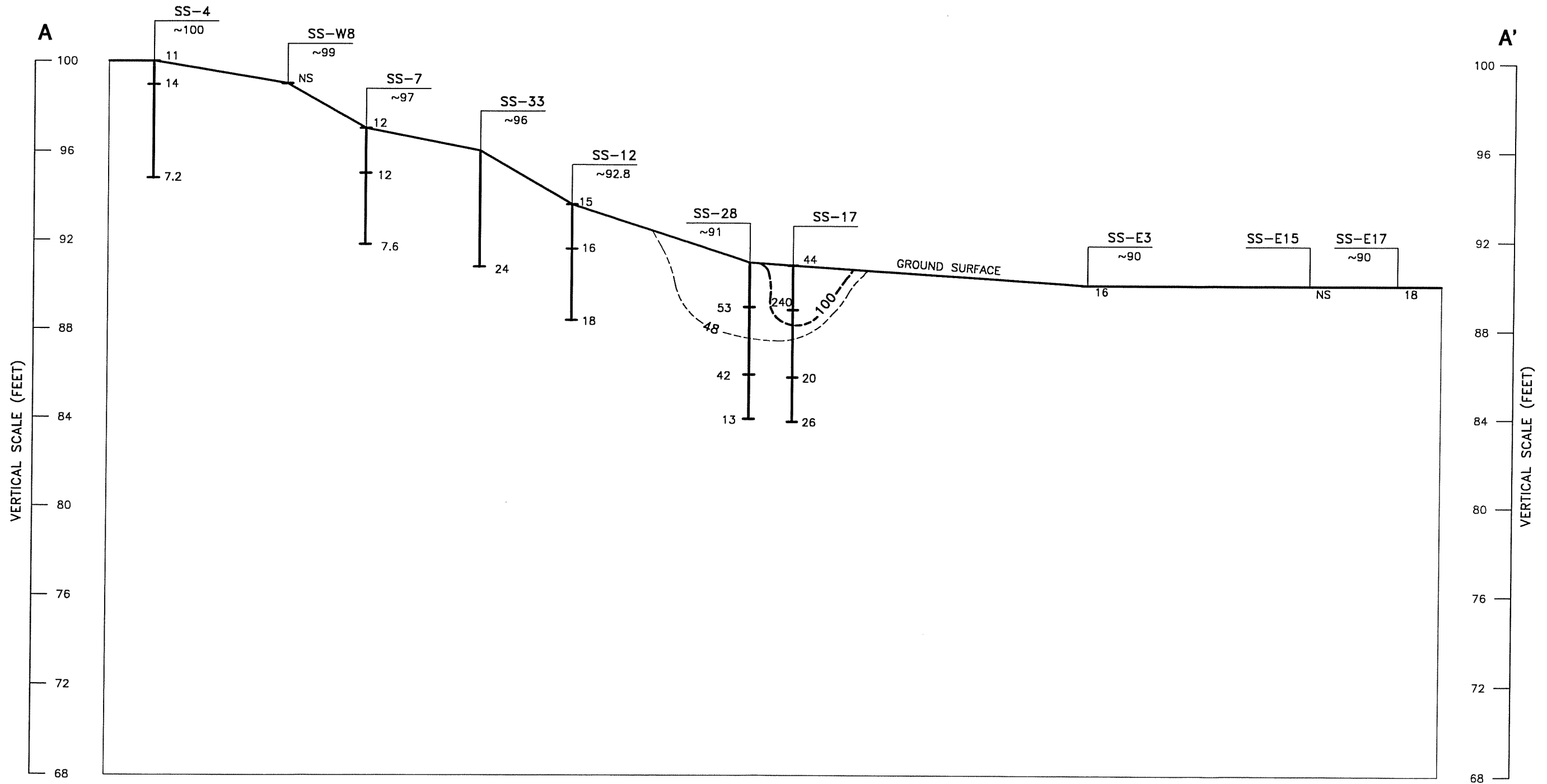
LEGEND

- SS-28 ~91 SOIL SAMPLE LOCATION
- SS-28 ~91 APPROXIMATE GROUND SURFACE ELEVATION (FEET)
- 31 CADMIUM CONCENTRATION IN SOIL (mg/kg)



Golder Associates JACKSONVILLE, FLORIDA	TITLE B-B' VERTICAL EXTENT OF CADMIUM IN SOIL				
	CLIENT/PROJECT FARMERS FAVORITE FERTILIZER	DRAWN GMS	DATE 6/9/00	JOB NO. 973-3788	
	CHECKED <i>RFM</i>	SCALE AS SHOWN	DWG. NO. 3788C3	REV. NO.	
	REVIEWED <i>MS</i>	FILE NO. 973-3788	SUBTITLE	FIGURE NO. 36	

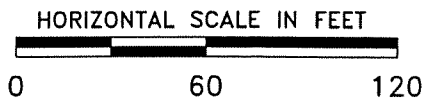
Figures F-1 (CSRAdd)



LEGEND

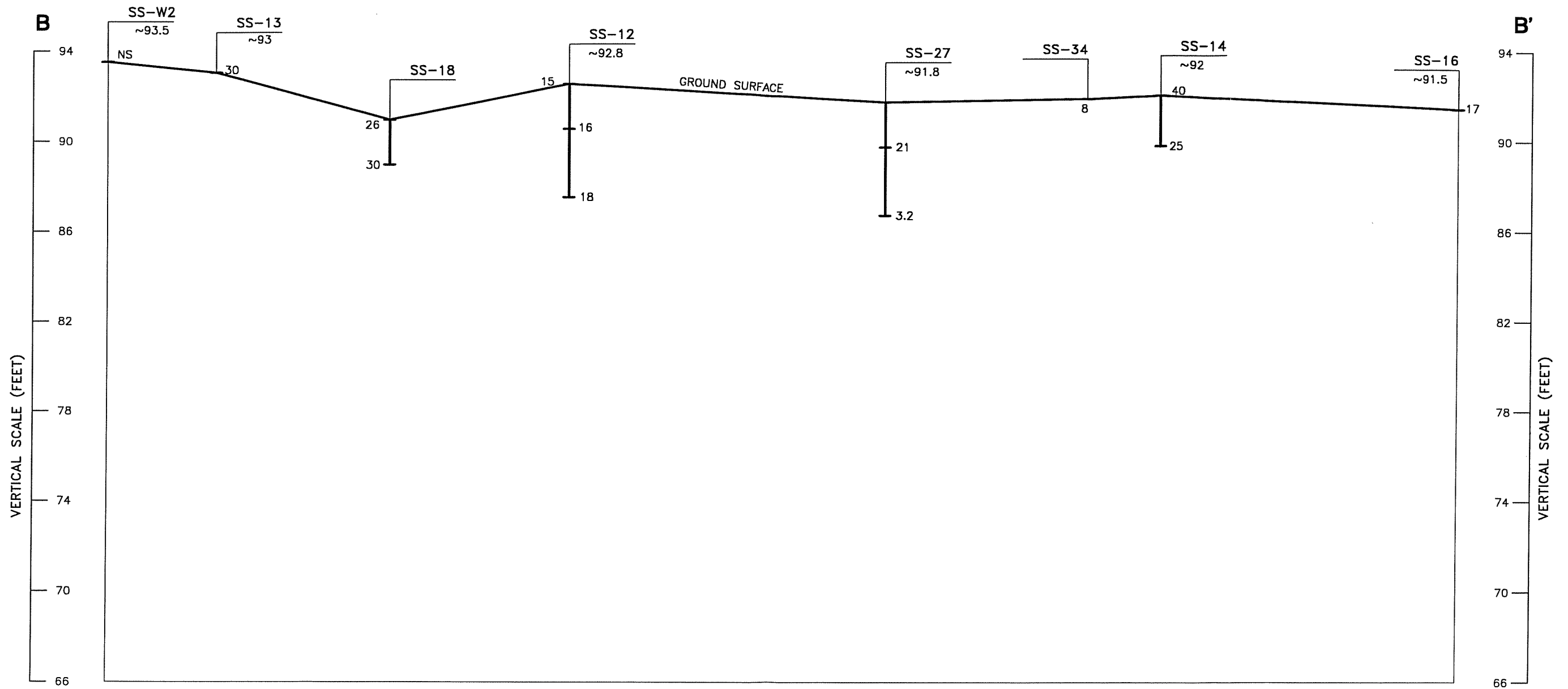
- 100--- CORRECTIVE ACTION CLEANUP GOAL (100 ug/kg)
- 48 --- DELINEATION LIMIT (48 kg/mg)
- SS-28 SOIL SAMPLE LOCATION
- ~91 APPROXIMATE GROUND SURFACE ELEVATION (FEET)
- 31 CHROMIUM CONCENTRATION IN SOIL (mg/kg)

NOTES:
1. mg/kg = MILLIGRAMS PER KILOGRAM.



Golder Associates JACKSONVILLE, FLORIDA	TITLE A-A' VERTICAL EXTENT OF CHROMIUM IN SOIL			
	CLIENT/PROJECT FARMERS FAVORITE FERTILIZER	DRAWN GMS	DATE 6/9/00	JOB NO. 973-3788
	CHECKED <i>Rpm</i>	SCALE AS SHOWN	DWG. NO. 3788Y2	REV. NO.
	REVIEWED <i>mo</i>	FILE NO. 973-3788	SUBTITLE	FIGURE NO. 37

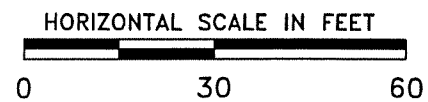
Figures F-1 (CSRAdd)




NOTES:
1. mg/kg = MILLIGRAMS PER KILOGRAM.

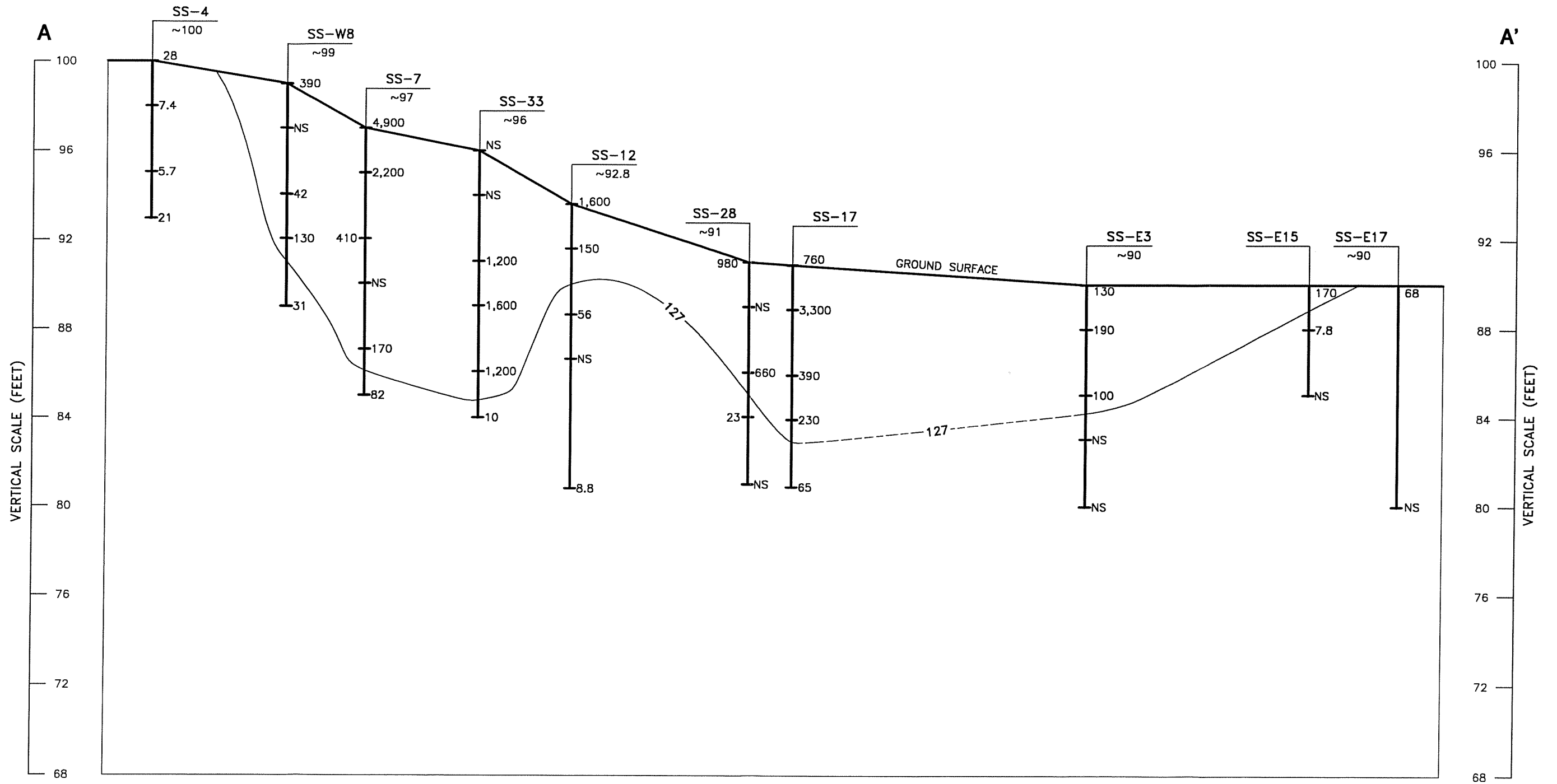
LEGEND

- SS-28 SOIL SAMPLE LOCATION
- ~91 APPROXIMATE GROUND SURFACE ELEVATION (FEET)
- 31 CHROMIUM CONCENTRATION IN SOIL (mg/kg)



 Golder Associates JACKSONVILLE, FLORIDA		TITLE			
		B-B' VERTICAL EXTENT OF CHROMIUM IN SOIL			
CLIENT/PROJECT		DRAWN	DATE	JOB NO.	
FARMERS FAVORITE FERTILIZER		GMS	6/9/00	973-3788	
		CHECKED	SCALE	DWG. NO.	REV. NO.
		RCM	AS SHOWN	3788B3	
		REVIEWED	FILE NO.	SUBTITLE	FIGURE NO.
		M	973-3788		38

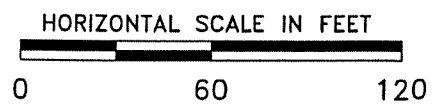
Figures F-1 (CSRAdd)



LEGEND

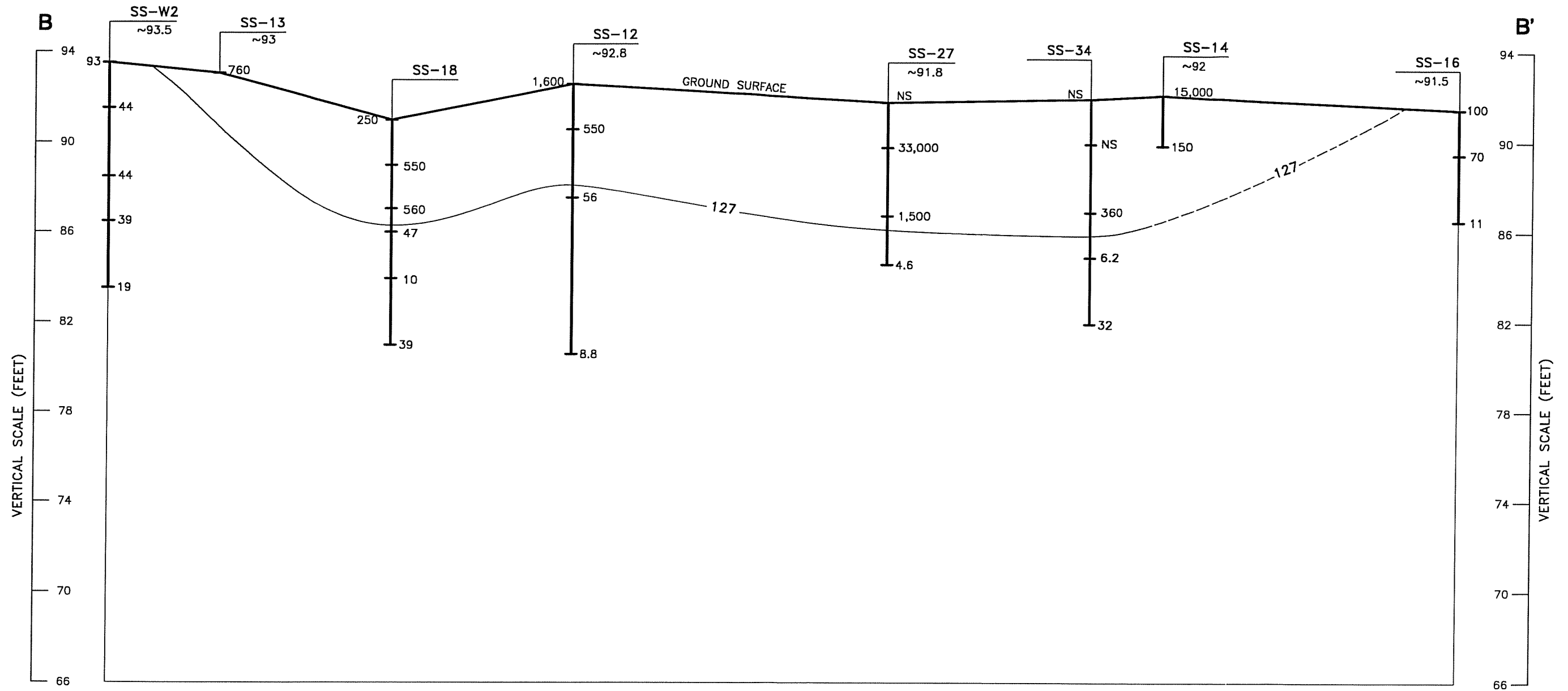
- 127— DELINEATION AND CORRECTIVE ACTION CLEANUP GOAL (127 mg/kg) (DASHED WHERE INFERRED)
- SS-28 SOIL SAMPLE LOCATION
- ~91 APPROXIMATE GROUND SURFACE ELEVATION (FEET)
- 31 LEAD CONCENTRATION IN SOIL (mg/kg)

NOTES:
1. mg/kg = MILLIGRAMS PER KILOGRAM.



<p>Golder Associates JACKSONVILLE, FLORIDA</p>	TITLE A-A' VERTICAL EXTENT OF LEAD IN SOIL			
	CLIENT/PROJECT FARMERS FAVORITE FERTILIZER	DRAWN GMS	DATE 6/9/00	JOB NO. 973-3788
	CHECKED RFM	SCALE AS SHOWN	DWG. NO. 3788R2	REV. NO.
	REVIEWED [Signature]	FILE NO. 973-3788	SUBTITLE	FIGURE NO. 39

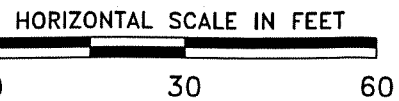
Figures F-1 (CSRAdd)



LEGEND

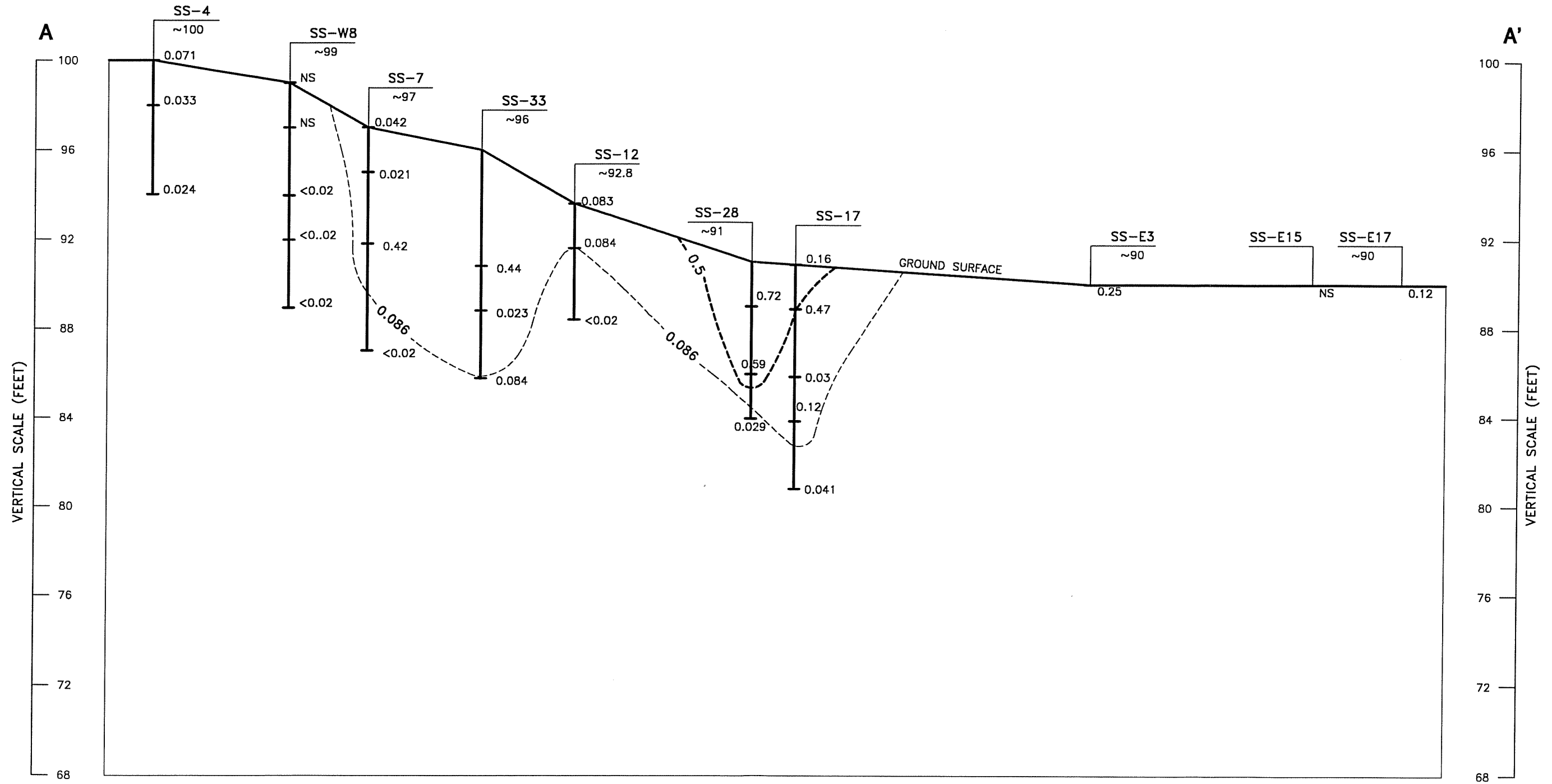
- 127— DELINEATION AND CORRECTIVE ACTION CLEANUP GOAL (127 mg/kg) (DASHED WHERE INFERRED)
- SS-W2 SOIL SAMPLE LOCATION
- ~93.5 APPROXIMATE GROUND SURFACE ELEVATION (FEET)
- 39 LEAD CONCENTRATION IN SOIL (mg/kg)

NOTES:
1. mg/kg = MILLIGRAMS PER KILOGRAM.



		JACKSONVILLE, FLORIDA					
		TITLE B-B' VERTICAL EXTENT OF LEAD IN SOIL					
CLIENT/PROJECT	FARMERS FAVORITE FERTILIZER	DRAWN	GMS	DATE	6/8/00	JOB NO.	973-3788
		CHECKED	RFM	SCALE	AS SHOWN	DWG. NO.	3788S2
		REVIEWED	CM	FILE NO.	973-3788	SUBTITLE	FIGURE NO. 40

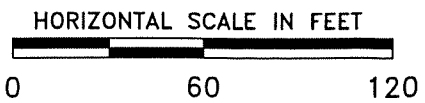
Figures F-1 (CSRAdd)



LEGEND

- 0.5--- CORRECTIVE ACTION CLEANUP GOAL (0.5 ug/kg)
- 0.086-- DELINEATION LIMIT (0.086 mg/kg)
- SS-28 SOIL SAMPLE LOCATION
- ~91 APPROXIMATE GROUND SURFACE ELEVATION (FEET)
- 31 MERCURY CONCENTRATION IN SOIL (mg/kg)

NOTES:
1. mg/kg = MILLIGRAMS PER KILOGRAM.

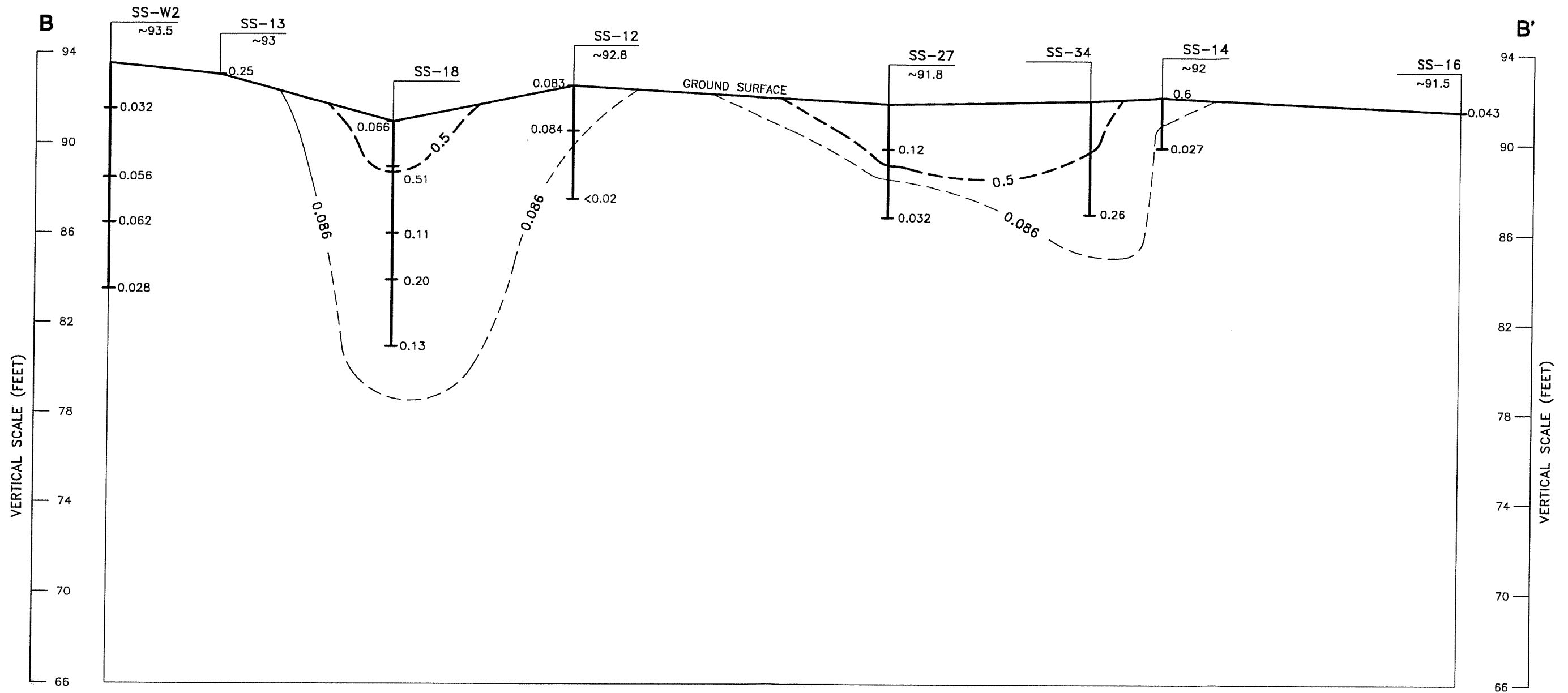


Golder Associates JACKSONVILLE, FLORIDA

CLIENT/PROJECT: FARMERS FAVORITE FERTILIZER

TITLE: A-A' VERTICAL EXTENT OF MERCURY IN SOIL				
DRAWN	GMS	DATE	6/9/00	JOB NO. 973-3788
CHECKED	Rem	SCALE	AS SHOWN	DWG. NO. 3788Z2
REVIEWED	DM	FILE NO.	973-3788	SUBTITLE
				REV. NO.
				FIGURE NO. 41

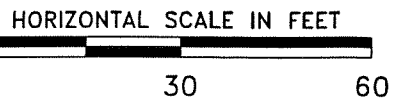
Figures F-1 (CSRAdd)




LEGEND

- 0.5-- CORRECTIVE ACTION CLEANUP GOAL (0.5 ug/kg)
- 0.086- DELINEATION LIMIT (0.086 kg/mg)
- SS-28 SOIL SAMPLE LOCATION
- ~91 APPROXIMATE GROUND SURFACE ELEVATION (FEET)
- 31 MERCURY CONCENTRATION IN SOIL (mg/kg)

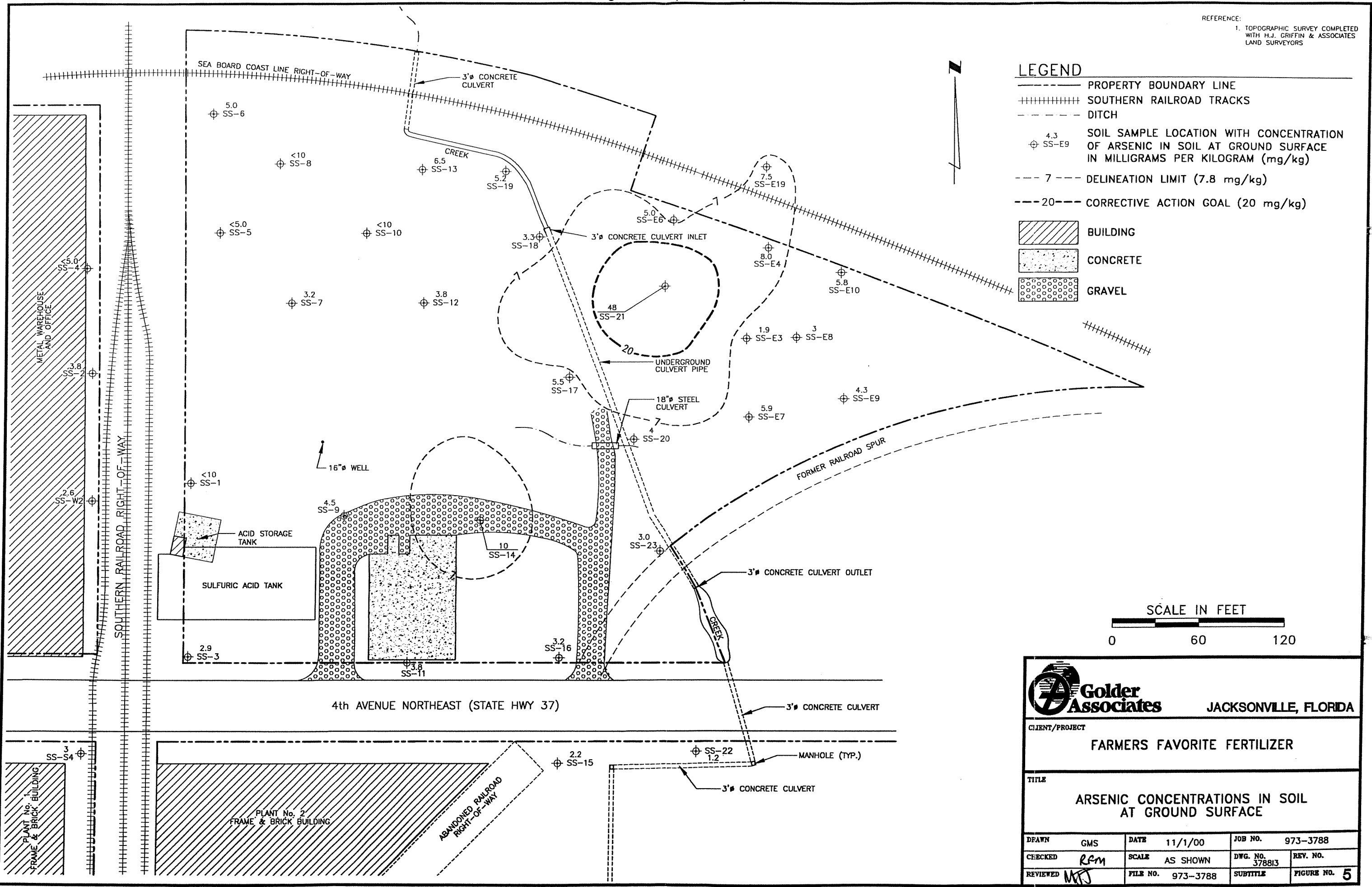
NOTES:
1. mg/kg = MILLIGRAMS PER KILOGRAM.



 Golder Associates JACKSONVILLE, FLORIDA		TITLE						
		B-B' VERTICAL EXTENT OF MERCURY IN SOIL						
CLIENT/PROJECT	FARMERS FAVORITE FERTILIZER		DRAWN	GMS	DATE	6/8/00	JOB NO.	973-3788
			CHECKED	<i>RM</i>	SCALE	AS SHOWN	DWG. NO.	3788A3
			REVIEWED	<i>AW</i>	FILE NO.	973-3788	SUBTITLE	FIGURE NO. 42

Figures F-1 (CSRAdd2)

REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED WITH H.J. GRIFFIN & ASSOCIATES LAND SURVEYORS



Golder Associates JACKSONVILLE, FLORIDA

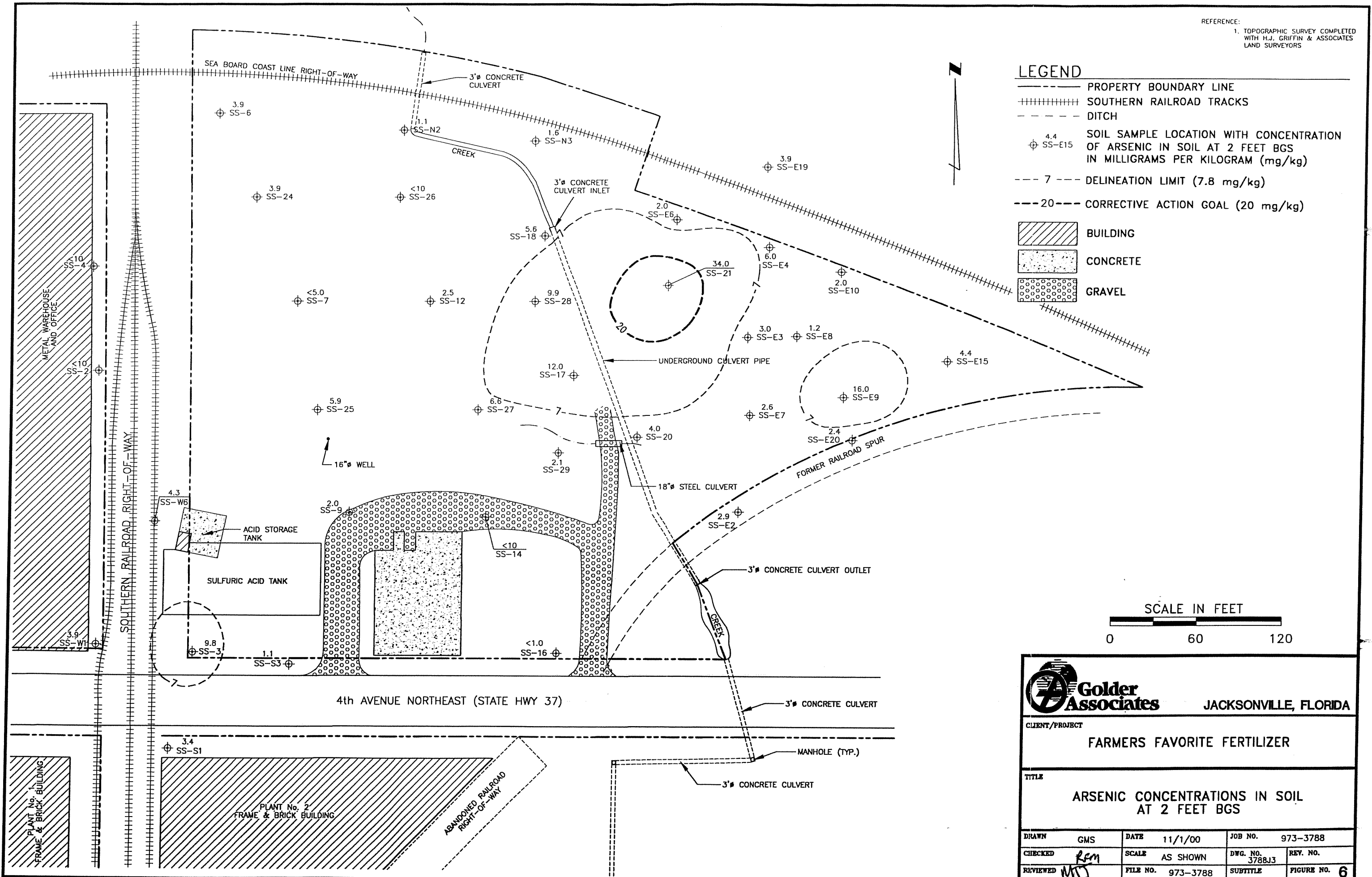
CLIENT/PROJECT: FARMERS FAVORITE FERTILIZER

TITLE: ARSENIC CONCENTRATIONS IN SOIL AT GROUND SURFACE

DRAWN	GMS	DATE	11/1/00	JOB NO.	973-3788
CHECKED	RAM	SCALE	AS SHOWN	DWG. NO.	378813
REVIEWED	MTJ	FILE NO.	973-3788	SUBTITLE	FIGURE NO. 5

Figures F-1 (CSRAdd2)

REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED
WITH H.J. GRIFFIN & ASSOCIATES
LAND SURVEYORS



Golders Associates JACKSONVILLE, FLORIDA

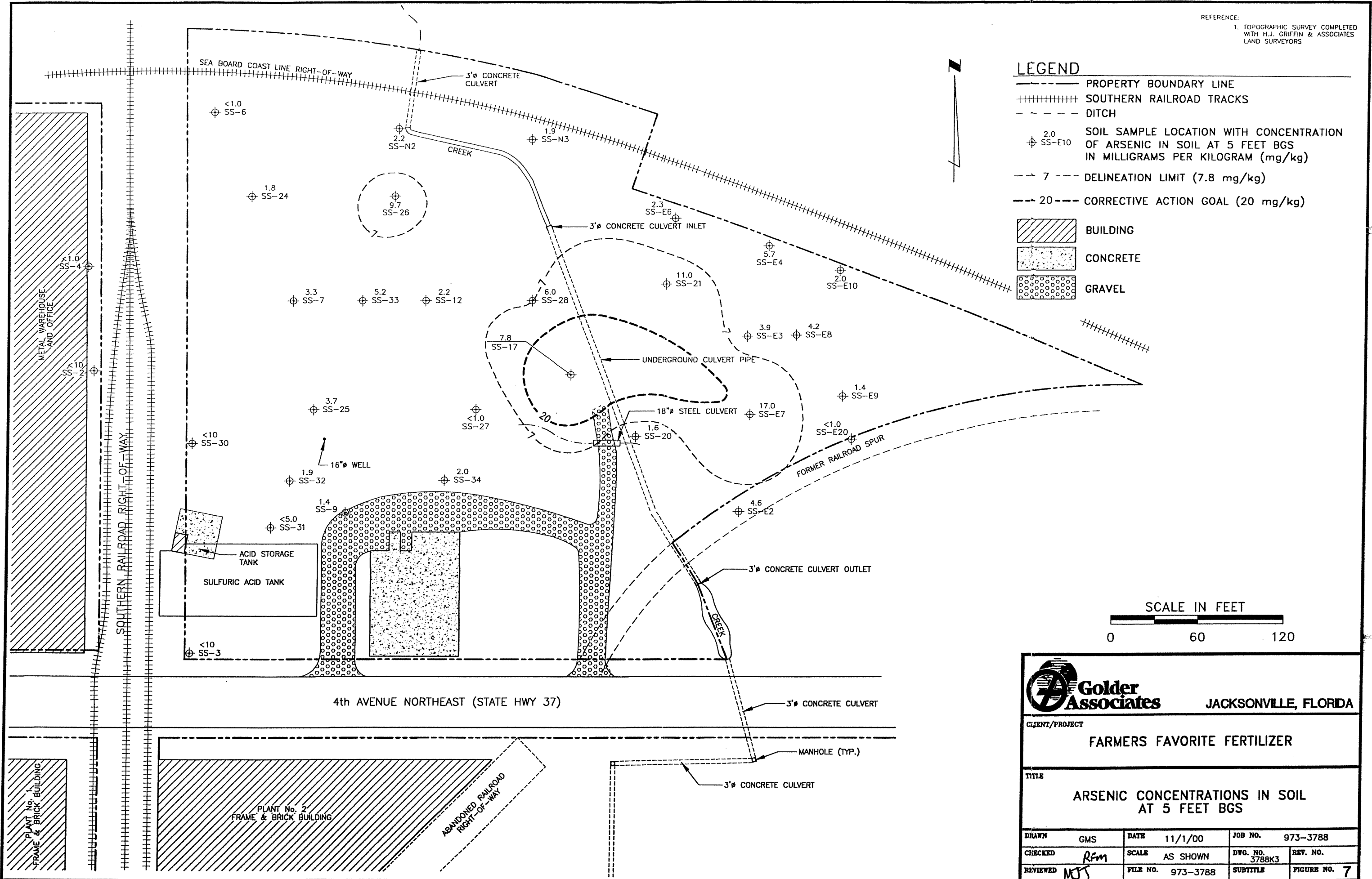
CLIENT/PROJECT: FARMERS FAVORITE FERTILIZER

TITLE: ARSENIC CONCENTRATIONS IN SOIL AT 2 FEET BGS

DRAWN	GMS	DATE	11/1/00	JOB NO.	973-3788
CHECKED	Rem	SCALE	AS SHOWN	DWG. NO.	378BJ3
REVIEWED	MST	FILE NO.	973-3788	SUBTITLE	FIGURE NO. 6

Figures F-1 (CSRAdd2)

REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED
WITH H.J. GRIFFIN & ASSOCIATES
LAND SURVEYORS



Golder Associates JACKSONVILLE, FLORIDA

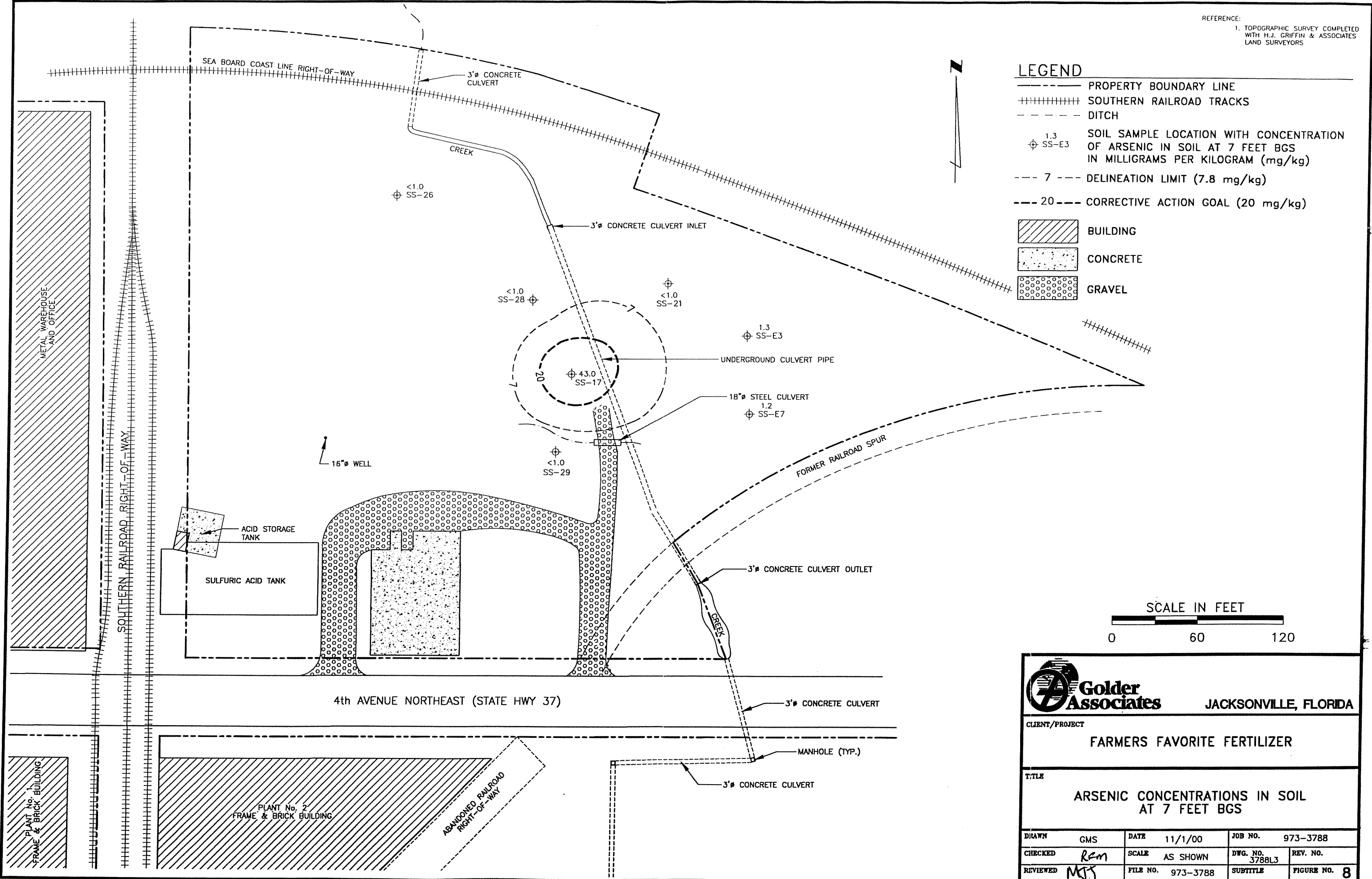
CLIENT/PROJECT: FARMERS FAVORITE FERTILIZER

TITLE: ARSENIC CONCENTRATIONS IN SOIL AT 5 FEET BGS

DRAWN	GMS	DATE	11/1/00	JOB NO.	973-3788
CHECKED	Rem	SCALE	AS SHOWN	DWG. NO.	3788K3
REVIEWED	MJS	FILE NO.	973-3788	SUBTITLE	FIGURE NO. 7

Figures F-1 (CSRAdd2)

REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED WITH H.J. GRIFFIN & ASSOCIATES LAND SURVEYORS



Golder Associates JACKSONVILLE, FLORIDA

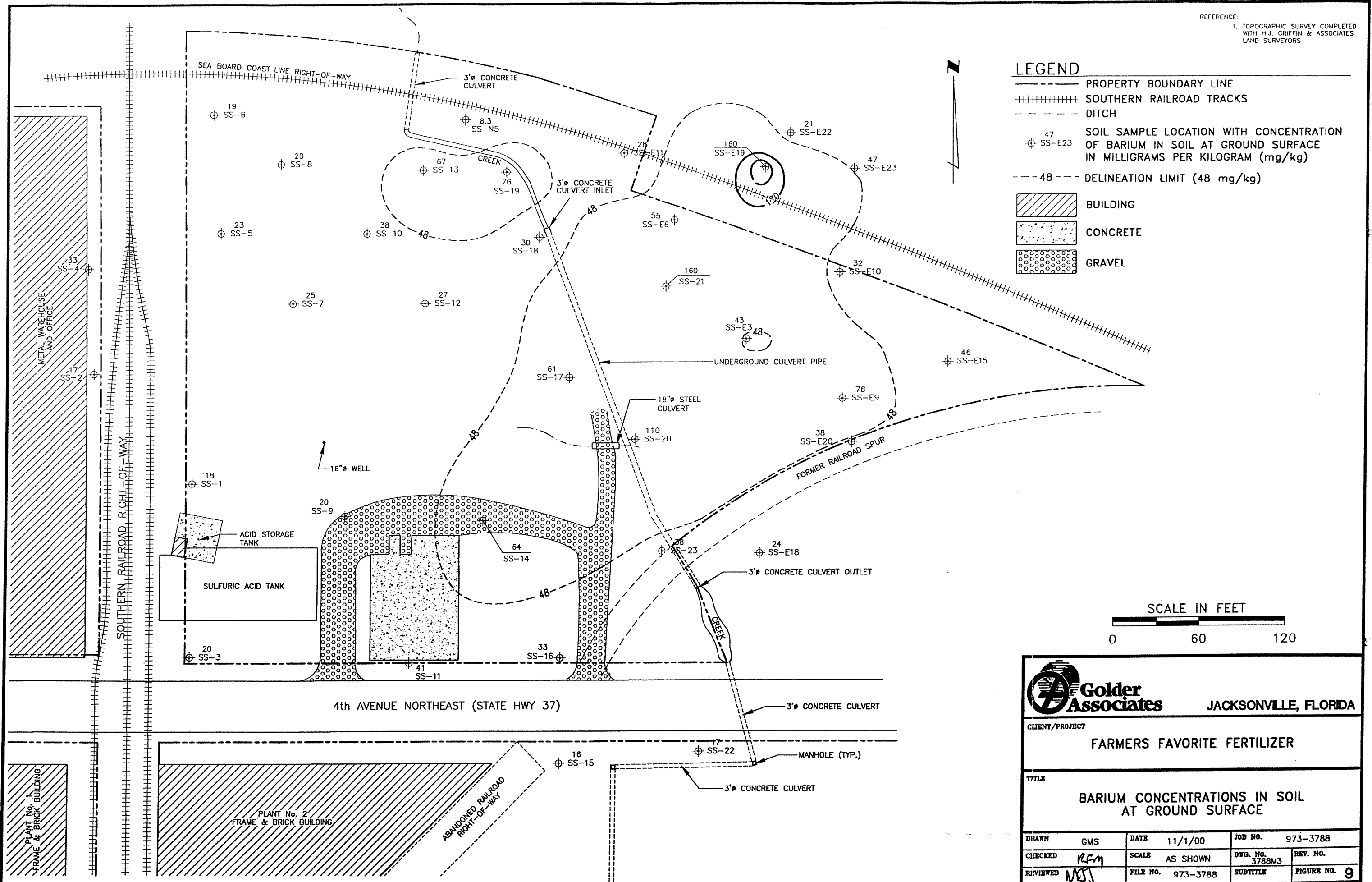
CLIENT/PROJECT
FARMERS FAVORITE FERTILIZER

TITLE
ARSENIC CONCENTRATIONS IN SOIL AT 7 FEET BGS

DRAWN	GMS	DATE	11/1/00	JOB NO.	973-3788
CHECKED	Rem	SCALE	AS SHOWN	DWG. NO.	3788L3
REVIEWED	MJS	FILE NO.	973-3788	SUBTITLE	FIGURE NO. 8

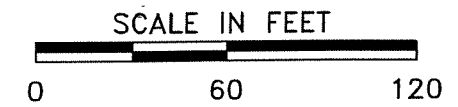
Figures F-1 (CSRAAdd2)

REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED WITH H.J. GRIFFIN & ASSOCIATES LAND SURVEYORS



LEGEND

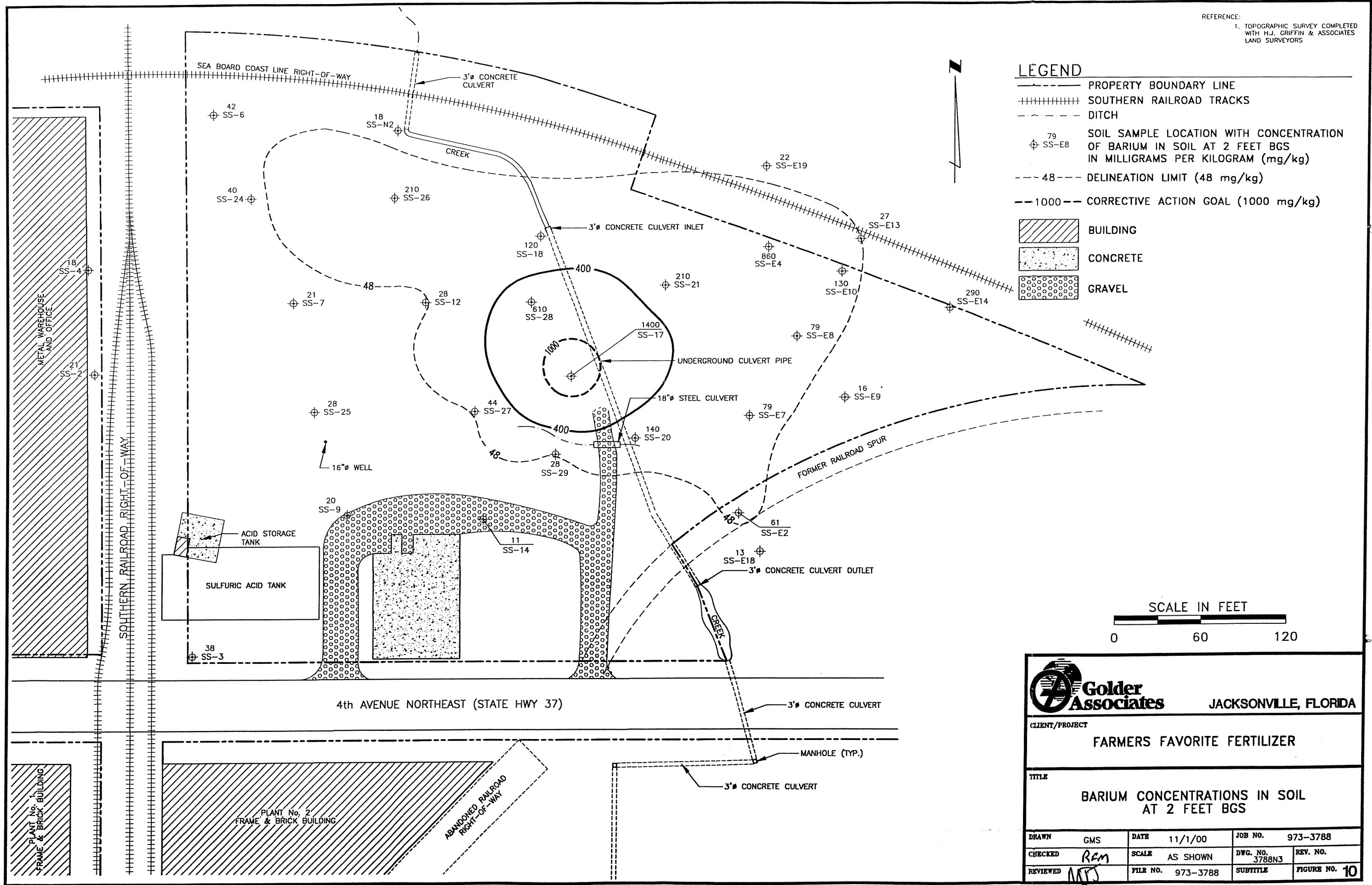
- PROPERTY BOUNDARY LINE
- +++++ SOUTHERN RAILROAD TRACKS
- - - - DITCH
- ⊕ 47 SS-E23 SOIL SAMPLE LOCATION WITH CONCENTRATION OF BARIUM IN SOIL AT GROUND SURFACE IN MILLIGRAMS PER KILOGRAM (mg/kg)
- - - - 48 - - - DELINEATION LIMIT (48 mg/kg)
- [Hatched Box] BUILDING
- [Dotted Box] CONCRETE
- [Circular Pattern Box] GRAVEL



Golder Associates		JACKSONVILLE, FLORIDA			
CLIENT/PROJECT FARMERS FAVORITE FERTILIZER					
TITLE BARIUM CONCENTRATIONS IN SOIL AT GROUND SURFACE					
DRAWN	GMS	DATE	11/1/00	JOB NO.	973-3788
CHECKED	RFM	SCALE	AS SHOWN	DWG. NO.	3788M3
REVIEWED	MSJ	FILE NO.	973-3788	SUBTITLE	FIGURE NO. 9

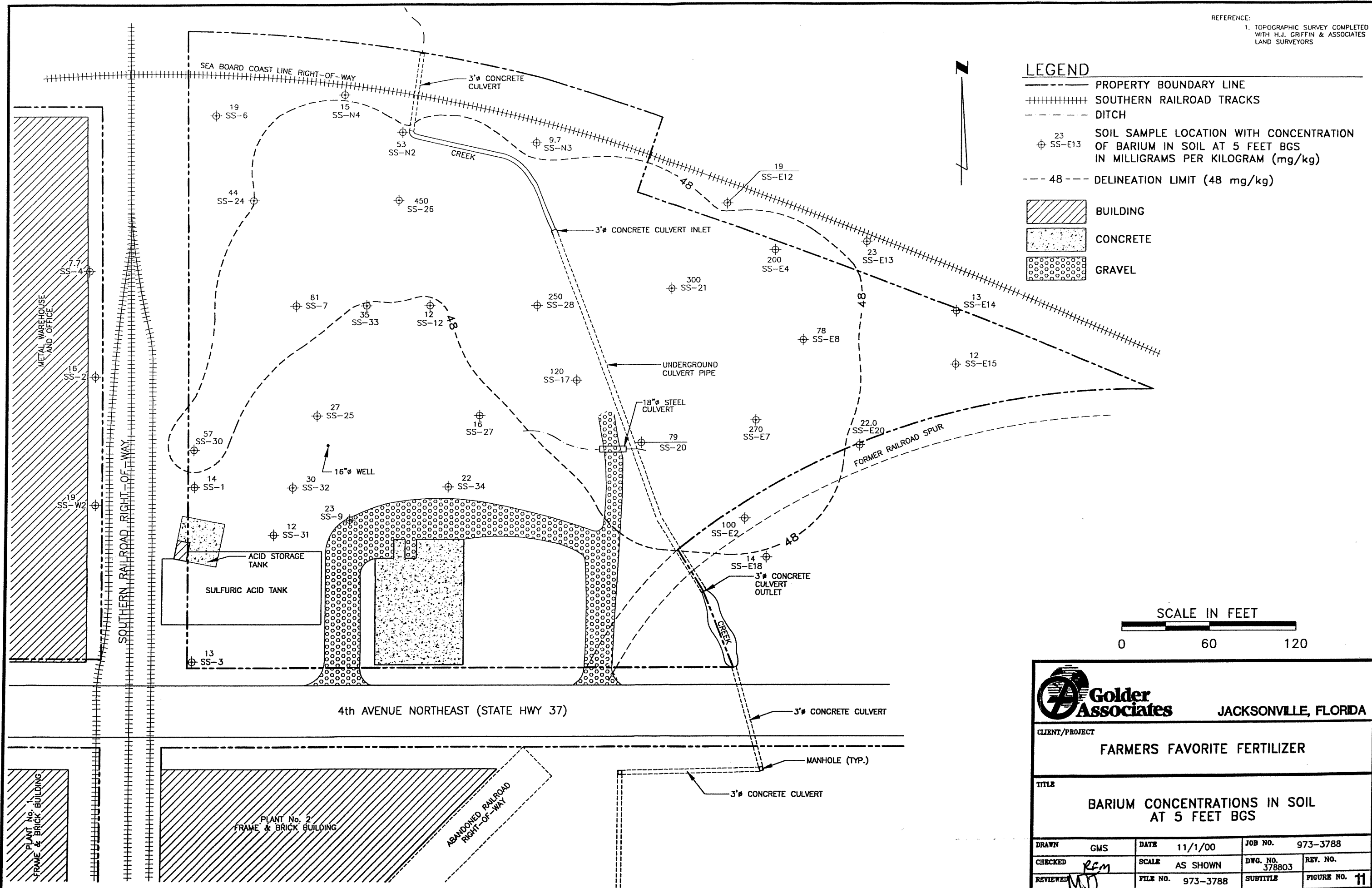
Figures F-1 (CSRAdd2)

REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED WITH H.J. GRIFFIN & ASSOCIATES LAND SURVEYORS



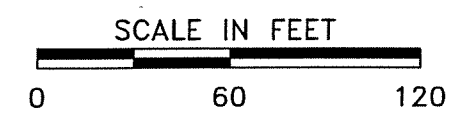
Figures F-1 (CSRAdd2)

REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED
WITH H.J. GRIFFIN & ASSOCIATES
LAND SURVEYORS



LEGEND

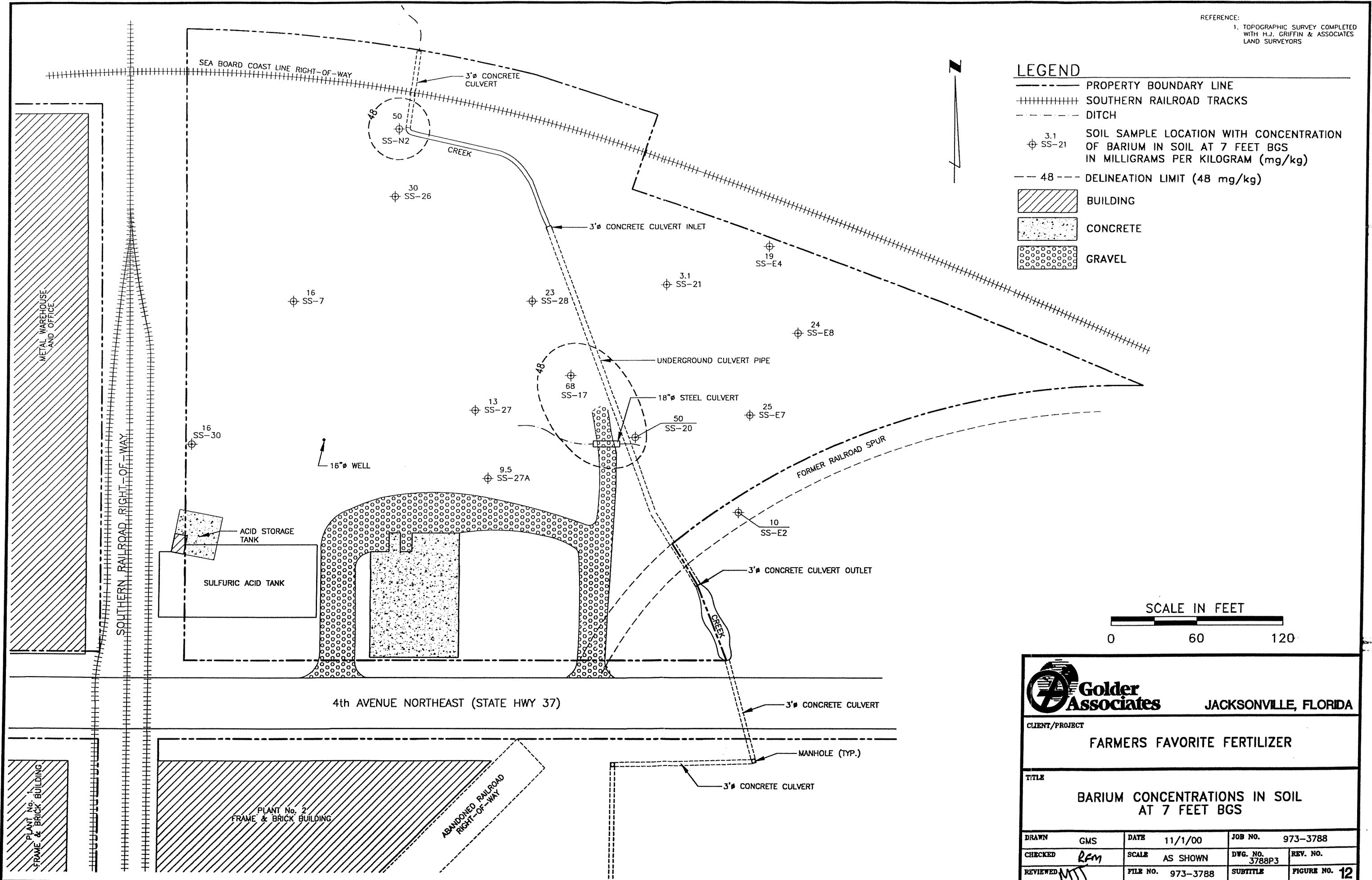
- PROPERTY BOUNDARY LINE
- +++++ SOUTHERN RAILROAD TRACKS
- - - - - DITCH
- ⊕ 23 SS-E13 SOIL SAMPLE LOCATION WITH CONCENTRATION OF BARIUM IN SOIL AT 5 FEET BGS IN MILLIGRAMS PER KILOGRAM (mg/kg)
- - - - - 48 DELINEATION LIMIT (48 mg/kg)
- [Hatched Box] BUILDING
- [Dotted Box] CONCRETE
- [Circular Pattern Box] GRAVEL



		Golder Associates		JACKSONVILLE, FLORIDA	
CLIENT/PROJECT					
FARMERS FAVORITE FERTILIZER					
TITLE					
BARIUM CONCENTRATIONS IN SOIL AT 5 FEET BGS					
DRAWN	GMS	DATE	11/1/00	JOB NO.	973-3788
CHECKED	RM	SCALE	AS SHOWN	DWG. NO.	378803
REVIEWED	MD	FILE NO.	973-3788	SUBTITLE	FIGURE NO. 11

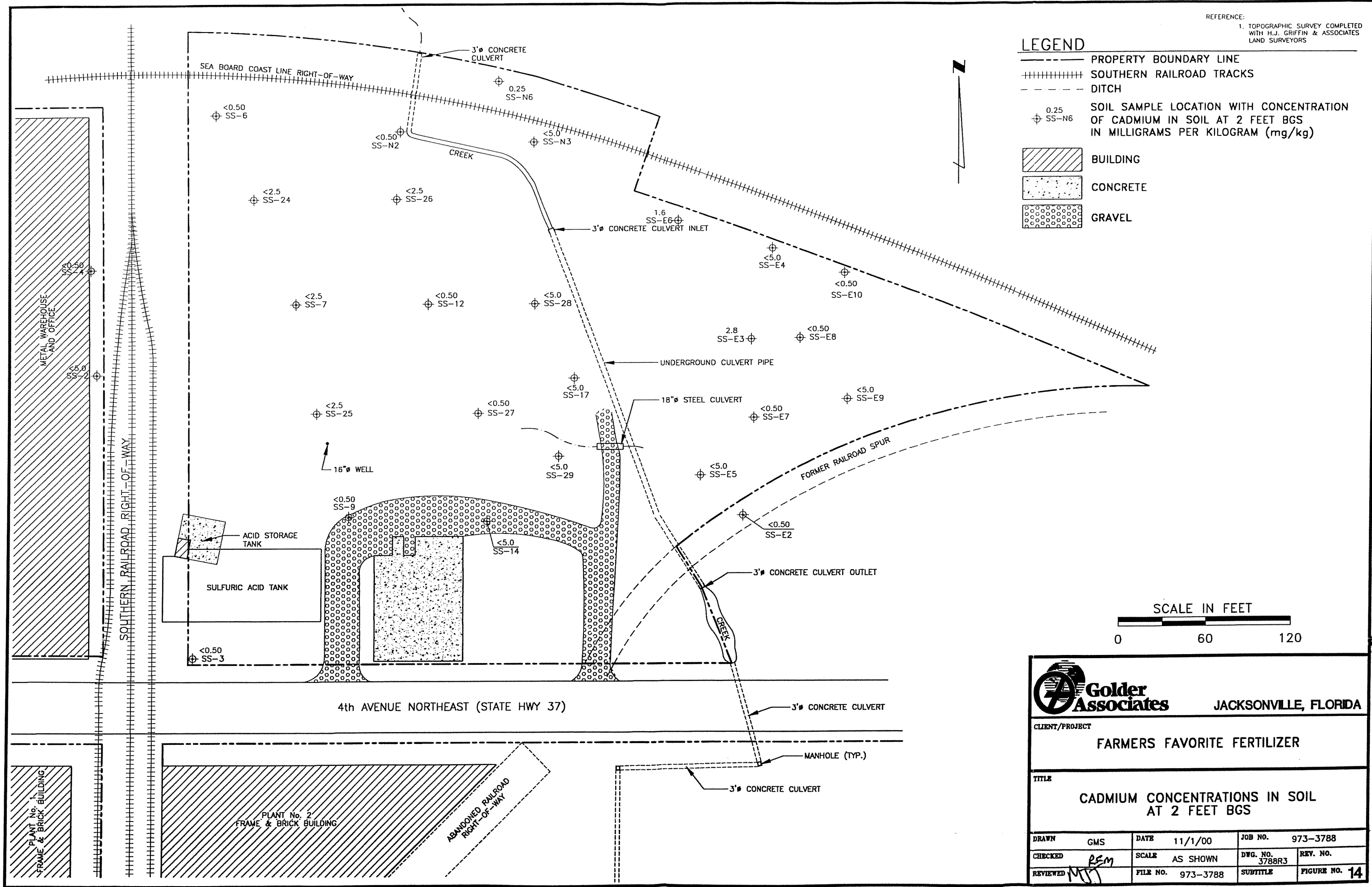
Figures F-1 (CSRAdd2)

REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED
WITH H.J. GRIFFIN & ASSOCIATES
LAND SURVEYORS



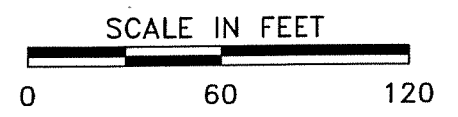
		JACKSONVILLE, FLORIDA	
CLIENT/PROJECT FARMERS FAVORITE FERTILIZER			
TITLE BARIUM CONCENTRATIONS IN SOIL AT 7 FEET BGS			
DRAWN	GMS	DATE	11/1/00
CHECKED	RAM	SCALE	AS SHOWN
REVIEWED	MTJ	FILE NO.	973-3788
JOB NO.		973-3788	
DWG. NO.		3788P3	
SUBTITLE		FIGURE NO. 12	

Figures F-1 (CSRAdd2)



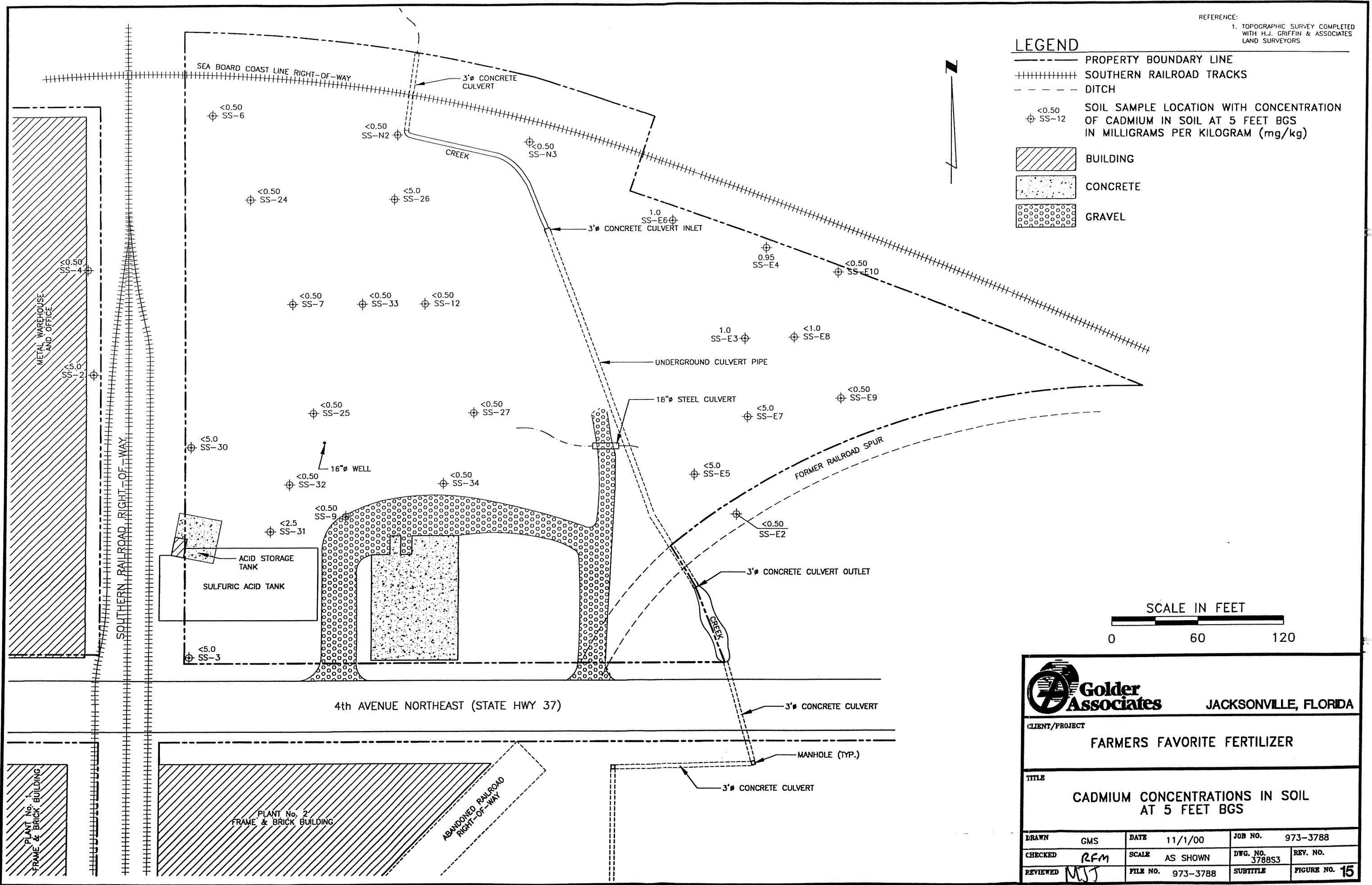
REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED WITH H.J. GRIFFIN & ASSOCIATES LAND SURVEYORS

- LEGEND**
- PROPERTY BOUNDARY LINE
 - +++++ SOUTHERN RAILROAD TRACKS
 - - - - - DITCH
 - ⊕ 0.25 SS-N6 SOIL SAMPLE LOCATION WITH CONCENTRATION OF CADMIUM IN SOIL AT 2 FEET BGS IN MILLIGRAMS PER KILOGRAM (mg/kg)
 - [Hatched Box] BUILDING
 - [Dotted Box] CONCRETE
 - [Circular Pattern Box] GRAVEL



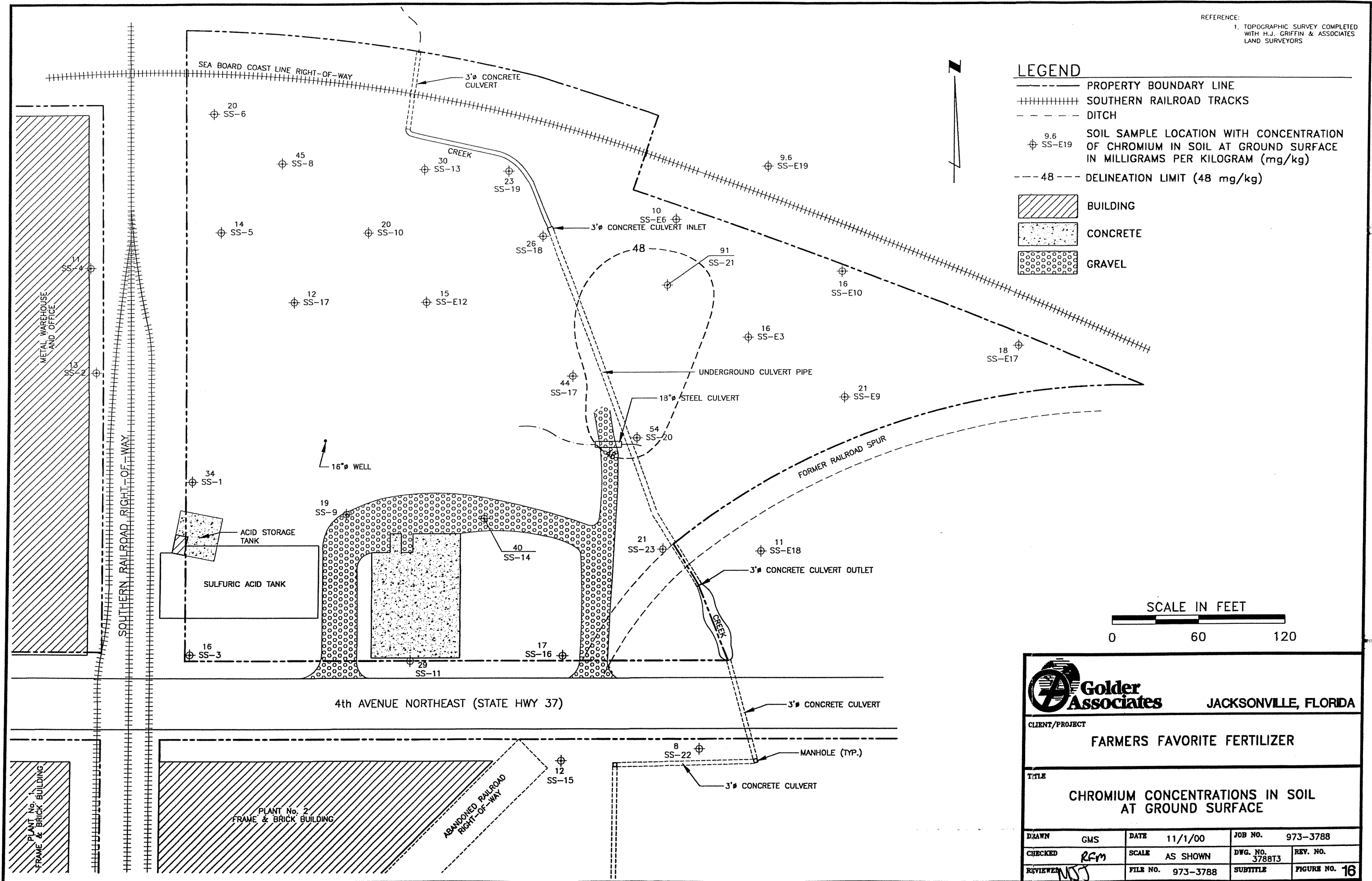
		JACKSONVILLE, FLORIDA	
CLIENT/PROJECT			
FARMERS FAVORITE FERTILIZER			
TITLE			
CADMIUM CONCENTRATIONS IN SOIL AT 2 FEET BGS			
DRAWN	GMS	DATE	11/1/00
CHECKED	REM	SCALE	AS SHOWN
REVIEWED	MTD	FILE NO.	973-3788
JOB NO.		973-3788	
DWG. NO.		3788R3	
SUBTITLE		FIGURE NO. 14	

Figures F-1 (CSRAdd2)



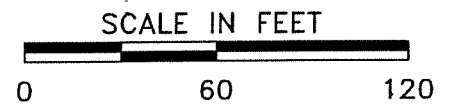
Figures F-1 (CSRAdd2)

REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED
WITH H.J. GRIFFIN & ASSOCIATES
LAND SURVEYORS



LEGEND

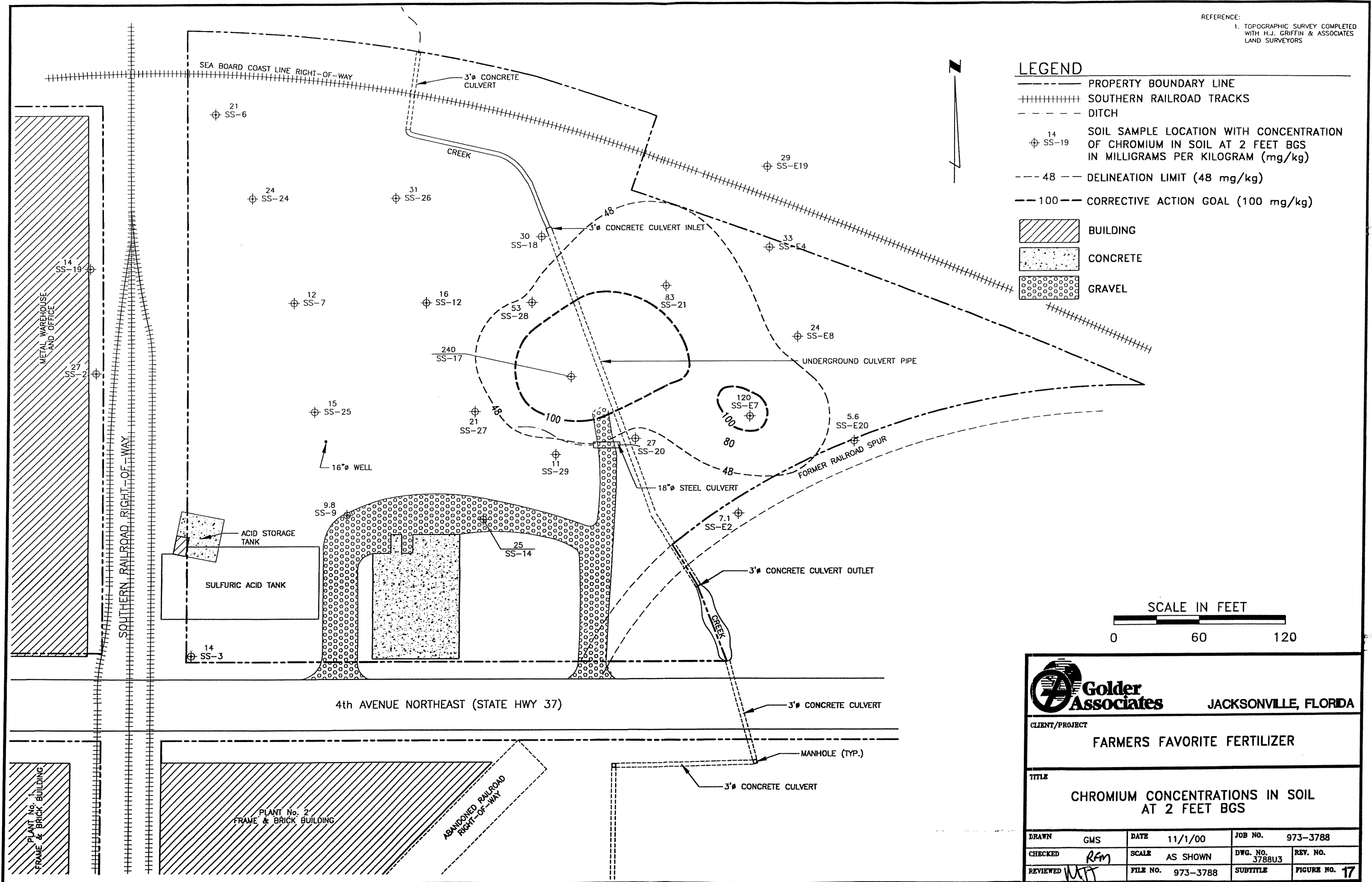
- PROPERTY BOUNDARY LINE
- +++++ SOUTHERN RAILROAD TRACKS
- - - - - DITCH
- ⊕ 9.6 SS-E19 SOIL SAMPLE LOCATION WITH CONCENTRATION OF CHROMIUM IN SOIL AT GROUND SURFACE IN MILLIGRAMS PER KILOGRAM (mg/kg)
- - - - - 48 DELINEATION LIMIT (48 mg/kg)
- [Hatched Box] BUILDING
- [Dotted Box] CONCRETE
- [Circular Pattern Box] GRAVEL



Golder Associates		JACKSONVILLE, FLORIDA	
CLIENT/PROJECT FARMERS FAVORITE FERTILIZER			
TITLE CHROMIUM CONCENTRATIONS IN SOIL AT GROUND SURFACE			
DRAWN	GMS	DATE	11/1/00
CHECKED	RAM	SCALE	AS SHOWN
REVIEWER	NST	FILE NO.	973-3788
		JOB NO.	973-3788
		DWG. No.	3788T3
		SUBTITLE	FIGURE NO. 16

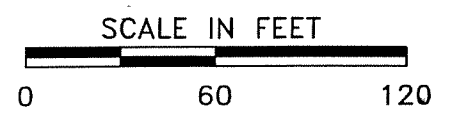
Figures F-1 (CSRAdd2)

REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED WITH H.J. GRIFFIN & ASSOCIATES LAND SURVEYORS



LEGEND

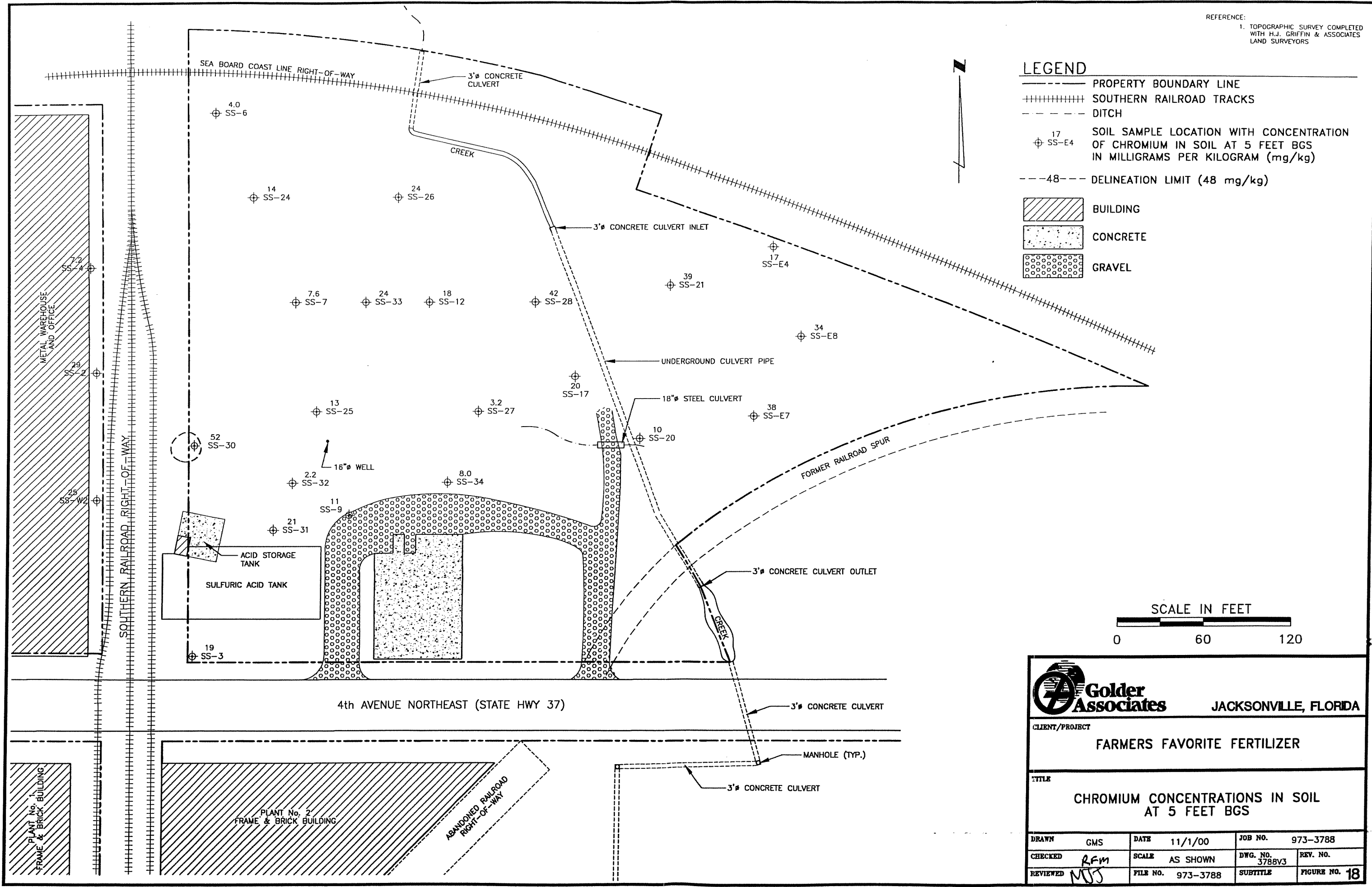
- PROPERTY BOUNDARY LINE
- ++++ SOUTHERN RAILROAD TRACKS
- - - - DITCH
- ⊕ 14 SS-19 SOIL SAMPLE LOCATION WITH CONCENTRATION OF CHROMIUM IN SOIL AT 2 FEET BGS IN MILLIGRAMS PER KILOGRAM (mg/kg)
- - - 48 - - DELINEATION LIMIT (48 mg/kg)
- - - 100 - - CORRECTIVE ACTION GOAL (100 mg/kg)
- [Hatched Box] BUILDING
- [Dotted Box] CONCRETE
- [Circular Pattern Box] GRAVEL



