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July 27, 2015



Mr. John Maddox  
Environmental Specialist  
Response and Remediation Program  
Georgia Environmental Protection Division  
2 Martin Luther King, Jr. Drive S.E., Suite 1462  
Atlanta, Georgia 30334

16-147437

Subject: Voluntary Remediation Program  
July 2015 Semiannual Progress Report and Response to EPD's Comments  
Former MacGregor Golf Company (HSI Site No. 10398)  
Albany, Dougherty County, Georgia

Dear Mr. Maddox:

Brunswick Corporation, Albany Partners, LLC, and Albany Sport, Co. (the Group) are pleased to provide the Georgia Environmental Protection Division (EPD) with the enclosed Semiannual Progress Report for the subject site. This report is submitted in compliance with EPD's Voluntary Remediation Program. One hard copy and two electronic (searchable portable disk format [PDF]) copies of the report are enclosed.

In addition, provided below are the Group's responses to comments presented in the April 14, 2015 letter regarding the January 2015 Semiannual Progress Report and Final Remediation Plan for the subject site.

#### **April 14, 2015 Comments**

**EPD Comment 1:** *EPD concurs that natural attenuation is sufficient to bring groundwater into compliance with RRS for VOC concentrations around MW-4. Based on the location of the VOC contamination and concentration trends, EPD also concurs that VOC concentrations are being reduced and VOCs will not likely migrate off site.*

**Response:** Comment has been noted.

**EPD Comment 2:** *EPD has reviewed the groundwater modeling of chromium in the vicinity of MW-11 and MW-24 provided in Section 2.2 and Appendix B and concurs that the fate and transport modeling and delineation for chromium in the vicinity of MW-11 and MW-24 is complete. Please collect groundwater samples as described in Section 5.1.4.*

**Response:** The first of three annual groundwater monitoring events, as described in Section 5.1.4 of the January 2015 Semiannual Progress Report and Final Remediation Plan, is scheduled for the week of July 27, 2015.

**EPD Comment 3:** *The installation and use of the proposed well on the Taylor property for a point of demonstration well is approved. Please continue to use groundwater analysis from the designated wells to verify fate and transport modeling results as discussed in Section 5.1.4. A preliminary monitoring period of three years appears to be acceptable; however, groundwater monitoring may be extended pending the comparison of sample results to model results.*

**Response:** The installation of the point of demonstration well on the Taylor property and the first of three annual groundwater monitoring events are scheduled for the week of July 27, 2015.

**EPD Comment 4:** *Groundwater flow direction arrows are incorrectly drawn on Figure 6; please ensure that flow direction is correctly shown on potentiometric maps in subsequent reports.*

**Response:** The groundwater flow direction arrows on Figure 6 have been corrected as requested.

**EPD Comment 5:** *EPD concurs with the focused risk assessment (RA) for subsurface soil presented in Appendix A, and the conclusion that subsurface soils do not pose significant health risks to excavation workers. The following items are provided for clarification only and do not need to be addressed.*

*Section 5 of the RA only discusses exposure frequency and seems to suggest that calculations would be based on an exposure frequency of 1 year instead of 250 days/year. The text would be more clear if it noted an exposure duration of one year and discussed an exposure frequency of 250 days/year. The calculations correctly made this distinction.*

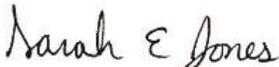
*Although identified in the conceptual site model, the risk from inhalation of vapors in ambient air was not quantified in Table A4. The volatilization factors from soil should be added to the inhalation calculations consistent with the updated inhalation methodology prescribed in RAGS, Part F. In addition, the cancer and non-cancer based equations listed in Table A4 should include the  $VF_{ss}$  and  $VF_p$  terms in the denominator since the risk and hazard quotients are dimensionless. This clarification results in a minor change to the calculated cancer risk and hazard quotients.*

**Response:** Comment has been noted.

We appreciate EPD's review of the enclosed report. Should you have any questions regarding the above responses to your questions and/or the enclosed report, please do not hesitate to call us at 770-394-2997.

Very truly yours,

**Brown and Caldwell**

  
Sarah Jones, Ph.D., CHMM  
Project Manager

  
Trish Reifenger, P.E.  
Managing Engineer

SEJ:PCR:ehs  
Enclosure

cc: Mr. Ray Berens, Esq., Albany Sport Co.  
Mr. Eric Gold, Albany Partners, LLC  
Mr. David Selig, Brunswick Corporation  
Mr. John Spinrad, Esq., Arnall Golden Gregory LLP

# Voluntary Remediation Program Semiannual Progress Report

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Prepared for  
Former MacGregor Golf Company Site  
HSI Site No. 10398  
Albany, Georgia  
July 27, 2015

# Voluntary Remediation Program Semiannual Progress Report

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Prepared for  
Former MacGregor Golf Company Site  
HSI Site No. 10398  
Albany, Georgia  
July 27, 2015

Submitted to the Georgia Environmental Protection Division

on behalf of  
Brunswick Corporation  
Albany Sport Co.  
Albany Partners, LLC



990 Hammond Drive, Suite 400  
Atlanta, Georgia 30328

# Table of Contents

List of Figures .....	iv
List of Tables.....	iv
Professional Engineer Certification .....	v
1. Introduction.....	1-1
1.1 Background.....	1-1
1.2 Report Organization .....	1-1
2. Work Performed this Period .....	2-1
2.1 Access Agreement.....	2-1
3. Conceptual Site Model .....	3-1
3.1 Elements of the Conceptual Site Model .....	3-1
3.1.1 Ground Surface Features .....	3-1
3.1.2 Subsurface Features .....	3-1
3.1.3 Contaminant Source.....	3-2
3.1.4 Contaminant Fate and Transport.....	3-2
3.2 Receptors and Exposure Pathways.....	3-3
4. Site Status.....	4-1
4.1 Delineation Status.....	4-1
4.1.1 Soil .....	4-1
4.1.2 Groundwater.....	4-1
4.2 Status Relative to Cleanup Goals.....	4-1
4.2.1 Soil .....	4-1
4.2.2 Groundwater.....	4-2
5. Project Schedule.....	5-1
5.1 Planned Near-Term Actions .....	5-1
5.2 Project Schedule .....	5-1
6. Engineer’s Services this Period .....	6-1
7. Limitations.....	7-1
8. References .....	8-1

## List of Figures

---

- Figure 1. Site Location Map
- Figure 2a. Site Map - Monitoring Well Locations
- Figure 2b. Site Map - Soil Sampling Locations
- Figure 3. Updated Conceptual Site Model - Plan View
- Figure 4. Updated Conceptual Site Model - Profile View
- Figure 5. Potentiometric Surface Map - Upper Water Bearing Zone - March 26, 2014
- Figure 6. Potentiometric Surface Map - Lower Water Bearing Zone - March 26, 2014

## List of Tables

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- Table 1. Well Construction Data and Most Recent Groundwater Elevations
- Table 2. Historical Soil Detections of Site COCs
- Table 3. Historical Groundwater Detections of Site COCs
- Table 4. Summary of Site Status Relative to Delineation and Cleanup Levels
- Table 5. Updated Project Milestone Schedule
- Table 6. Summary of Hours Invoiced by Professional Engineer this Period

# Professional Engineer Certification

I certify that I am a qualified environmental professional who has received a baccalaureate or post-graduate degree in a natural science or engineering, and have sufficient training and experience in groundwater hydrology, engineering, and related fields, as demonstrated by state registration and completion of accredited university courses, that enable me to make sound professional judgments regarding groundwater monitoring and contaminant fate and transport. I further certify that this report was prepared by myself or by a subordinate working under my direction.

Patricia C. Reifenger  
Patricia C. Reifenger P.E.