		Golder Associates		JACKSONVILLE, FLORIDA	
CLIENT/PROJECT					
FARMERS FAVORITE FERTILIZER					
TITLE					
CHROMIUM CONCENTRATIONS IN SOIL AT 2 FEET BGS					
DRAWN	GMS	DATE	11/1/00	JOB NO.	973-3788
CHECKED	Rfm	SCALE	AS SHOWN	DWG. NO.	3788U3
REVIEWED	WJT	FILE NO.	973-3788	SUBTITLE	FIGURE NO. 17

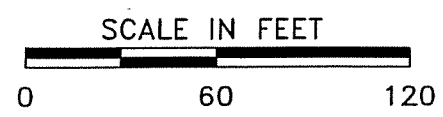
Figures F-1 (CSRAdd2)

REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED
WITH H.J. GRIFFIN & ASSOCIATES
LAND SURVEYORS



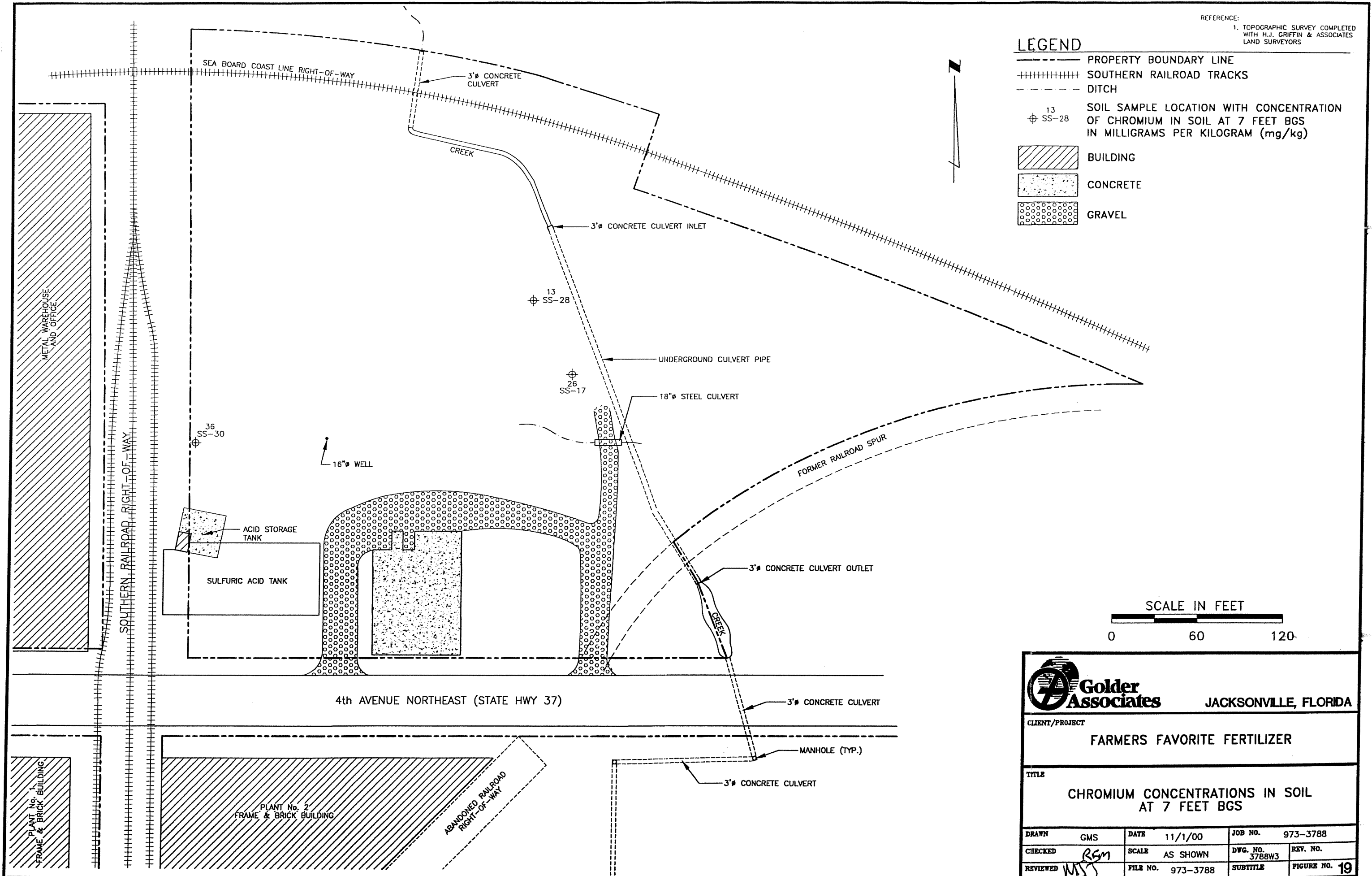
LEGEND

- PROPERTY BOUNDARY LINE
- ++++ SOUTHERN RAILROAD TRACKS
- - - DITCH
- ⊕ 17 SS-E4 SOIL SAMPLE LOCATION WITH CONCENTRATION OF CHROMIUM IN SOIL AT 5 FEET BGS IN MILLIGRAMS PER KILOGRAM (mg/kg)
- - - 48 - - - DELINEATION LIMIT (48 mg/kg)
- [Hatched Box] BUILDING
- [Dotted Box] CONCRETE
- [Circular Pattern Box] GRAVEL



		Golder Associates		JACKSONVILLE, FLORIDA	
CLIENT/PROJECT					
FARMERS FAVORITE FERTILIZER					
TITLE					
CHROMIUM CONCENTRATIONS IN SOIL AT 5 FEET BGS					
DRAWN	GMS	DATE	11/1/00	JOB NO.	973-3788
CHECKED	RFM	SCALE	AS SHOWN	DWG. NO.	3788V3
REVIEWED	MJS	FILE NO.	973-3788	SUBTITLE	FIGURE NO. 18

Figures F-1 (CSRAdd2)



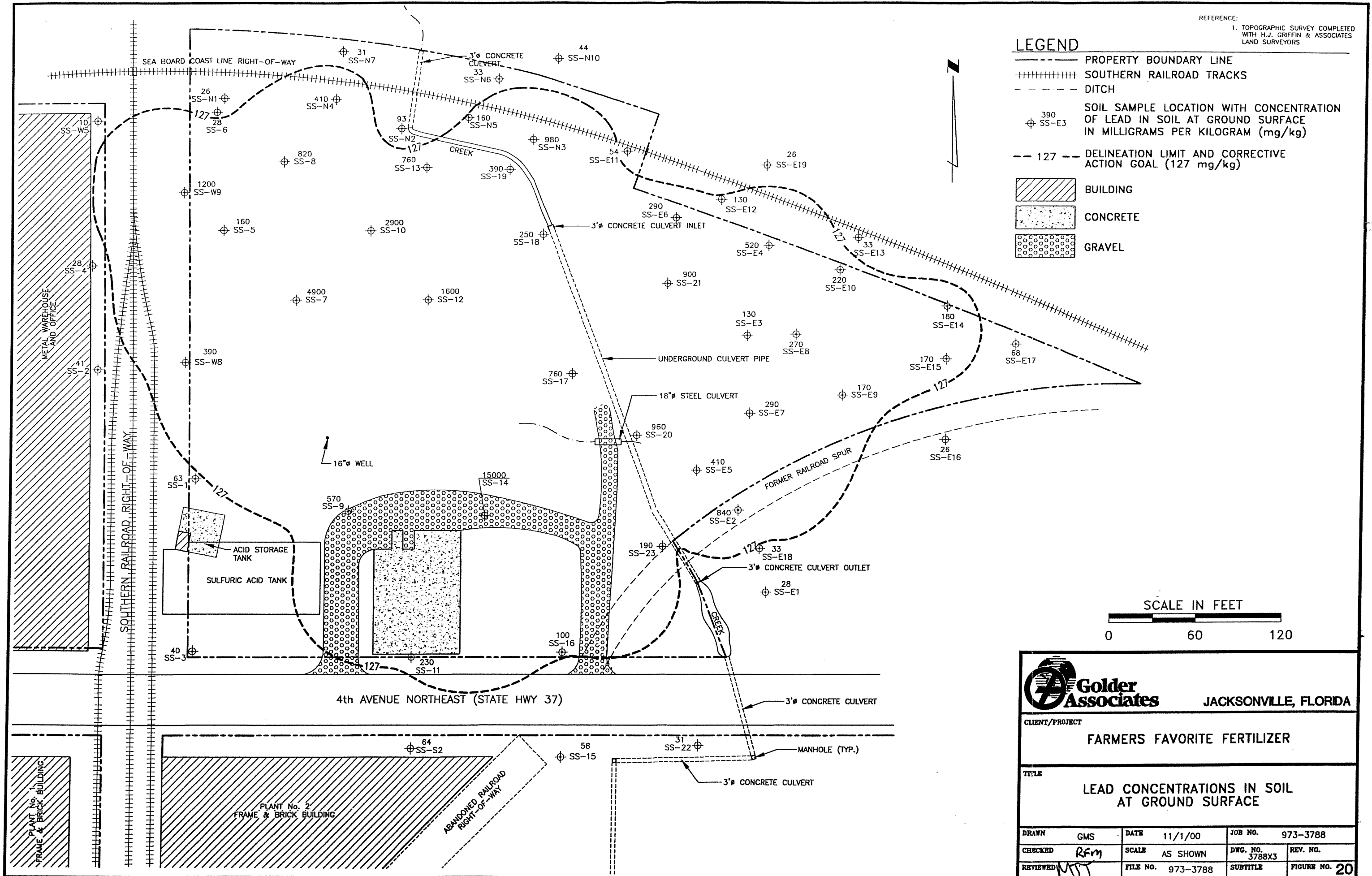
Golder Associates JACKSONVILLE, FLORIDA

CLIENT/PROJECT
FARMERS FAVORITE FERTILIZER

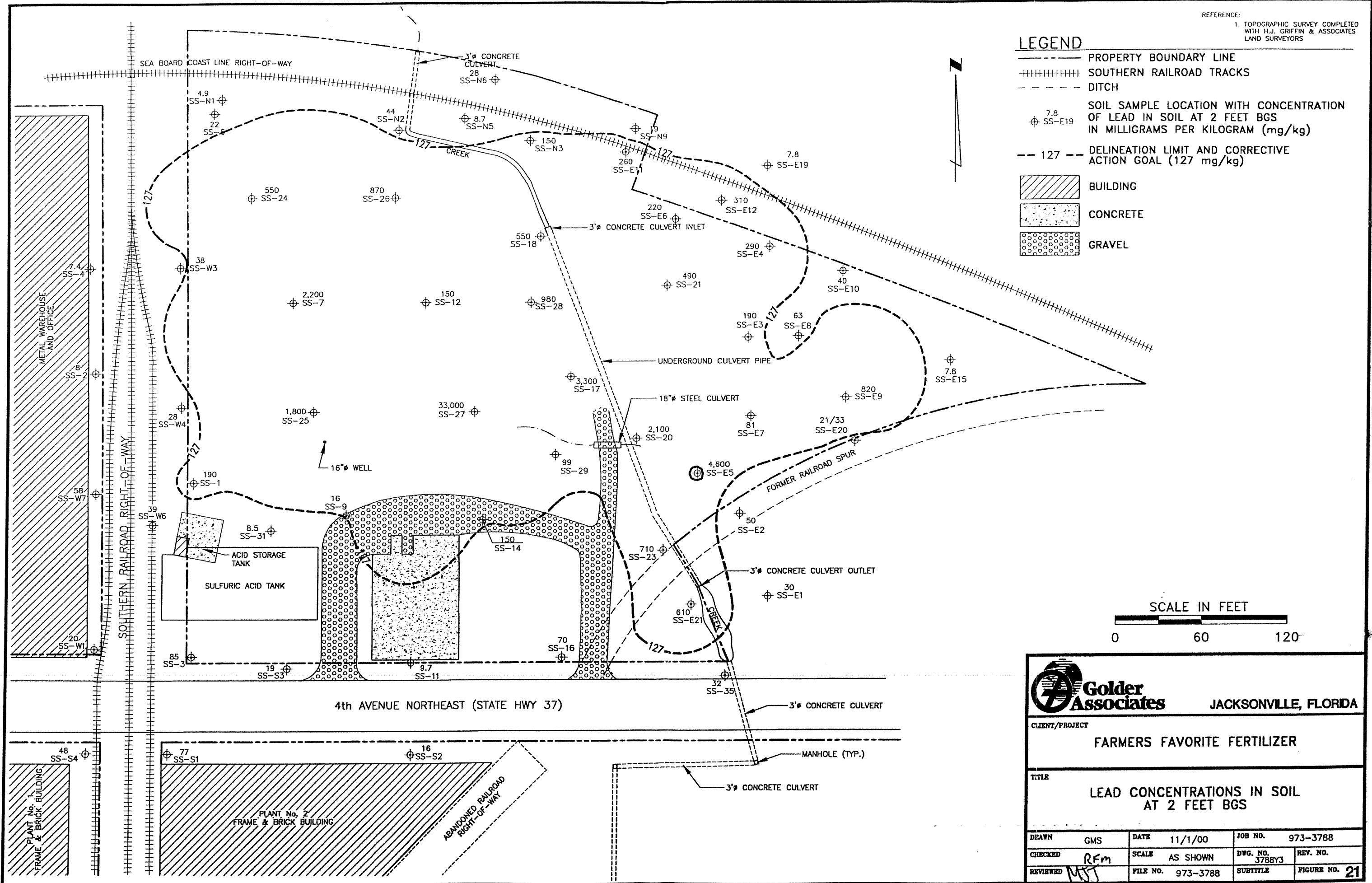
TITLE
CHROMIUM CONCENTRATIONS IN SOIL AT 7 FEET BGS

DRAWN	GMS	DATE	11/1/00	JOB NO.	973-3788
CHECKED	RGM	SCALE	AS SHOWN	DWG. NO.	3788W3
REVIEWED	NSS	FILE NO.	973-3788	SUBTITLE	FIGURE NO. 19

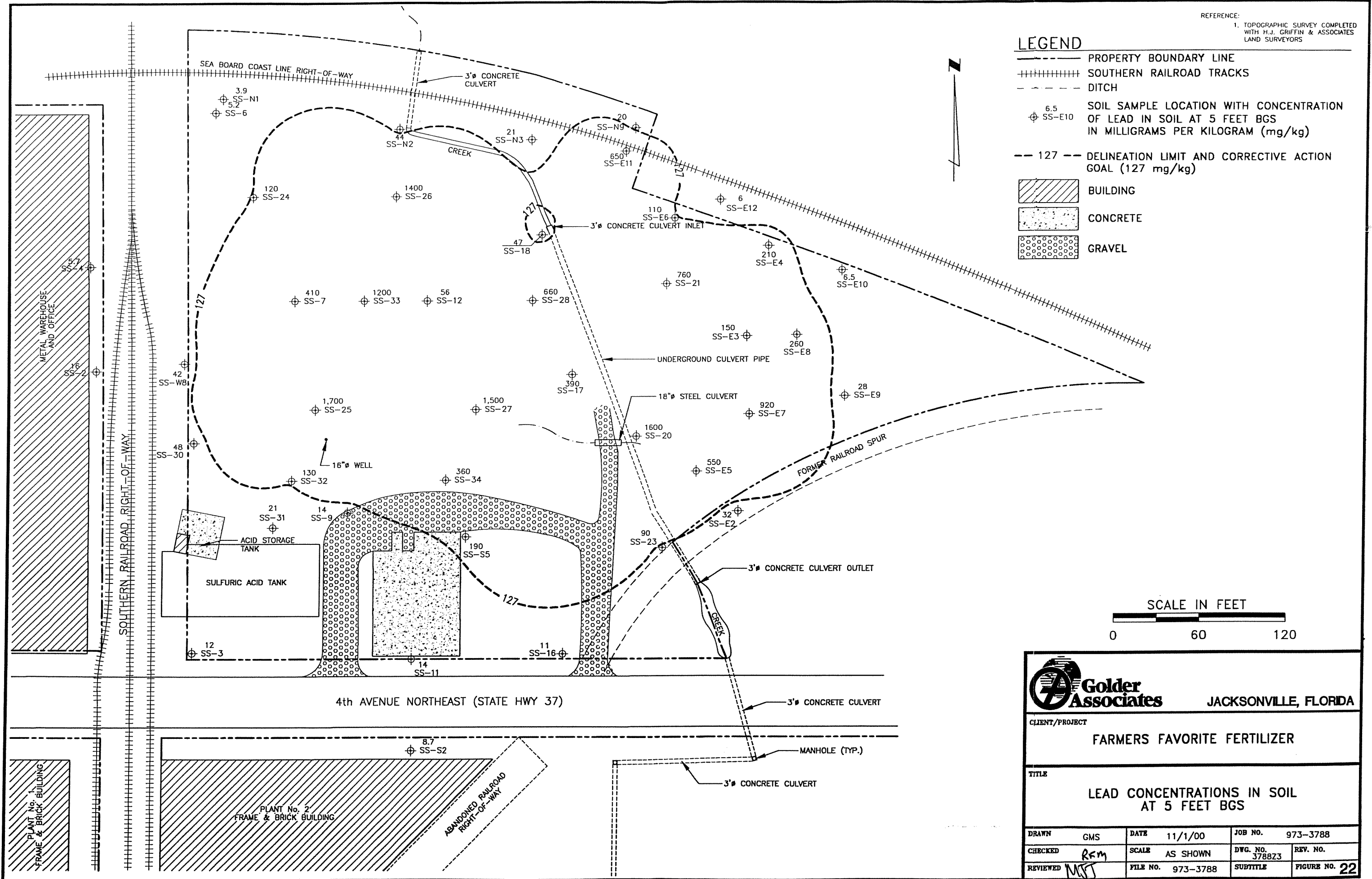
Figures F-1 (CSRAdd2)



Figures F-1 (CSRAdd2)



Figures F-1 (CSRAdd2)



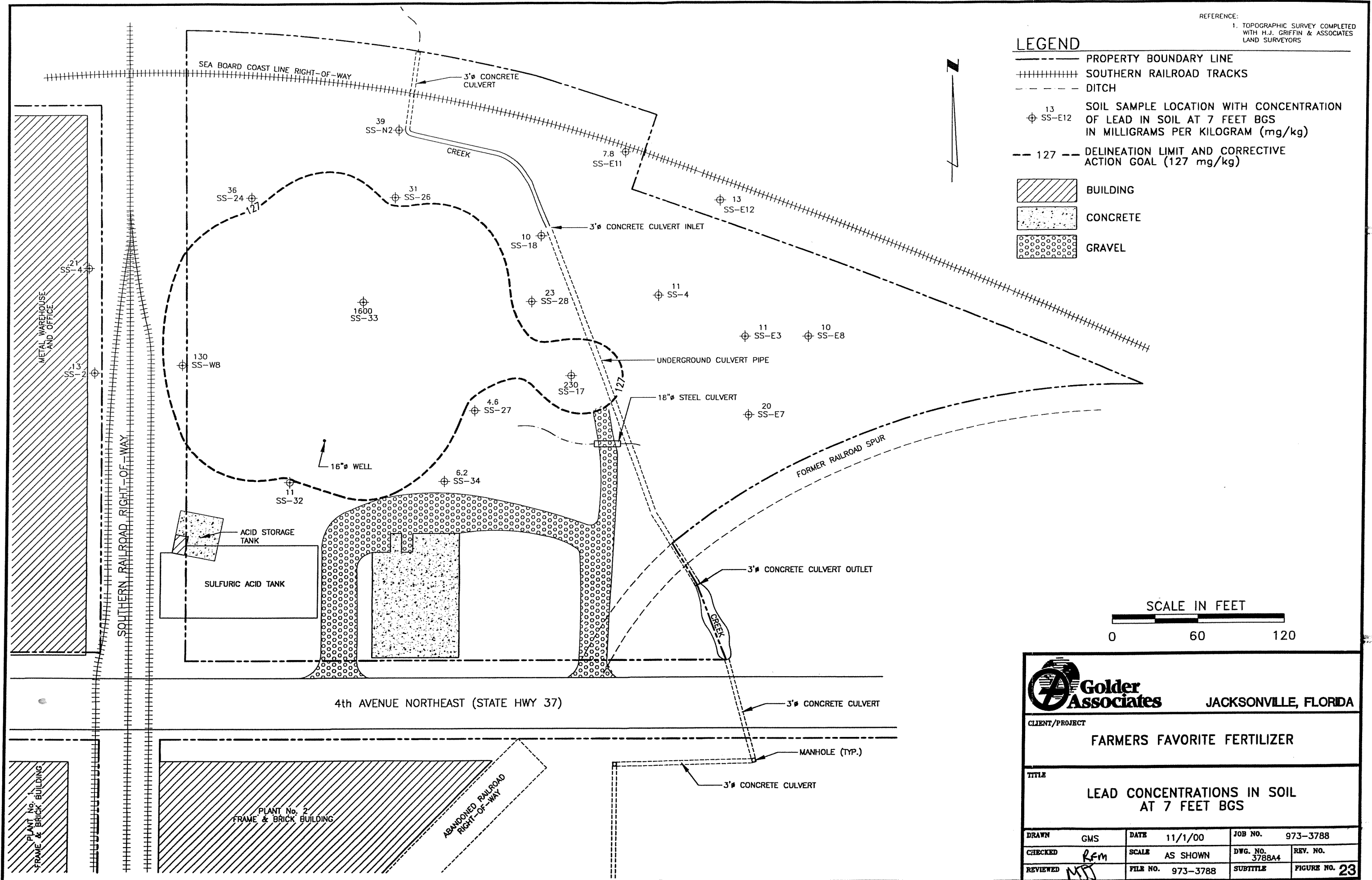
Golder Associates JACKSONVILLE, FLORIDA

CLIENT/PROJECT
FARMERS FAVORITE FERTILIZER

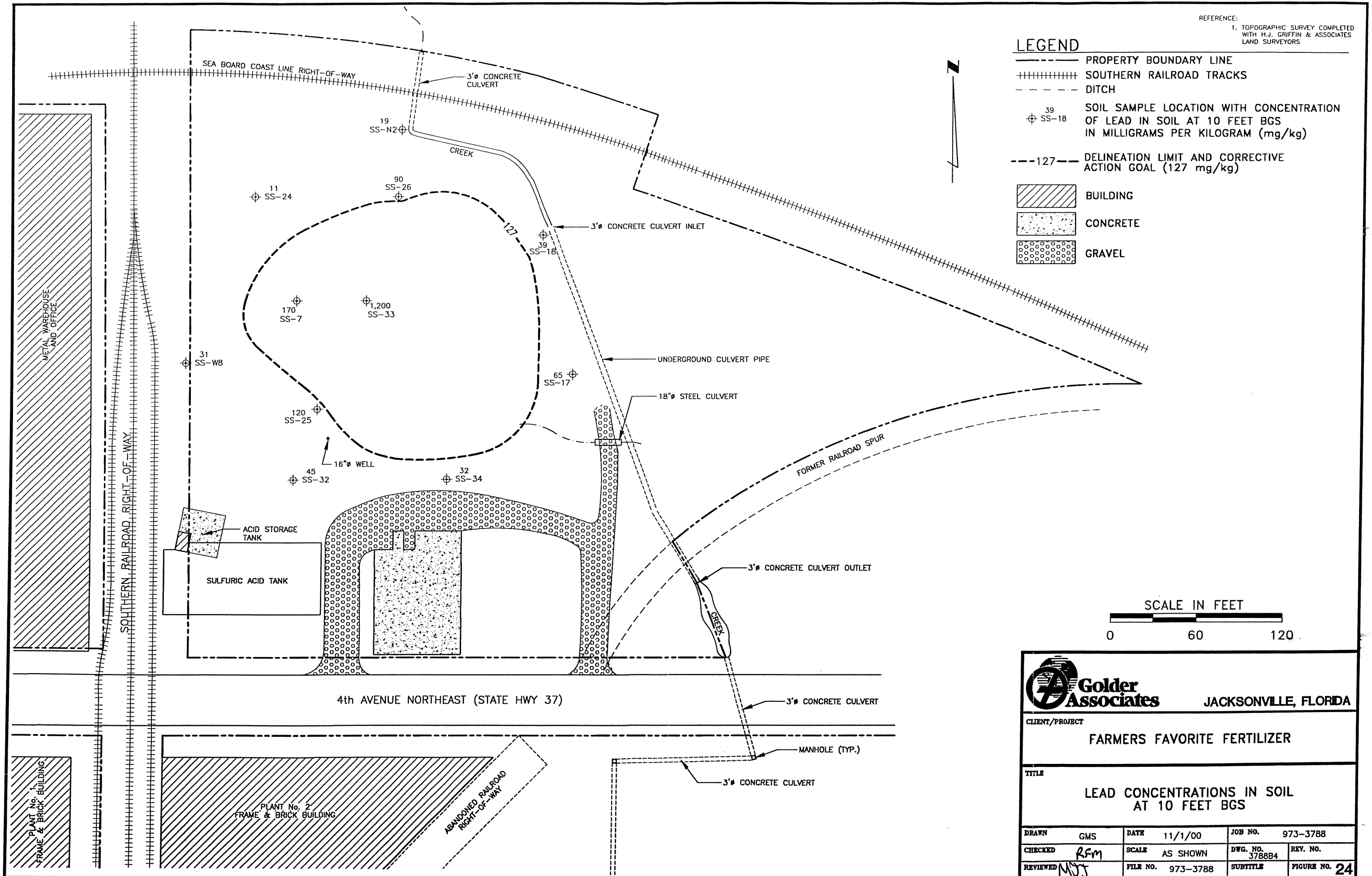
TITLE
LEAD CONCENTRATIONS IN SOIL AT 5 FEET BGS

DRAWN	GMS	DATE	11/1/00	JOB NO.	973-3788
CHECKED	RM	SCALE	AS SHOWN	DWG. NO.	378823
REVIEWED	MST	FILE NO.	973-3788	SUBTITLE	FIGURE NO. 22

Figures F-1 (CSRAdd2)



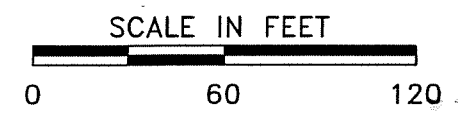
Figures F-1 (CSRAdd2)



REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED WITH H.J. GRIFFIN & ASSOCIATES LAND SURVEYORS

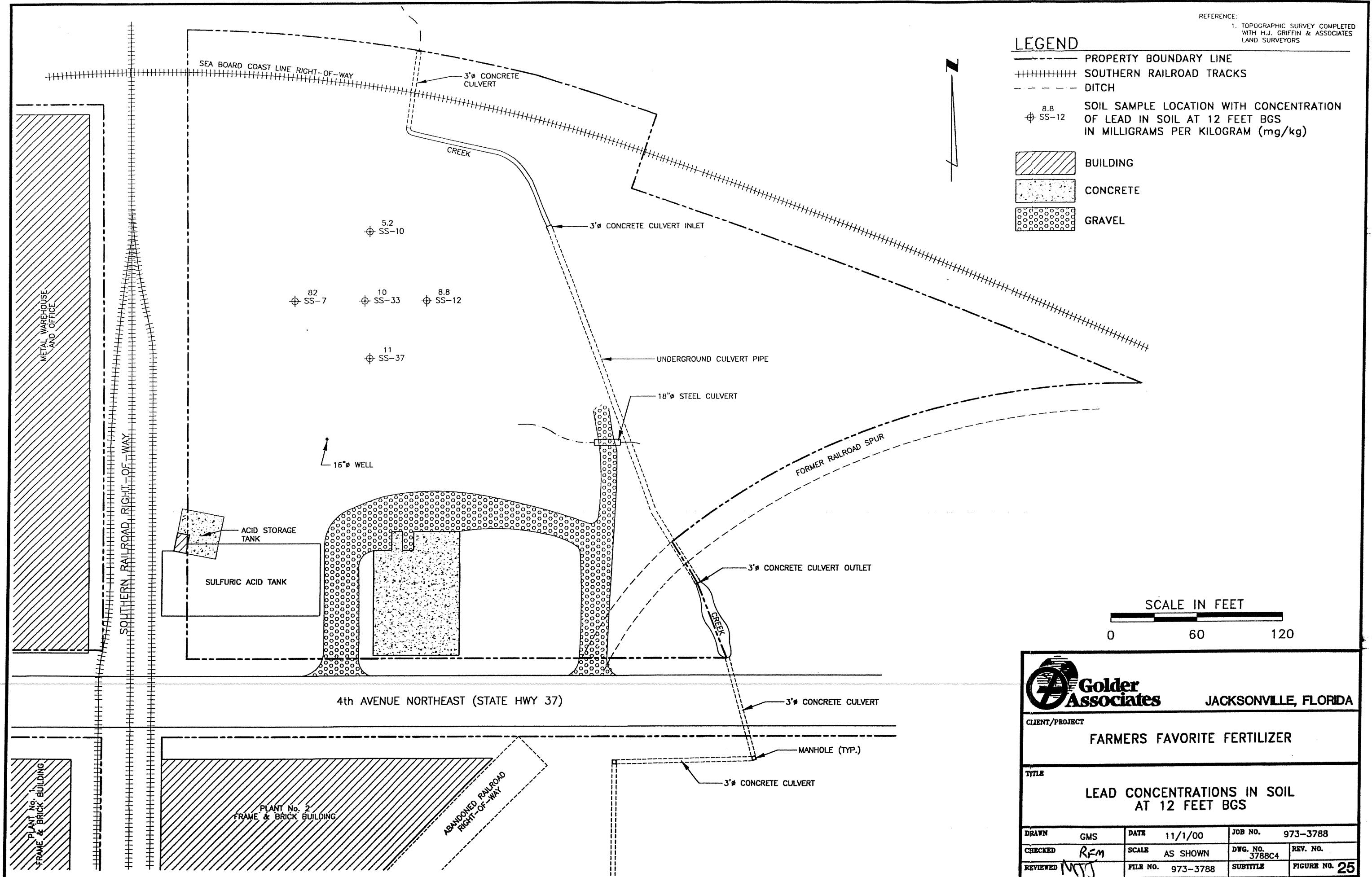
LEGEND

- PROPERTY BOUNDARY LINE
- +++++ SOUTHERN RAILROAD TRACKS
- - - - - DITCH
- ⊕³⁹ SS-18 SOIL SAMPLE LOCATION WITH CONCENTRATION OF LEAD IN SOIL AT 10 FEET BGS IN MILLIGRAMS PER KILOGRAM (mg/kg)
- - - - -127- DELINEATION LIMIT AND CORRECTIVE ACTION GOAL (127 mg/kg)
- [Hatched Box] BUILDING
- [Dotted Box] CONCRETE
- [Circular Pattern Box] GRAVEL

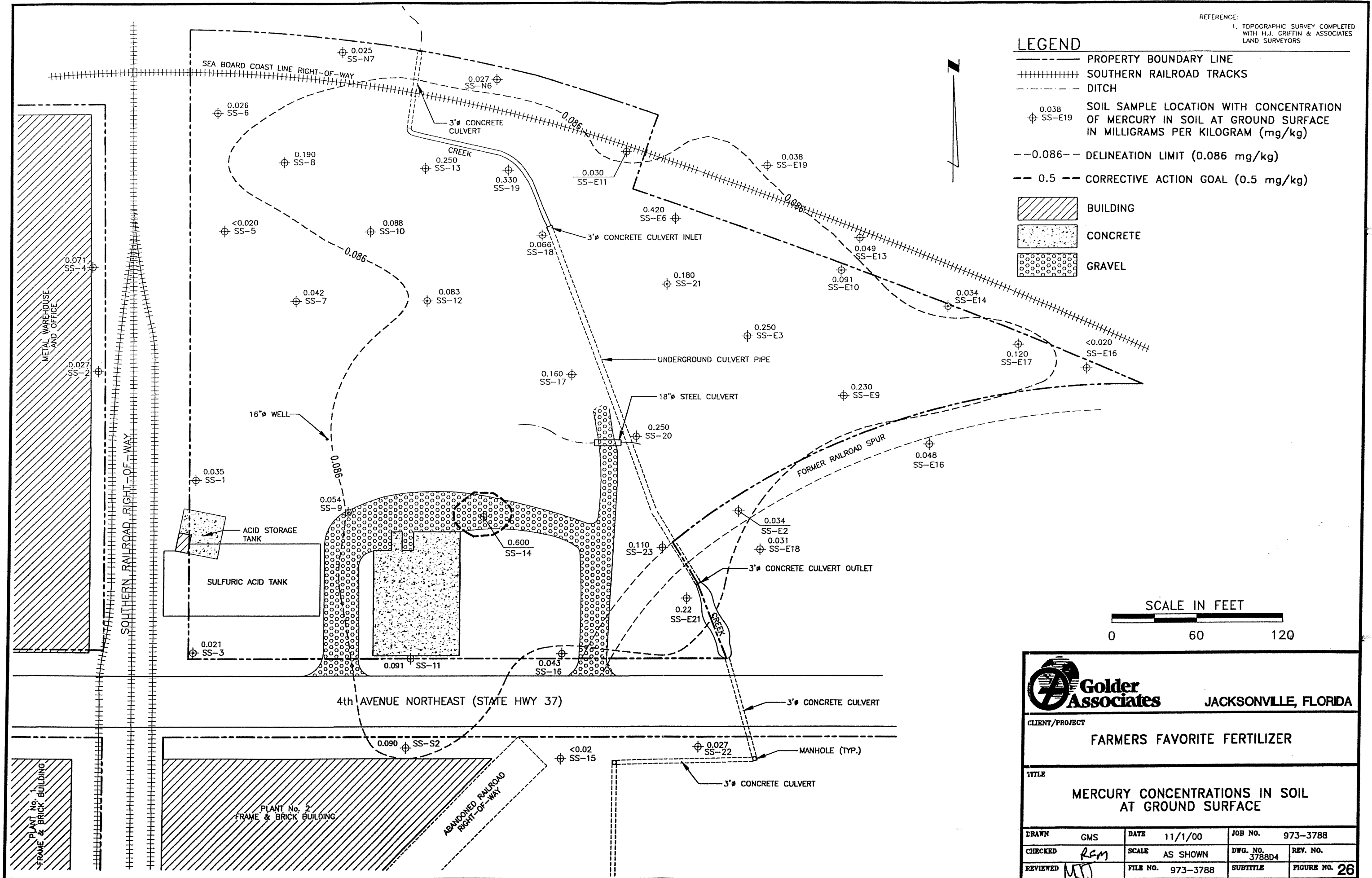


Golder Associates		JACKSONVILLE, FLORIDA			
CLIENT/PROJECT FARMERS FAVORITE FERTILIZER					
TITLE LEAD CONCENTRATIONS IN SOIL AT 10 FEET BGS					
DRAWN	GMS	DATE	11/1/00	JOB NO.	973-3788
CHECKED	RSM	SCALE	AS SHOWN	DWG. NO.	3788B4
REVIEWED	MJS	FILE NO.	973-3788	SUBTITLE	FIGURE NO. 24

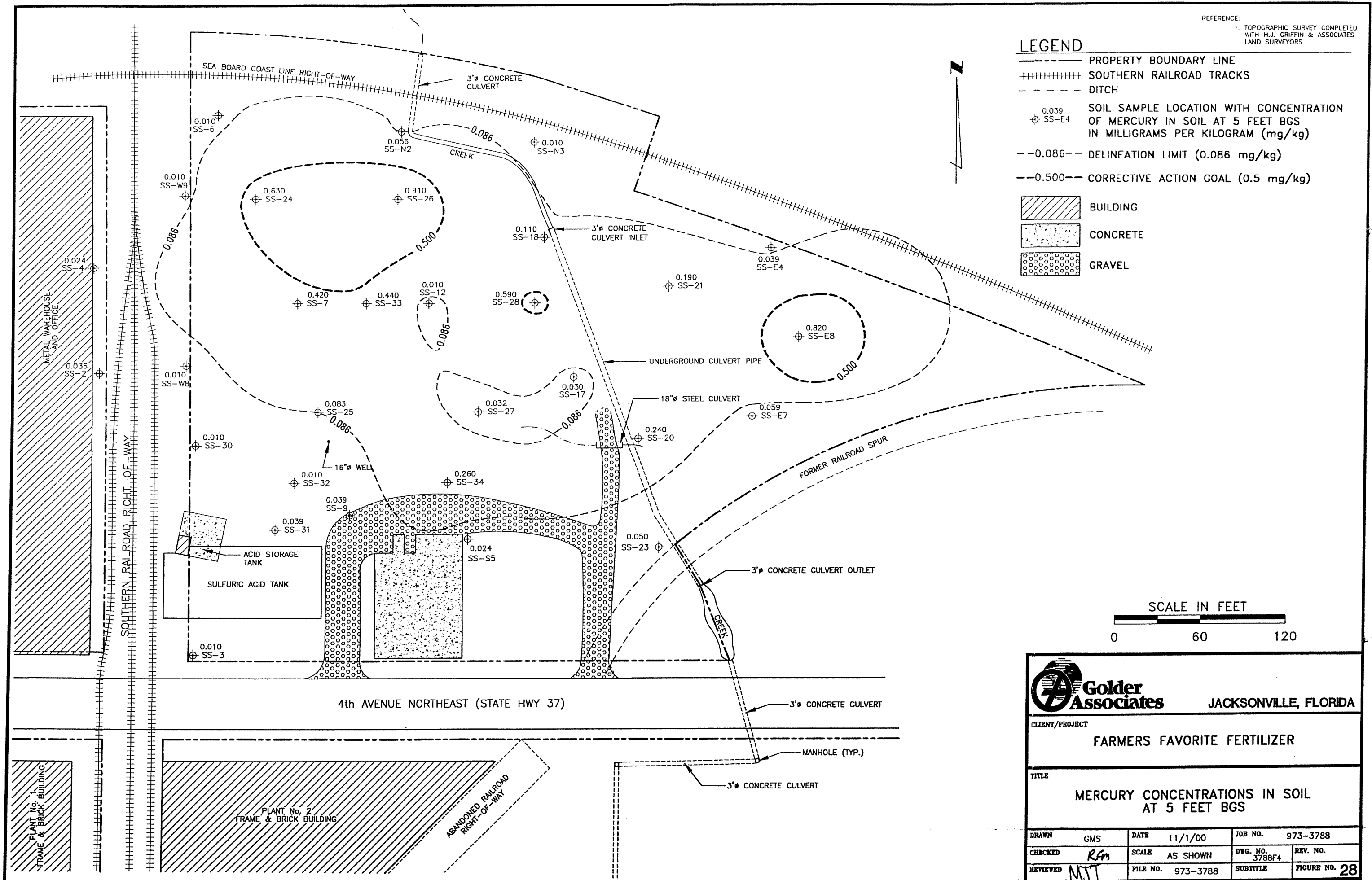
Figures F-1 (CSRAAdd2)



Figures F-1 (CSRAdd2)



Figures F-1 (CSRAdd2)



Golder Associates JACKSONVILLE, FLORIDA

CLIENT/PROJECT
FARMERS FAVORITE FERTILIZER

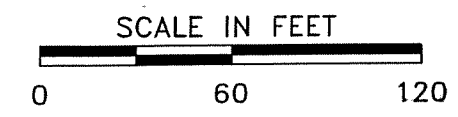
TITLE
MERCURY CONCENTRATIONS IN SOIL AT 5 FEET BGS

DRAWN	GMS	DATE	11/1/00	JOB NO.	973-3788
CHECKED	Rfm	SCALE	AS SHOWN	DWG. NO.	3788F4
REVIEWED	MTT	FILE NO.	973-3788	SUBTITLE	FIGURE NO. 28

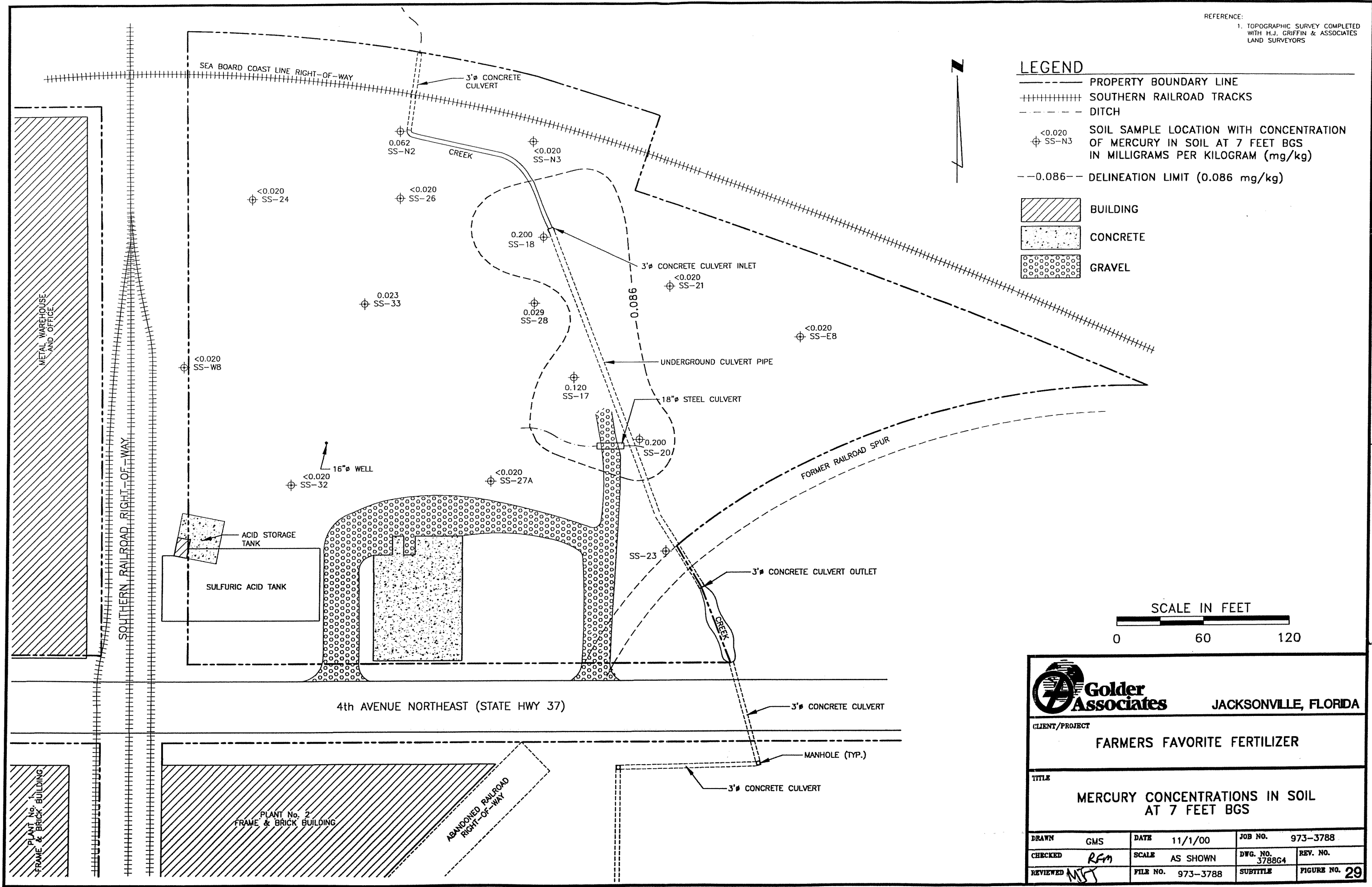
REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED
WITH H.J. GRIFFIN & ASSOCIATES
LAND SURVEYORS