July 27, 2015  
(date)

Georgia Registration Number: 20676

Seal:



## Section 1

# Introduction

This Semiannual Progress Report for the Former MacGregor Golf Company Site (Site) was prepared by Brown and Caldwell (BC) on behalf of Brunswick Corporation, Albany Sport, Co., and Albany Partners, LLC (the Group) for submittal to the Response and Remediation Program of the Land Protection Branch of the Georgia Environmental Protection Division (EPD). The Site is located at 1601 South Slappey Boulevard in Albany, Dougherty County, Georgia (Figure 1). The Site is a participant in EPD's Voluntary Remediation Program (VRP) and is listed on EPD's Hazardous Site Inventory (HSI) as Site No. 10398. This report describes the work performed related to the Site from the last semiannual progress report dated January 29, 2015 through July 30, 2015.

### 1.1 Background

The Site was accepted into the VRP on July 30, 2012. The Site history, description, regulatory history, and previous environmental work are described in detail in the Compliance Status Report (CSR [BC 2006]), Revised CSR and Corrective Action Plan (CAP [BC 2008]), and Revised CSR and CAP Addendum (BC 2009) submitted in compliance with Hazardous Site Response Act (HSRA) requirements. Additionally, soil and groundwater data were submitted to the EPD in the April 2011 VRP Application, February 2012 Revised VRP Application, and Semiannual Progress Reports since January 2013. In summary, since 2002, the Group has conducted groundwater monitoring, zero valent iron pilot testing in the source area, soil and groundwater delineation, fate and transport modeling, and a limited risk assessment. Refer to Figures 2a and 2b for groundwater and soil sampling locations.

### 1.2 Report Organization

This report is organized into eight sections. The present section references the project background and provides an outline of the report. The work performed during this period is described in Section 2.0, and Section 3.0 presents the updated Conceptual Site Model (CSM). The current Site status relative to delineation and cleanup standards is presented in Section 4. Near-term actions and the anticipated project schedule are discussed in Section 5. The project professional engineer's services this period are summarized in Section 6.0. Limitations associated with the use of this report are noted in Section 7.0, and references cited are provided in Section 8.0.

## Section 2

# Work Performed this Period

Work at the Site since the submittal of the January 2015 Semiannual Progress Report and Final Remediation Plan (BC 2015) consisted of preparing and pursuing an access agreement with the neighboring property owner, Taylor Real Estate Enterprises, LP (Taylor), to install a permanent groundwater monitoring well and collect groundwater samples as needed to complete horizontal delineation.

### 2.1 Access Agreement

To support the fate and transport model provided in the January 2015 Semiannual Progress Report and Final Remediation Plan (BC 2015), and achieve delineation of chromium (hexavalent and trivalent) in groundwater south of MW-19, an additional permanent groundwater monitoring well is planned to be installed on the Taylor property (Figure 2a). Based on available data, the preferred location of this well is in the grass area directly south of Industry Avenue. It is anticipated that chromium concentrations in groundwater at this location will be less than the Site VRP delineation and cleanup levels at the time of installation and thus that this well will provide off-Site horizontal delineation to the south.

An access agreement with Taylor was executed on July 20, 2015. This agreement will allow the Group to install the new permanent monitoring well on the Taylor property and collect groundwater samples as required under the VRP. The installation of this well and subsequent sampling is planned for the week of July 27, 2015.

Under the VRP, a point of demonstration (POD) well must be located between the source of groundwater impact and the actual or estimated downgradient point of exposure (POE). For this Site, the POE would be the hypothetical point of drinking water exposure located 1,000 feet downgradient from the delineated Site contamination. It is anticipated that the designated POD well will be the new permanent monitoring well on the Taylor property. Data from the new well will be used to confirm the model results and assess compliance since its proposed location is within the modeled projection of the chromium groundwater plume. If concentrations in this well increase in the future as expected, the measured concentrations will be compared to those projected by the model.

## Section 3

# Conceptual Site Model

A CSM was developed for the Site to facilitate development of the Site remedial action objectives. Since no additional data have been collected in the past six months (pending installation of the well on the Taylor property), the CSM presented herein is unchanged from that presented in the January 2015 Semiannual Progress Report and Final Remediation Plan (BC 2015).

### 3.1 Elements of the Conceptual Site Model

A three-dimensional CSM was originally developed for the Site's VRP Application (BC 2012) to illustrate the approximate extent of volatile organic compounds (VOCs) and inorganics in the subsurface, and the potential exposure pathways and receptors at the Site. The CSM has been updated since then to reflect current conditions at the Site. Figures 3 and 4 illustrate plan view and profile diagrams of the updated CSM, respectively.

#### 3.1.1 Ground Surface Features

The Site topography is relatively flat with elevations ranging from 191 to 204 feet above mean sea level (amsl). Stormwater run-off flows primarily towards the intermittent drainage ditch that runs in a westerly direction from north of the former disposal area along the tree line, to the western property boundary. The ditch ends in an on-site intermittent detention basin. The intermittent drainage ditch and detention basin are typically dry, except following significant rain events. Both features also receive stormwater run-off from off-site sources, including a railroad right-of-way to the west.

Soil samples collected from the intermittent ditch and detention basin in 1998, 1999, 2000, 2008, and 2009 indicated elevated concentrations of nickel and chromium. Based on the flow direction of stormwater at the Site, the metals appear to have migrated from the former waste disposal area to the drainage ditch.

#### 3.1.2 Subsurface Features

##### 3.1.2.1 Vadose Zone and Upper Water Bearing Zone

The upper water bearing zone consists predominantly of silty sands, sandy silts, clays and chert of the weathered limestone residuum as illustrated on Figure 4. The thickness of the unconsolidated soil at the Site is approximately 40 to 50 feet with the thin layers of chert occurring at depths of 18 to 45 feet below ground surface (bgs). Beneath the chert, sediments increase in clay content with clay layers ranging from 1 to 6 feet thick. The lower boundary to this zone is the chalky limestone that occurs in the uppermost Ocala Limestone at 50 to 55 feet bgs. In the most recent Site-wide gauging event (March 2014), groundwater was encountered in the upper water bearing zone between about 31 and 40 feet bgs (Table 1). The potentiometric surface measured in this event is illustrated on Figure 5.

According to previous reports, waste was poured or spread on the ground surface in the former waste disposal area. The VOCs and inorganics released at the ground surface would be expected to migrate vertically under the influence of gravity, with some horizontal spreading with depth through the unsaturated zone and into the saturated zone. Figures 3 and 4 illustrate the approximate areas where VOCs (MW-4 area) and inorganics (MW-11 and MW-19 areas) are present in the upper water bearing zone above the groundwater delineation and/or cleanup standards.

### 3.1.2.2 Semi-Confining Unit

Between the depths of approximately 50 and 55 feet bgs, a chalky limestone occurs that grades with depth to increasing cementation and induration and decreasing permeability. This layer is laterally continuous across the Site and is interpreted to be a hydraulic boundary to the lower water bearing zone encountered at about 60 feet bgs. However, based on the hydraulic properties (i.e., vertical groundwater velocity, vertical gradient and vertical hydraulic conductivity) of the semi-confining unit and concentrations of VOCs and inorganics in the lower water bearing zone, vertical leakage occurs through the chalky limestone from the upper water bearing zone to the lower water bearing zone.

### 3.1.2.3 Lower Water Bearing Zone

At approximately 60 feet bgs, the chalky limestone increases in competency and becomes a porous and permeable fossiliferous limestone of the Ocala Limestone that extends to a depth of approximately 170 feet bgs. This unit, the Upper Floridan aquifer, is a principal water supply aquifer and previously served to supply irrigation and fire water to the Site. The Upper Floridan aquifer is confined above and below. The upper confining zone is the chalky limestone described above, and the lower confining zone is the calcareous clayey Lisbon formation.

In the March 2014 gauging event, potentiometric levels in the wells screened in the lower water bearing zone were between about 33 and 46 feet bgs (Table 1). The potentiometric surface during this event is illustrated on Figure 6. VOCs (MW-15 area) are present in the lower water bearing zone; specifically, the upper portion of the permeable fossiliferous limestone. This layer was observed during the installation of monitoring well MW-15 at a depth of approximately 70 feet bgs.

### 3.1.3 Contaminant Source

Reportedly, manufacturing wastes were likely disposed from approximately 1962 to 1973 in an area located just west of the main building that is part of the former test driving range. This “source area” is approximately 60 by 100 feet and is located next to the equipment shed (Figure 3). According to previous reports, no disposal pit or lagoon was created; the waste was poured or spread directly on the ground. Wastes included spent solvents and plating process sludge that contained xylenes, methyl and ethyl alcohol, toluene, chromium, nickel, lead, and cyanide. The chromium applied during the plating process was likely in the hexavalent form as chromic acid. Construction of the test driving range involved grading of the former disposal area, and the soils were dispersed over a wider area.

### 3.1.4 Contaminant Fate and Transport

Following the release to the ground surface, spent solvents and plating process sludge appear to have migrated downward through the subsurface. In the vadose zone, soil concentrations of these constituents were likely altered by precipitation flushing and diffusion. Precipitation typically leaches constituents to the shallow water table during wet weather events. Volatile constituents can also evaporate from shallow soils resulting in a decrease of concentrations.

Once in groundwater, spent solvents (chlorinated VOCs) migrate with the flow of groundwater and naturally attenuate through biodegradation and other mechanisms. Chlorinated VOCs degrade to daughter products via reductive dechlorination under certain conditions. More conservative constituents associated with the plating process (inorganics) migrate with the flow of groundwater and may naturally attenuate depending on chemical characteristics and groundwater chemistry.

A limited interim remedial action consisting of injection of zero valent iron (ZVI) to address VOCs within the upper water bearing zone was conducted in 2003. The interim action created a barrier zone of accelerated attenuation downgradient of monitoring well MW-4. The barrier has most likely resulted in the decrease in VOC concentrations observed in the remaining downgradient monitoring wells.

## 3.2 Receptors and Exposure Pathways

The potential exposure pathways and receptors are identified on Figures 3 and 4, and are detailed in the February 2012 Revised VRP Application (BC 2012), the January 2013 Semiannual Progress Report (BC 2013a), and the January 2015 Semiannual Progress Report and Final Remediation Plan (BC 2015).

## Section 4

# Site Status

Historical and recent soil and groundwater analytical results are presented in Tables 2 and 3. Soil and groundwater sampling locations are shown on Figures 2a and 2b. The current status of soil and groundwater at the Site relative to the VRP delineation and cleanup levels is discussed below and summarized in Table 4. Since no additional data have been collected in the past six months, the Site status presented herein is unchanged from that presented in the January 2015 Semiannual Progress Report and Final Remediation Plan (BC 2015).

## 4.1 Delineation Status

### 4.1.1 Soil

As discussed in previous reports, horizontal and vertical delineation of Site COCs in soil has been achieved. Historical soil results are presented in Table 2.

### 4.1.2 Groundwater

#### 4.1.2.1 On-Site Horizontal Groundwater Delineation

As discussed in previous semiannual progress reports, horizontal delineation of VOCs has been achieved. Historical groundwater results are presented in Table 3.

With the sampling conducted in March and June 2014 and discussed in the July 2014 Semiannual Progress Report (BC 2014b), on-Site horizontal delineation of chromium (total, hexavalent, and trivalent) in groundwater at the northern end of the property has been achieved. At the southern end of the property, chromium (total, hexavalent, and trivalent) has been horizontally delineated to the north, east, and west. Total chromium has also been horizontally delineated to the south. However, hexavalent and trivalent chromium concentrations above the delineation levels have been measured at and beyond the southern property boundary.

#### 4.1.2.2 Off-Site Horizontal Groundwater Delineation

Off-Site horizontal delineation of hexavalent and trivalent chromium in groundwater has not yet been achieved to the south. The installation and sampling of an additional monitoring well south of the Site is planned for the week of July 27, 2015, as discussed in Section 2.1. Off-Site delineation of VOCs was not required as the extent of VOC impact was delineated on-Site.

#### 4.1.2.3 Vertical Groundwater Delineation

As discussed in previous semiannual progress reports, vertical delineation of Site COCs in groundwater has been achieved.

## 4.2 Status Relative to Cleanup Goals

### 4.2.1 Soil

The Site soil is in compliance with the Site VRP cleanup levels except in the vicinity of borings B-4 and GP-1, located in the former source area (Figure 2b). Concentrations of cis-1,2-dichloroethene (cis-1,2-DCE) and

vinyl chloride (VC) in the subsurface soil in boring B-4 and the concentration of cis-1,2-DCE in the subsurface soil in boring GP-1 exceeded the soil cleanup levels (Table 2).

#### 4.2.2 Groundwater

VRP groundwater cleanup levels are met in all monitoring wells except in the following areas:

**MW-4 Vicinity.** When this well was last sampled in January 2014, the concentrations of trichloroethene (TCE), cis-1,2-DCE, and VC were 0.097 milligram per liter (mg/L), 0.290 mg/L, and 0.011 mg/L, respectively (Table 3; sampling locations are shown on Figure 2a). These concentrations slightly exceed the Site VRP cleanup levels of 0.038 mg/L, 0.204 mg/L, and 0.0033 mg/L, respectively.

**MW-11 Vicinity.** Hexavalent chromium concentrations in monitoring well MW-11 and temporary wells TW-8, TW-22, TW-28 and TW-31 ranged from 0.013 to 0.035 mg/L in 2014, which slightly exceeded the cleanup standard of 0.01 mg/L (Table 3; sampling locations are shown on Figure 2a).

**MW-19 Vicinity.** Total chromium concentrations in monitoring well MW-19 and temporary wells TW-1, TW-4, TW-17, TW-18, and TW-20 ranged from 0.107 to 0.199 mg/L in 2014, which slightly exceeded the cleanup standard of 0.10 mg/L. Hexavalent chromium concentrations in monitoring well MW-19 and temporary wells TW-1 through TW-5, TW-17, TW-18, TW-20, TW-25 through TW-27, TW-30, TW-36, TW-39 and TW-41 ranged from 0.020 to 0.199 mg/L in 2014, which exceeded the cleanup standard of 0.01 mg/L (Table 3; sampling locations are shown on Figure 2a).

**MW-24 Vicinity.** When last sampled in 2013, the total chromium concentration in MW-24 was below the cleanup level; however, concentrations in nearby temporary monitoring wells TW-11 and TW-14 were 1.74 mg/L and 0.587 mg/L in March 2014, which exceeded the cleanup standard of 0.10 mg/L. The concentration of hexavalent chromium in monitoring well MW-24 exceeded the cleanup standard of 0.01 mg/L when last sampled in 2013. Temporary monitoring wells TW-11, TW-13, TW-14 and TW-24 ranged from 0.013 to 1.49 mg/L in 2014, which also exceeded the cleanup standard of 0.01 mg/L (Table 3; sampling locations are shown on Figure 2a).

## Section 5

# Project Schedule

Planned near-term actions and the project schedule are discussed below. The project schedule is also illustrated in Table 6.

### 5.1 Planned Near-Term Actions

Tasks to comply with the VRP delineation and cleanup requirements are discussed in the preceding sections and are summarized below:

- Install and sample the new permanent monitoring well on the Taylor property. The results are expected to provide horizontal groundwater delineation.
- Update the groundwater model with the data from the Taylor well in order to demonstrate compliance with cleanup requirements.
- Draft environmental covenants for the Site and the Taylor property.

### 5.2 Project Schedule

An Updated Project Milestone Schedule is provided in Table 6. This schedule is based on the following assumptions regarding future work:

- The new permanent monitoring well can be installed on the Taylor property in summer of 2015.
- The data from the well on the Taylor property confirms horizontal delineation in groundwater.
- Compliance with the Site VRP cleanup levels for hexavalent chromium in groundwater can be demonstrated with the existing fate and transport model.

## Section 6

# Engineer's Services this Period

Table 6 summarizes BC's professional engineer's work on this project since the last VRP semiannual report for this project.

## Section 7

# Limitations

This document was prepared solely for Brunswick Corporation, Albany Sport, Co., and Albany Partners, LLC (the Group) in accordance with professional standards at the time the services were performed and in accordance with the contract between the Group and Brown and Caldwell dated September 18, 2013 and amended on January 7, 2015 and May 18, 2015. This document is governed by the specific scope of work authorized by the Group; it is not intended to be relied upon by any other party except for regulatory authorities contemplated by the scope of work. We have relied on information or instructions provided by the Group and other parties and, unless otherwise expressly indicated, have made no independent investigation as to the validity, completeness, or accuracy of such information.