LEGEND

- PROPERTY BOUNDARY LINE
- +++++ SOUTHERN RAILROAD TRACKS
- - - - - DITCH
- ⊕ <0.020 SS-N3 SOIL SAMPLE LOCATION WITH CONCENTRATION OF MERCURY IN SOIL AT 7 FEET BGS IN MILLIGRAMS PER KILOGRAM (mg/kg)
- - - - - 0.086 DELINEATION LIMIT (0.086 mg/kg)
- [Hatched Box] BUILDING
- [Dotted Box] CONCRETE
- [Circular Pattern Box] GRAVEL

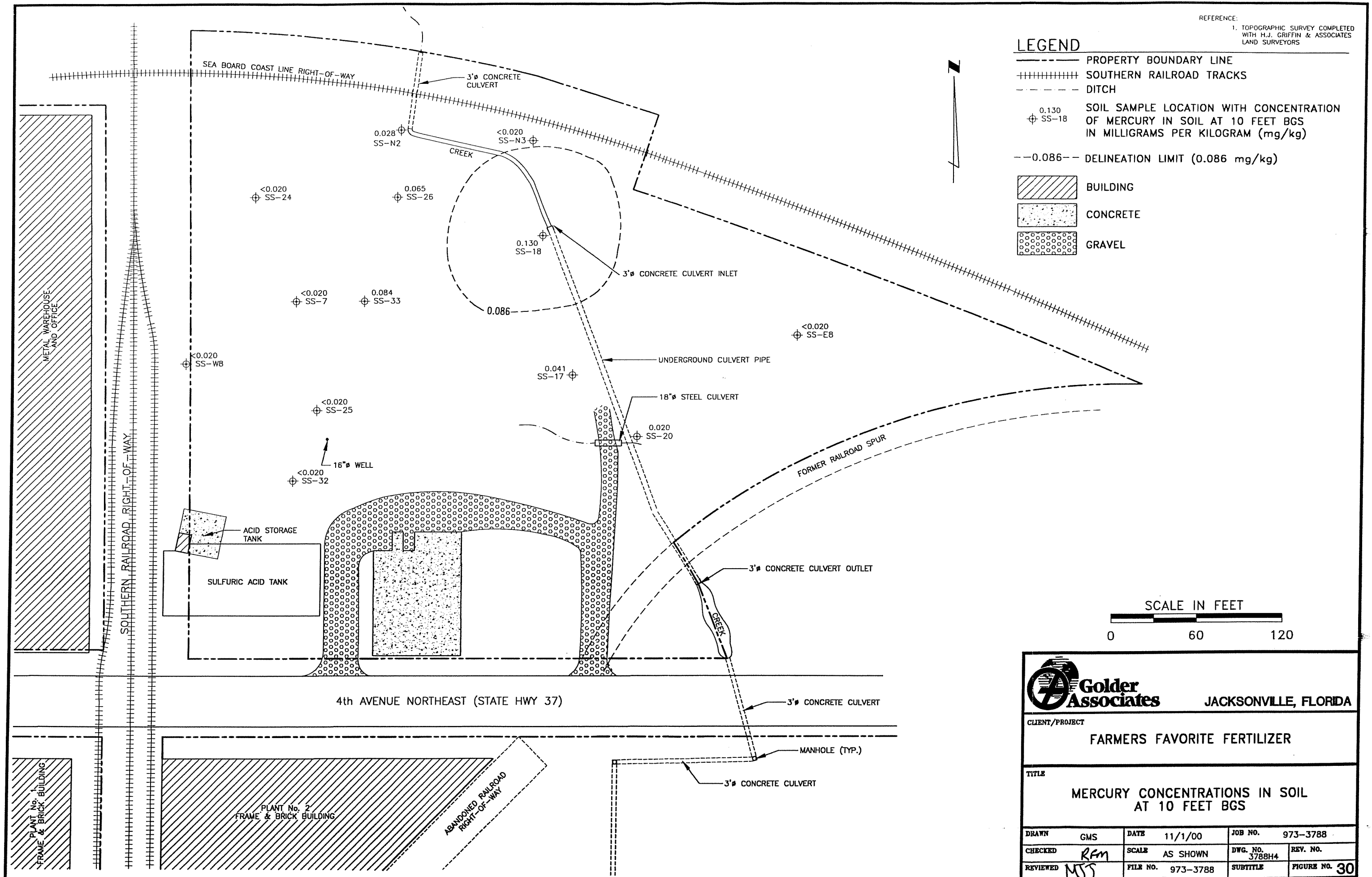


Figures F-1 (CSRAdd2)



		JACKSONVILLE, FLORIDA	
CLIENT/PROJECT			
FARMERS FAVORITE FERTILIZER			
TITLE			
MERCURY CONCENTRATIONS IN SOIL AT 7 FEET BGS			
DRAWN	GMS	DATE	11/1/00
CHECKED	Rfm	SCALE	AS SHOWN
REVIEWED	MST	FILE NO.	973-3788
JOB NO.	973-3788	DWG. NO.	3788G4
REV. NO.		SUBTITLE	FIGURE NO. 29

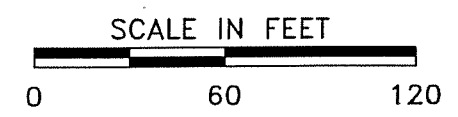
Figures F-1 (CSRAdd2)



REFERENCE:
1. TOPOGRAPHIC SURVEY COMPLETED WITH H.J. GRIFFIN & ASSOCIATES LAND SURVEYORS

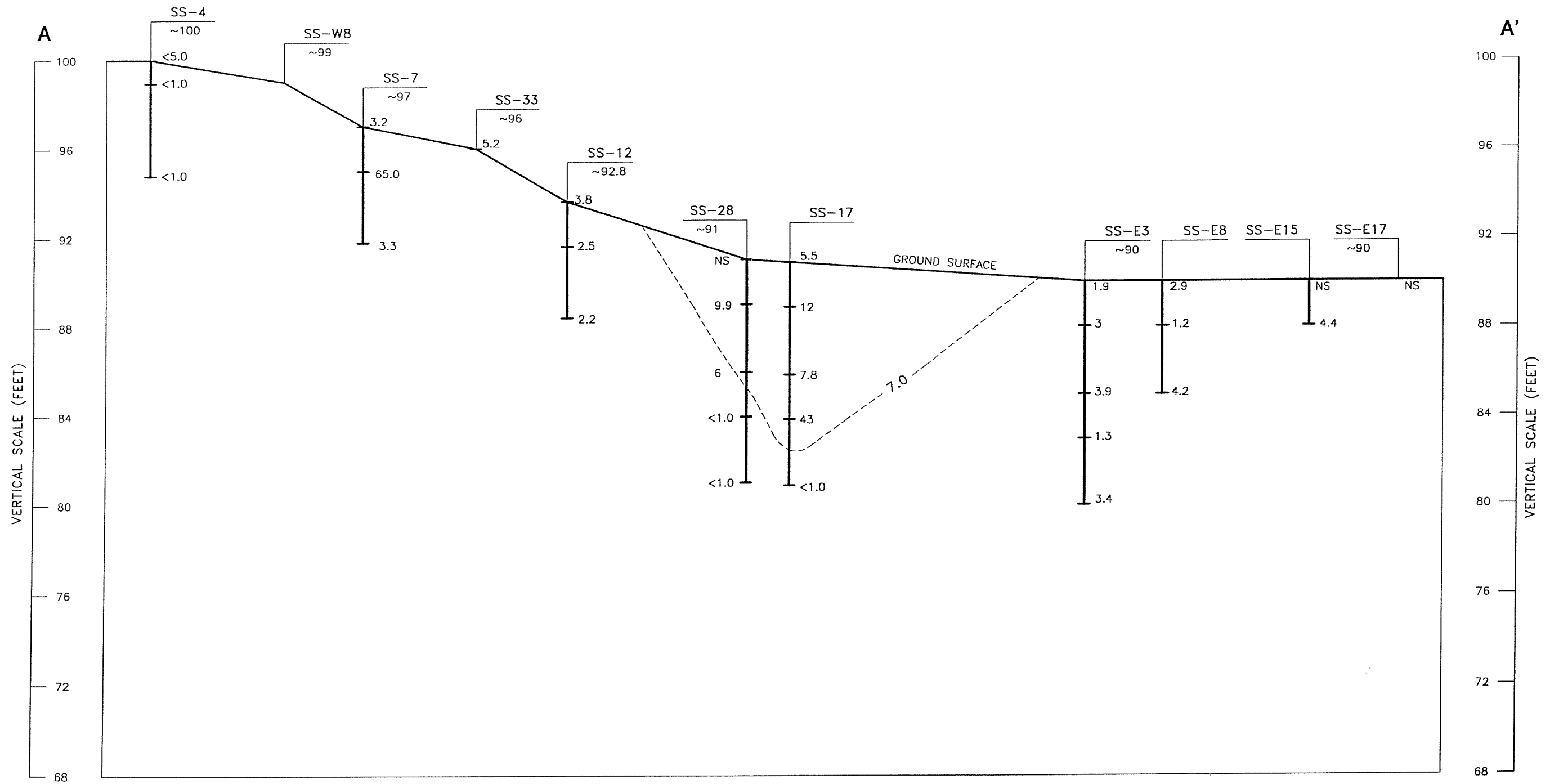
LEGEND

- PROPERTY BOUNDARY LINE
- +++++ SOUTHERN RAILROAD TRACKS
- - - - - DITCH
- ⊕ 0.130 SS-18 SOIL SAMPLE LOCATION WITH CONCENTRATION OF MERCURY IN SOIL AT 10 FEET BGS IN MILLIGRAMS PER KILOGRAM (mg/kg)
- - - - - 0.086-- DELINEATION LIMIT (0.086 mg/kg)
- [Hatched Box] BUILDING
- [Dotted Box] CONCRETE
- [Circular Pattern Box] GRAVEL



		JACKSONVILLE, FLORIDA	
CLIENT/PROJECT			
FARMERS FAVORITE FERTILIZER			
TITLE			
MERCURY CONCENTRATIONS IN SOIL AT 10 FEET BGS			
DRAWN	GMS	DATE	11/1/00
CHECKED	Rfm	SCALE	AS SHOWN
REVIEWED	NSS	FILE NO.	973-3788
JOB NO.		973-3788	
DWG. NO.		3788H4	
SUBTITLE		FIGURE NO. 30	

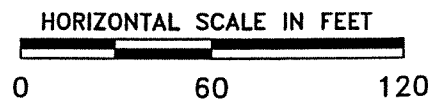
Figures F-1 (CSRAdd2)



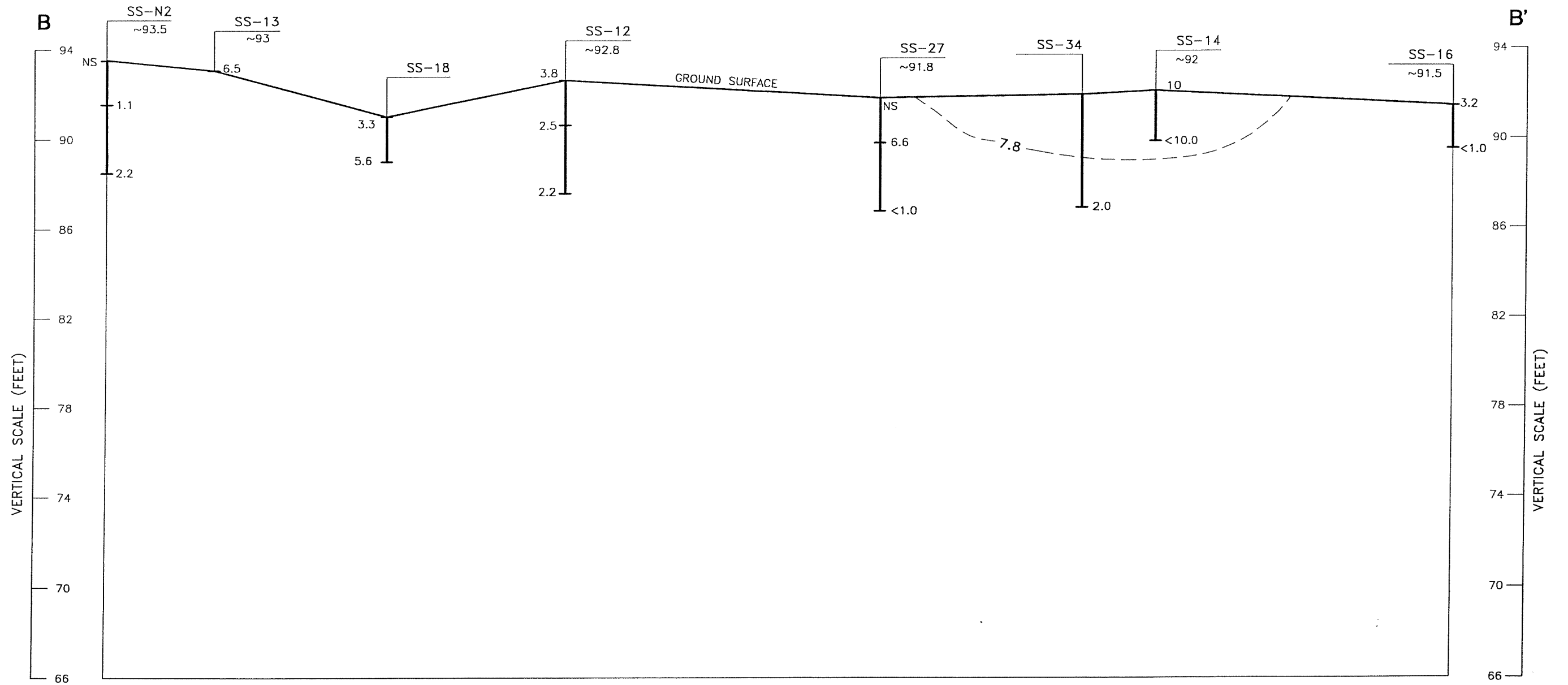
LEGEND

- 7.8--- DELINEATION AND CORRECTIVE ACTION CLEANUP GOAL (7.0 mg/kg) (DASHED WHERE INFERRED)
- SS-28 SOIL SAMPLE LOCATION
- ~91 APPROXIMATE GROUND SURFACE ELEVATION (FEET)
- 31 ARSENIC CONCENTRATION IN SOIL (mg/kg)

NOTES:
 1. mg/kg = MILLIGRAMS PER KILOGRAM.
 2. NS = NOT SAMPLED



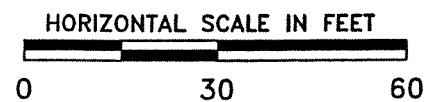
	JACKSONVILLE, FLORIDA		TITLE A-A' VERTICAL EXTENT OF ARSENIC IN SOIL		
	CLIENT/PROJECT FARMERS FAVORITE FERTILIZER		DRAWN GMS	DATE 11/1/00	JOB NO. 973-3788
		CHECKED <i>Rem</i>	SCALE AS SHOWN	DWG. NO. 3788i4	REV. NO.
		REVIEWED <i>MJS</i>	FILE NO. 973-3788	SUBTITLE	FIGURE NO. 31



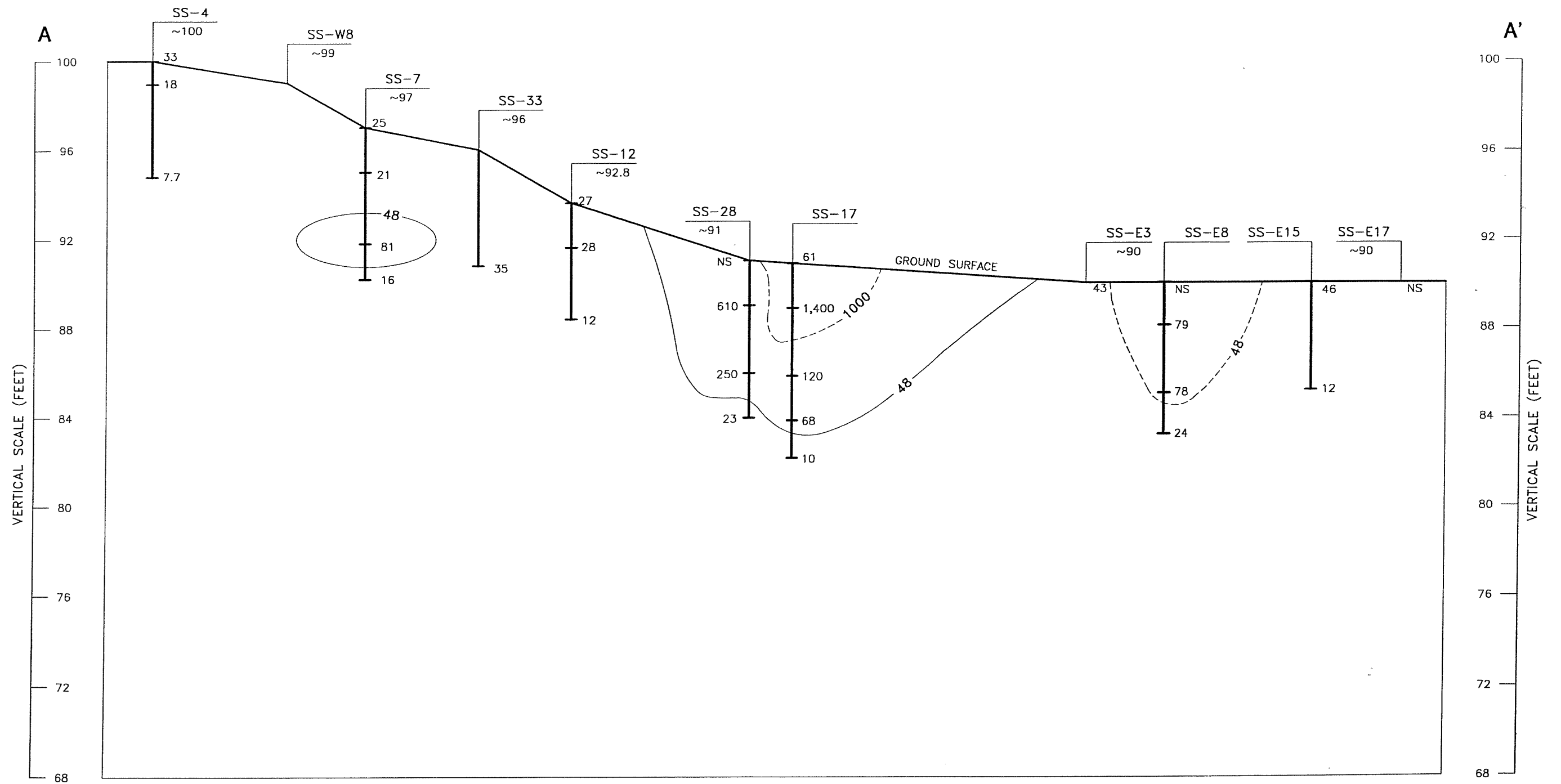
LEGEND

- 7.8-- DELINEATION AND CORRECTIVE ACTION CLEANUP GOAL (7.8 mg/kg) (DASHED WHERE INFERRED)
- SS-28 SOIL SAMPLE LOCATION
- ~91 APPROXIMATE GROUND SURFACE ELEVATION (FEET)
- 31 ARSENIC CONCENTRATION IN SOIL (mg/kg)

NOTES:
 1. mg/kg = MILLIGRAMS PER KILOGRAM.
 2. NS = NOT SAMPLED



	JACKSONVILLE, FLORIDA			TITLE B-B' VERTICAL EXTENT OF ARSENIC IN SOIL	
	CLIENT/PROJECT FARMERS FAVORITE FERTILIZER	DRAWN GMS	DATE 11/1/00	JOB NO. 973-3788	CHECKED BEM
	REVIEWED MD	FILE NO. 973-3788	DWG. NO. 3788J4	REV. NO.	SUBTITLE FIGURE NO. 32

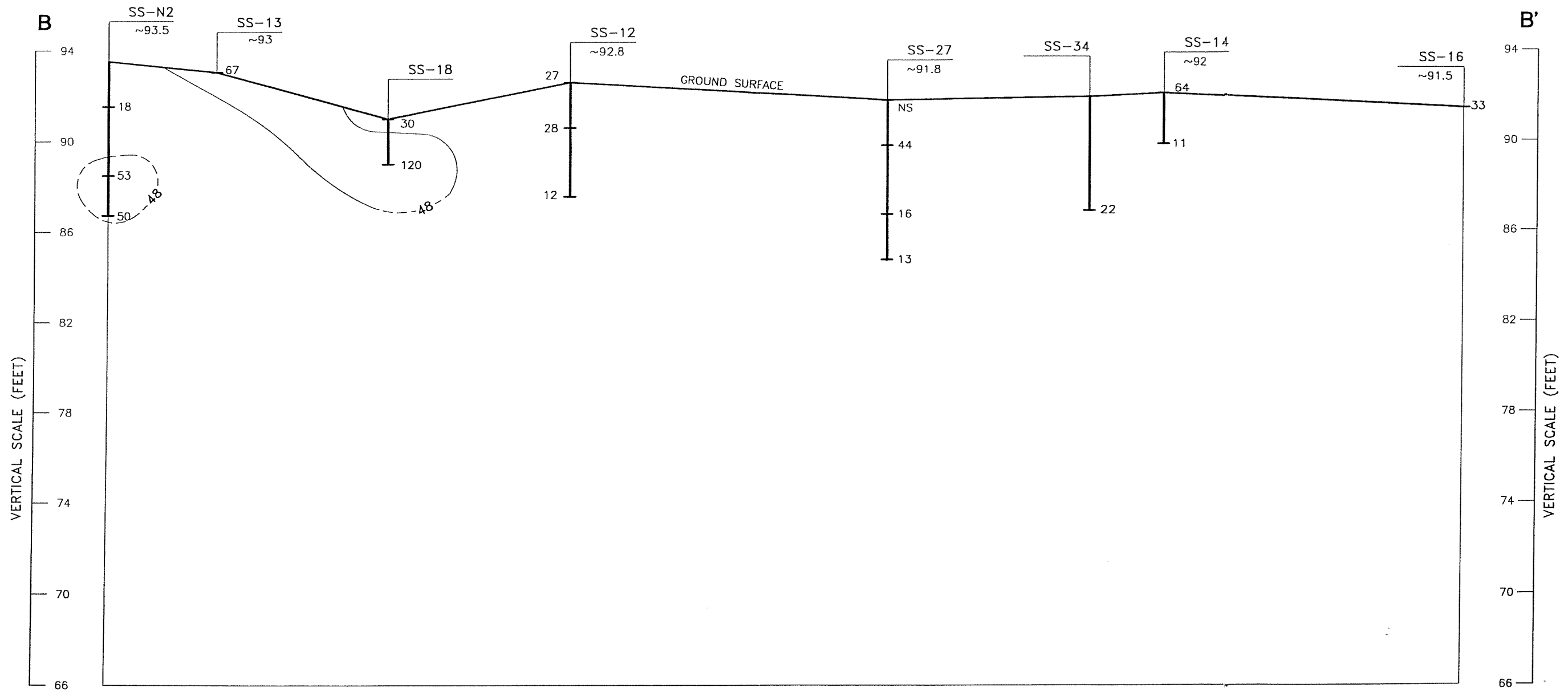


LEGEND

- 48 --- DELINEATION LIMIT (48 mg/kg)
(DASHED WHERE INFERRED)
- 1000 --- CORRECTIVE ACTION CLEANUP GOAL
(1000 mg/kg)
(DASHED WHERE INFERRED)
- SS-28 SOIL SAMPLE LOCATION
- ~91 APPROXIMATE GROUND SURFACE ELEVATION (FEET)
- 12 BARIUM CONCENTRATION IN SOIL (mg/kg)

NOTES:
 1. mg/kg = MILLIGRAMS PER KILOGRAM.
 2. NS = NOT SAMPLED

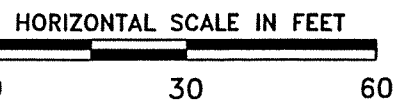
<p>Golder Associates JACKSONVILLE, FLORIDA</p>	<p>TITLE A-A' VERTICAL EXTENT OF BARIUM IN SOIL</p>			
	<p>CLIENT/PROJECT FARMERS FAVORITE FERTILIZER</p>	<p>DRAWN GMS</p>	<p>DATE 11/1/00</p>	<p>JOB NO. 973-3788</p>
	<p>CHECKED <i>REM</i></p>	<p>SCALE AS SHOWN</p>	<p>DWG. NO. 3788K4</p>	<p>REV. NO.</p>
	<p>REVIEWED <i>MS</i></p>	<p>FILE NO. 973-3788</p>	<p>SUBTITLE</p>	<p>FIGURE NO. 33</p>



LEGEND

- 48 -- DELINEATION LIMIT (48 mg/kg)
(DASHED WHERE INFERRED)
- SS-28 SOIL SAMPLE LOCATION
- ~91 APPROXIMATE GROUND SURFACE ELEVATION (FEET)
- 12 BARIUM CONCENTRATION IN SOIL (mg/kg)

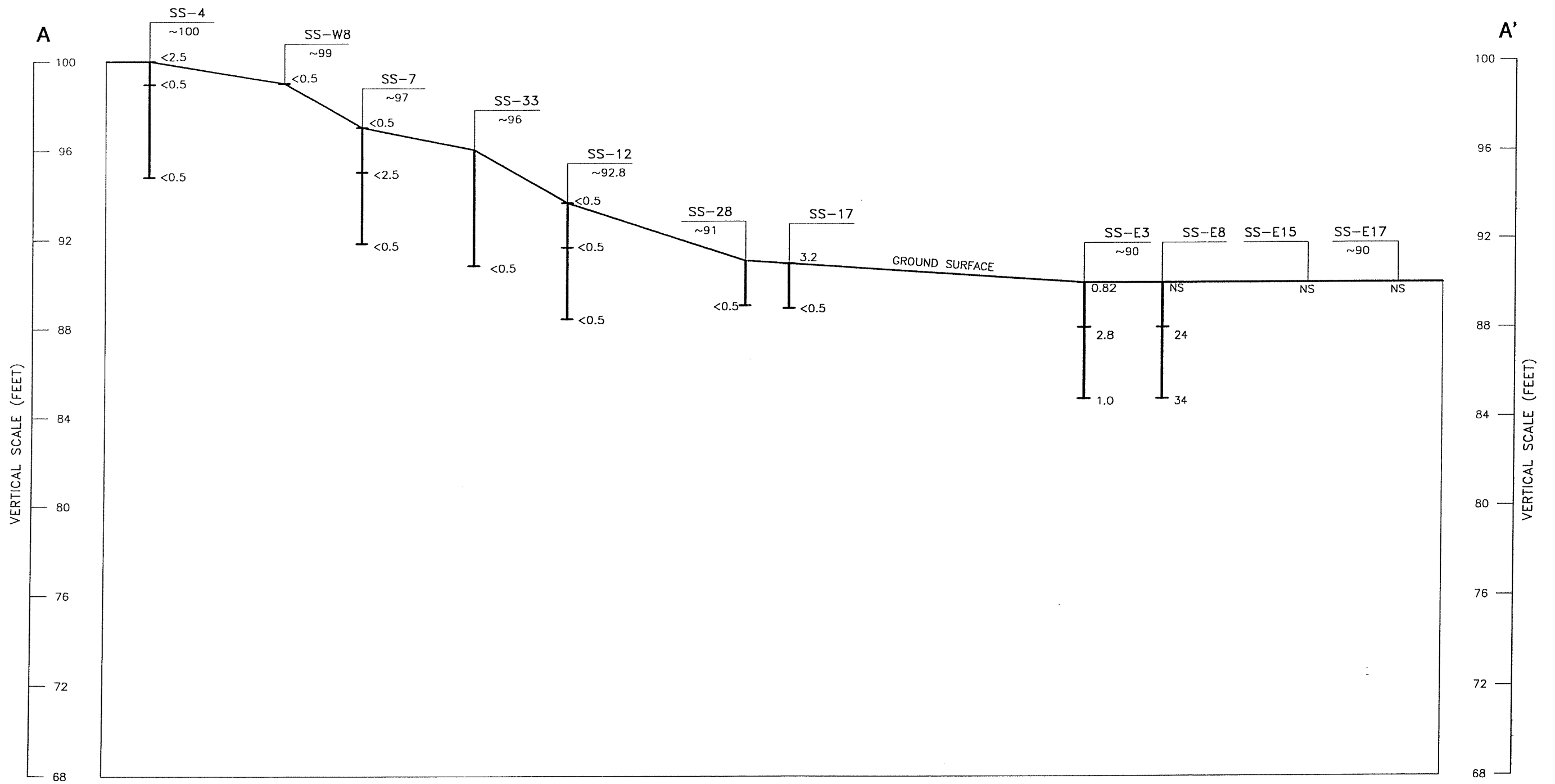
NOTES:
 1. mg/kg = MILLIGRAMS PER KILOGRAM.
 2. NS = NOT SAMPLED



Golder Associates JACKSONVILLE, FLORIDA

CLIENT/PROJECT: FARMERS FAVORITE FERTILIZER

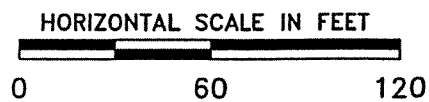
TITLE: B-B' VERTICAL EXTENT OF BARIUM IN SOIL			
DRAWN: GMS	DATE: 11/1/00	JOB NO. 973-3788	
CHECKED: Rfm	SCALE: AS SHOWN	DWG. NO. 378BL4	REV. NO.
REVIEWED: NTS	FILE NO. 973-3788	SUBTITLE	FIGURE NO. 34



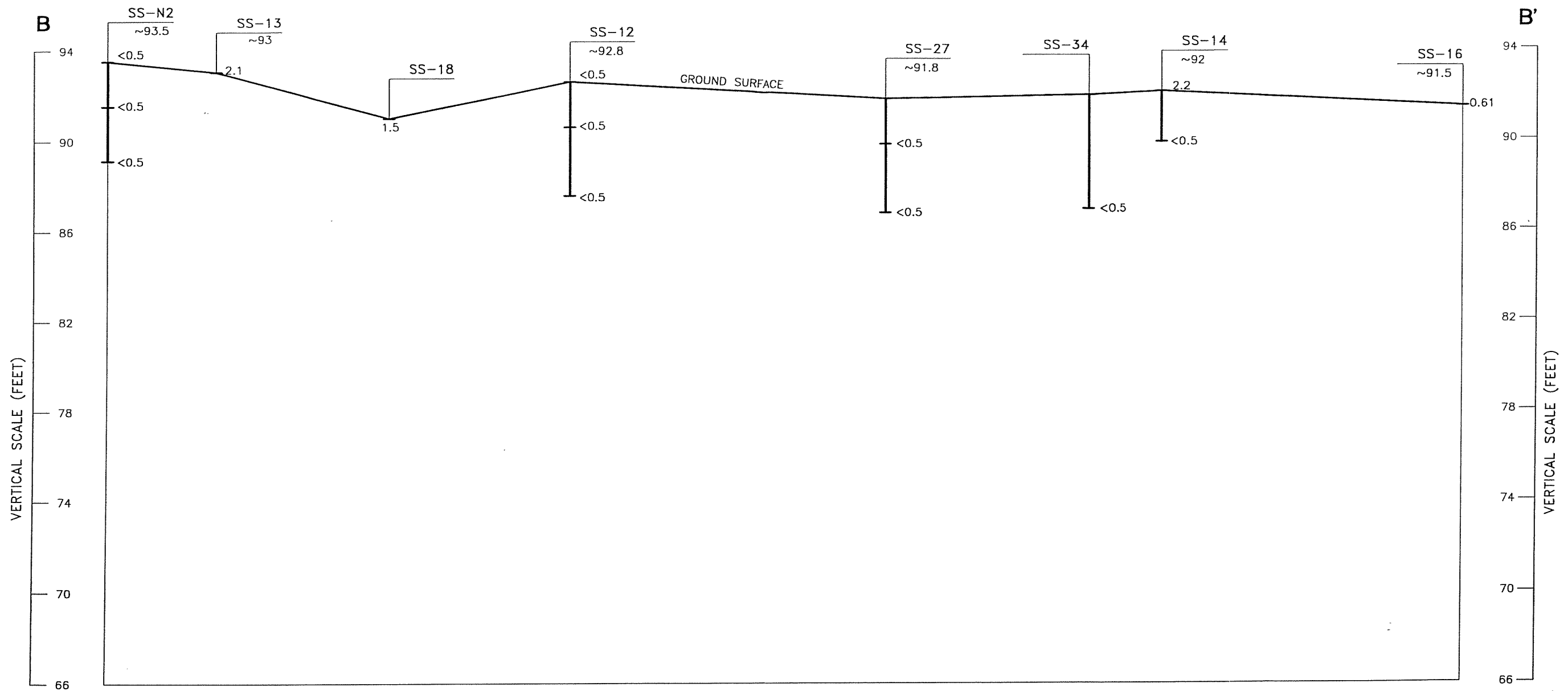
LEGEND

- 5.4 — ISOCONCENTRATION LINE (DELINEATION LIMIT AND CORRECTIVE ACTION CLEANUP GOAL = 5.4 ug/kg)
- SS-28 SOIL SAMPLE LOCATION
- ~91 APPROXIMATE GROUND SURFACE ELEVATION (FEET)
- 12 CADMIUM CONCENTRATION IN SOIL (mg/kg)

NOTES:
 1. mg/kg = MILLIGRAMS PER KILOGRAM.
 2. NS = NOT SAMPLED



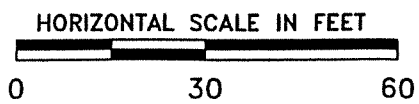
Golder Associates JACKSONVILLE, FLORIDA	TITLE			
	A-A' VERTICAL EXTENT OF CADMIUM IN SOIL			
CLIENT/PROJECT	DRAWN	DATE	JOB NO.	
FARMERS FAVORITE FERTILIZER	GMS	11/2/00	973-3788	
	CHECKED	SCALE	DWG. NO.	REV. NO.
	RAM	AS SHOWN	3788M4	
	REVIEWED	FILE NO.	SUBTITLE	FIGURE NO.
	MTJ	973-3788		35



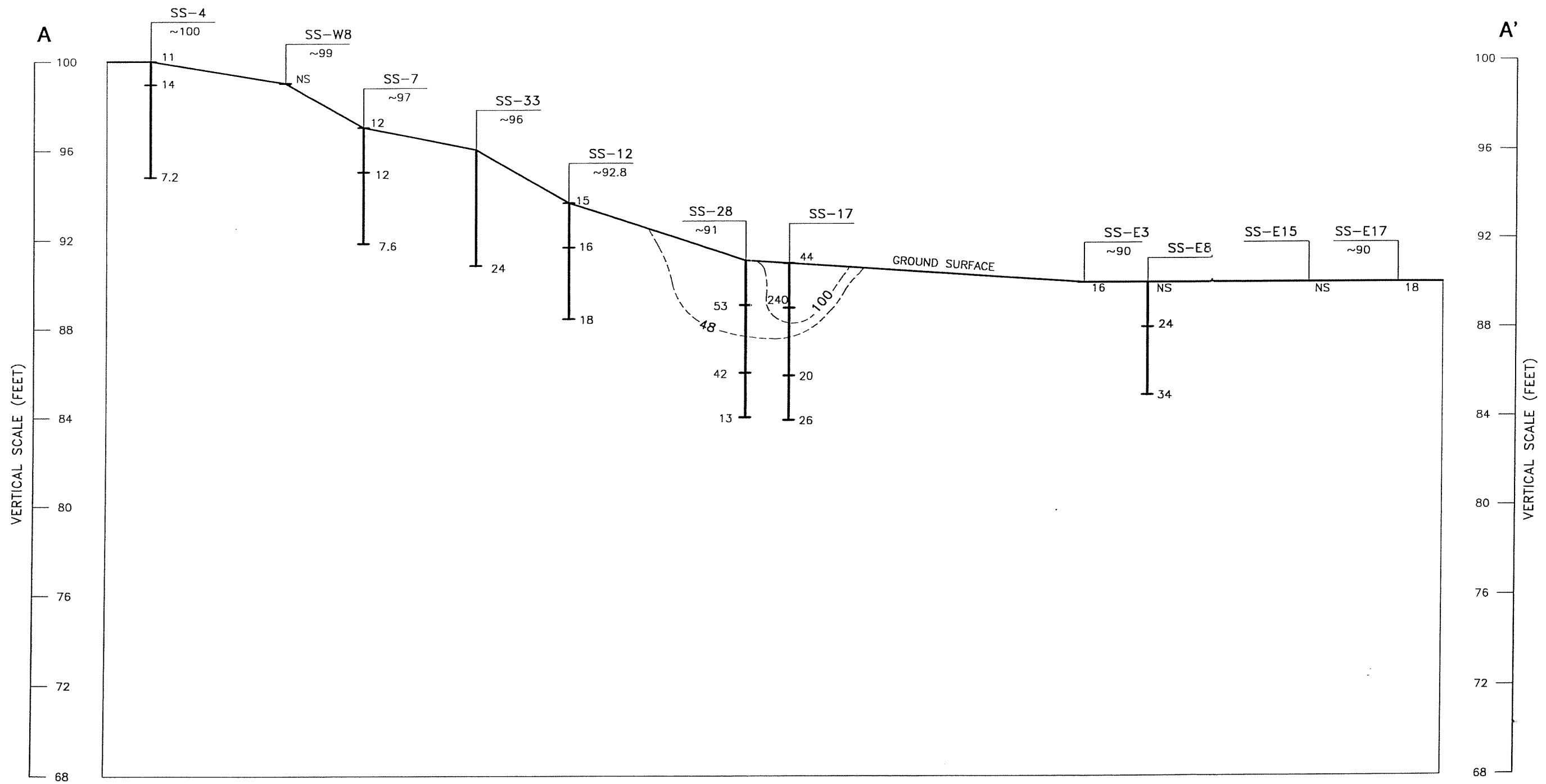
NOTES:
 1. mg/kg = MILLIGRAMS PER KILOGRAM.
 2. NS = NOT SAMPLED

LEGEND

SS-28	SOIL SAMPLE LOCATION
~91	APPROXIMATE GROUND SURFACE ELEVATION (FEET)
→31	CADMIUM CONCENTRATION IN SOIL (mg/kg)



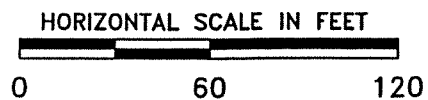
Golder Associates JACKSONVILLE, FLORIDA	TITLE B-B' VERTICAL EXTENT OF CADMIUM IN SOIL			
	CLIENT/PROJECT	DRAWN	DATE	JOB NO.
FARMERS FAVORITE FERTILIZER	GMS	11/2/00	973-3788	
	CHECKED	SCALE	DWG. NO.	REV. NO.
	BFM	AS SHOWN	3788N4	
	REVIEWED	FILE NO.	SUBTITLE	FIGURE NO.
	MSS	973-3788		36



LEGEND

- 100--- CORRECTIVE ACTION CLEANUP GOAL (100 ug/kg)
- 48--- DELINEATION LIMIT (48 mg/kg)
- SS-28 SOIL SAMPLE LOCATION
- ~91 APPROXIMATE GROUND SURFACE ELEVATION (FEET)
- 31 CHROMIUM CONCENTRATION IN SOIL (mg/kg)

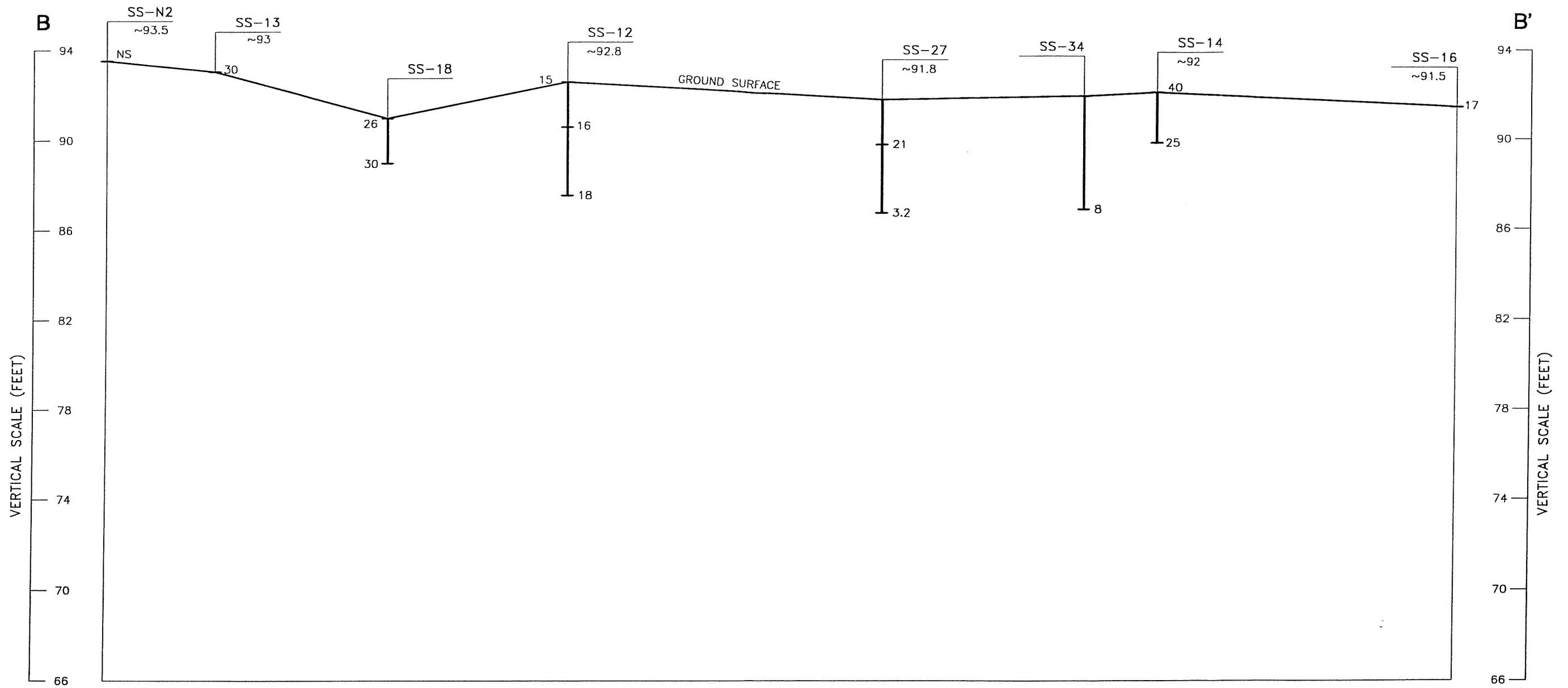
NOTES:
 1. mg/kg = MILLIGRAMS PER KILOGRAM.
 2. NS = NOT SAMPLED