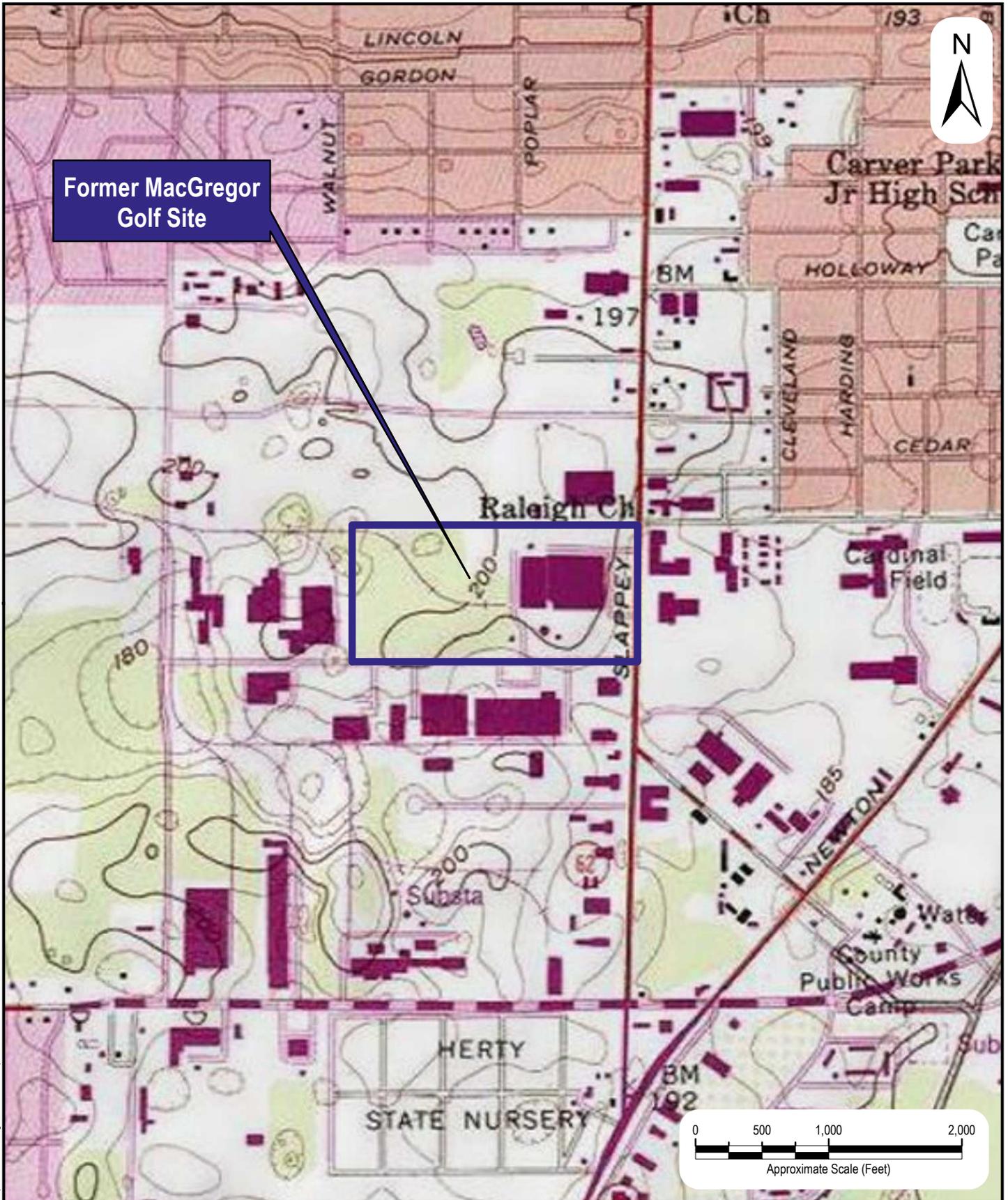
This document sets forth the results of certain services performed by Brown and Caldwell with respect to the property or facilities described therein (the Property). The Group recognizes and acknowledges that these services were designed and performed within various limitations, including budget and time constraints. These services were not designed or intended to determine the existence and nature of all possible environmental risks (which term shall include the presence or suspected or potential presence of any hazardous waste or hazardous substance, as defined under any applicable law or regulation, or any other actual or potential environmental problems or liabilities) affecting the Property. The nature of environmental risks is such that no amount of additional inspection and testing could determine as a matter of certainty that all environmental risks affecting the Property had been identified. Accordingly, THIS DOCUMENT DOES NOT PURPORT TO DESCRIBE ALL ENVIRONMENTAL RISKS AFFECTING THE PROPERTY, NOR WILL ANY ADDITIONAL TESTING OR INSPECTION RECOMMENDED OR OTHERWISE REFERRED TO IN THIS DOCUMENT NECESSARILY IDENTIFY ALL ENVIRONMENTAL RISKS AFFECTING THE PROPERTY.

Further, Brown and Caldwell makes no warranties, express or implied, with respect to this document, except for those, if any, contained in the agreement pursuant to which the document was prepared. All data, drawings, documents, or information contained this report have been prepared exclusively for the person or entity to whom it was addressed and may not be relied upon by any other person or entity without the prior written consent of Brown and Caldwell unless otherwise provided by the Agreement pursuant to which these services were provided.

## Section 8

# References

- Brown and Caldwell. 2006. *Compliance Status Report*. Former MacGregor Golf Company Site, Albany, Georgia. August 2006.
- Brown and Caldwell. 2008. *Revised Compliance Status Report and Corrective Action Plan*. Former MacGregor Golf Company Site, Albany, Georgia. April 2008.
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- Brown and Caldwell. 2014b. *Voluntary Remediation Program Semiannual Progress Report*. Former MacGregor Golf Company Site, Albany, Georgia. July 2014.
- Brown and Caldwell. 2015. *Voluntary Remediation Program Semiannual Progress Report and Final Remediation Plan*. Former MacGregor Golf Company Site, Albany, Georgia. January 2015.



**Former MacGregor  
Golf Site**

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Figure 1

Site Location Map

Former MacGregor Golf Company  
1601 South Slappey Blvd, Albany, Dougherty County, Georgia

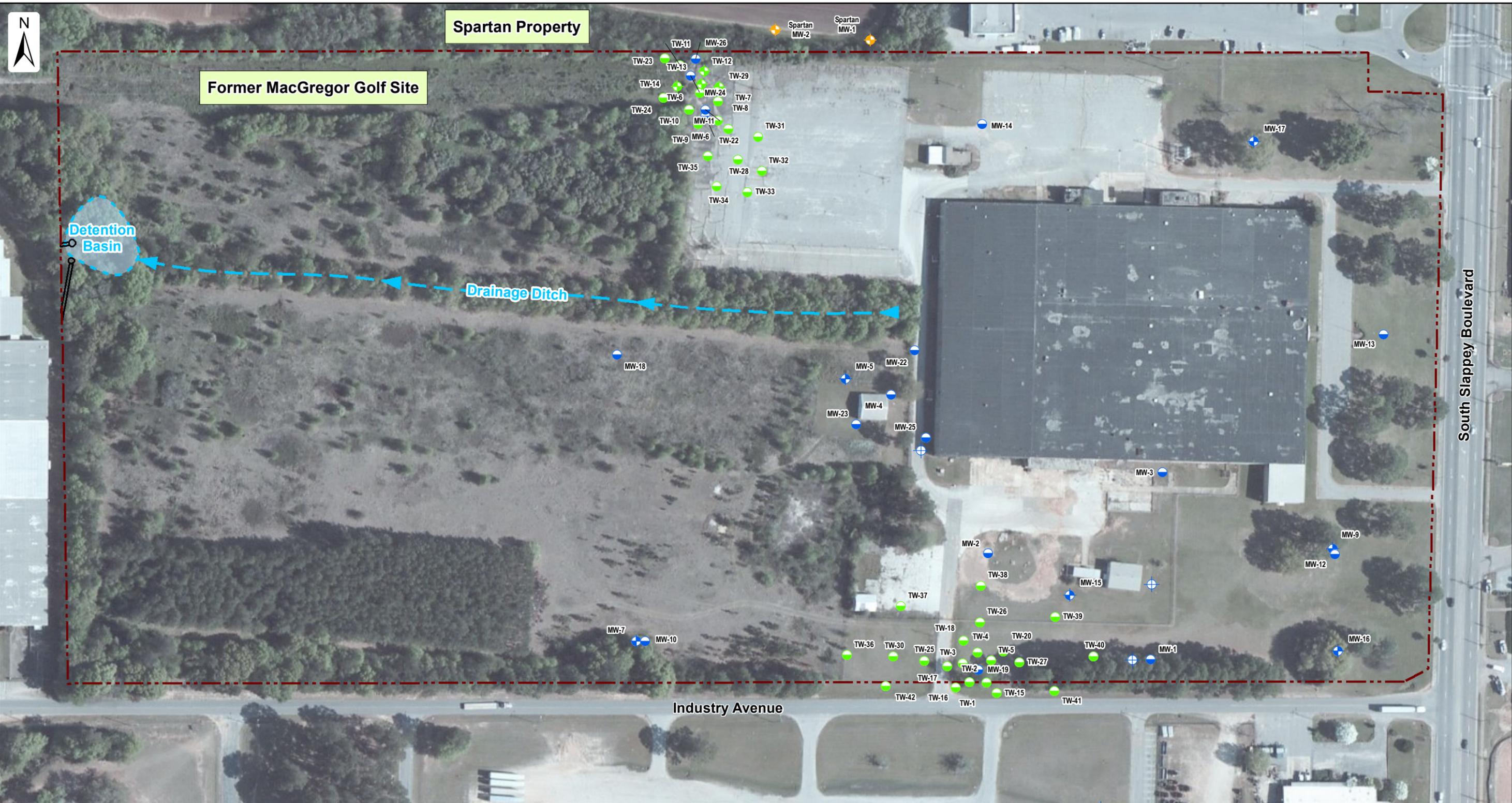
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**Brown AND  
Caldwell**

PREPARED FOR:	Brunswick Corp., Albany Sport Co., & Albany Partners, LLC
DATE:	07/17/2014
SCALE:	AS SHOWN
DRAWN BY:	BAS
CHECKED BY:	TCB, PCR
PROJECT #:	145096

SOURCE: NATIONAL GEOGRAPHIC SEAMLESS USGS, 2010

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**LEGEND**

- Approximate Property Boundaries
- ◆ Deep Monitoring Well
- Shallow Monitoring Well
- ⊕ Well Not Included in the Current Monitoring Program
- ◆ Deep Monitoring Well Installed by Others
- ◆ Deep Temporary Monitoring Well
- Shallow Temporary Monitoring Well

**Taylor Property**

0 150 300 450  
Approximate Scale in Feet

**Figure 2a**  
**Site Map**  
**Monitoring Well Locations**

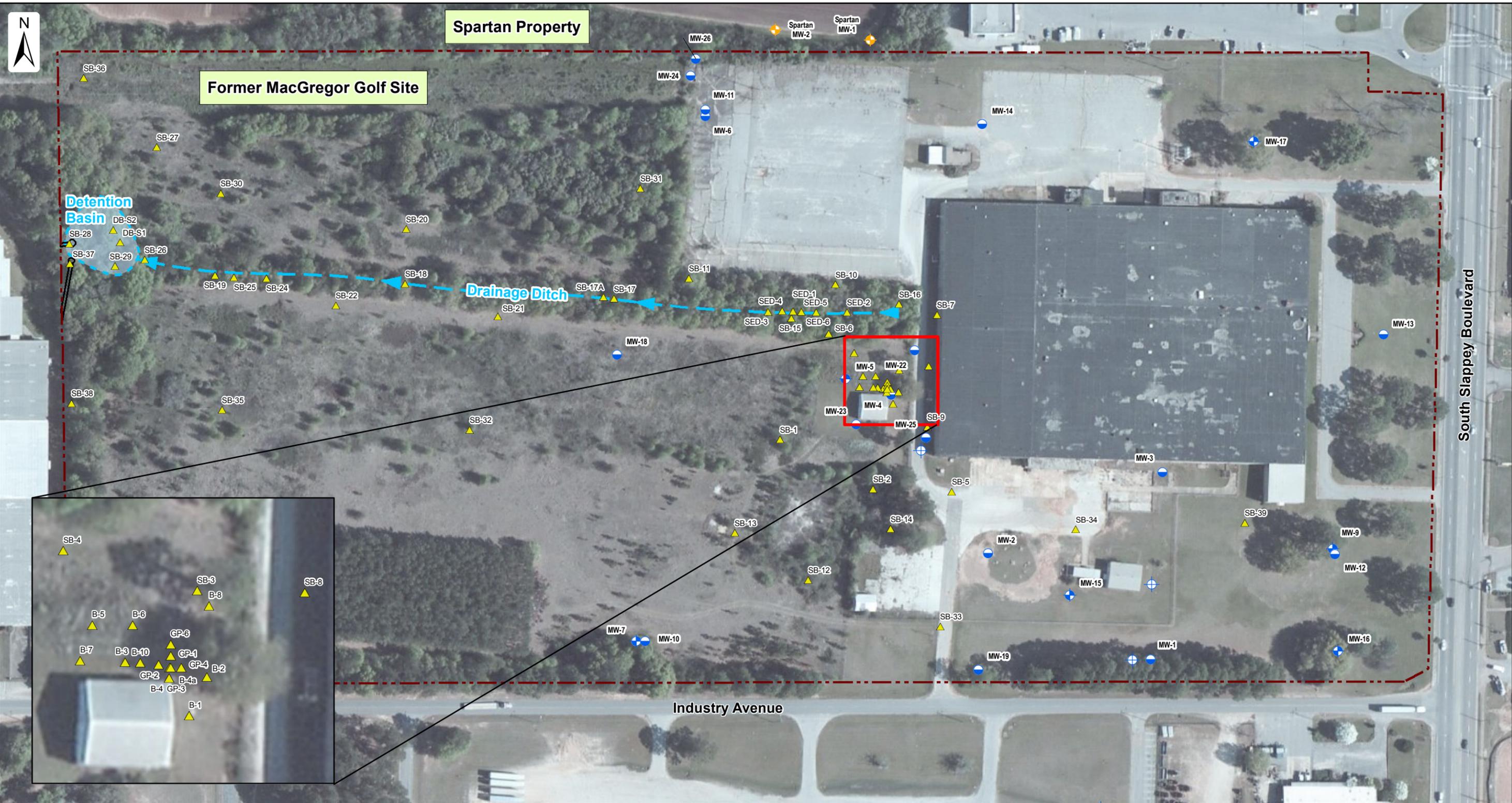
Former MacGregor Golf Company  
1601 South Slappey Blvd, Albany, Dougherty County, Georgia

Prepared For: Brunswick Corp., Albany Sport Co., & Albany Partners, LLC

DATE: 07/15/2015	SCALE: AS SHOWN
DRAWN BY: BAS	CHECKED BY: TCB
PROJECT #: 145096	

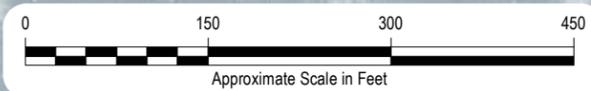
**Brown AND Caldwell**

Path: R:\Projects\MacGregor\GIS\MapDocs\July Status Report 2015\Figure 2a - Site Map.mxd



**LEGEND**

- Approximate Property Boundaries
- ▲ Soil Sample Location
- ⊕ Deep Monitoring Well
- Shallow Monitoring Well
- ⊕ Well Not Included in the Current Monitoring Program
- ⊕ Deep Monitoring Well Installed by Others