Golder Associates JACKSONVILLE, FLORIDA

CLIENT/PROJECT: FARMERS FAVORITE FERTILIZER

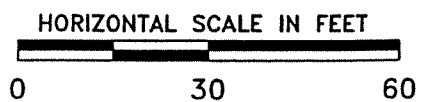
TITLE: A-A' VERTICAL EXTENT OF CHROMIUM IN SOIL			
DRAWN	GMS	DATE	11/2/00
CHECKED	<i>RGM</i>	SCALE	AS SHOWN
REVIEWED	<i>MJ</i>	FILE NO.	973-3788
JOB NO.	973-3788	DWG. NO.	378804
REV. NO.		SUBTITLE	FIGURE NO. 37



NOTES:
 1. mg/kg = MILLIGRAMS PER KILOGRAM.
 2. NS = NOT SAMPLED

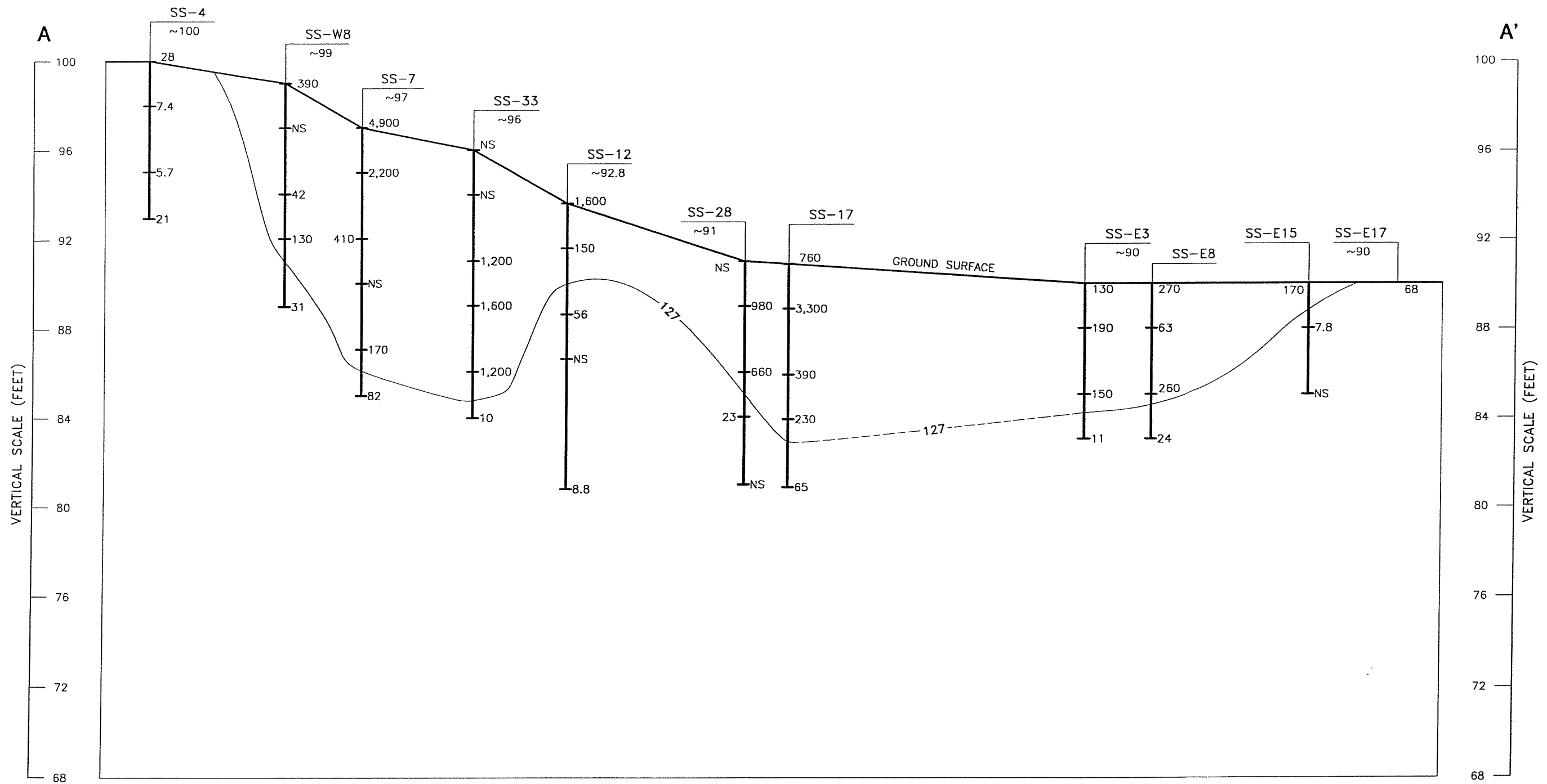
LEGEND

SS-28	SOIL SAMPLE LOCATION
~91	APPROXIMATE GROUND SURFACE ELEVATION (FEET)
—31	CHROMIUM CONCENTRATION IN SOIL (mg/kg)



<p>Golder Associates JACKSONVILLE, FLORIDA</p>	TITLE B-B' VERTICAL EXTENT OF CHROMIUM IN SOIL			
	CLIENT/PROJECT FARMERS FAVORITE FERTILIZER	DRAWN GMS	DATE 11/2/00	JOB NO. 973-3788
	CHECKED BFM	SCALE AS SHOWN	DWG. NO. 3788P4	REV. NO.
	REVIEWED MTD	FILE NO. 973-3788	SUBTITLE	FIGURE NO. 38

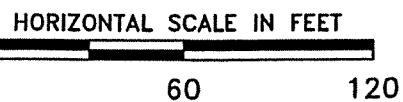
Figures F-1 (CSRAdd2)



LEGEND

- 127— DELINEATION AND CORRECTIVE ACTION CLEANUP GOAL (127 mg/kg) (DASHED WHERE INFERRED)
- SS-28 SOIL SAMPLE LOCATION
- ~91 APPROXIMATE GROUND SURFACE ELEVATION (FEET)
- 31 LEAD CONCENTRATION IN SOIL (mg/kg)

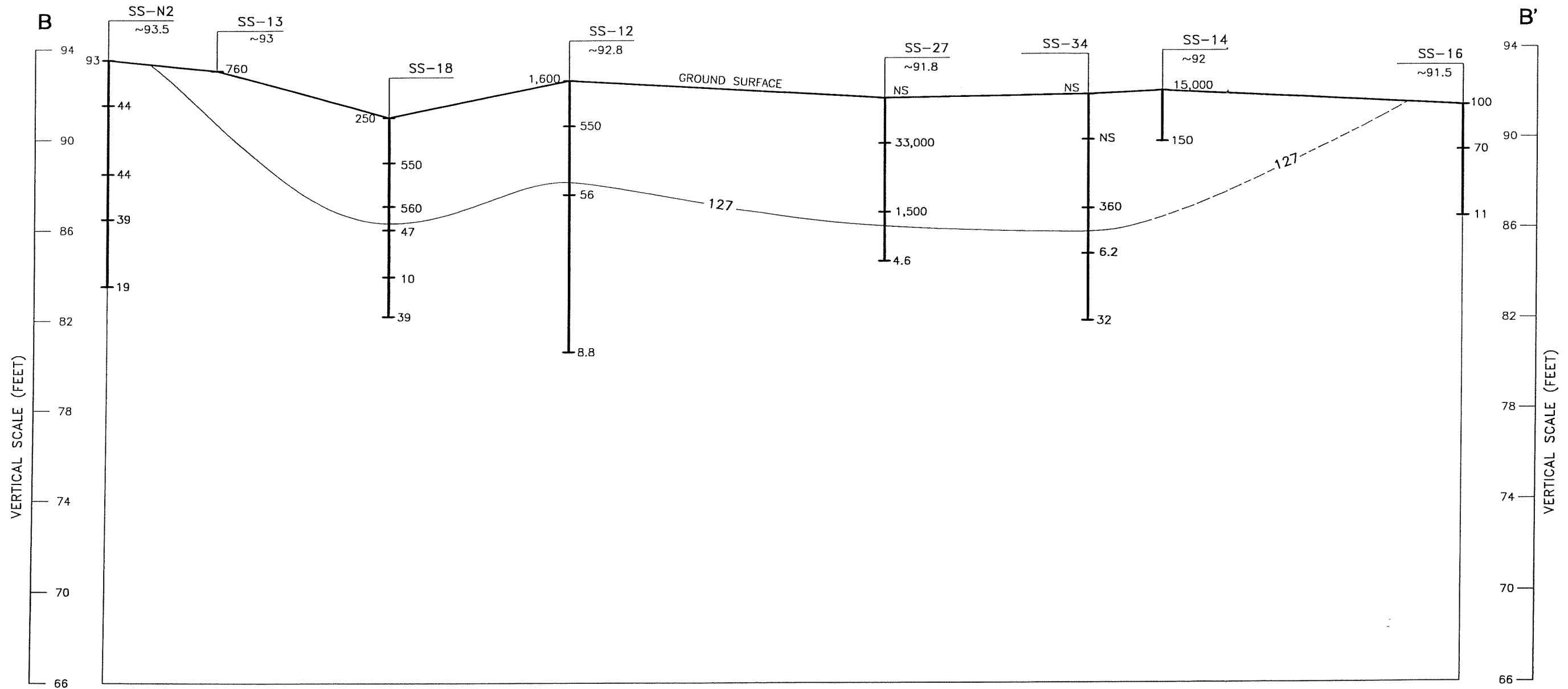
NOTES:
 1. mg/kg = MILLIGRAMS PER KILOGRAM.
 2. NS = NOT SAMPLED



Golder Associates JACKSONVILLE, FLORIDA

CLIENT/PROJECT: FARMERS FAVORITE FERTILIZER

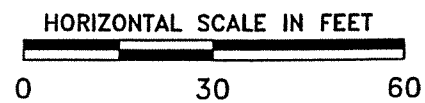
TITLE: A-A' VERTICAL EXTENT OF LEAD IN SOIL				
DRAWN	GMS	DATE	11/2/00	JOB NO. 973-3788
CHECKED	RFM	SCALE	AS SHOWN	DWG. NO. 3788Q4
REVIEWED	MST	FILE NO.	973-3788	SUBTITLE
				REV. NO. FIGURE NO. 39



LEGEND

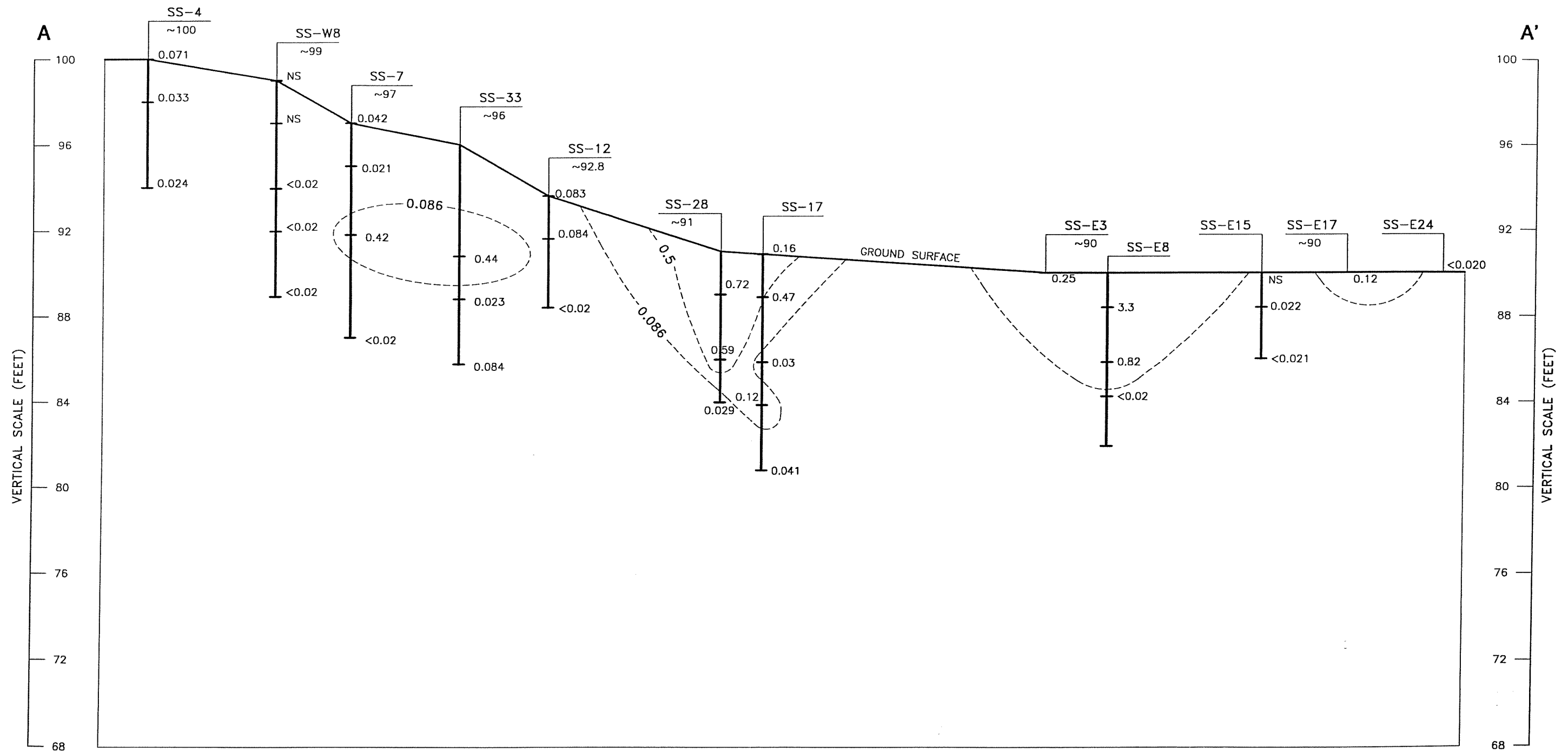
- 127— DELINEATION AND CORRECTIVE ACTION CLEANUP GOAL (127 mg/kg) (DASHED WHERE INFERRED)
- SS-W2 SOIL SAMPLE LOCATION
- ~93.5 APPROXIMATE GROUND SURFACE ELEVATION (FEET)
- 39 LEAD CONCENTRATION IN SOIL (mg/kg)

NOTES:
 1. mg/kg = MILLIGRAMS PER KILOGRAM.
 2. NS = NOT SAMPLED



Golder Associates JACKSONVILLE, FLORIDA	TITLE B-B' VERTICAL EXTENT OF LEAD IN SOIL			
	CLIENT/PROJECT FARMERS FAVORITE FERTILIZER	DRAWN GMS	DATE 11/2/00	JOB NO. 973-3788
	CHECKED RAM	SCALE AS SHOWN	DWG. NO. 3788R4	REV. NO.
	REVIEWED MSS	FILE NO. 973-3788	SUBTITLE	FIGURE NO. 40

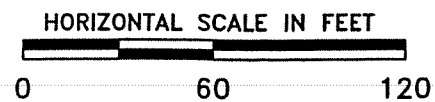
Figures F-1 (CSRAdd2)



LEGEND

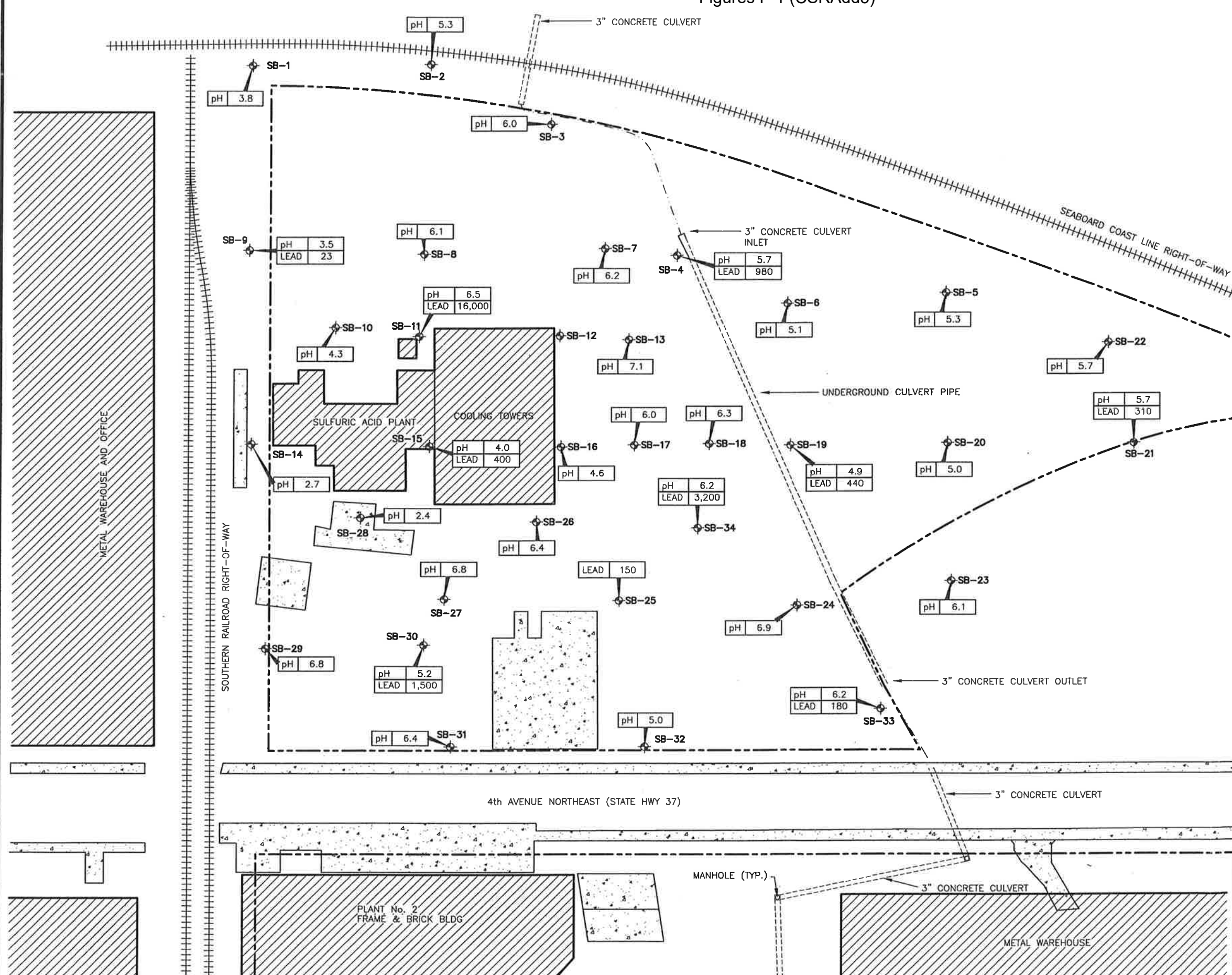
- 0.5--- CORRECTIVE ACTION CLEANUP GOAL (0.5 ug/kg)
- 0.086-- DELINEATION LIMIT (0.086 kg/mg)
- SS-28 SOIL SAMPLE LOCATION
- ~91 APPROXIMATE GROUND SURFACE ELEVATION (FEET)
- 31 MERCURY CONCENTRATION IN SOIL (mg/kg)

NOTES:
 1. mg/kg = MILLIGRAMS PER KILOGRAM.
 2. NS = NOT SAMPLED



	JACKSONVILLE, FLORIDA		TITLE A-A' VERTICAL EXTENT OF MERCURY IN SOIL		
	CLIENT/PROJECT FARMERS FAVORITE FERTILIZER		DRAWN GMS	DATE 11/8/00	JOB NO. 973-3788
		CHECKED <i>Rem</i>	SCALE AS SHOWN	DWG. NO. 3788S4	REV. NO.
		REVIEWED <i>MJS</i>	FILE NO. 973-3788	SUBTITLE	FIGURE NO. 41

Figures F-1 (CSRAdd3)



LEGEND

- BUILDING
- CONCRETE
- PROPERTY BOUNDARY
- RAILROAD TRACKS
- UNNAMED CREEK
- SOIL BORING LOCATION

NOTES

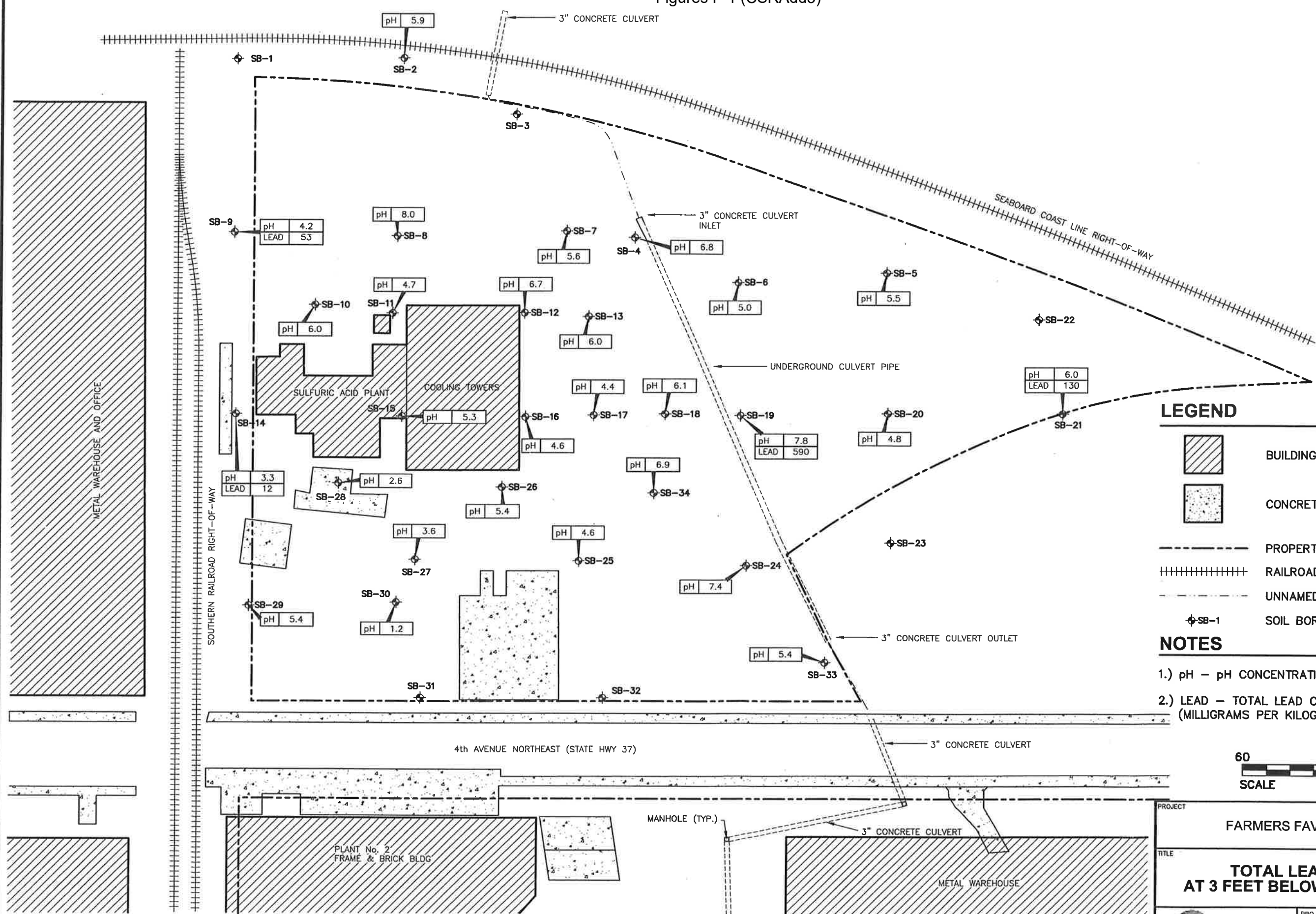
- 1.) pH - pH CONCENTRATION (pH UNITS).
- 2.) LEAD - TOTAL LEAD CONCENTRATION (MILLIGRAMS PER KILOGRAMS).






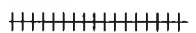


PROJECT		FARMERS FAVORITE FERTILIZER	
TITLE		TOTAL LEAD AND SOIL pH AT 1 FOOT BELOW GROUND SURFACE	
PROJECT No.	973-3788	FILE No.	378BV5
DESIGN		SCALE	AS SHOWN
CADD	GMS	5/16/02	REV. 1
CHECK	om	7/12/02	
REVIEW	RPM	7/12/02	
Golder Associates Jacksonville, Florida		1	

Drawing file: 378BV5.dwg May 16, 2002 - 9:59am

Figures F-1 (CSRAdd3)

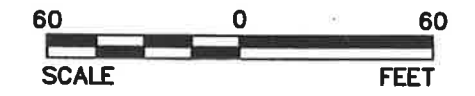



LEGEND

-  BUILDING
-  CONCRETE
-  PROPERTY BOUNDARY
-  RAILROAD TRACKS
-  UNNAMED CREEK
-  SOIL BORING LOCATION

NOTES

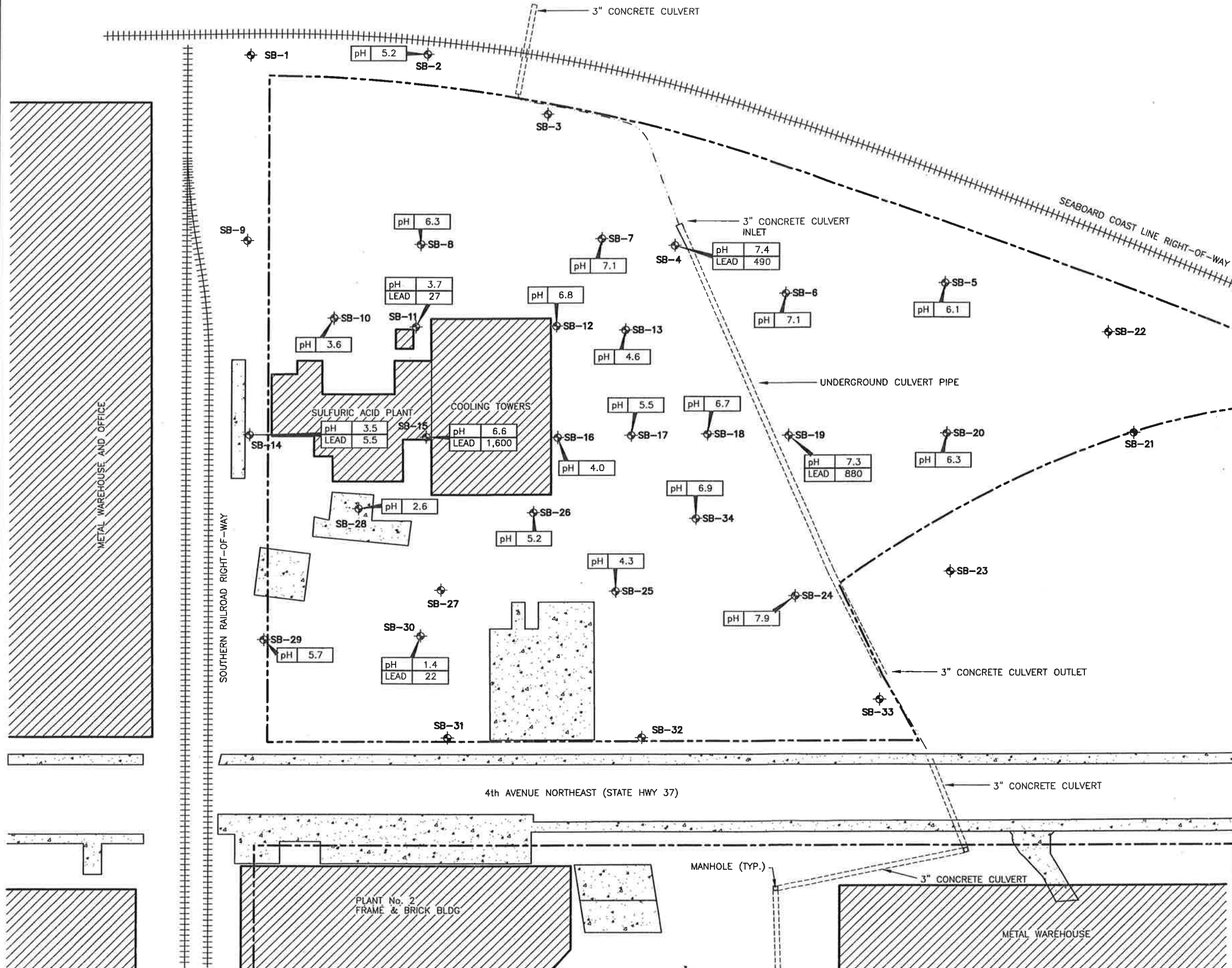
- 1.) pH - pH CONCENTRATION (pH UNITS).
- 2.) LEAD - TOTAL LEAD CONCENTRATION (MILLIGRAMS PER KILOGRAMS).









PROJECT		FARMERS FAVORITE FERTILIZER	
TITLE		TOTAL LEAD AND SOIL pH AT 3 FEET BELOW GROUND SURFACE	
PROJECT No.	973-3788	FILE No.	3788W5
DESIGN		SCALE	AS SHOWN REV. 1
CADD	GMS 5/16/02		
CHECK	km 7/12/02		
REVIEW	km 7/12/02		
 Golder Associates Jacksonville, Florida		2	

Drawing file: 3788W5.dwg May 16, 2002 - 10:00am

Figures F-1 (CSRAdd3)

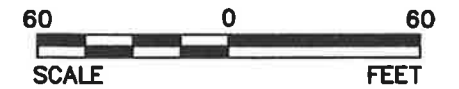



LEGEND

-  BUILDING
-  CONCRETE
-  PROPERTY BOUNDARY
-  RAILROAD TRACKS
-  UNNAMED CREEK
-  SB-1 SOIL BORING LOCATION

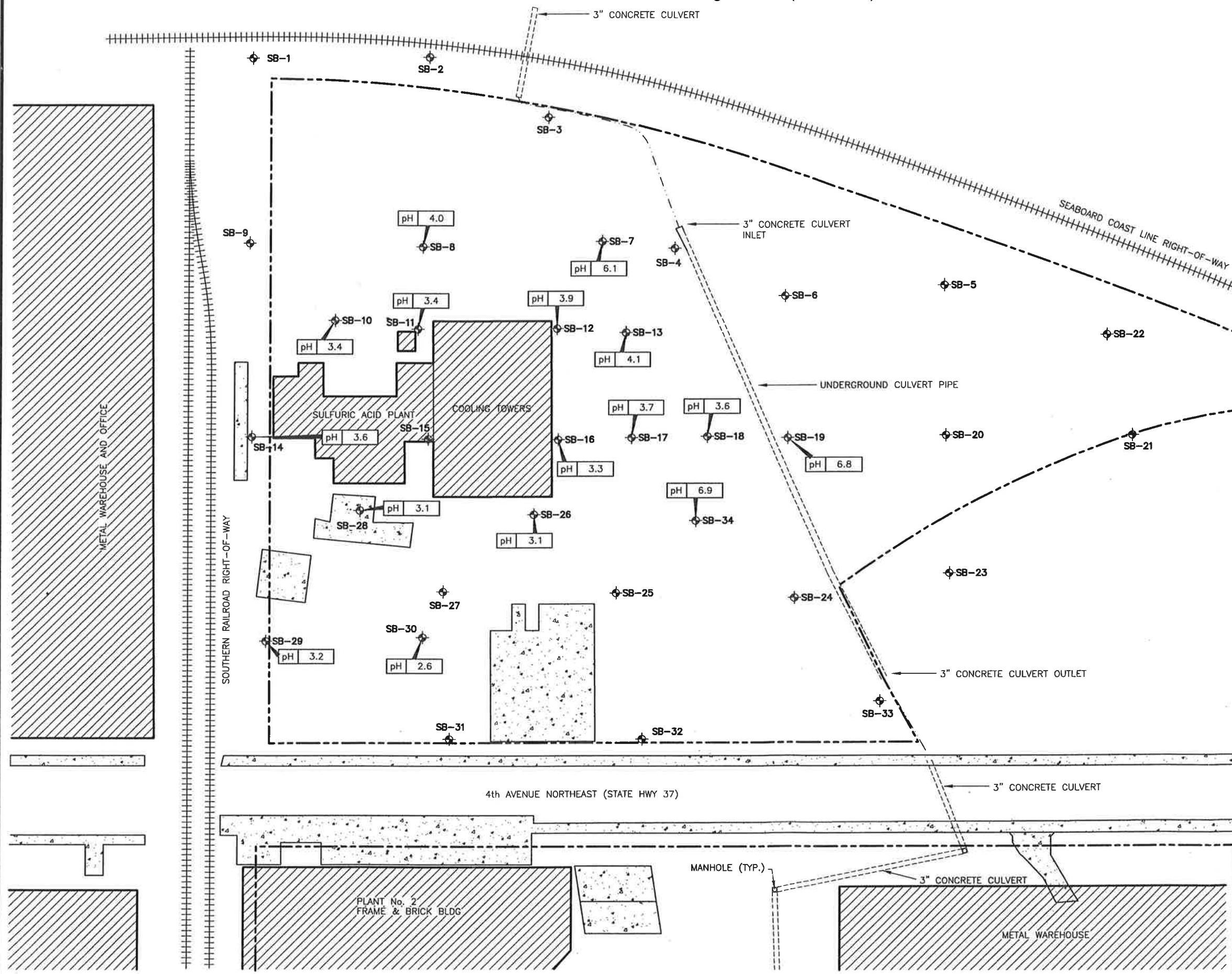
NOTES

- 1.) pH - pH CONCENTRATION (pH UNITS).
- 2.) LEAD - TOTAL LEAD CONCENTRATION (MILLIGRAMS PER KILOGRAMS).



PROJECT			
FARMERS FAVORITE FERTILIZER			
TITLE			
TOTAL LEAD AND SOIL pH AT 5 FEET BELOW GROUND SURFACE			
PROJECT No.	973-3788	FILE No.	3788X5
DESIGN		SCALE	AS SHOWN REV. 1
CADD	GMS	5/16/02	
CHECK	<i>[Signature]</i>	7/12/02	
REVIEW	<i>[Signature]</i>	7/12/02	
			3

Figures F-1 (CSRAdd3)

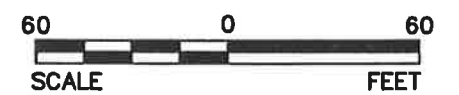


LEGEND

- BUILDING
- CONCRETE
- PROPERTY BOUNDARY
- RAILROAD TRACKS
- UNNAMED CREEK
- SB-1 SOIL BORING LOCATION

NOTES

1.) pH - pH CONCENTRATION (pH UNITS).

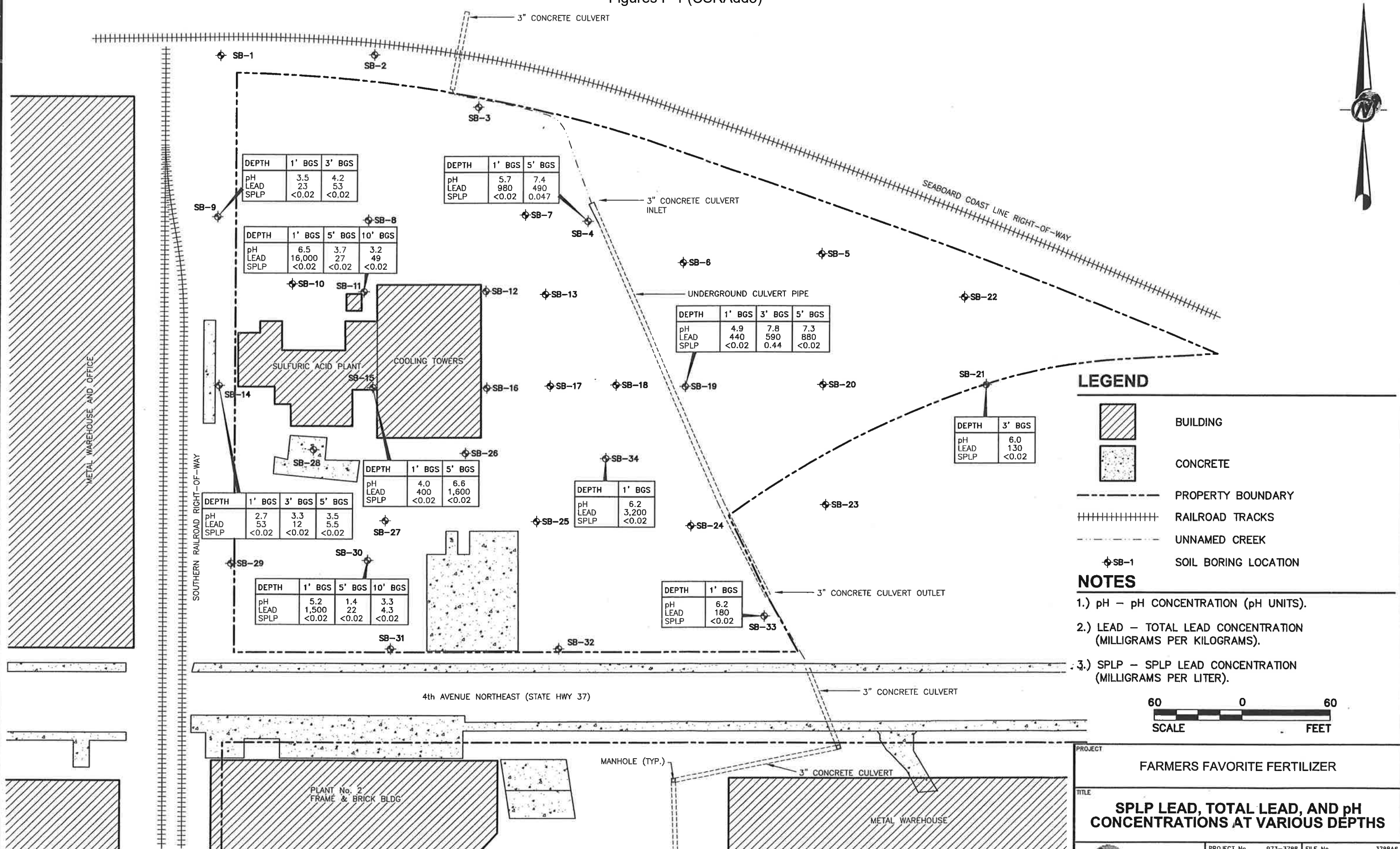


PROJECT		FARMERS FAVORITE FERTILIZER	
TITLE		TOTAL LEAD AND SOIL pH AT 7 FEET BELOW GROUND SURFACE	
PROJECT No.	973-3788	FILE No.	3788YS
DESIGN		SCALE	AS SHOWN REV. 1
CADD	GMS 5/16/02		
CHECK	QW 7/12/02		
REVIEW	REN 7/12/02		
			4



Drawing file: 3788YS.dwg May 16, 2002 - 10:02am

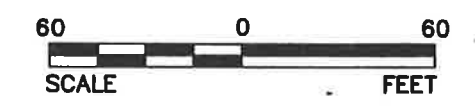
Figures F-1 (CSRAdd3)



LEGEND

- BUILDING
- CONCRETE
- PROPERTY BOUNDARY
- RAILROAD TRACKS
- UNNAMED CREEK
- SOIL BORING LOCATION

- NOTES**
- 1.) pH - pH CONCENTRATION (pH UNITS).
 - 2.) LEAD - TOTAL LEAD CONCENTRATION (MILLIGRAMS PER KILOGRAMS).
 - 3.) SPLP - SPLP LEAD CONCENTRATION (MILLIGRAMS PER LITER).