**Figure 2b**  
Site Map  
Soil Sample Locations

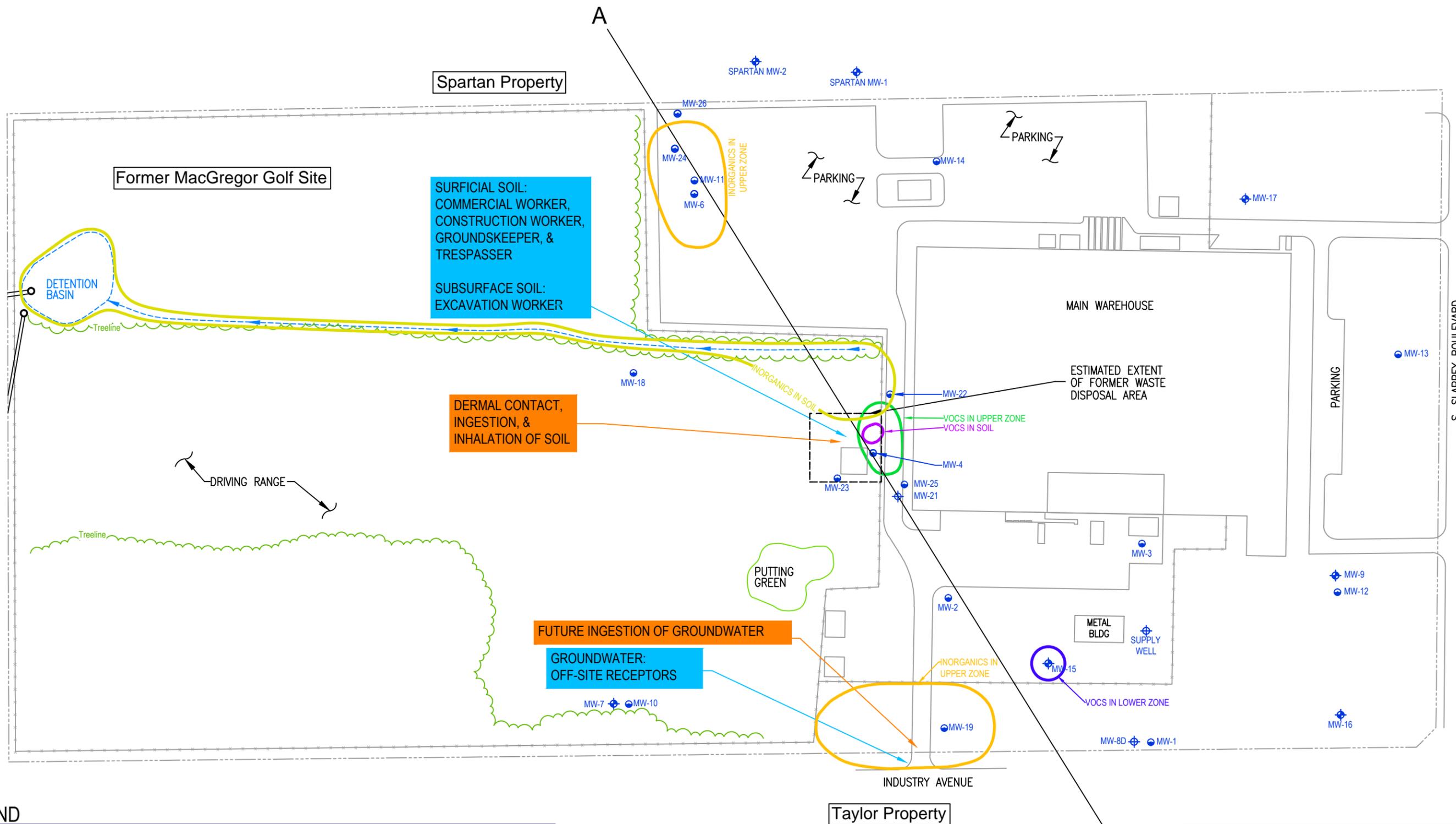
Former MacGregor Golf Company  
1601 South Slapppy Blvd, Albany, Dougherty County, Georgia

Prepared For: **Brunswick Corp., Albany Sport Co., & Albany Partners, LLC**

DATE: 07/15/2015	SCALE: AS SHOWN
DRAWN BY: BAS	CHECKED BY: TCB
PROJECT #: 145096	



1/20/2015 9:19:02 AM P:\Armail Golden Gregory\145096 - MacGregor Golf V\RP 2013-2014\003 - Reporting\Jan 2015 Status Rpt And Final Rem Plan\Figures\Fig 3 - Conceptual Site Model - Plan View.dwg

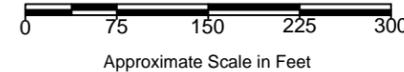


**LEGEND**

- Property Boundary
- Fence
- - - Drainage Ditch
- ⊕ Deep Monitoring Well
- Shallow Monitoring Well
- ⊕ Well Not Included in the Monitoring Program
- Extent of VOCs in Soil
- Extent of VOCs in Upper Water Bearing Zone
- Extent of VOCs in Lower Water Bearing Zone
- Extent of Inorganics in Soil
- Extent of Inorganics in Upper Water Bearing Zone

- Orange Box: Potential Exposure Pathways
- Blue Box: Potential Exposure Receptors

Notes:  
 1) MW-8 was replaced with MW-8D in August 1999, and was assumed abandoned as of 2006.  
 2) MW-21 could not be located and was replaced with MW-25 in October 2009.



**Figure 3**  
 Updated Conceptual Site Model  
 Plan View

Former MacGregor Golf Company  
 1601 South Slappey Blvd; Albany, Dougherty County, Georgia

PREPARED FOR:  
 Brunswick Corp.,  
 Albany Sport Co., &  
 Albany Partners, LLC

DATE: 01/20/2015  
 SCALE: AS SHOWN  
 DRAWN BY: BAS  
 CHECKED BY: TCB  
 PROJECT #: 145096



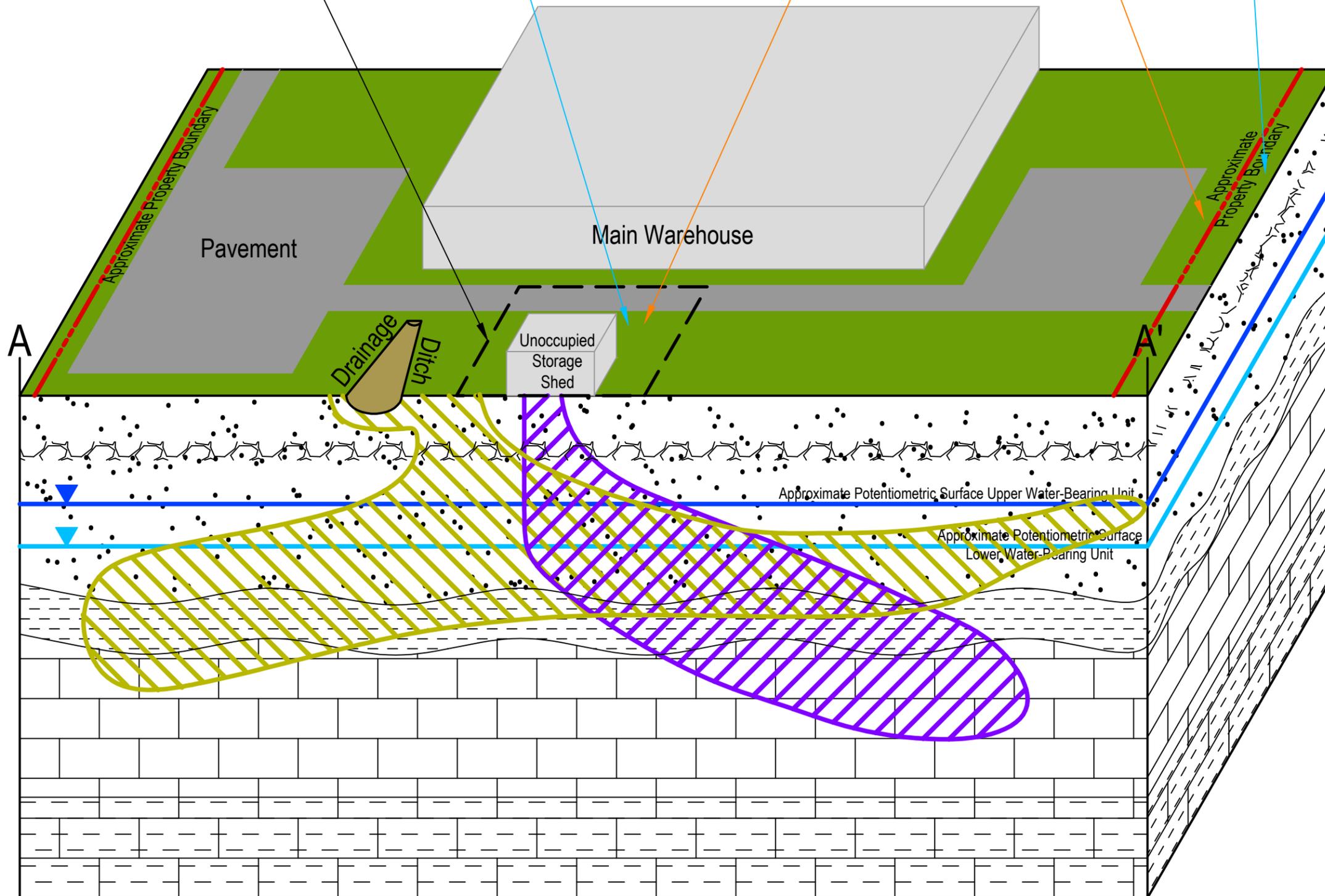
ESTIMATED EXTENT OF FORMER WASTE DISPOSAL AREA (SOURCE AREA)