PROJECT: FARMERS FAVORITE FERTILIZER

TITLE: SPLP LEAD, TOTAL LEAD, AND pH CONCENTRATIONS AT VARIOUS DEPTHS

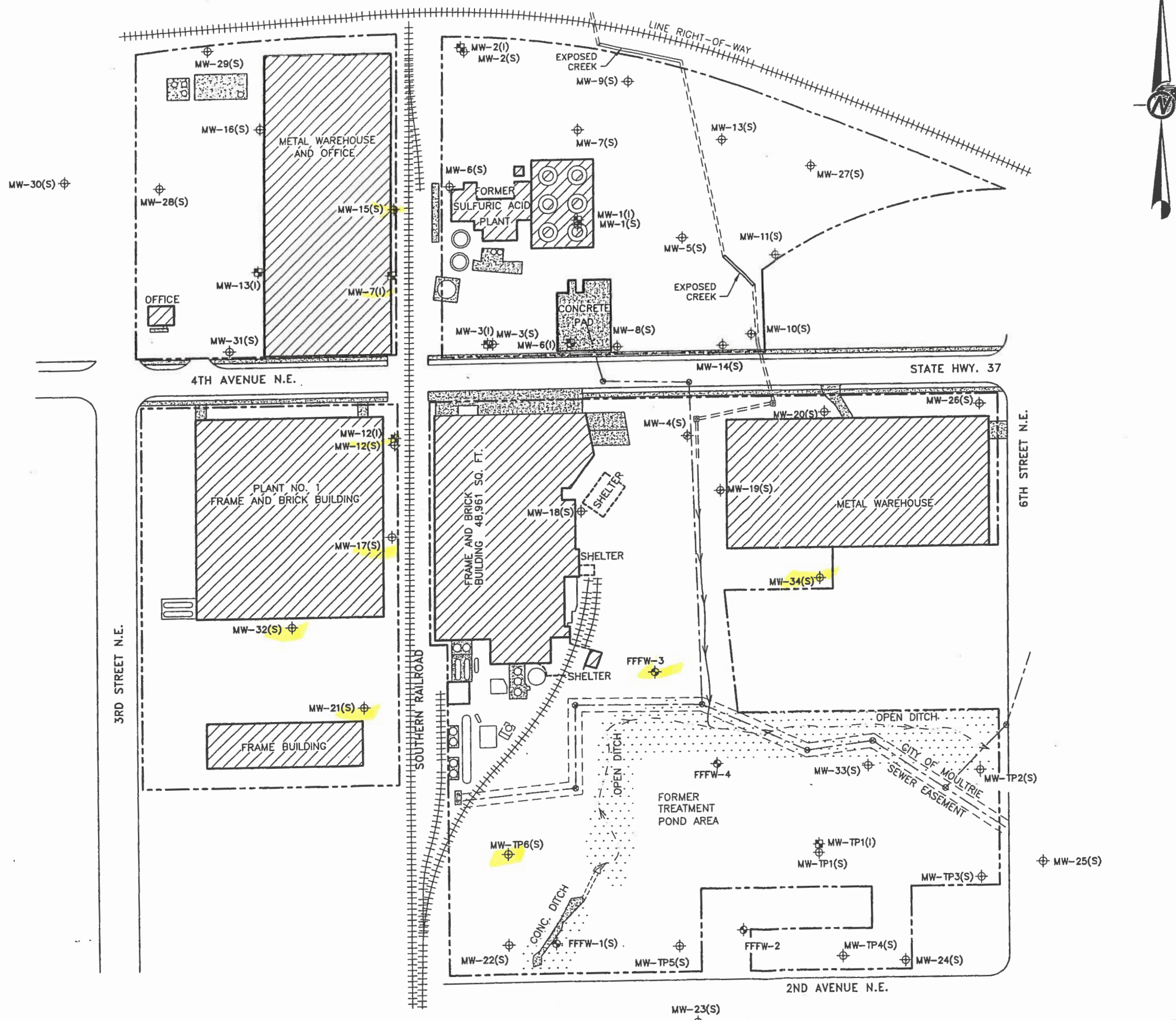
PROJECT No.	973-3788	FILE No.	3788A6
DESIGN		SCALE	AS SHOWN
CADD	GMS	5/16/02	REV. 1
CHECK	Jeo	7/12/02	
REVIEW	Jeo	7/12/02	

6









Golder Associates
Jacksonville, Florida

Drawing file: 3788A6.dwg May 16, 2002 - 10:05am

Figures F-1 (CSRAdd4)



LEGEND

-  BUILDING
-  CONCRETE
-  PROPERTY BOUNDARY
-  SOUTHERN RAILROAD TRACKS
-  DITCH
-  MW-TP1(S)/MW-1(S) SHALLOW INTERVAL MONITORING WELL LOCATION
-  FFW-1 EXISTING MONITORING WELL LOCATION
-  MW-1(I) INTERMEDIATE MONITORING WELL LOCATION

REFERENCES

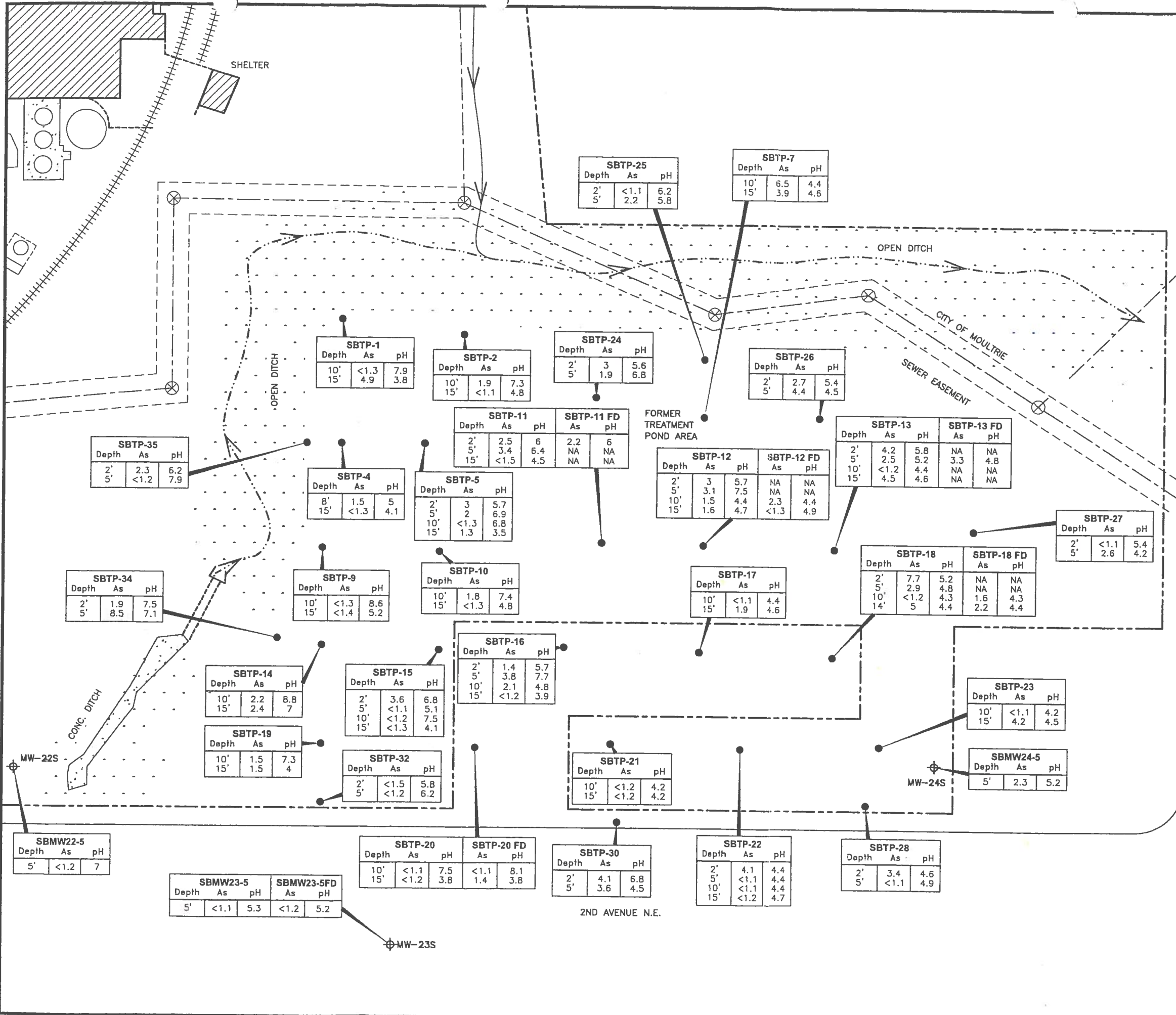
- 1.) TOPOGRAPHIC SURVEY COMPLETED WITH H. J. GRIFFIN & ASSOCIATES LAND SURVEYORS.



PROJECT		FARMERS FAVORITE FERTILIZER	
TITLE		SITE MAP	
PROJECT No.	973-3788	FILE No.	378807
DESIGN		SCALE	AS SHOWN REV. 0
CADD	GWS 9/17/03		
CHECK	WJ 9/30/03		
REVIEW	AMO 10/8/03		
			1



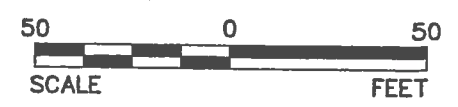
Figures F-1 (CSRAdd4)



LEGEND

- BUILDING
- CONCRETE
- PROPERTY BOUNDARY
- SURFACE WATER FLOW DIRECTION
- MANHOLE LOCATION
- SOIL BORING LOCATION
- MW-24S MONITORING WELL LOCATION
- SHADED VALUES INDICATE CONCENTRATIONS > BACKGROUND

- ### NOTES
- 1.) As - ARSENIC CONCENTRATIONS REPORTED IN mg/kg.
 - 2.) FD - FIELD DUPLICATE SAMPLE.
 - 3.) < - BELOW REPORTING LIMIT. VALUE SHOWN IS THE METHOD REPORTING LIMIT.
 - 4.) As BACKGROUND CONCENTRATION = 7.8 mg/kg.
As CORRECTIVE ACTION GOAL = 20 mg/kg.
 - 5.) NA - NOT ANALYZED.



PROJECT: FARMERS FAVORITE FERTILIZER

TITLE: TREATMENT POND AREA ARSENIC AND pH IN SOIL December 2002/June 2003

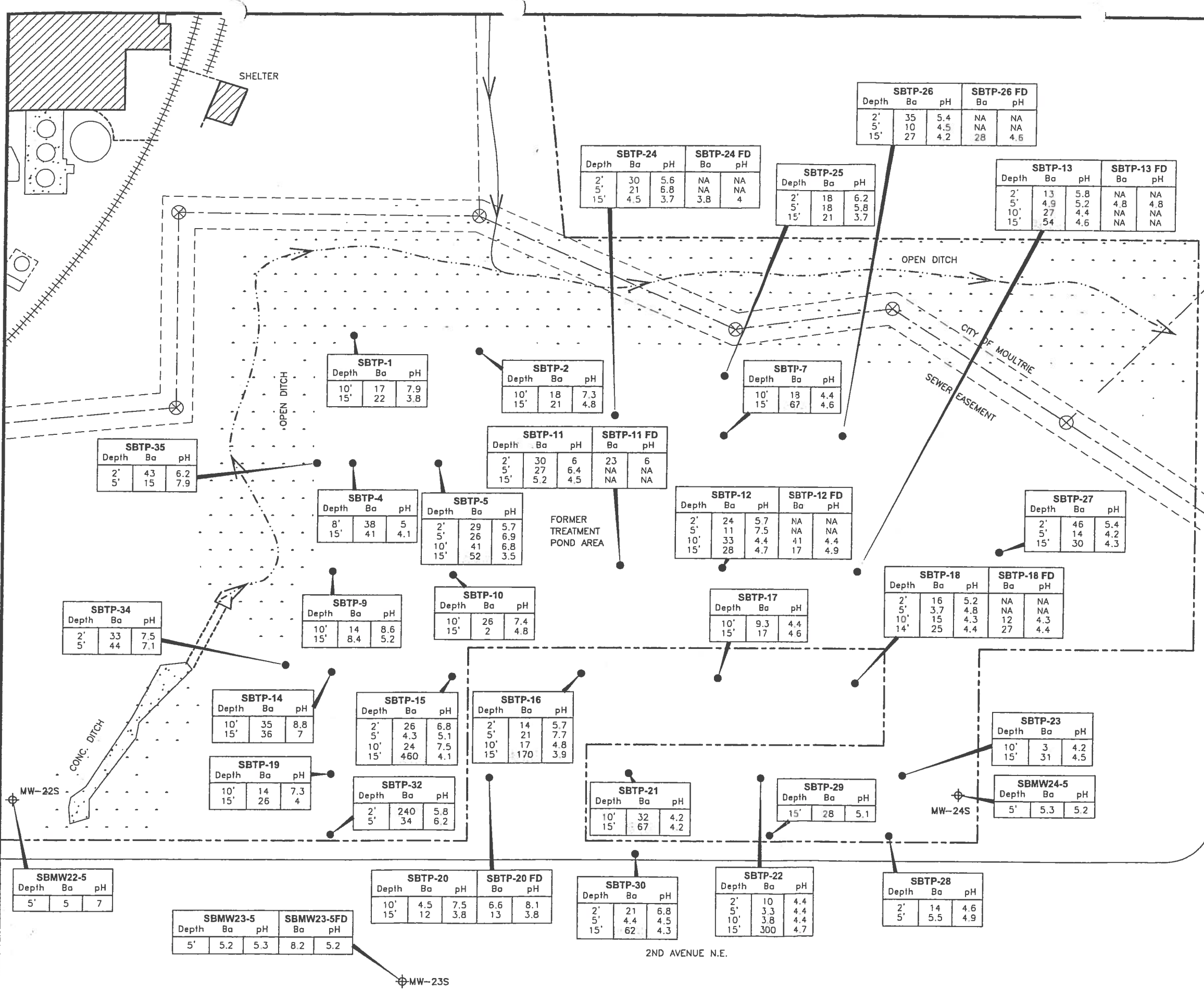
PROJECT No.	973-3788	FILE No.	3788H7
DESIGN	WJS 8/18/03	SCALE	AS SHOWN REV. 0
CADD	GMS 8/14/03		
CHECK	WJS 8/15/03		
REVIEW	MD 10/8/03		

Golder Associates
Jacksonville, Florida









2

Aug 14, 2003 - 2:56pm
 Drawing file: 3788H7.dwg

Figures F-1 (CSRAdd4)




LEGEND

-  BUILDING
-  CONCRETE
-  PROPERTY BOUNDARY
-  SURFACE WATER FLOW DIRECTION
-  MANHOLE LOCATION
-  SOIL BORING LOCATION
-  MW-245 MONITORING WELL LOCATION
-  SHADED VALUES INDICATE CONCENTRATIONS > BACKGROUND

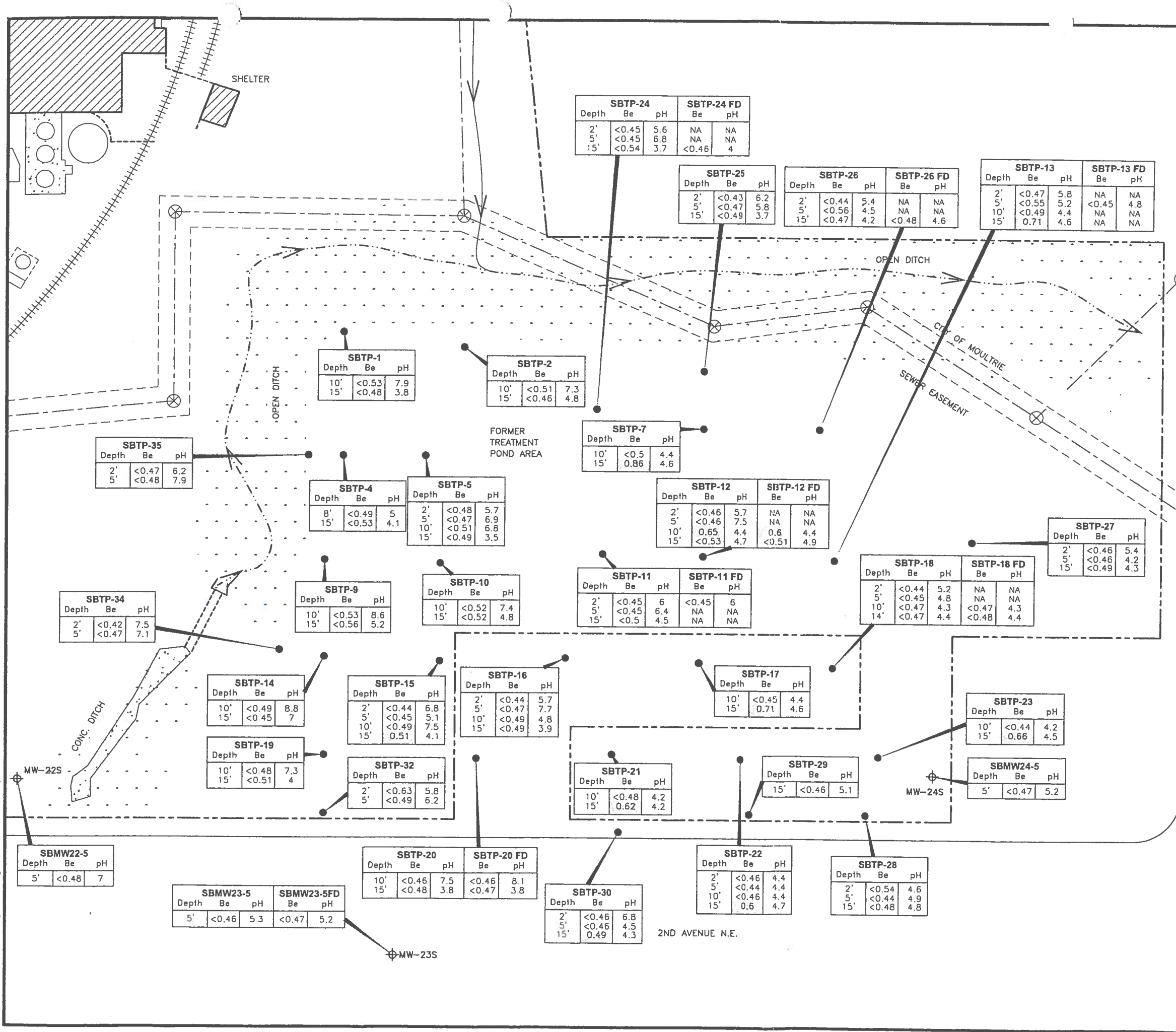
NOTES

- 1.) Ba - BARIUM CONCENTRATIONS REPORTED IN mg/kg.
- 2.) FD - FIELD DUPLICATE SAMPLE.
- 3.) < - BELOW REPORTING LIMIT. VALUE SHOWN IS THE METHOD REPORTING LIMIT.
- 4.) Ba BACKGROUND CONCENTRATION = 48.3 mg/kg.
Ba CORRECTIVE ACTION GOAL = 1,000 mg/kg.
- 5.) NA - NOT ANALYZED.



PROJECT			
FARMERS FAVORITE FERTILIZER			
TITLE			
TREATMENT POND AREA BARIUM AND pH IN SOIL December 2002/June 2003			
PROJECT No	973-3788	FILE No.	37887
DESIGN	KJO 8/8/03	SCALE	AS SHOWN REV 0
CADD	GMS 8/14/03		
CHECK	KJB 8/15/03		
REVIEW	JW 10/6/03		
 Golder Associates Jacksonville, Florida			3

Figures F-1 (CSRAdd4)

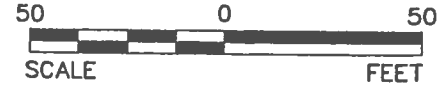


LEGEND

- BUILDING
- CONCRETE
- PROPERTY BOUNDARY
- SURFACE WATER FLOW DIRECTION
- MANHOLE LOCATION
- SOIL BORING LOCATION
- MONITORING WELL LOCATION

SHADED VALUES INDICATE CONCENTRATIONS > BACKGROUND

- ### NOTES
- 1.) Be - BERYLLIUM CONCENTRATIONS REPORTED IN mg/kg.
 - 2.) FD - FIELD DUPLICATE SAMPLE.
 - 3.) < - BELOW REPORTING LIMIT. VALUE SHOWN IS THE METHOD REPORTING LIMIT.
 - 4.) Be BACKGROUND CONCENTRATION = METHOD REPORTING LIMIT. Be CORRECTIVE ACTION GOAL = 2.0 mg/kg.
 - 5.) NA - NOT ANALYZED.



PROJECT: FARMERS FAVORITE FERTILIZER

TITLE: TREATMENT POND AREA BERYLLIUM AND pH IN SOIL December 2002/June 2003

PROJECT No.	973-3788	FILE No.	3788J7
DESIGN	KJB 8/8/03	SCALE	AS SHOWN REV 0
CADD	GMS 8/14/03		
CHECK	KJB 8/15/03		
REVIEW	MD 10/8/03		

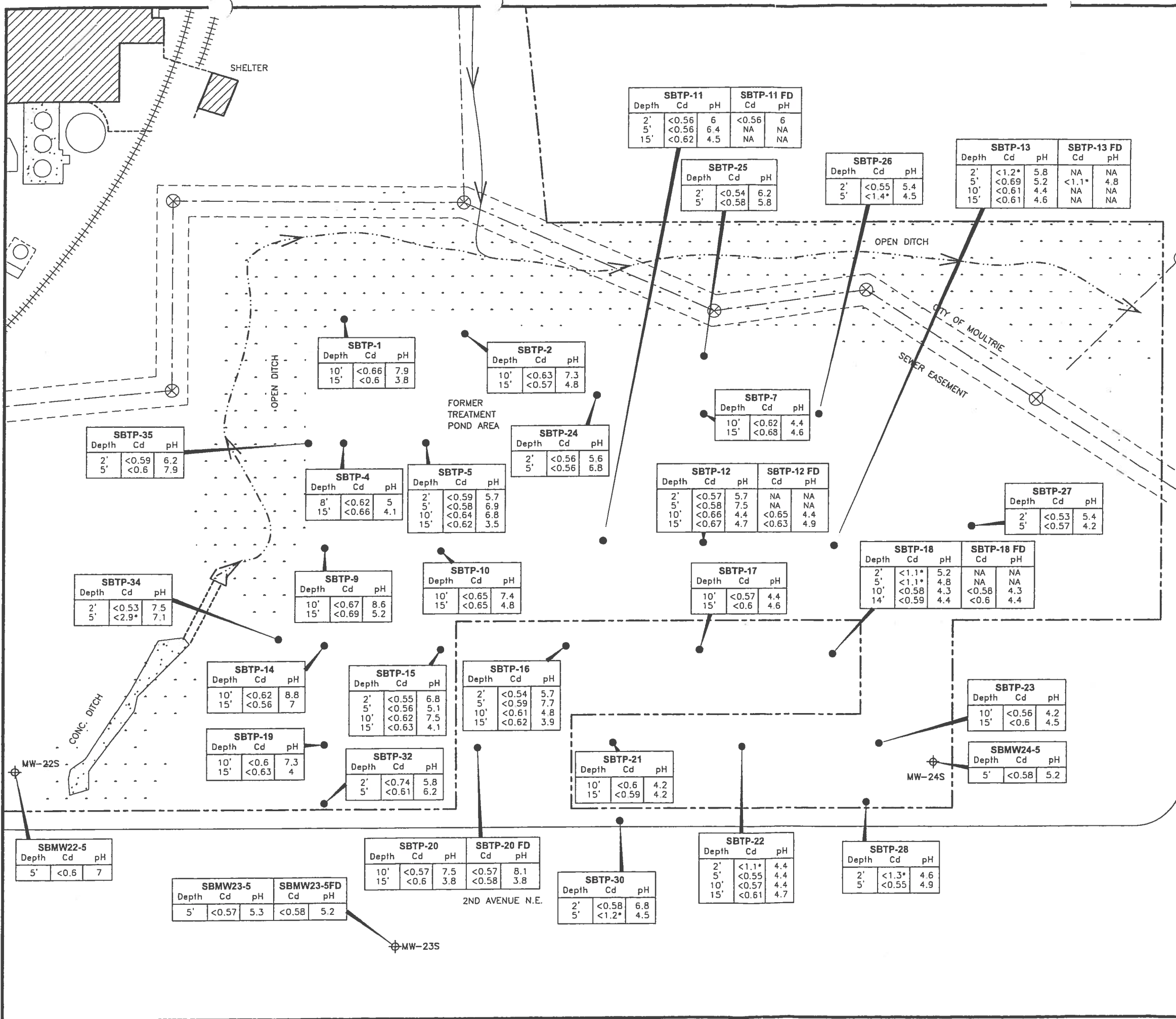
Golder Associates
Jacksonville, Florida

4

Drawing file: 3788J7.dwg Aug 14, 2003 - 3:01pm

Figures F-1 (CSRAdd4)

Drawing file: 378BK7.dwg Aug 14, 2003 - 3:01pm

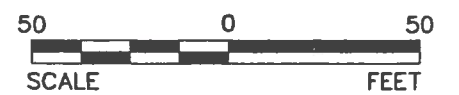


LEGEND

- BUILDING
- CONCRETE
- PROPERTY BOUNDARY
- SURFACE WATER FLOW DIRECTION
- MANHOLE LOCATION
- SOIL BORING LOCATION
- MW-24S MONITORING WELL LOCATION

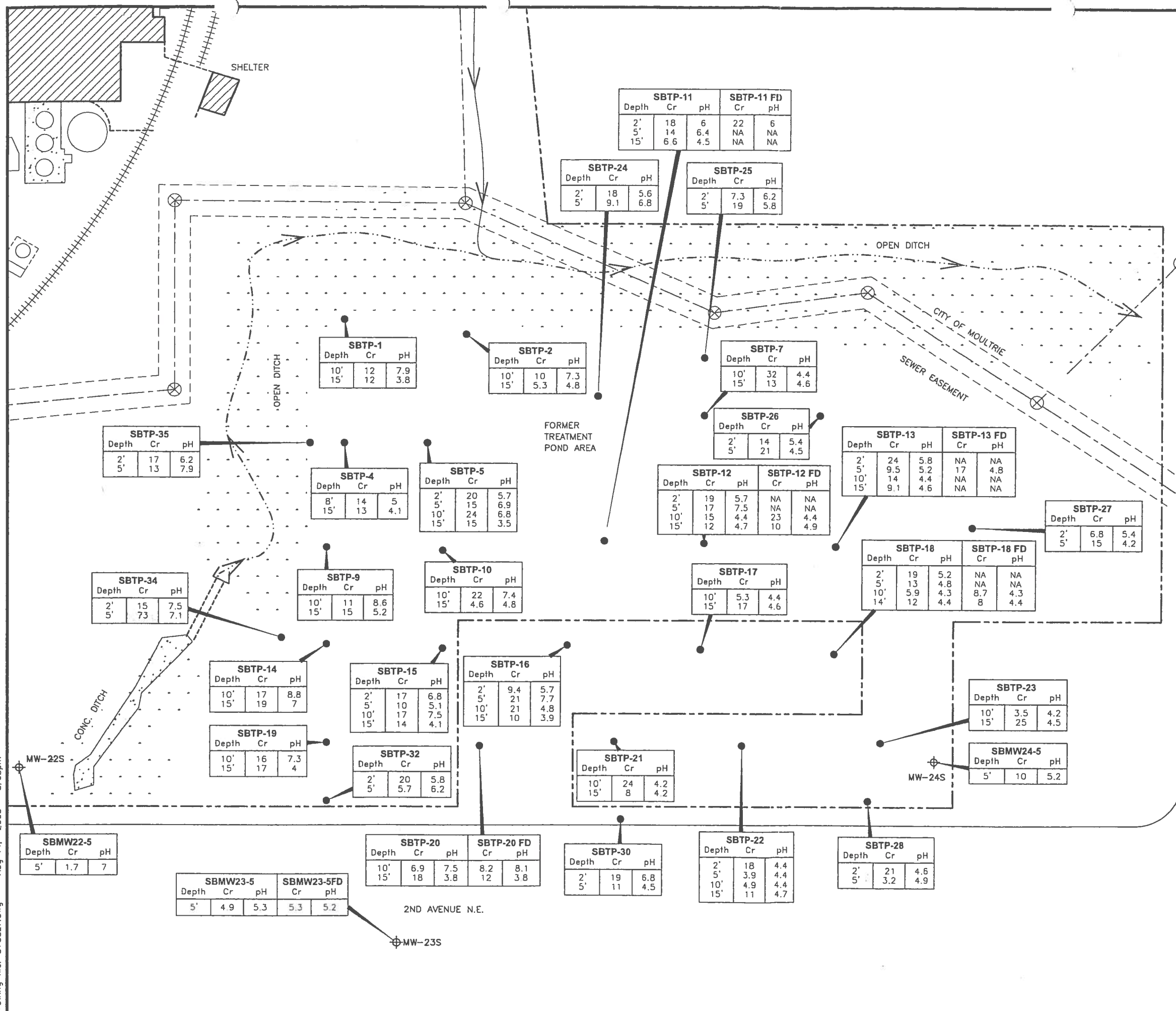
NOTES

- 1.) Cd - CADMIUM CONCENTRATIONS REPORTED IN mg/kg.
- 2.) FD - FIELD DUPLICATE SAMPLE.
- 3.) < - BELOW REPORTING LIMIT. VALUE SHOWN IS THE METHOD REPORTING LIMIT.
- 4.) Cd BACKGROUND CONCENTRATION = 5.4 mg/kg.
Cd CORRECTIVE ACTION GOAL = 5.4 mg/kg.
- 5.) NA - NOT ANALYZED.
- 6.) * - ELEVATED DETECTION LIMIT DUE TO MATRIX INTERFERENCE.



PROJECT		FARMERS FAVORITE FERTILIZER	
TITLE		TREATMENT POND AREA CADMIUM AND pH IN SOIL December 2002/June 2003	
PROJECT No.	973-3788	FILE No.	378BK7
DESIGN	RJ13 8/8/03	SCALE	AS SHOWN REV 0
CADD	GMS 8/14/03		
CHECK	RJ13 8/15/03		
REVIEW	DMO 12/8/03		
		5	

Figures F-1 (CSRAdd4)



LEGEND

- BUILDING
- CONCRETE
- PROPERTY BOUNDARY
- SURFACE WATER FLOW DIRECTION
- MANHOLE LOCATION
- SOIL BORING LOCATION
- MW-24S MONITORING WELL LOCATION
- SHADED VALUES INDICATE CONCENTRATIONS > BACKGROUND

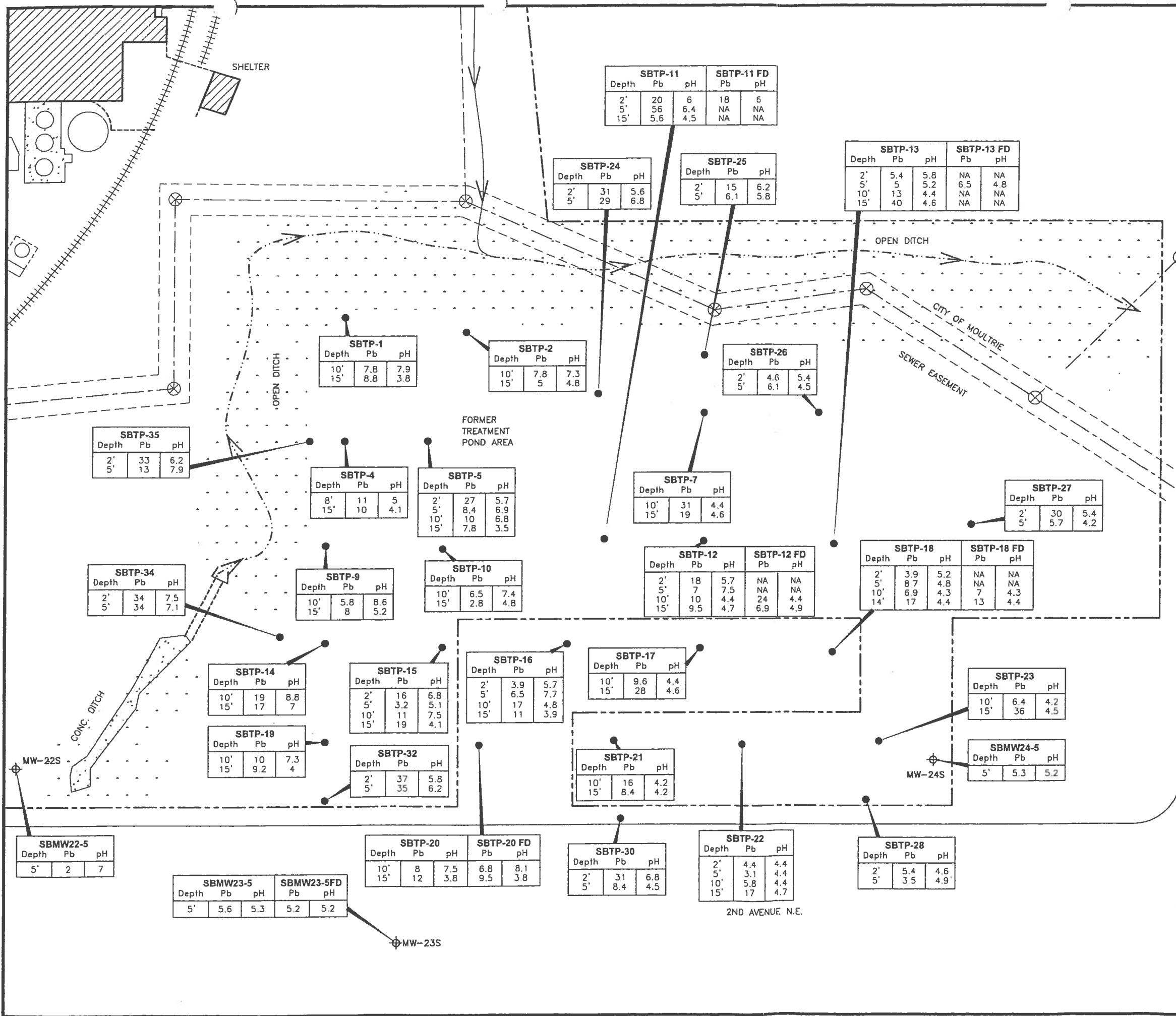
- ### NOTES
- 1.) Cr - CHROMIUM CONCENTRATIONS REPORTED IN mg/kg.
 - 2.) FD - FIELD DUPLICATE SAMPLE.
 - 3.) < - BELOW REPORTING LIMIT. VALUE SHOWN IS THE METHOD REPORTING LIMIT.
 - 4.) Cr BACKGROUND CONCENTRATION = 48.7 mg/kg.
Cr CORRECTIVE ACTION GOAL = 100 mg/kg.
 - 5.) NA - NOT ANALYZED.



PROJECT	FARMERS FAVORITE FERTILIZER		
TITLE	TREATMENT POND AREA CHROMIUM AND pH IN SOIL December 2002/June 2003		
PROJECT No.	973-3788	FILE No.	378BL7
DESIGN	KJB 8/8/03	SCALE	AS SHOWN REV. 0
CADD	GMS 8/14/03		
CHECK	KJB 8/15/03		
REVIEW	JHR 10/8/03		
			6

Drawing file: 378BL7.dwg Aug 14, 2003 - 3:03pm

Figures F-1 (CSRAdd4)

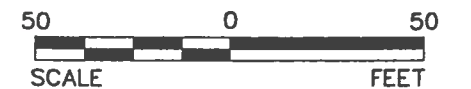


LEGEND

- BUILDING
- CONCRETE
- PROPERTY BOUNDARY
- SURFACE WATER FLOW DIRECTION
- MANHOLE LOCATION
- SOIL BORING LOCATION
- MW-24S MONITORING WELL LOCATION

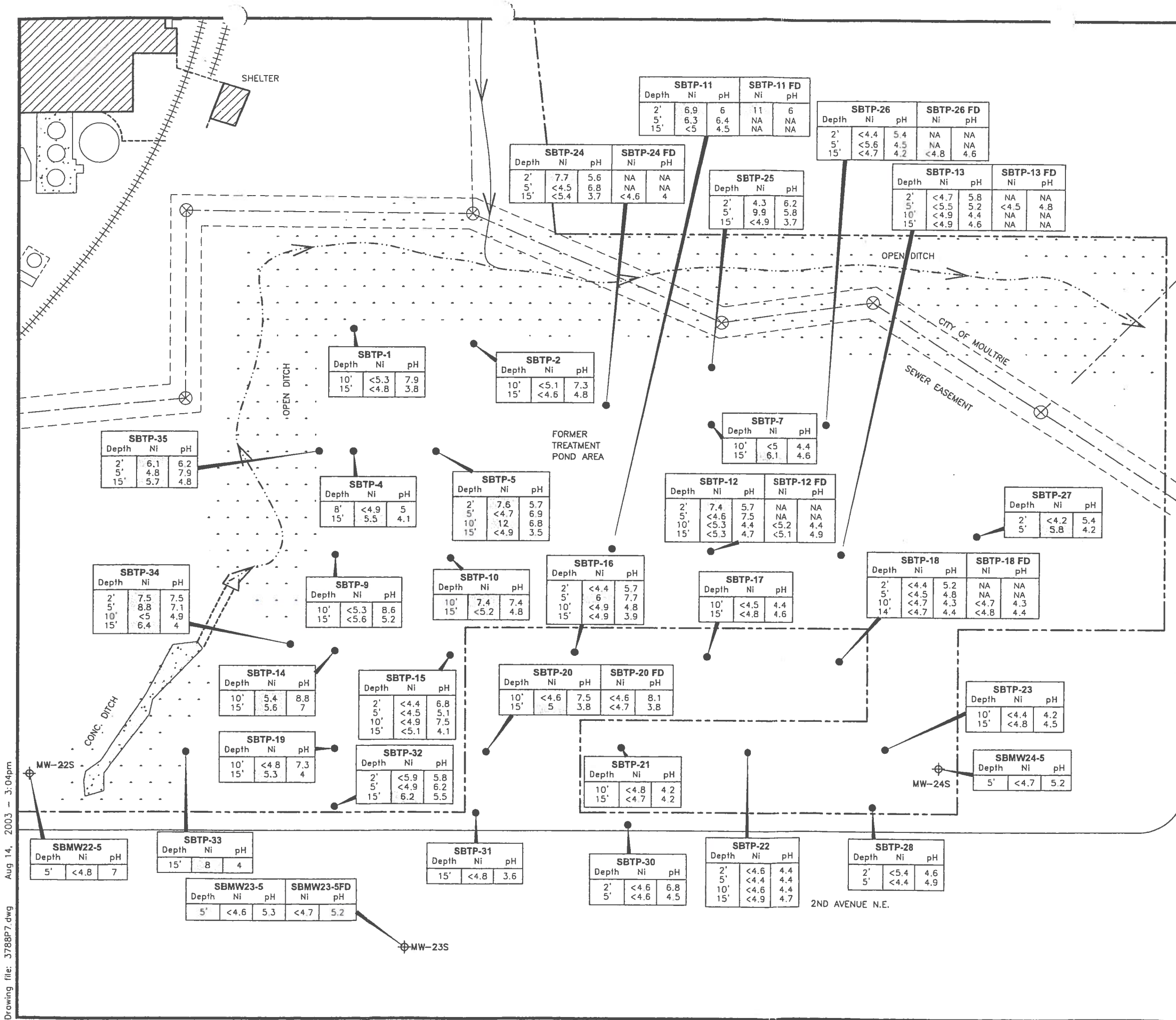
NOTES

- 1.) Pb - LEAD CONCENTRATIONS REPORTED IN mg/kg.
- 2.) FD - FIELD DUPLICATE SAMPLE.
- 3.) < - BELOW REPORTING LIMIT. VALUE SHOWN IS THE METHOD REPORTING LIMIT.
- 4.) Pb BACKGROUND CONCENTRATION = 127 mg/kg.
Pb CORRECTIVE ACTION GOAL = 127 mg/kg.
- 5.) NA - NOT ANALYZED.



PROJECT			
FARMERS FAVORITE FERTILIZER			
TITLE			
TREATMENT POND AREA LEAD AND pH IN SOIL December 2002/June 2003			
PROJECT No	973-3788	FILE No	3788M7
DESIGN	KTB 8/8/03	SCALE	AS SHOWN REV. 0
CADD	GMS 8/14/03		
CHECK	KTB 8/15/03		
REVIEW	Qh 10/8/03		
			7

Figures F-1 (CSRAdd4)



LEGEND

- BUILDING
- CONCRETE
- PROPERTY BOUNDARY
- SURFACE WATER FLOW DIRECTION
- MANHOLE LOCATION
- SOIL BORING LOCATION
- MONITORING WELL LOCATION
- SHADED VALUES INDICATE CONCENTRATIONS > BACKGROUND

- ### NOTES
- 1.) Ni - NICKEL CONCENTRATIONS REPORTED IN mg/kg.
 - 2.) FD - FIELD DUPLICATE SAMPLE.
 - 3.) < - BELOW REPORTING LIMIT. VALUE SHOWN IS THE METHOD REPORTING LIMIT.
 - 4.) Ni BACKGROUND CONCENTRATION = METHOD REPORTING LIMIT. Ni CORRECTIVE ACTION GOAL = 50 mg/kg.
 - 5.) NA - NOT ANALYZED.



PROJECT	FARMERS FAVORITE FERTILIZER		
TITLE	TREATMENT POND AREA NICKEL AND pH IN SOIL December 2002/June 2003		
PROJECT No.	973-3788	FILE No.	3788P7
DESIGN	KST 8/8/03	SCALE	AS SHOWN REV 0
CADD	GMS 8/14/03		
CHECK	KST 8/15/03		
REVIEW	JH 10/8/03		
			8

APPENDIX G

TABLE G-1

Table G-1 (CAPRep)

TABLE I

SUMMARY OF ANALYTICAL RESULTS FOR SOIL CONFIRMATION SAMPLES
FARMERS FAVORITE FERTILIZER

MOULTRIE, GEORGIA

Reference for Sample Location (Figure No.)	Confirmation Sample Identification Number	Sample Collection Depth (ft-bgs)	TOTAL ARSENIC 41 ¹ mg/kg	TOTAL BARIUM 1,000 ¹ mg/kg	TOTAL CADMIUM 39 ¹ mg/kg	TOTAL CHROMIUM 1,200 ¹ mg/kg	TOTAL COPPER 1,500 ¹ mg/kg	TOTAL LEAD 930 ² (1,303) ² mg/kg	TOTAL MERCURY 17 ¹ mg/kg	TCLP MERCURY 0.002 ³	TOTAL ZINC 2,800 ¹ mg/kg
5	A-5@0.5'	0.5	0.43	20	0.29	2.6	1.1	10	0.05 u	---	11
5	A-5@2.0'	2.0	0.24	12	0.069	3.2	1.1	12	0.05 u	---	2.2
7	B+25-7@.5'	0.5	0.6	17	0.5	5.9	6.8	66	0.05 u	---	69
5	B-5@0.5'	0.5	0.37	19	0.2	4.5	5.3	16	0.05 u	---	41
5	B-5@2.0'	2.0	1.8	12	0.17	13	4.1	33	0.05 u	---	14
7	B-6@.5'	0.5	0.46	26	0.01 u	3.2	2.7	16	0.05 u	---	25
7	B-6@2.0'	2.0	0.14	14	0.01 u	1.1	0.41	23	0.05 u	---	0.61
5	C+23.0 FT - 2 @ 0.5 FT	0.5	0.58	30	0.0073 i	1.6	0.29	68	0.011	---	0.29 i
5	C+23.0 FT - 3 @ 2.0 FT	2.0	0.68	130	0.01 u	20	13	30	0.025	---	11
5	C+23.0 FT - 3 @ 4.0 FT	4.0	0.46	12	0.0024 u	4.7	2.6	7.7	0.024	---	1.9
5	C+31.0 FT - 2 @ 2.0 FT	2.0	0.76	29	0.0025 u	0.4	0.4	57	0.0027 i	---	0.65
5	C+31.0 FT - 2 @ 4.0 FT	4.0	0.81	55	0.0029 u	0.53	0.78	36	0.0059	---	0.88
5	C+32.0 FT - 1 + 4.0 @ 0.5 FT	0.5	0.7	42	0.07	2.8	4.4	210	0.037	---	1.0 i
5	C-3 @ 0.5 FT	0.5	0.66 u	40	0.08	11	23	410	0.051	---	6.6
7	C-7 + 25.0 FT - 9.0 FT S @ 0.5 FT	0.5	0.69 u	66	0.9	27	68	410	0.1	---	210
7	C-7 + 31.0 FT - 11.0 FT N @ 0.5 FT	0.5	0.13 u	14	0.078	4.9	6	27	0.032	---	25
7	C-7 + 31.0 FT @ 0.5 FT	0.5	0.34 i	43	0.36	12	52	100	0.13	---	180
7	C-7 + 31.0 FT @ 2.0 FT	2.0	0.13 u	13	0.69	5.1	6.6	27	0.13	---	26
5	C+13-2 + 34.0 FT @ 0.5 FT	0.5	1	25	0.0024 u	11	25	87	0.067	---	0.27 i
7	C+48-7+23@2.0'	2.0	1.2	35	0.01 u	7.3	15	63	0.05	---	5
7	C+48-7+27@0.5'	0.5	0.2	3.7	0.11	3.3	0.47	3.5	0.05	---	1.1
5	C-4 @ 0.5 FT	0.5	3.7	22	0.012 u	27	20	76	0.032	---	4.8
5	C-4 @ 2.0 FT	2.0	4.5	17	0.14	45	17	9.9	0.053	---	10
5	C-4 @ 4.0 FT	4.0	0.67	17	0.014	4	3	3.7	0.0071	---	5.4
5	C-5 @ 4.0 FT	4.0	1	29	0.084	3.4	5.3	12	0.024	---	28
5	C-5 @ 0.5'	0.5	0.19	6.3	0.01 u	2.8	2.4	38	0.05 u	---	7.2
5	C-5 @ 2.0'	2.0	1.7	12	0.14	15	3.8	15	0.05 u	---	11
7	C-5 @ 2.0'	2.0	0.7	26	0.096	4.1	5.5	49	0.05 u	---	8.4
7	C-7 @ 2.0'	2.0	2.4	33	0.39	9.8	39	350	0.05 u	---	29
7	C-7+25@0.5'	0.5	1.2	43	0.8	16	23	1,600	0.05 u	---	100
4	D + 30 Ft. - 3 @ 4.5 Ft.	4.5	1.9	8.2	0.0027 u	12	4.9	5.6	0.068	---	0.10 u
4	D + 35.0 FT + 10.0 FT @ 5.0 FT	5.0	0.44 i	13	0.0027 u	7.9	2	3.6	0.015	---	3.1
4	D + 40.0 FT - 3 + 15.0 FT @ 5.0 FT	5.0	0.98	16	0.0026 u	9.3	2.9	5.5	0.013	---	2.9
4	D + 40.0 FT - 5 + 5.0 FT @ 5.0 FT	5.0	0.71	14	0.0026 u	5.9	1.6	5.8	0.011	---	1.9
5	D + 45 FT - 1 @ 4.0 FT	4.0	8.3	14	0.16	18	2	8.8	0.0062	---	0.53 u
4	D + 45.0 FT - 5 + 10.0 FT @ 5.0 FT	5.0	0.86	14	0.0028 u	3.9	1.5	6.1	0.0051	---	3.3
5	D + 5 - 2 @ 4.0 FT	4.0	4.5	28	0.0067 i	2.4	2.1	22	0.0085	---	0.16 i
5	D - 1 + 4.0 FT @ 0.5 FT	0.5	0.92	31	0.0025	1.2	0.98	21	0.05	---	1.2
5	D - 1 + 4.0 FT @ 2.0 FT	2.0	2.2	21	0.0025	3.2	0.7	19	0.032	---	0.093 u
5	D - 1 + 4.5 FT @ 4.0 FT	4.0	4.3	35	0.010 i	2.4	1.7	16	0.0029 i	---	0.11
5	D - 2 + 5 @ 4.0 FT	4.0	4	27	0.0032	2.1	0.68	20	0.048 i	---	1
5	D - 3 @ 4.0 FT	4.0	3.3	45	0.0025 u	8.6	1.6	92	0.022	---	0.095 u

TABLE I
SUMMARY OF ANALYTICAL RESULTS FOR SOIL CONFIRMATION SAMPLES
FARMERS FAVORITE FERTILIZER

MOULTRIE, GEORGIA

Reference for Sample Location (Figure No.)	Confirmation Sample Identification Number	Sample Collection Depth (ft-bgs)	TOTAL ARSENIC 41 i mg/kg	TOTAL BARIUM 1,000 i mg/kg	TOTAL CADMIUM 39 i mg/kg	TOTAL CHROMIUM 1,200 i mg/kg	TOTAL COPPER 1,500 i mg/kg	TOTAL LEAD 930 i (1-303) 2 mg/kg	TOTAL MERCURY 17 i mg/kg	TCPLP MERCURY 0.002 i mg/kg	TOTAL ZINC 2,800 i mg/kg
4	D+ 34 Ft.-3@ 4.5 Ft.	4.5	1.6	23	0.0073 i	3.3	2.2	390	0.032	---	4
4	D+ 40.0 - 2+30.0 Ft. @ 4.5	4.5	0.6	33	0.0026 u	0.73	0.75	69	0.0011	---	1.2
4	D+ 40.0 - 3+20.0 Ft. @ 4.5	4.5	1.2	11	0.0066 i	2.1	1.6	58	0.014	---	1.5
7	D+ 20-7+10'@7'	7.0	0.45	32	0.01	7.2	2.6	20	0.05 u	---	3.7
7	D+ 20-7+10'@5'	5.0	1.5	53	2.6	12	4.6	15	0.05 u	---	1200
5	D-1 + 4.0 Ft. @ 3.0 Ft.	3.0	1.7	33	0.013 u	13	1.8	9.6	0.0079	---	0.48 u
5	D-2 @ 6.0 Ft.	6.0	5.3	12	0.13	18	5.2	15	0.0079	---	0.51 u
5	D-4 @ 4.0 Ft.	4.0	0.23	17	0.0024 u	3.4	3.4	23	0.035	---	3.3
5	D-5 @ 4.0 Ft.	4.0	0.13	27	0.024	3.6	5.5	65	0.02	---	2
7	D-6 @ 4.0 Ft.	4.0	0.87	22	0.079	2.7	11	51	0.018	---	33
7	D-6 @ 2.0'	2.0	0.14	5.7	0.01 u	0.84	0.18	2.1	0.05 u	---	0.002 u
4	E-5 @ 4.0 Ft.	4.0	0.15	11	0.01 u	2.4	0.97	9.2	0.05 u	---	4.9
6	E-6 @ 4.0 Ft.	4.0	0.46	22	0.025	3	7.3	32	0.0042 i	---	3.8
6	E-7 @ 4.0 Ft.	4.0	19	130	3.1	39	92	490	0.011	---	720
4	E+ 25 Ft.-3 @ 8.0 Ft.	4.0	0.95 u	200	0.2	7.1	36	18	0.031	---	52
4	E+ 35 Ft.-3 @ 10.0 Ft.	8.0	2.5 i	8.3	0.027 u	19	18	580	0.0026 i	---	1.0 u
4	E+ 40 Ft.-2 + 28 Ft. @ 8.0 Ft.	10.0	2.2	14	0.0025 u	16	7.5	7.6	0.0074	---	3.1
4	E+ 40 Ft.-3 + 7.0 Ft. @ 8.0 Ft.	8.0	1.5	16	0.027 u	19	5.6	17	0.0032 i	---	1
6	E+ 40.0 Ft.-6 + 40.0 @ 2.0 Ft.	8.0	2	31	0.036 u	15	11	36	0.0024 i	---	6.1
4	E+ 15 Ft.-3+20 Ft. @ 4.5 Ft.	2.0	---	---	---	---	---	280	---	---	---
4	E+ 27 Ft.-2+30 Ft. @ 4.5	4.5	0.36 i	22	0.023	2.1	1.6	28	0.0058	---	1.5
4	E+ 15.0 Ft. @ 2.0 Ft.	4.5	3.3	43	0.0032 u	2.5	0.9	150	0.0032 i	---	0.12 u
4	E-1+5.0 Ft. @ 3.0 Ft.	2.0	0.66	18	0.017 i	7.4	17	9.8	0.026	---	4.3
4	E-1+5.0 Ft. @ 3.0 Ft.	3.0	2.3 i	27	0.054 i	3.6	13	12	0.033	---	0.62 u
4	E-1+5.0 Ft. @ 0.5 Ft.	0.5	0.7	16	0.033 i	9.4	5.3	18	0.038	---	0.049 u
4	E-2 @ 4.0 Ft.	4.0	1.7 i	21	0.023 i	13	11	6.3	0.0045	---	14
4	E-3 @ 6.0 Ft.	6.0	0.49 i	9.4	0.0026 u	17	4.8	23	0.006	---	1.3
4	E-4 @ 4.0 Ft.	4.0	0.59	14	0.0025 u	1.9	1.1	81	0.018	---	3
6	E-7 @ 2.0'	2.0	0.68	14	0.17	4.7	2.9	48	0.05 u	---	32
6	E-7 @ 2.0'	0.5	0.53	21	0.52	9.4	31	27	0.05 u	---	120
4	F-1 + 10 Ft. @ 0.5 Ft.	0.5	1.5 i	13	0.037 i	13	8.5	13	0.01	---	1.4 i
4	F-1 + 10 Ft. @ 2.0 Ft.	2.0	3.2	29	0.047	7.7	6.8	260	0.078	---	1.5
4	F-1 + 10 Ft. @ 3.0 Ft.	3.0	5.4	99	0.059	11	7.1	110	0.053	---	68
4	F-2 @ 4.0 Ft.	4.0	3.1	19	0.01	3.9	1.1	97	0.012	---	0.094 u
4	F-3 @ 8.0 Ft.	8.0	1.3	13	0.0027 u	14	4.2	16	0.0038 i	---	2.3
4	F-4 @ 4.0 Ft.	4.0	0.99 i	18	0.3	7.9	10	430	0.014	---	46
6	F+ 10 Ft.-6 + 30.0 Ft. @ 2.0 Ft.	2.0	---	---	---	---	---	370	---	---	---
4	F+ 12.0 Ft.-3 + 30.0 Ft. @ 6.5 Ft.	6.5	0.14 u	9.5	0.0025 u	8	2.4	8.7	0.0026 i	---	3.1
4	F+ 16.0 Ft.-3 + 23.0 Ft. @ 6.5 Ft.	6.5	0.63	11	0.0026 u	10	7.7	7	0.0022 i	---	2
4	F+ 16.0 Ft.-3 + 32 Ft. @ 6.5 Ft.	6.5	5.8	22	0.0051 i	9	5.4	32	0.0093	---	14
4	F+ 16.0 Ft.-3 + 36.0 Ft. @ 6.5 Ft.	6.5	0.73 u	14	0.0087 i	14	4.3	7.3	0.0027 i	---	8
4	F+ 20.0 Ft.-3 + 30.0 Ft. @ 7.0 Ft.	7.0	2.7	19	0.36	6.5	7.1	140	0.024	---	330

TABLE 1
SUMMARY OF ANALYTICAL RESULTS FOR SOIL CONFIRMATION SAMPLES
FARMERS FAVORITE FERTILIZER
MOULTRIE, GEORGIA

Reference for Sample Location (Figure No.)	Confirmation Sample Identification Number	Sample Collection Depth (ft-bgr)	TOTAL ARSENIC 41' mg/kg	TOTAL BARIUM 1,000' mg/kg	TOTAL CADMIUM 39' mg/kg	TOTAL CHROMIUM 1,200' mg/kg	TOTAL COPPER 1,500' mg/kg	TOTAL LEAD 930' (1,303)' mg/kg	TOTAL MERCURY 17' mg/kg	TCLP MERCURY 0.002' mg/kg	TOTAL ZINC 2,800' mg/kg
4	F+25.0 FT - 3 + 30.0 FT @ 7.0 FT	7.0	1.4	12	0.0026 u	11	3.6	6.9	0.0048 i	---	5.6
4	F+40 FT - 4 - 4.5 Ft	4.5	0.38	20	0.0025	5.7	2.7	5.9	0.0061	---	1.8
4	F-3 @ 4 FT	4.0	4.9	23	0.021	3.2	5.7	670	0.071	---	0.092 u
4	F-5 @ 4.0 Ft	4.0	1	49	1.1	12	43	99	0.071	---	550
6	F-6 + 34.0 Ft. E @ 2.0 Ft.	2.0	13	100	5.8	77	340	2,200	0.46	---	2,800
6	F-6 + 40.0 FT @ 2.0 FT	2.0	---	---	---	---	---	1.5	---	---	2.1
6	F-6 @ 4.0 Ft.	4.0	11	190	1.3	28	100	400	46	0.000050 u	480
6	F-6+34.0 Ft. E @ 0.5 Ft.	0.5	30	64	1.7	30	180	820	0.19	---	920
6	F-6+34.0 Ft. E @ 4.0 Ft.	4.0	0.14 u	11	0.0027 u	2.2	2.2	4.8	0.0067	---	7.6
4	G+3 Ft - 6 @ 0.5 Ft.	0.5	1.5	32	0.8	20	68	93	0.05	---	290
4	G+3 Ft - 6 @ 2.0 Ft.	2.0	0.73	38	0.84	19	60	130	0.032	---	310
4	G+3 Ft - 6 @ 4.0 Ft.	4.0	5.4	140	2.7	43	240	700	1.5	---	860
4	G+21 - 5 @ 4.0 Ft.	4.0	37	230	7.5	94	580	520	0.61	---	3,000
4	G+21 - 5 @ 5.0 Ft.	5.0	---	---	---	---	---	---	---	---	85
4	G+22.0 FT - 5 + 10.0 FT @ 0.5 FT	0.5	2.5	90	0.55	32	39	130	0.085	---	120
4	G+22.0 FT - 5 + 10.0 FT @ 2.0 FT	2.0	0.79 u	130	2.8	34	110	540	0.58	---	940
4	G+22.0 FT - 5 + 10.0 FT @ 4.0 FT	4.0	---	---	---	---	---	---	---	---	500
4	G+25.0 FT - 4 + 40.0 FT @ 0.5 FT	0.5	0.85 u	140	5.8	52	560	500	0.48	---	3,000
4	G+25.0 FT - 4 + 40.0 FT @ 2.0 FT	2.0	1.5	65	0.91	19	130	340	0.31	---	530
4	G+25.0 FT - 4 + 40.0 FT @ 4.0 FT	4.0	---	---	---	---	---	---	---	---	340
4	G+3 + 25.0 FT @ 5.0 FT	5.0	0.70 u	21	0.0026	14	5.3	13	0.0082	---	0.49 i
4	G+3 Ft - 4 - 4.5 Ft	4.5	0.87	20	0.05	13	23	57	0.0092	---	11
4	G+30 FT - 4 + 19 FT @ 0.5 FT	0.5	---	---	---	---	---	---	---	---	360
4	G+31 Ft - 4 @ 5.0	5.0	0.14 u	62	0.0090 i	2.3	1	14	0.0065	---	5.2
4	G+33 Ft - 1 @ 0.5 Ft.	0.5	1.4 u	8.9	0.026 u	20	11	19	0.0056	---	0.99 u
4	G+35 Ft - 4 + 2.0 Ft @ 6.5	6.5	0.41 i	8.7	0.0076 i	3.4	8	6.6	0.0083	---	7.2
4	G+35 Ft - 4 + 32 Ft @ 0.5 FT	0.5	---	---	---	---	---	---	---	---	2,600
4	G+35 Ft - 3 + 47 Ft @ 5.0	5.0	0.15 u	60	0.087	2.5	16	34	0.18	---	21
4	G+35 Ft - 4 + 7.0 Ft @ 5.0	5.0	1.6 u	43	0.029 u	10	4.8	16	0.039	---	6.6
4	G+35.0 FT - 5 @ 0.5 FT	0.5	0.13 u	18	0.52	14	190	62	0.031	---	320
4	G+35.0 FT - 5 @ 4.0 FT	4.0	---	---	---	---	---	---	---	---	780
4	G+35.0 FT - 5 @ 2.0 FT	2.0	6.3	210	2	39	540	790	1.7	---	900
4	G+38 Ft - 0 + 49 Ft @ 0.5 Ft.	0.5	1.4 u	18	0.026 u	11	7.3	15	0.0068	---	4.7
4	G+38 Ft - 1 @ 1.0 Ft.	1.0	1.4 u	16	0.026 u	7.5	5.3	7.8	0.0055	---	4.6
4	G+38 Ft - 1 + 7.0 Ft @ 0.5 Ft.	0.5	1.5 u	15	0.027 u	11	6.3	8	0.0049	---	1.2 i
4	G+43 Ft - 1 @ 0.5 Ft.	0.5	3.7 i	10	0.027 u	26	13	23	0.0068	---	1.0 u
4	G+43 Ft - 2 + 40 Ft @ 1.0	1.0	---	---	---	---	---	18	---	---	---
4	G+45.0 FT - 3 + 17.0 FT @ 1.0 FT	1.0	---	---	---	---	---	630	---	---	---
4	G1 + 25 - 0.5 Ft.	0.5	2.5	19	0.079	8.9	18	95	0.021	---	37
4	G1 + 25 - 4 Ft.	4.0	1.4	30	0.0024 u	10	3.1	300	0.005	---	0.092 u
4	G-1 + 25 Ft - 2 Ft	2.0	6.1	50	0.1	12	13	300	0.071	---	8
4	G2 - 4 Ft	4.0	2.5 i	17	0.016 i	19	7.8	160	0.016	---	0.49 u

TABLE 1

SUMMARY OF ANALYTICAL RESULTS FOR SOIL CONFIRMATION SAMPLES
FARMERS FAVORITE FERTILIZER

MOULTRIE, GEORGIA

Reference for Sample Location (Figure No.)	Confirmation Sample Identification Number	Sample Collection Depth (ft-bgs)	TOTAL ARSENIC 41 ¹ mg/kg	TOTAL BARIUM 1,000 ¹ mg/kg	TOTAL CADMIUM 39 ¹ mg/kg	TOTAL CHROMIUM 1,200 ¹ mg/kg	TOTAL COPPER 1,500 ¹ mg/kg	TOTAL LEAD 930 ² (1,303) ² mg/kg	TOTAL MERCURY 17 ¹ mg/kg	TCLP MERCURY 0.002 ³	TOTAL ZINC 2,800 ¹ mg/kg
4	G-3 - 4 Ft	4.0	0.69	14	0.0025 u	7	8.2	2.5	0.016	---	2.5
4	G4 @ 5.0 Ft	5.0	0.47	13	0.0025 u	5.2	2.6	13	0.01	---	2.4
4	G4 + 10 Ft	4.5	9	9.1	1.6	90	200	200	0.063	---	700
4	G5 - 4 Ft	4.0	0.59 u	58	0.18	5.3	42	80	0.038	---	120
4	H + 5 Ft - 3 @ 1.0 Ft	1.0	---	58	---	---	---	84	---	---	---
4	H-2-7S-0.5	0.5	2.3	37	1.1	17	65	350	0.05 u	---	250
4	H-2-7S-2	2.0	3.4	37	0.54	87	28	460	0.05 u	---	57
4	H-2-7S-4	4.0	0.55	25	0.01 u	7	4.4	6.2	0.05 u	---	5.6
4	H-3-4-5S-5	0.5	2.4	46	1.2	24	58	1,200	0.05 u	---	240
4	H-3-4-5S-2	2.0	1.7	45	0.95	16	37	470	0.05 u	---	320
4	H-3-4-5S-4	4.0	0.14 u	13	0.071	1.4	2.1	15	0.05 u	---	15
4	H-4-10S-0.5	0.5	1.8	48	0.43	14	23	260	0.05 u	---	77
4	H-4-10S-2	2.0	1.3	72	0.62	17	37	280	0.05 u	---	68
4	H-4-10S-4	4.0	2	89	1.2	12	45	130	0.05 u	---	100
4	SS-27 @ 6.0 FT	6.0	1.9	16	0.0028 u	12	3.2	4.8	0.0087	---	2.1
7	SS-ES @ 3.0 Ft	3.0	2.5 u	40	0.41	5	17	130	0.062	---	340
7	SS-ES-5.0 FTE @ 2.0 FT	2.0	1.2	26	0.18	16	22	84	0.29	---	190
7	SS-ES-5.0 FTN @ 2.0 FT	2.0	2.0 i	160	0.72	14	100	160	---	---	340
7	SS-ES-5.0 FT S @ 2.0 FT	2.0	1.5	37	1.3	9.1	150	7.6	0.059	---	340
6	SS-ES-5.0 FT W @ 2.0 FT	2.0	0.13 u	6.7	0.027	3.8	2.7	7.4	0.011	---	34
6	SS-N3 @ 0.5 FT	0.5	2.9	43	0.35	11	19	59	0.037	---	69
6	SS-N3 5FT E @ 0.5 FT	0.5	4.8	36	0.28	12	22	63	0.047	---	48
6	SS-N3 5FT N @ 0.5 FT	0.5	3.4	40	0.22	11	21	51	0.042	---	41
6	SS-N3 5FT S @ 0.5 FT	0.5	4.5	45	0.65	27	29	120	0.057	---	220
6	SS-N3 5FT W @ 0.5 FT	0.5	3	48	0.35	9.9	22	59	0.051	---	67

Notes:

ft-bgs = feet below ground surface
mg/kg = milligrams per kilogram.

--- = specified parameter not analyzed.

1 - Corrective action goal based on Type 3 Risk Reduction Standard for soil.

2 - Corrective action goal based on Type 4 Risk Reduction Standard for soil and generated using the Georgia Adult Lead Model. Based on the model, the cleanup goals for lead are 930 mg/kg for soil from ground surface to 2 feet bgs, and 1,303 mg/kg for soil deeper than 2 feet bgs.

3 - Corrective action goal based on Type 1 Risk Reduction Standard for groundwater.

i = The reported value was between the laboratory method detection limit and the laboratory practical quantitation limit.

u = The compound was analyzed for but not detected.

Checked by: MJD

Table G-1 (CAPRepRev)

March 2009

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Revised TABLE 1

SUMMARY OF ANALYTICAL RESULTS FOR SOIL CONFIRMATION SAMPLES FARMERS FAVORITE FERTILIZER

MOULTRIE, GEORGIA

Reference for Sample Location (Figure No.)	Confirmation Sample Identification Number	Sample Collection Depth (ft-lbs)	TOTAL ARSENIC 41 ¹ mg/kg	TOTAL BARIUM 1,000 ¹ mg/kg	TOTAL CADMIUM 39 ¹ mg/kg	TOTAL CHROMIUM 1,200 ¹ mg/kg	TOTAL COPPER 1,500 ¹ mg/kg	TOTAL LEAD 930 ² (1,303) ² mg/kg	TOTAL MERCURY 17 ¹ mg/kg	TCLP MERCURY 0.002 ³	TOTAL ZINC 2,800 ¹ mg/kg
5	A-5 @ 0.5'	0.5	0.43	20	0.29	3.6	1.1	10	0.05 u	---	11
5	A-5 @ 2.0'	2.0	0.24	12	0.069	3.2	1.1	12	0.05 u	---	2.2
7	B+25-7 @ 0.5'	0.5	0.6	17	0.5	5.9	6.8	66	0.05 u	---	69
5	B-5 @ 0.5'	0.5	0.37	19	0.2	4.5	5.3	16	0.05 u	---	41
5	B-5 @ 2.0'	2.0	1.8	12	0.17	1.3	4.1	33	0.05 u	---	14
7	B-6 @ 0.5'	0.5	0.36	26	0.01 u	3.2	2.7	16	0.05 u	---	25
7	B-6 @ 2.0'	2.0	0.14	14	0.01 u	1.1	0.41	23	0.05 u	---	0.61
5	C+23.0 FT - 2 @ 0.5 FT	0.5	0.58	30	0.0073 ¹	1.6	2.2	68	0.011	---	0.29 ¹
5	C+23.0 FT - 3 @ 2.0 FT	2.0	0.68	130	0.01 u	2.0	1.3	30	0.025	---	11
5	C+31.0 FT - 3 @ 4.0 FT	4.0	0.46	12	0.0034 u	4.7	2.6	7.7	0.024	---	1.9
5	C+31.0 FT - 2 @ 2.0 FT	2.0	0.76	29	0.0035 u	0.4	0.4	57	0.0037 ¹	---	0.65
5	C+31.0 FT - 2 @ 4.0 FT	4.0	0.81	55	0.0029 u	0.53	0.78	36	0.0059	---	0.88
5	C+32.0 FT - 1 @ 4.0 @ 0.5 FT	0.5	0.7	42	0.07	2.8	4.4	210	0.037	---	1.0 ¹
5	C-3 @ 0.5 FT	0.5	0.66 u	40	0.08	11	23	410	0.051	---	6.6
7	C-7 + 25.0 FT - 9.0 FT S @ 0.5 FT	0.5	0.69 u	66	0.9	27	68	410	0.1	---	21.0
7	C-7 + 31.0 FT - 11.0 FT N @ 0.5 FT	0.5	0.13 u	14	0.078	4.9	6	27	0.032	---	25
7	C-7 + 31.0 FT @ 0.5 FT	0.5	0.34 ¹	43	0.36	12	52	100	0.13	---	18.0
7	C-7 + 31.0 FT @ 2.0 FT	2.0	0.13 u	13	0.69	5.1	6.6	27	0.13	---	26
5	C+13-2 + 34.0 FT @ 0.5 FT	0.5	1	25	0.0024 u	11	52	87	0.067	---	0.27 ¹
7	C+44-7+23 @ 2.0'	2.0	1.2	35	0.01 u	7.3	15	63	0.05	---	5
7	C+45-7+27 @ 0.5'	0.5	0.2	37	0.11	1.3	0.47	3.5	0.05	---	11
5	C-4 @ 0.5 FT	0.5	3.7	22	0.012 u	27	20	76	0.032	---	4.8
5	C-4 @ 2.0 FT	2.0	4.5	17	0.14	45	17	99	0.053	---	10
5	C-4 @ 4.0 FT	4.0	0.67	17	0.014	4	3	3.7	0.0071	---	5.4
5	C-5 @ 4.0 FT	4.0	1	29	0.084	3.4	5.3	12	0.024	---	28
5	C-5 @ 0.5'	0.5	0.19	63	0.01 u	2.8	2.4	38	0.05 u	---	7.2
5	C-5 @ 2.0'	2.0	1.7	12	0.14	15	3.8	15	0.05 u	---	11
7	C-6 @ 2.0'	2.0	0.7	26	0.096	4.1	5.5	49	0.05 u	---	8.4
7	C-7 @ 2.0'	2.0	2.4	33	0.39	9.8	39	350	0.05 u	---	29
7	C-7 @ 2.5 @ 0.5'	0.5	1.2	43	0.8	16	23	1,600	0.05 u	---	100
4	D+30 FT - 3 @ 4.5 FT	4.5	1.9	8.2	0.0027 u	12	4.9	5.6	0.0068	---	0.10 u
4	D+35.0 FT + 10.0 FT @ 5.0 FT	5.0	0.44 ¹	13	0.0027 u	7.9	2	3.6	0.015	---	3.1
4	D+40.0 FT - 3 + 15.0 FT @ 5.0 FT	5.0	0.98	16	0.0026 u	9.3	2.9	5.5	0.013	---	2.9
4	D+40.0 FT - 5 + 5.0 FT @ 5.0 FT	5.0	0.71	14	0.0026 u	5.9	1.6	5.8	0.011	---	1.9
4	D+45 FT - 1 @ 4.0 FT	4.0	8.3	14	0.16	18	2	8.8	0.0062	---	0.53 u
4	D+45.0 FT - 5 + 10.0 FT @ 5.0 FT	5.0	0.86	14	0.0028 u	3.9	1.5	6.1	0.0051	---	0.16 ¹
5	D+5-2 @ 4.0 FT	4.0	4.5	28	0.0067 ¹	2.4	2.1	22	0.0085	---	0.16 ¹
5	D-1 + 4.0 FT @ 0.5 FT	0.5	0.92	31	0.0025	1.2	0.98	21	0.05	---	1.2
5	D-1 + 4.0 FT @ 2.0 FT	2.0	2.2	21	0.0025	3.2	0.7	19	0.032	---	0.093 u
5	D-1 + 4.5 FT @ 4.0 FT	4.0	4.3	35	0.010 ¹	2.4	1.7	16	0.0029 ¹	---	0.11
5	D-2 + 5 @ 4.0 FT	4.0	4	27	0.0032	2.1	0.68	20	0.0048 ¹	---	1
5	D-3 @ 4.0 FT	4.0	3.3	45	0.0025 u	8.6	1.6	92	0.022	---	0.095 u

Table G-1 (CAPRepRev)

March 2009

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Revised TABLE 1

SUMMARY OF ANALYTICAL RESULTS FOR SOIL CONFIRMATION SAMPLES
FARMERS FAVORITE FERTILIZER

MOULTRIE, GEORGIA

Reference for Sample Location (Figure No.)	Confirmation Sample Identification Number	Sample Collection Depth (ft-bgs)	TOTAL ARSENIC 41 ¹ mg/kg	TOTAL BARIUM 1,000 ¹ mg/kg	TOTAL CADMIUM 39 ¹ mg/kg	TOTAL CHROMIUM 1,200 ¹ mg/kg	TOTAL COPPER 1,500 ¹ mg/kg	TOTAL LEAD 930 ² (1,303) ² mg/kg	TOTAL MERCURY 17 ¹ mg/kg	TCLP MERCURY 0.002 ³	TOTAL ZINC 2,800 ¹ mg/kg
4	D+34 Fl-3 @ 4.5 Ft.	4.5	1.6	23	0.0073	3.3	2.2	390	0.032	---	4
4	D+40 0 - 2+30.0 Ft. @ 4.5	4.5	0.6	33	0.0026	0.73	0.75	69	0.0011	---	1.2
4	D+40 0 - 3+20.0 Ft. @ 4.5	4.5	1.2	11	0.0066	2.1	1.6	58	0.014	---	1.5
7	D+20-7+10 @ 7	7.0	0.45	32	0.01	7.2	2.6	20	0.05 u	---	3.7
5	D+20-7+10 @ 5	5.0	1.5	53	2.6	12	4.6	15	0.05 u	---	12.00
5	D-1 + 4.0 Ft @ 3.0 FT	3.0	1.7	33	0.013	13	1.8	9.6	0.0079	---	0.48 u
3	D-2 @ 6.0 FT	6.0	5.3	12	0.13	18	5.2	15	0.0079	---	0.51 u
5	D-4 @ 4.0 Ft.	4.0	0.23	17	0.0024	3.4	3.4	23	0.035	---	3.3
5	D-5 @ 4.0 FT	4.0	0.13	27	0.024	3.6	5.5	65	0.02	---	2
7	D-6 @ 4.0 FT	4.0	0.87	22	0.079	2.7	11	51	0.018	---	33
7	D-6 @ 2.0'	2.0	0.14	5.7	0.01 u	0.84	0.18	2.1	0.05 u	---	0.002 u
7	D-7 @ 2.0'	2.0	0.15	11	0.01 u	2.4	0.97	9.2	0.05 u	---	4.9
4	E-5 @ 4.0 Ft.	4.0	0.46	22	0.025	3	7.3	32	0.0042	---	3.8
6	E-6 @ 4.0 Ft.	4.0	19	130	3.1	39	92	490	0.011	---	720
6	E-7 @ 4.0 Ft.	4.0	0.95 u	200	0.2	7.1	36	18	0.031	---	52
4	E+25 Fl-3 @ 8.0 Ft.	8.0	2.5	8.3	0.027	19	18	580	0.0026	---	1.0 u
4	E+35 Fl-3 @ 10.0 Ft.	10.0	2.2	14	0.0025	16	7.5	7.6	0.0074	---	3.1
4	E+30 Fl-2 + 28 Fl @ 8.0 Ft.	8.0	1.5	16	0.027	19	5.6	17	0.0032	---	1
4	E+40 Fl-3 + 7.0 Ft. @ 8.0 Ft.	8.0	2	31	0.036	15	11	36	0.0024	---	6.1
6	E+40.0 Ft - 6 + 40.0 @ 2.0 FT	2.0	---	---	---	---	---	---	---	---	---
4	E+15 Fl-3 + 30 Ft. @ 4.5 Ft.	4.5	0.36	22	0.023	2.1	1.6	28	0.0058	---	1.5
4	E+27 Fl-2 + 30 Ft. @ 4.5	4.5	3.3	43	0.0032	2.5	0.9	150	0.0032	---	0.12 u
4	E-1 + 5.0 Ft. @ 2.0 Ft.	2.0	0.66	18	0.017	7.4	17	9.8	0.026	---	4.5
4	E-1 + 5.0 Ft. @ 3.0 Ft.	3.0	2.3	27	0.054	3.6	13	12	0.033	---	0.62 u
4	E-1 + 5.0 Ft. @ 0.5 Ft.	0.5	0.7	16	0.033	9.4	5.3	18	0.038	---	0.049 u
4	E-2 @ 4.0 Ft.	4.0	1.7	21	0.023	13	11	6.3	0.0045	---	1.4
4	E-3 @ 6.0 Ft.	6.0	0.49	9.4	0.0026	17	4.8	23	0.006	---	3
4	E-4 @ 4.0 Ft.	4.0	0.59	14	0.0023	1.9	1.1	81	0.018	---	3
6	E-7 @ 0.5'	0.5	0.53	21	0.52	9.4	2.9	48	0.05 u	---	32
4	F-1 + 10 Ft. @ 0.5 Ft.	0.5	1.5	13	0.037	13	8.5	13	0.01	---	1.4
4	F-1 + 10 Ft. @ 2.0 Ft.	2.0	3.2	29	0.047	7.7	6.8	260	0.078	---	1.5
4	F-1 + 10 Ft. @ 3.0 Ft.	3.0	5.4	99	0.059	11	7.1	110	0.053	---	68
4	F-2 @ 4.0 Ft.	4.0	3.1	19	0.01	3.9	1.1	97	0.012	---	0.094 u
4	F-3 @ 8.0 Ft.	8.0	1.3	13	0.0027	14	4.2	16	0.0038	---	2.3
4	F-4 @ 4.0 Ft.	4.0	0.99	18	0.3	7.9	10	430	0.014	---	46
6	F+10 FT - 6 + 30.0 FT @ 2.0 FT	2.0	---	---	---	---	---	---	---	---	---
4	F+12.0 FT - 3 + 30.0 FT @ 0.5 FT	0.5	0.14 u	9.5	0.0025	8	2.4	8.7	0.0026	---	3.1
4	F+16.0 FT - 3 + 23.0 FT @ 0.5 FT	0.5	0.63	11	0.0026	10	7.7	7	0.0032	---	2
4	F+16.0 FT - 3 + 22 FT @ 6.5 FT	6.5	5.8	27	0.0051	9	5.4	32	0.0093	---	14
4	F+16.0 FT - 3 + 36.0 FT @ 6.5 FT	6.5	0.73 u	14	0.0087	19	4.3	7.3	0.0027	---	8
4	F+20.0 FT - 3 + 36.0 FT @ 7.0 FT	7.0	2.7	19	0.36	6.5	7.1	140	0.024	---	330

Table G-1 (CAPRepRev)

March 2009

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Revised TABLE 1
SUMMARY OF ANALYTICAL RESULTS FOR SOIL CONFIRMATION SAMPLES
FARMERS FAVORITE FERTILIZER
MOUTRIE, GEORGIA

Reference for Sample Location (Figure No.)	Confirmation Sample Identification Number	Sample Collection Depth (ft-bgs)	TOTAL ARSENIC 41 ¹ mg/kg	TOTAL BARIUM 1,000 ¹ mg/kg	TOTAL CADMIUM 39 ¹ mg/kg	TOTAL CHROMIUM 1,200 ¹ mg/kg	TOTAL COPPER 1,500 ¹ mg/kg	TOTAL LEAD 930 ² (1,303) ² mg/kg	TOTAL MERCURY 17 ¹ mg/kg	TCLP MERCURY 0.002 ¹	TOTAL ZINC 2,800 ¹ mg/kg
4	F + 25.0 FT - 3 + 30.0 FT @ 7.0 FT	7.0	1.4	12	0.0026 u	11	3.6	6.9	0.0048	---	5.6
4	F + 40 FT - 4 + 4.5 FT	4.5	0.38	20	0.0025	5.7	2.7	5.9	0.0061	---	1.8
4	F-3 @ 4 FT	4.0	4.9	23	0.021	3.2	5.7	6.70	0.071	---	0.092 u
4	F-5 @ 4.0 FT	4.0	1	49	1.1	12	43	99	0.071	---	550
6	F-6 + 34.0 FT - E @ 2.0 FT	2.0	13	100	5.8	77	340	2,200	0.46	---	2,800
6	F-6 + 40.0 FT @ 2.0 FT	2.0	---	---	---	---	---	1.5	---	---	2.1
6	F-6 @ 3.0 FT	4.0	11	190	1.3	28	100	400	46	0.000050 u	480
6	F-6 + 34.0 FT - E @ 0.5 FT	0.5	30	64	1.7	30	180	820	0.19	---	920
6	F-6 + 34.0 FT - E @ 4.0 FT	4.0	0.14 u	11	0.0027 u	2.2	2.2	4.8	0.0067	---	7.6
4	G + 3 FT - 6 @ 0.5 FT	0.5	1.5	32	0.8	20	68	93	0.05	---	200
4	G + 3 FT - 6 @ 2.0 FT	2.0	0.73	38	0.84	19	60	130	0.032	---	310
4	G + 3 FT - 6 @ 4.0 FT	4.0	5.4	140	2.7	43	240	700	1.5	---	800
4	G + 21 - 5 @ 4.0 FT	4.0	37	230	7.5	94	580	520	0.61	---	3,000
4	G + 21 - 5 @ 5.0 FT	5.0	---	---	---	---	---	---	---	---	85
4	G + 22.0 FT - 5 + 10.0 FT @ 0.5 FT	0.5	2.5	90	0.55	32	39	130	0.085	---	120
4	G + 23.0 FT - 5 + 10.0 FT @ 2.0 FT	2.0	0.79 u	130	2.8	34	110	540	0.58	---	940
4	G + 22.0 FT - 5 + 10.0 FT @ 4.0 FT	4.0	---	---	---	---	---	---	---	---	500
4	G + 25.0 FT - 4 + 40.0 FT @ 0.5 FT	0.5	0.85 u	140	5.8	52	560	500	0.48	---	3,000
4	G + 25.0 FT - 4 + 40.0 FT @ 2.0 FT	2.0	1.5	65	0.91	19	130	340	0.31	---	340
4	G + 25.0 FT - 4 + 40.0 FT @ 4.0 FT	4.0	---	---	---	---	---	---	---	---	---
4	G + 3 + 25.0 FT @ 5.0 FT	5.0	0.70 u	21	0.0026	14	5.3	13	0.0082	---	0.49
4	G + 30.0 FT @ 5.0 FT	5.0	0.49	16	0.045	7.1	9.3	1,600	0.028	---	18
4	G + 3 FT - 4 + 4.5 FT	4.5	0.87	20	0.05	13	23	57	0.0092	---	11
4	G + 30 FT - 4 + 19 FT @ 0.5 FT	0.5	---	---	---	---	---	---	---	---	360
4	G + 31 FT - 4 @ 5.0	5.0	0.14 u	62	0.0090	2.3	1	14	0.0065	---	5.2
4	G + 33 FT - 1 @ 0.5 FT	0.5	1.4 u	89	0.026 u	20	11	19	0.0056	---	0.99 u
4	G + 35 FT - 4 + 2.0 FT @ 6.5	6.5	0.41	87	0.0076	3.4	8	6.6	0.0083	---	7.2
4	G + 35 FT - 4 + 32 FT @ 0.5 FT	0.5	---	---	---	---	---	---	---	---	2,600
4	G + 35 FT - 3 + 47 FT @ 5.0	5.0	0.15 u	60	0.987	2.5	16	34	0.18	---	21
4	G + 35 FT - 4 + 7.0 FT @ 5.0	5.0	1.6 u	43	0.039 u	10	4.8	16	0.039	---	6.6
4	G + 35.0 FT - 5 @ 0.5 FT	0.5	0.13 u	18	0.32	14	190	62	0.031	---	320
4	G + 35.0 FT - 5 @ 4.0 FT	4.0	---	---	---	---	---	---	---	---	780
4	G + 35.0 FT - 5 @ 2.0 FT	2.0	6.3	210	2	39	540	790	1.7	---	900
4	G + 38 FT - 0 + 49 FT @ 0.5 FT	0.5	1.4 u	18	0.026 u	11	7.3	15	0.0068	---	4.7
4	G + 38 FT - 1 @ 1.0 FT	1.0	1.4 u	16	0.026 u	7.5	5.3	7.8	0.0055	---	4.6
4	G + 38 FT - 1 + 7.0 FT @ 0.5 FT	0.5	1.5 u	15	0.027 u	11	6.3	8	0.0049	---	1.2
4	G + 43 FT - 1 @ 0.5 FT	0.5	3.7	10	0.027 u	26	13	23	0.0068	---	1.0 u
4	G + 45 FT - 2 + 40 FT @ 1.0	1.0	---	---	---	---	---	18	---	---	---
4	G + 45.0 FT - 3 + 17.0 FT @ 1.0 FT	1.0	---	---	---	---	---	630	---	---	---
4	G1 + 25 - 0.5 FT	0.5	2.5	19	0.079	8.9	18	95	0.031	---	3.7
4	G1 + 25 - 4 FT	4.0	1.4	30	0.0024 u	10	3.1	1.8	0.005	---	0.092 u
4	G-1 + 25 FT - 3 FT	2.0	6.1	50	0.1	12	13	300	0.071	---	8





FIGURES G-1

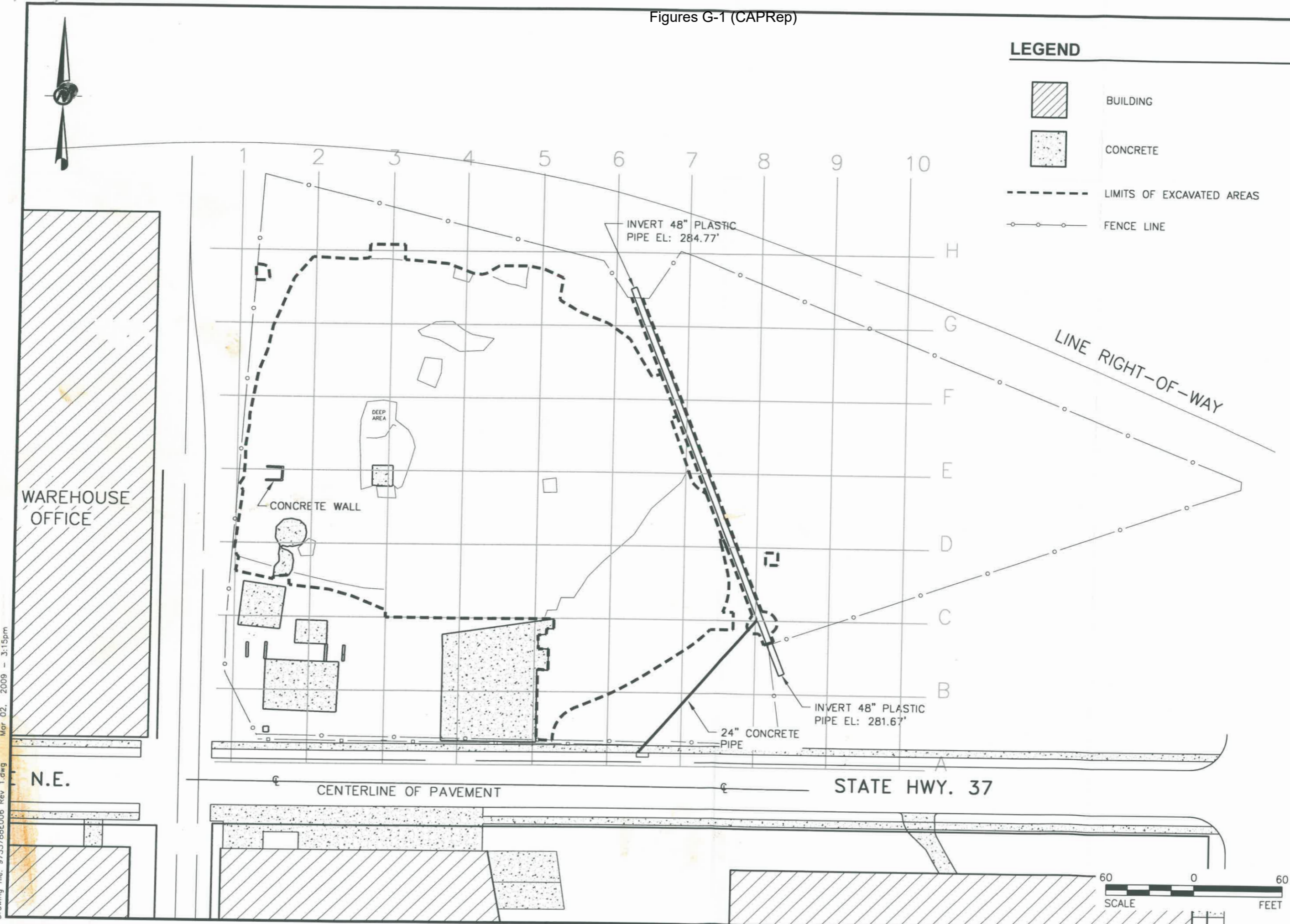
PROJECT

TITLE

PROJECT No.	973-3788	
FILE No.	9733788E006	
REV. 1	SCALE	AS SHOWN
DESIGN	MJD	05/24/06
CADD	MRM	03/02/09
CHECK	RFM	03/02/09
REVIEW	JPO	03/02/09

LEGEND

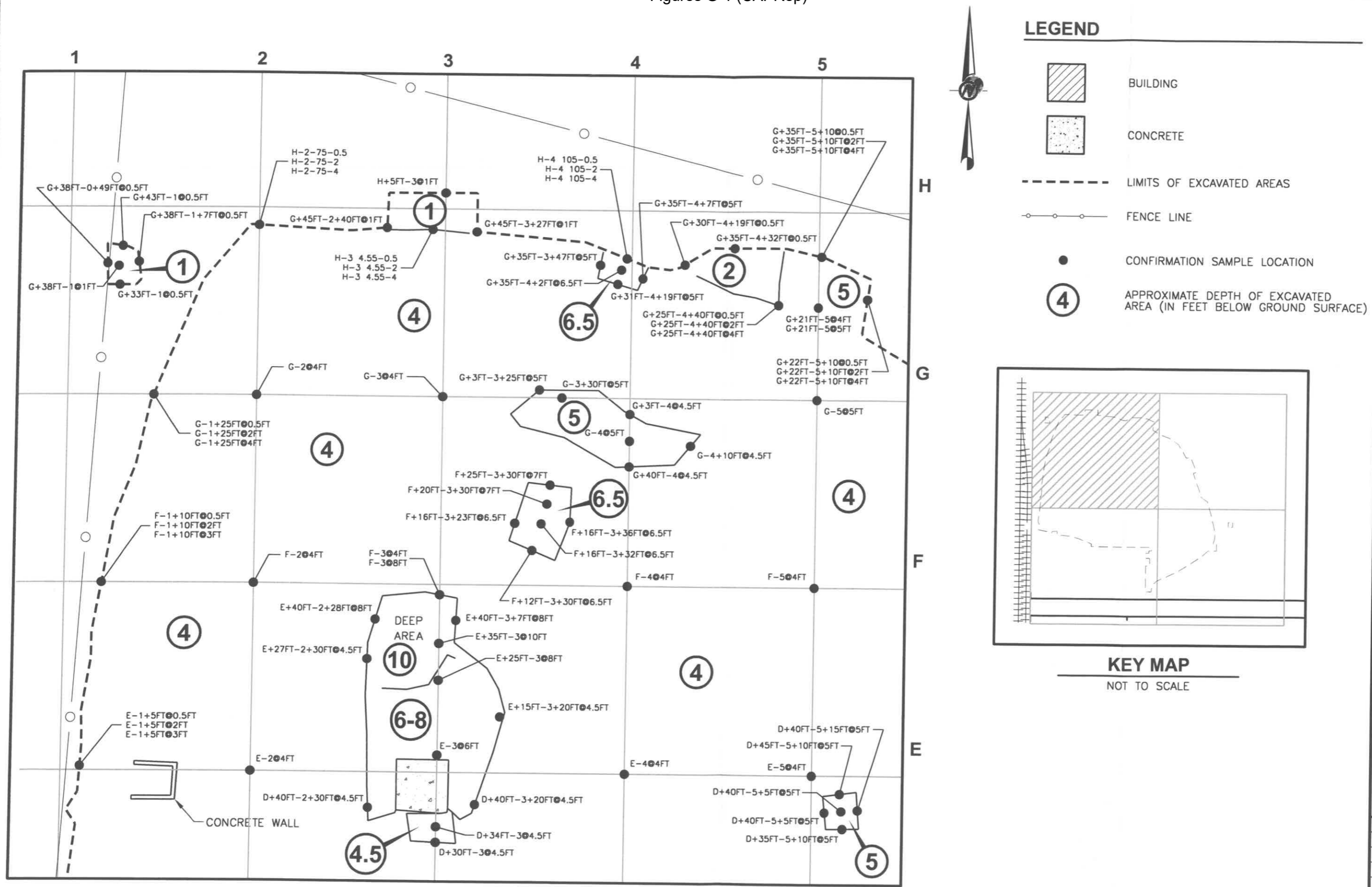
-  BUILDING
-  CONCRETE
-  LIMITS OF EXCAVATED AREAS
-  FENCE LINE



Drawing file: 9733788E006 Rev 1.dwg Mar 02, 2009 - 3:15pm

N.E.