SURFICIAL SOIL: COMMERCIAL WORKER, CONSTRUCTION WORKER, GROUNDSKEEPER, & TRESPASSER  
SUBSURFACE SOIL: EXCAVATION WORKER

DERMAL CONTACT, INGESTION, & INHALATION OF SOIL

FUTURE INGESTION OF GROUNDWATER

GROUNDWATER: OFF-SITE RECEPTORS



### LEGEND

- Property Boundary
- Approximate Water Table in Upper Water-Bearing Zone
- Approximate Water Table in Lower Water-Bearing Zone
- Potential Exposure Pathways
- Potential Exposure Receptors
- Soil
- Chert
- Semiconfining Unit / Chalky Limestone
- Limestone Bedrock
- Lower Confining Unit / Limestone
- VOC impacts
- Inorganics impacts

Drawing not to scale

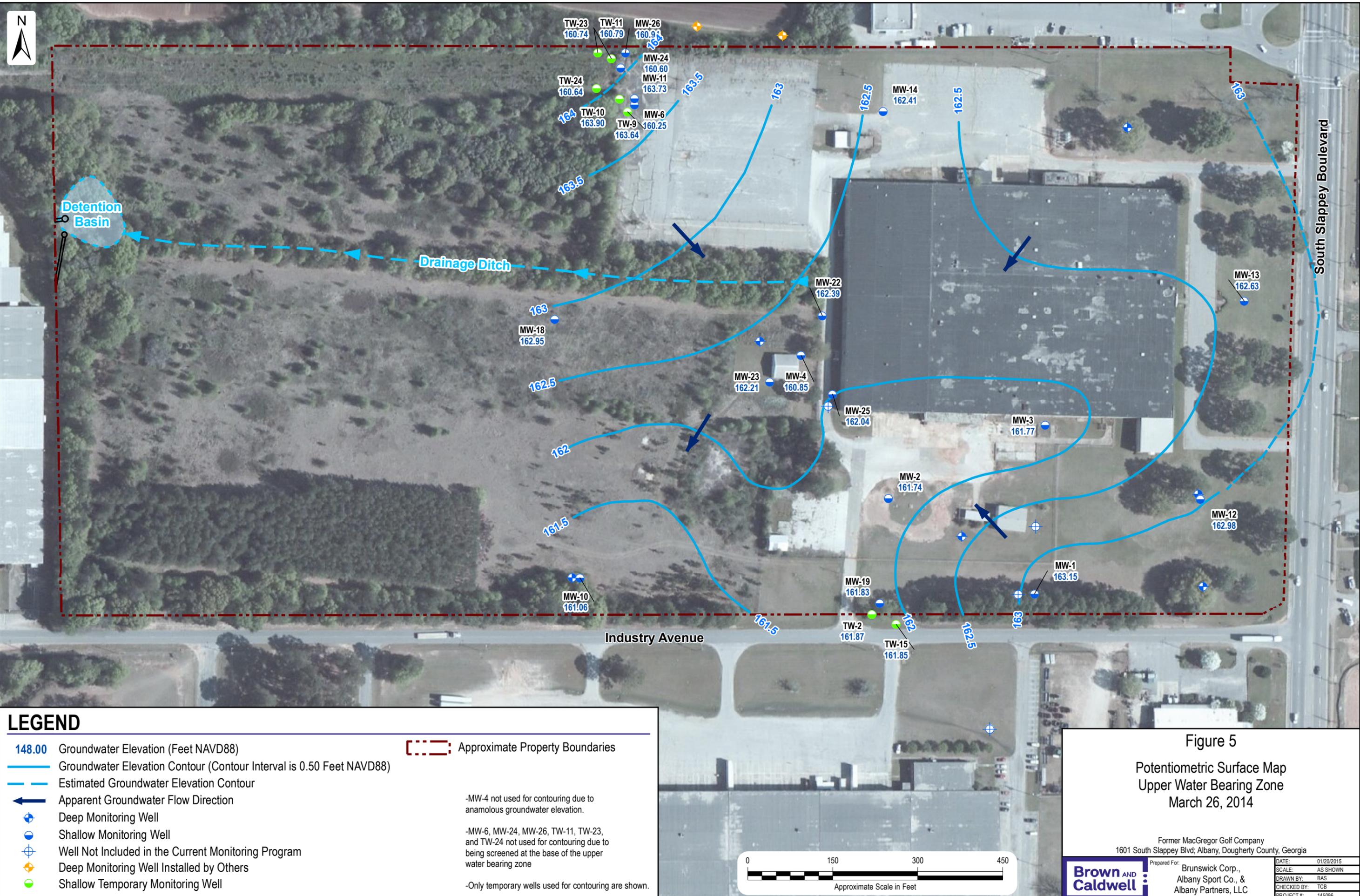
Figure 4  
Updated Conceptual Site Model  
Profile View

Former MacGregor Golf Company  
1601 South Slappey Blvd; Albany, Dougherty County, Georgia



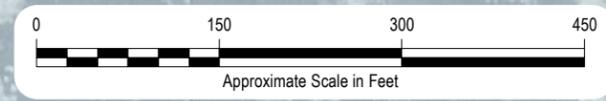
PREPARED FOR:  
Brunswick Corp.,  
Albany Sport Co., &  
Albany Partners, LLC

DATE:	01/20/2015
SCALE:	NOT TO SCALE
DRAWN BY:	GS4
CHECKED BY:	TCB
PROJECT #:	145096



### LEGEND

- 148.00 Groundwater Elevation (Feet NAVD88)
- Groundwater Elevation Contour (Contour Interval is 0.50 Feet NAVD88)
- - - Estimated Groundwater Elevation Contour
- Apparent Groundwater Flow Direction
- ⊕ Deep Monitoring Well
- ⊙ Shallow Monitoring Well
- ⊕ Well Not Included in the Current Monitoring Program
- ⊕ Deep Monitoring Well Installed by Others
- ⊙ Shallow Temporary Monitoring Well
- Approximate Property Boundaries
- MW-4 not used for contouring due to anomalous groundwater elevation.
- MW-6, MW-24, MW-26, TW-11, TW-23, and TW-24 not used for contouring due to being screened at the base of the upper water bearing zone
- Only temporary wells used for contouring are shown.