Figures G-1 (CAPRep)



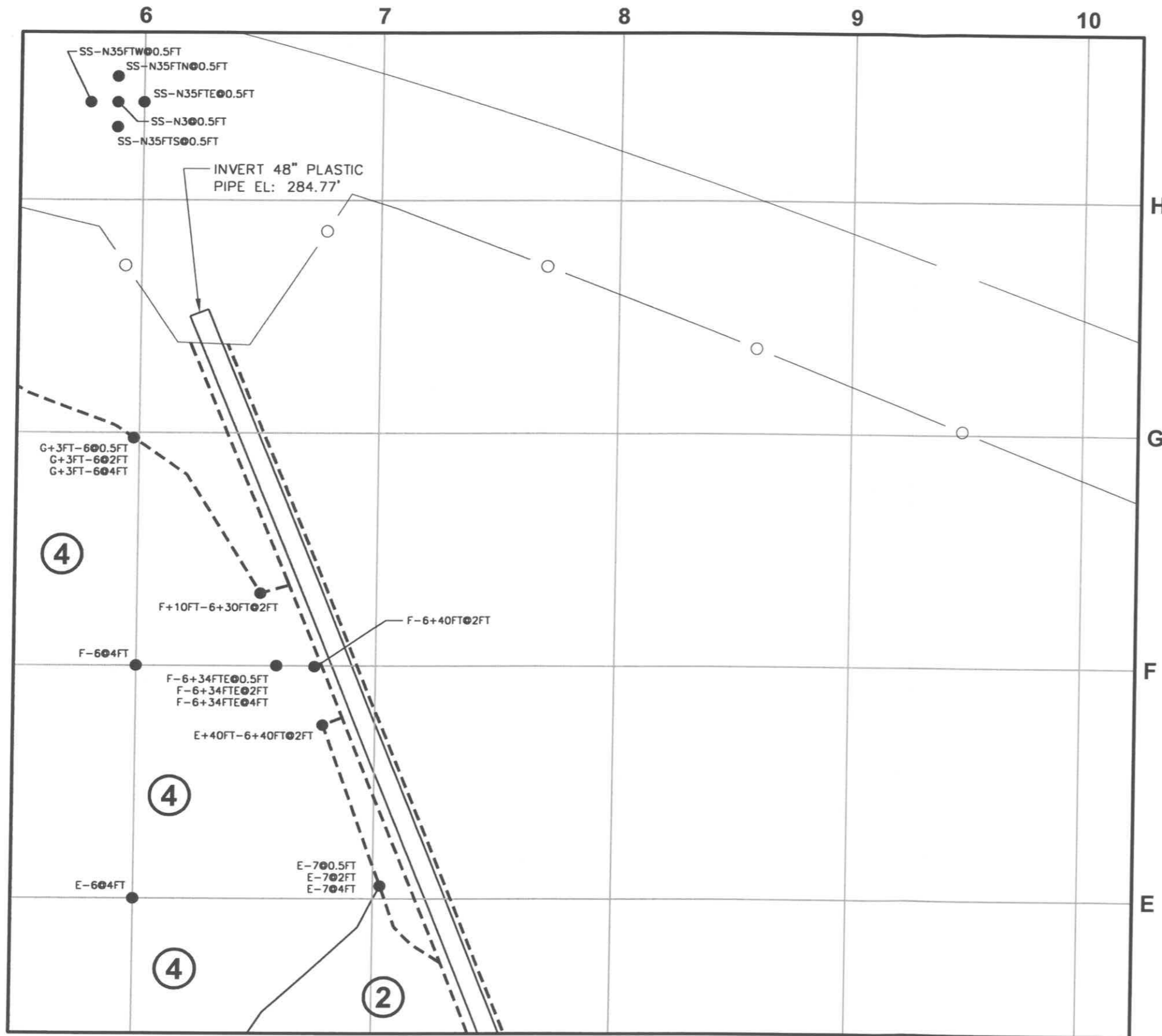
PROJECT
**FORMER FAVORITE FERTILIZER
 CORRECTIVE ACTION FOR SOIL
 MOULTRIE, GA**

TITLE
**CONFIRMATION SAMPLE
 LOCATIONS
 - NW Quadrant -**







PROJECT No.	973-3788
FILE No.	9733788E002
REV. 1	SCALE AS SHOWN
DESIGN	MJD 05/24/06
CADD	RFM 01/29/09
CHECK	RFM 03/02/09
REVIEW	JPO 03/02/09

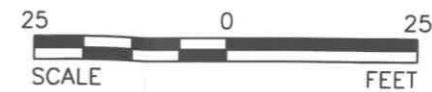
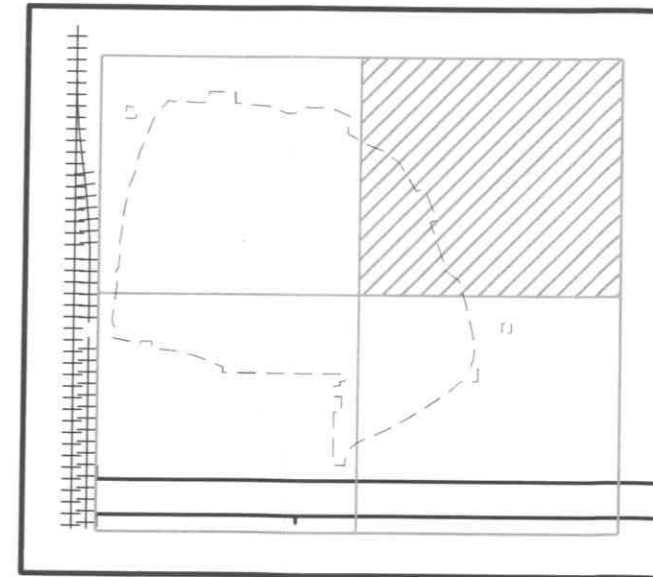
FIGURE 4

Drawing file: 9733788E002 Rev 1.dwg Mar 02, 2009 - 3:15pm



LEGEND

-  BUILDING
-  CONCRETE
-  LIMITS OF EXCAVATED AREAS
-  FENCE LINE
-  CONFIRMATION SAMPLE LOCATION
-  APPROXIMATE DEPTH OF EXCAVATED AREA (IN FEET BELOW GROUND SURFACE)



FORMER FAVORITE FERTILIZER
CORRECTIVE ACTION FOR SOIL
MOULTRIE, GA

PROJECT

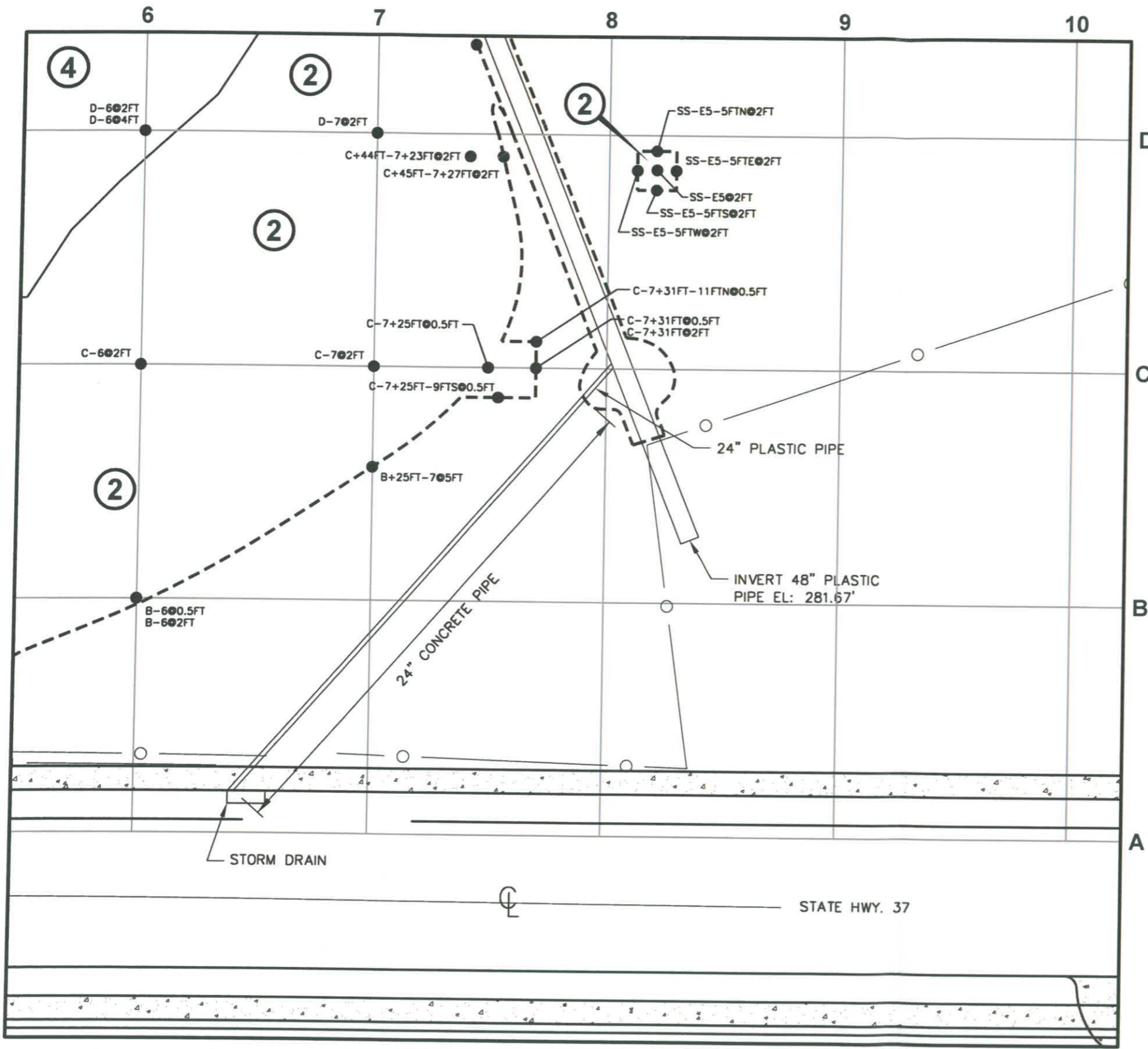
CONFIRMATION SAMPLE
LOCATIONS
- NE Quadrant -

TITLE







PROJECT No.	973-3788
FILE No.	9733788E004
REV. 1	SCALE AS SHOWN
DESIGN	MJD 05/24/06
CADD	MRM 03/02/09
CHECK	RFM 03/02/09
REVIEW	JPO 03/02/09

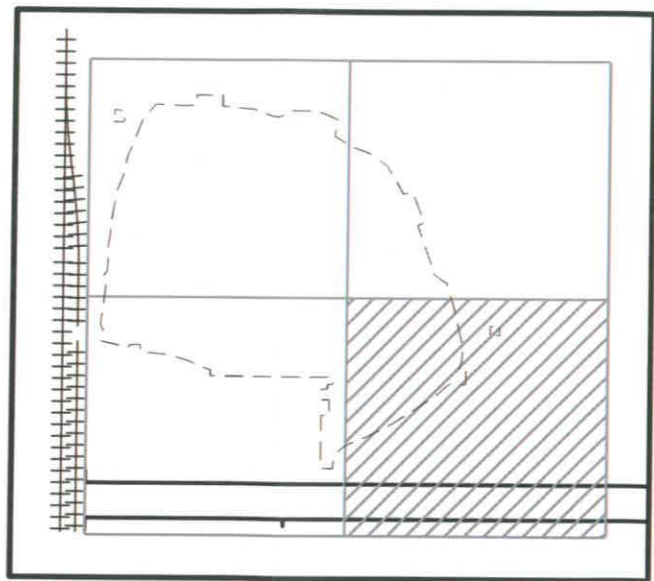
FIGURE 6

Figures G-1 (CAPRep)



LEGEND

-  BUILDING
-  CONCRETE
-  LIMITS OF EXCAVATED AREAS
-  FENCE LINE
-  CONFIRMATION SAMPLE LOCATION
-  APPROXIMATE DEPTH OF EXCAVATED AREA (IN FEET BELOW GROUND SURFACE)



FORMER FAVORITE FERTILIZER
CORRECTIVE ACTION FOR SOIL
MOULTRIE, GA

CONFIRMATION SAMPLE
LOCATIONS
- SE Quadrant -

PROJECT No.	973-3788
FILE No.	9733788E005
REV. 1	SCALE AS SHOWN
DESIGN	MJD 05/24/06
CADD	MRM 03/02/09
CHECK	RFM 03/02/09
REVIEW	JPO 03/02/09

FIGURE 7

Drawing file: 9733788E005 Rev 1.dwg Mar 02, 2009 - 3:11pm

Figure G-1 (CAPRepRev)



FORMER FAVORITE FERTILIZER
CORRECTIVE ACTION FOR SOIL
MOULTRIE, GA

PROJECT

OVERVIEW OF SITE
CONSTRUCTION LAYOUT

TITLE

PROJECT No.	973-3788	
FILE No.	9733788E001	
REV. 0	SCALE	AS SHOWN
DESIGN	MJD	05/24/06
CADD	MRM	06/27/06
CHECK	<i>MRM</i>	8/15/06
REVIEW	<i>MRM</i>	8/15/06

FIGURE 2

LEGEND



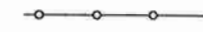
BUILDING



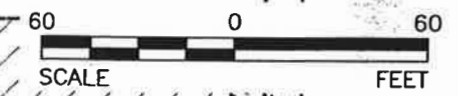
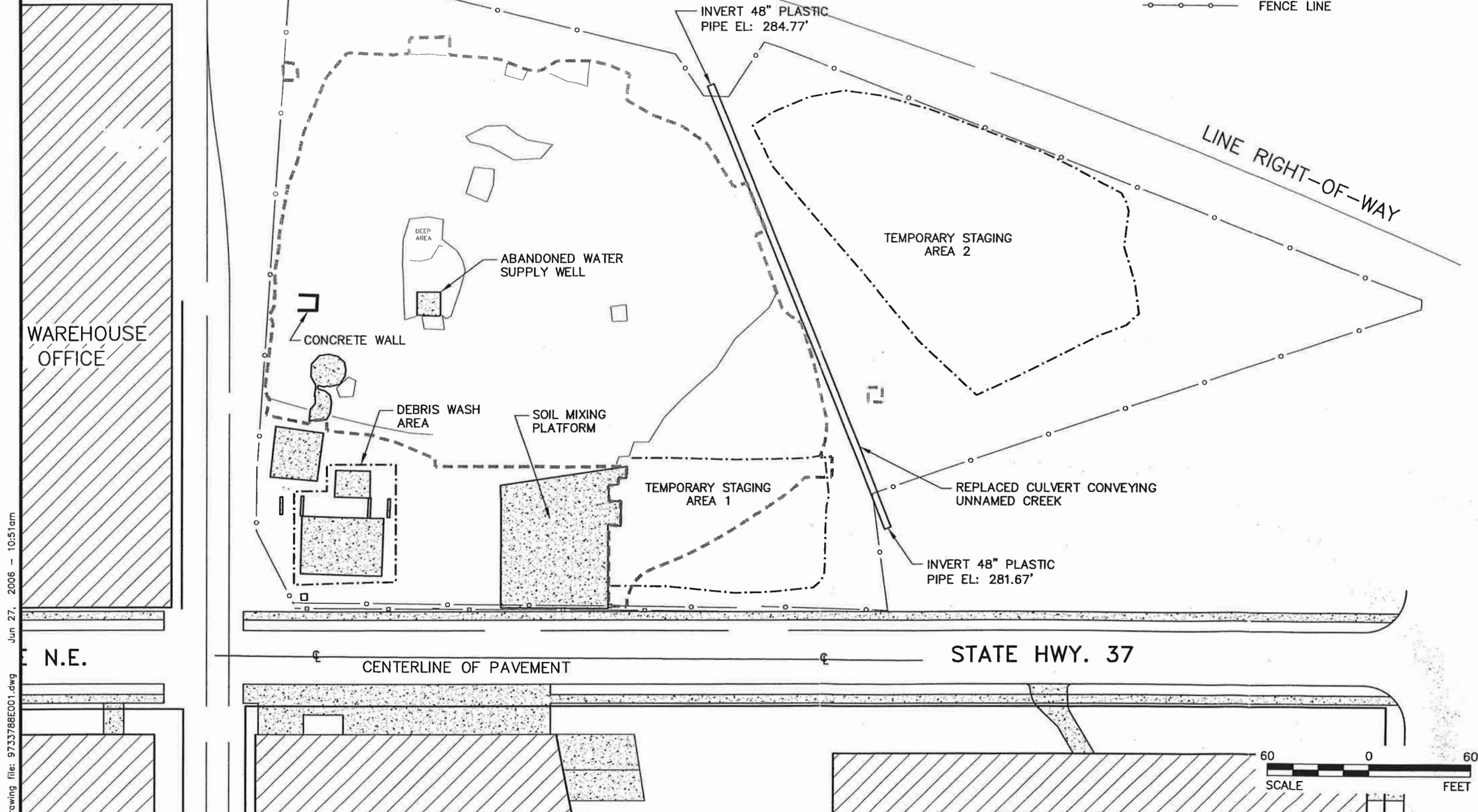
CONCRETE



LIMITS OF EXCAVATED AREAS



FENCE LINE



Drawing file: 9733788E001.dwg Jun 27, 2006 - 10:51am

N.E.

Figure G-1 (CAPRepRev)







PROJECT
 FORMER FAVORITE FERTILIZER
 CORRECTIVE ACTION FOR SOIL
 MOULTRIE, GA

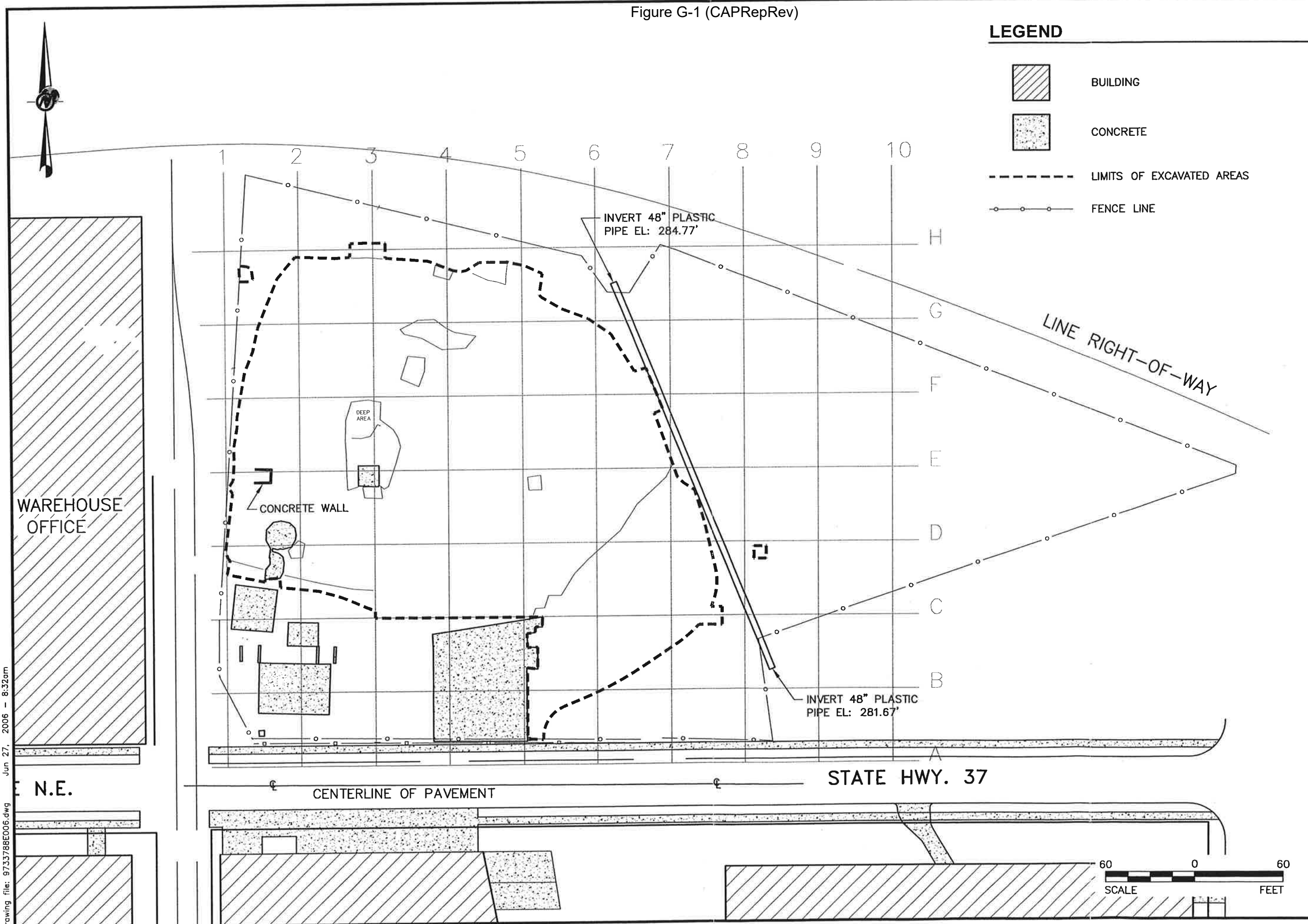
TITLE
**OVERVIEW OF COMPLETED
 SOIL REMOVAL AREA**

PROJECT No.	973-3788
FILE No.	9733788E006
REV. 0	SCALE AS SHOWN
DESIGN	MJD 05/24/06
CADD	MRM 06/27/06
CHECK	<i>[Signature]</i> 8/15/06
REVIEW	<i>[Signature]</i> 8/15/06

FIGURE 3

LEGEND

-  BUILDING
-  CONCRETE
-  LIMITS OF EXCAVATED AREAS
-  FENCE LINE



Drawing file: 9733788E006.dwg Jun 27, 2006 - 8:32am

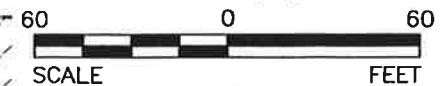
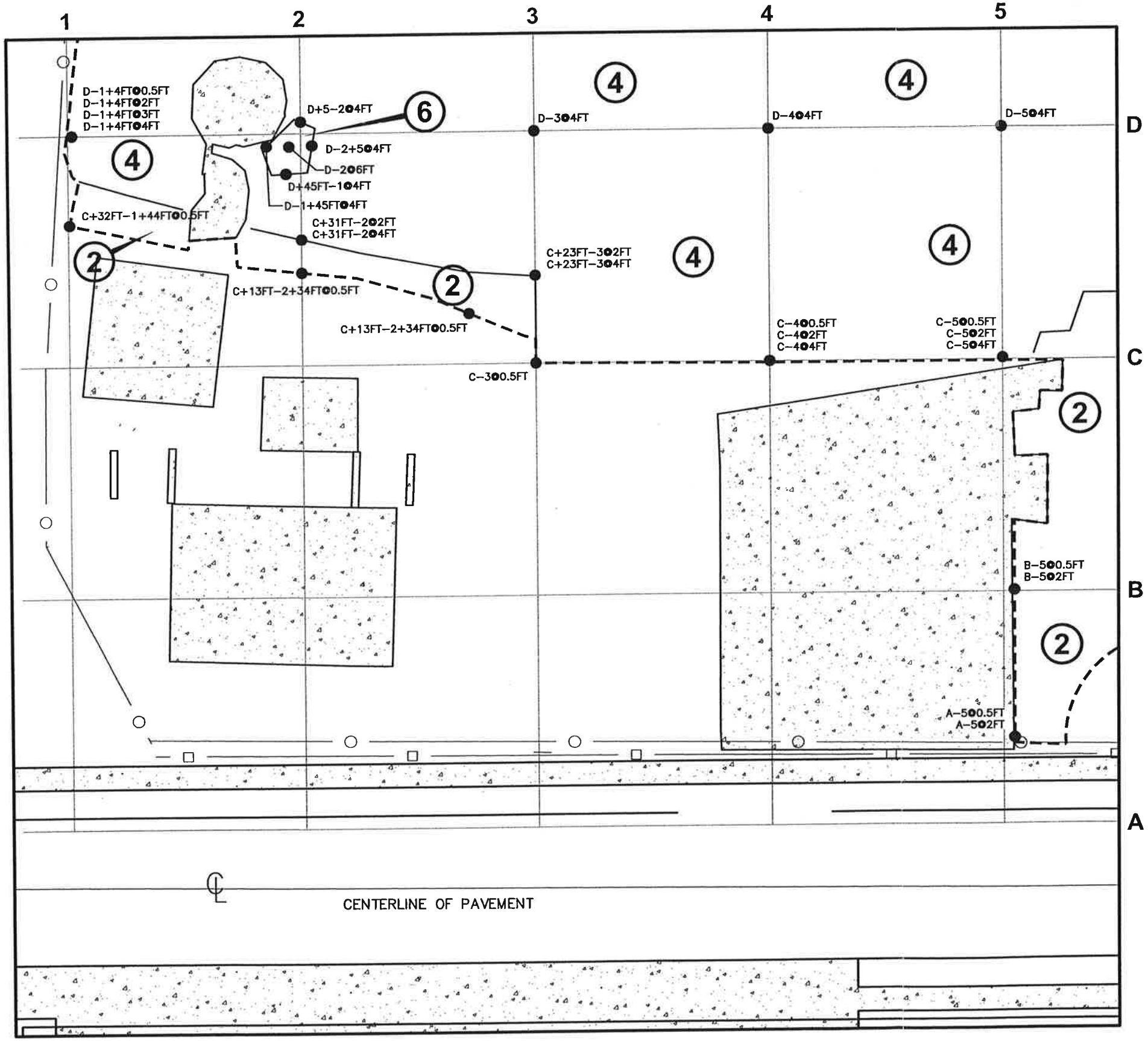






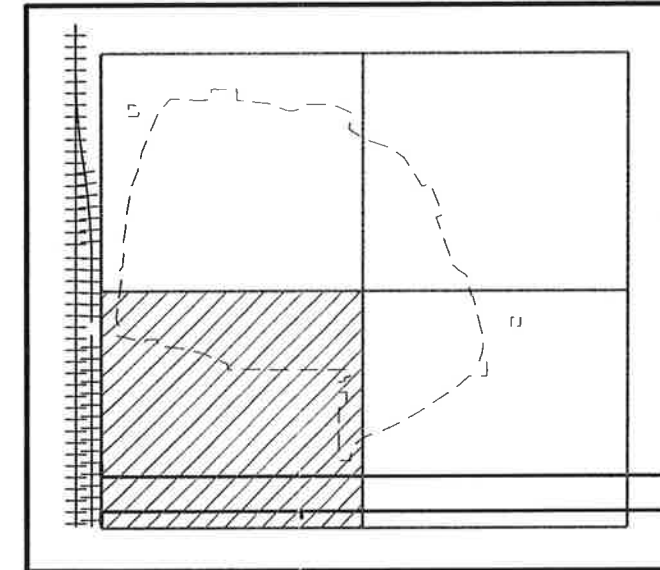


Figure G-1 (CAPRepRev)

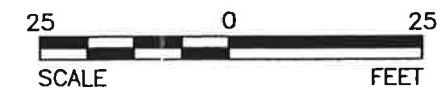


LEGEND

-  BUILDING
-  CONCRETE
-  LIMITS OF EXCAVATED AREAS
-  FENCE LINE
-  CONFIRMATION SAMPLE LOCATION
-  APPROXIMATE DEPTH OF EXCAVATED AREA (IN FEET BELOW GROUND SURFACE)



KEY MAP
NOT TO SCALE



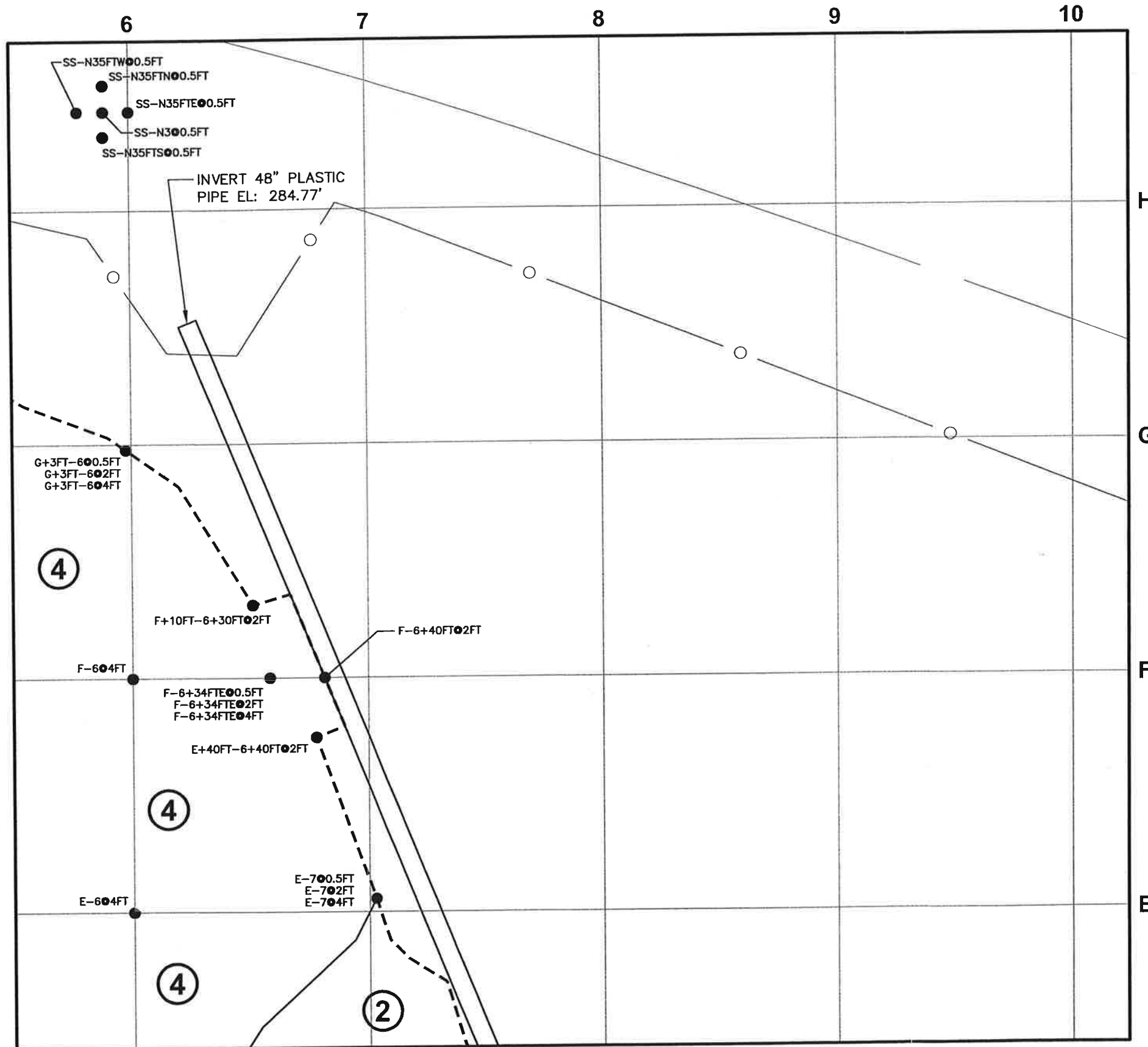
PROJECT
FORMER FAVORITE FERTILIZER
CORRECTIVE ACTION FOR SOIL
MOULTRIE, GA

TITLE
**CONFIRMATION SAMPLE
LOCATIONS
- SW Quadrant -**







PROJECT No.	973-3788
FILE No.	9733788E003
REV. 0	SCALE AS SHOWN
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CHECK	<i>[Signature]</i> 8/15/06
REVIEW	<i>[Signature]</i> 8/15/06

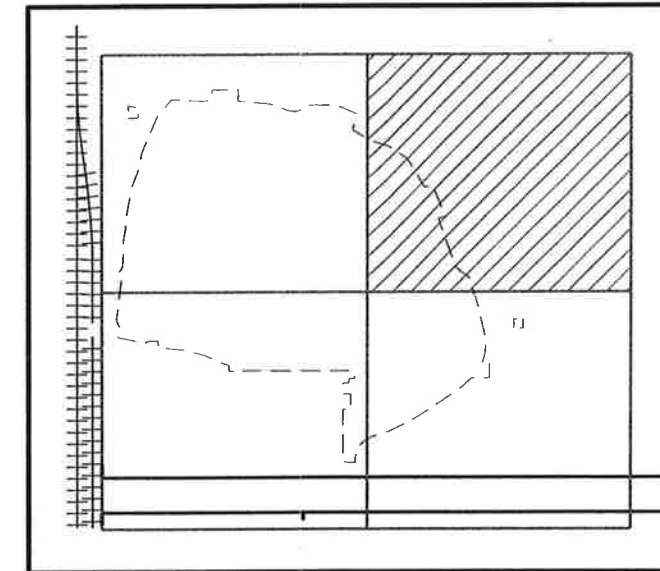
FIGURE 5

Figure G-1 (CAPRepRev)

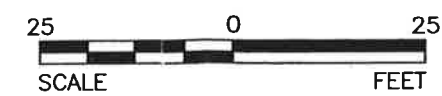


LEGEND

-  BUILDING
-  CONCRETE
-  LIMITS OF EXCAVATED AREAS
-  FENCE LINE
-  CONFIRMATION SAMPLE LOCATION
-  APPROXIMATE DEPTH OF EXCAVATED AREA (IN FEET BELOW GROUND SURFACE)



KEY MAP
NOT TO SCALE



Drawing file: 9733788E004.dwg Jun 27, 2006 - 8:49am



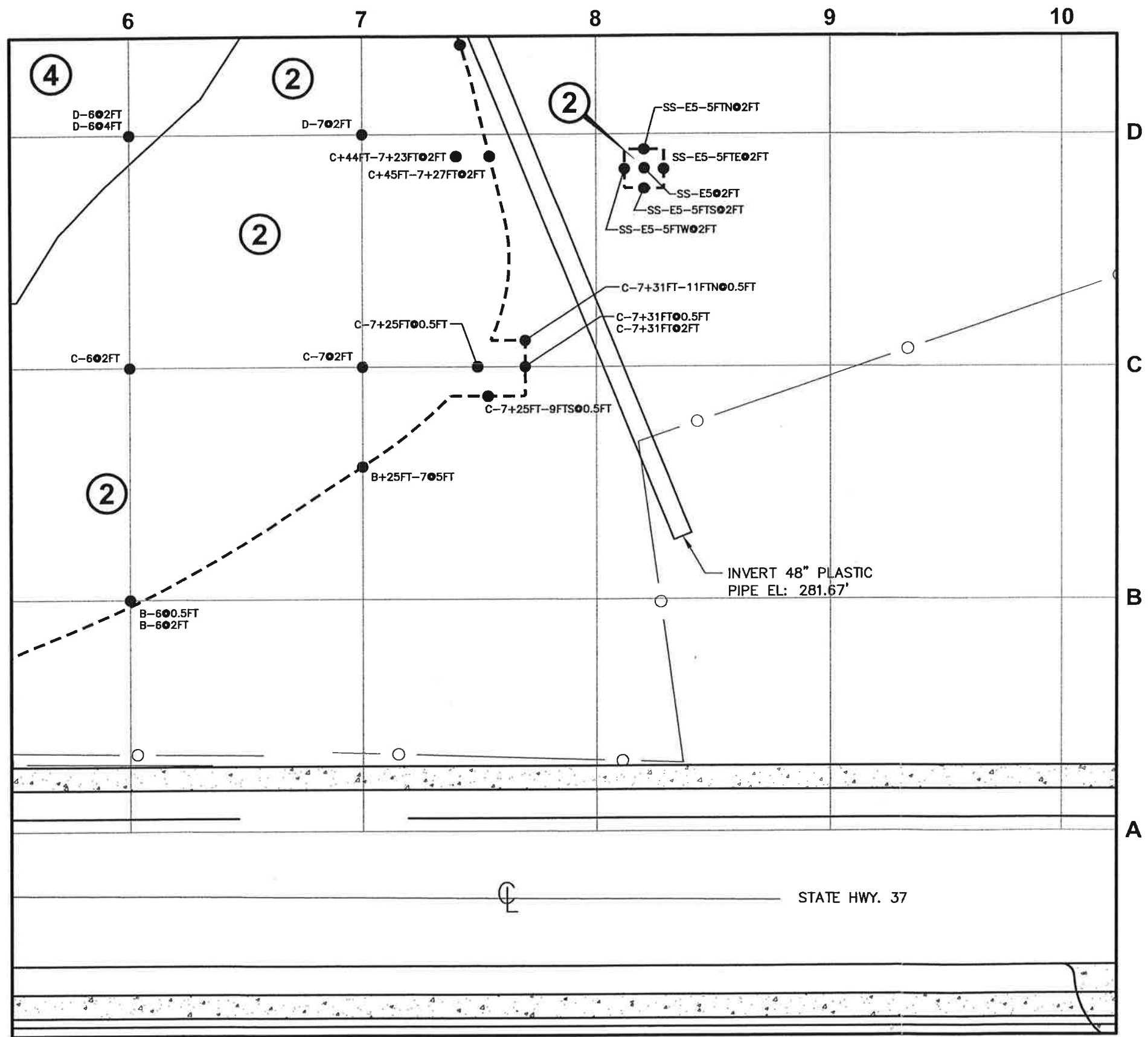
PROJECT
FORMER FAVORITE FERTILIZER
CORRECTIVE ACTION FOR SOIL
MOULTRIE, GA

TITLE
CONFIRMATION SAMPLE
LOCATIONS
- NE Quadrant -







PROJECT No.	973-3788	
FILE No.	9733788E004	
REV. 0	SCALE AS SHOWN	
DESIGN	MJD	05/24/06
CADD	MRM	06/08/06
CHECK	JR	8/15/06
REVIEW	JR	8/15/06

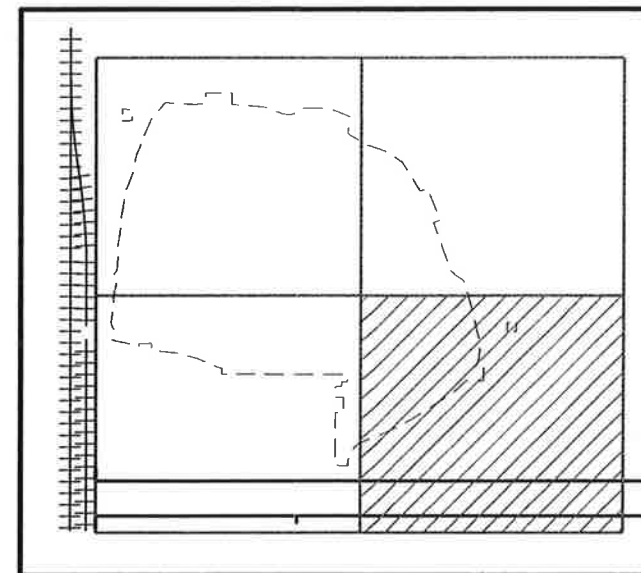
FIGURE 6

Figure G-1 (CAPRepRev)



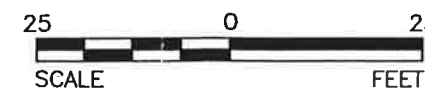
LEGEND

-  BUILDING
-  CONCRETE
-  LIMITS OF EXCAVATED AREAS
-  FENCE LINE
-  CONFIRMATION SAMPLE LOCATION
-  APPROXIMATE DEPTH OF EXCAVATED AREA (IN FEET BELOW GROUND SURFACE)



KEY MAP

NOT TO SCALE



PROJECT
FORMER FAVORITE FERTILIZER
CORRECTIVE ACTION FOR SOIL
MOULTRIE, GA

TITLE
**CONFIRMATION SAMPLE
LOCATIONS
- SE Quadrant -**

PROJECT No.	973-3788	
FILE No.	9733788E005	
REV. 0	SCALE	AS SHOWN
DESIGN	MJD	05/24/06
CADD	MRM	06/27/06
CHECK	<i>[Signature]</i>	8/15/06
REVIEW	<i>[Signature]</i>	8/15/06

FIGURE 7