**Figure 5**  
 Potentiometric Surface Map  
 Upper Water Bearing Zone  
 March 26, 2014

Former MacGregor Golf Company  
 1601 South Slappey Blvd, Albany, Dougherty County, Georgia

Prepared For: Brunswick Corp., Albany Sport Co., & Albany Partners, LLC

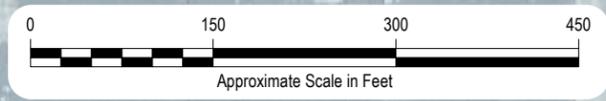
DATE:	01/20/2015
SCALE:	AS SHOWN
DRAWN BY:	BAS
CHECKED BY:	TCB
PROJECT #:	145096

**Brown AND Caldwell**



**LEGEND**

- 148.00 Groundwater Elevation (Feet NAVD88)
- Groundwater Elevation Contour (Contour Interval is 0.50 Feet NAVD88)
- - - Estimated Groundwater Elevation Contour
- Apparent Groundwater Flow Direction
- Deep Monitoring Well
- Shallow Monitoring Well
- Well Not Included in the Current Monitoring Program
- Deep Monitoring Well Installed by Others
- Deep Temporary Monitoring Well
- Approximate Property Boundaries



**Figure 6**  
 Potentiometric Surface Map  
 Lower Water Bearing Zone  
 March 26, 2014

Former MacGregor Golf Company  
 1601 South Slappey Blvd; Albany, Dougherty County, Georgia

<b>Brown AND Caldwell</b>	Prepared For: Brunswick Corp., Albany Sport Co., & Albany Partners, LLC	DATE: 07/06/2015
		SCALE: AS SHOWN
		DRAWN BY: RPJ
		CHECKED BY: TCB
		PROJECT #: 145096

**Table 1. Well Construction Data and Most Recent Groundwater Elevations**  
**Former MacGregor Golf Company**  
**Albany, Georgia**

Well ID	Well Completion Date	Water Bearing Unit	Northing (Feet - Georgia West State Plane NAD83)	Easting (Feet - Georgia West State Plane NAD83)	Total Depth <sup>a</sup> (feet)	Screened Interval <sup>a</sup> (feet)	Open Hole Interval <sup>a</sup> (feet)	Top of Casing Elevation <sup>b</sup> (feet)	March 26, 2014	
									Static Depth to Water <sup>a</sup> (feet)	Groundwater Elevation <sup>b</sup> (feet)
<b>Upper Water Bearing Zone</b>										
MW-1	6/28/1995	Upper	566051.98	2293023.36	45.88	33.5-48.5	NA	196.54	33.39	163.15
MW-2	6/28/1995	Upper	566220.01	2292765.44	40.19	25-40	NA	196.61	34.87	161.74
MW-3	6/29/1995	Upper	566348.21	2293042.11	46.33	32.50-47.50	NA	198.41	36.64	161.77
MW-4	6/29/1995	Upper	566470.82	2292611.54	46.96	28-41.50	NA	198.43	37.58	160.85
MW-6 <sup>c</sup>	7/25/1998	Upper	566911.71	2292317.29	60.13	NA	60-73	200.14	39.89	160.25
MW-10	7/15/1998	Upper	566080.73	2292221.58	48.37	33.30-48.30	NA	193.75	32.69	161.06
MW-11	7/15/1998	Upper	566921.91	2292317.31	48.30	33-48	NA	200.25	36.52	163.73
MW-12	7/16/1998	Upper	566218.48	2293315.55	45.28	35-50	NA	194.70	31.72	162.98
MW-13	10/22/1998	Upper	566566.74	2293392.86	50.38	35-50	NA	196.48	33.85	162.63
MW-14	10/20/1998	Upper	566899.03	2292756.18	49.71	34.80-49.80	NA	196.99	34.58	162.41
MW-18	6/17/1999	Upper	566533.98	2292176.82	43.70	28.8-43.8	NA	196.49	33.54	162.95
MW-19	6/17/1999	Upper	566035.83	2292750.34	44.12	29-44	NA	193.40	31.57	161.83
MW-21 <sup>d,e</sup>	3/11/2003	Upper	NM	NM	38.61	28.61-38.61	NA	196.80	NM	NM
MW-22	3/11/2003	Upper	566540.86	2292649.02	45.69	35.4-45.4	NA	196.89	34.50	162.39
MW-23	3/11/2003	Upper	566423.91	2292556.49	48.10	37.95-47.95	NA	199.73	37.52	162.21
MW-25 <sup>e</sup>	10/21/2009	Upper	566402.83	2292666.80	39.16	29-39	NA	195.82	33.78	162.04
MW-24 <sup>c</sup>	2/8/2008	Upper	566975.84	2292293.48	58.75	50-60	NA	200.39	39.79	160.60
MW-26 <sup>c</sup>	11/26/2012	Upper	567002.52	2292301.47	62.20	52.20-62.20	NA	200.90	39.96	160.94
TW-2 <sup>f</sup>	3/17/2014	Upper	566015.94	2292736.14	35.51	25.51-35.51	NA	193.36	31.49	161.87
TW-9 <sup>f</sup>	3/19/2014	Upper	566898.95	2292305.58	44.79	34.79-44.79	NA	200.18	36.54	163.64
TW-10 <sup>f</sup>	3/19/2014	Upper	566921.71	2292291.27	44.78	34.78-44.78	NA	200.19	36.29	163.90
TW-11 <sup>c,f</sup>	3/20/2014	Upper	566992.21	2292277.10	59.74	49.74-59.74	NA	200.54	39.75	160.79
TW-15 <sup>f</sup>	3/21/2014	Upper	565998.92	2292779.18	42.95	32.94-42.95	NA	193.99	32.14	161.85
TW-23 <sup>c,f</sup>	3/24/2014	Upper	567002.88	2292252.96	59.78	49.78-59.78	NA	200.26	39.52	160.74
TW-24 <sup>c,f</sup>	3/24/2014	Upper	566940.64	2292250.83	59.68	49.68-59.68	NA	200.15	39.51	160.64
TW-31 <sup>f</sup>	6/4/2014	Upper	566879.07	2292400.98	45.25	35.25-45.25	NA	201.28	NM	NM
TW-35 <sup>f</sup>	6/4/2014	Upper	566848.17	2292320.97	45.07	35.07-45.07	NA	200.02	NM	NM
TW-41 <sup>f</sup>	6/4/2014	Upper	566002.49	2292870.78	45.11	35.11-45.11	NA	196.35	NM	NM
TW-42 <sup>f</sup>	6/4/2014	Upper	566010.23	2292603.03	45.00	35.00-45.00	NA	193.33	NM	NM
<b>Lower Water Bearing Zone</b>										
MW-5	7/23/1998	Lower	566495.97	2292539.09	60.50	NA	60-73	199.89	39.50	160.39
MW-7	7/22/1998	Lower	566080.91	2292207.62	69.35	60-70	NA	194.22	33.52	160.70
MW-8/8D <sup>d</sup>	8/17/1999	Lower	NM	NM	207.50	197.3-207.3	NA	198.00	NM	NM
MW-9	7/20/1998	Lower	566227.03	2293312.05	69.28	NA	58.5-73.5	194.68	35.28	159.40
MW-15	10/23/1998	Lower	566153.85	2292894.90	75.38	65.70-75.70	NA	199.23	39.38	159.85
MW-16	10/21/1998	Lower	566065.57	2293320.44	75.47	64.70-74.70	NA	193.61	33.41	160.20
MW-17	6/17/1999	Lower	566871.51	2293186.97	73.81	66-76	NA	198.73	39.84	158.89
MW-20 <sup>c</sup>	8/14/1999	Lower	NM	NM	70.00	60-70	NA	193.31	NM	NM
Spartan MW-1	11/10/2008	Lower	567032.71	2292578.90	68.5	52-67	NA	206.37	45.99	160.38
Spartan MW-2	11/10/2008	Lower	567048.65	2292428.10	65.0	49.5-64.5	NA	205.78	45.10	160.68
Supply Well	1958	Lower	NM	NM	168.0	NA	NA	NM	NM	NM

<sup>a</sup> Depth below top of casing.

NA - Not Applicable

<sup>b</sup> Elevation is feet above mean sea level.

NM - Not Measured

<sup>c</sup> Wells are screened at the base of the upper water bearing zone and are therefore not used for contouring.

NAD83 - North American Datum of 1983

<sup>d</sup> Wells are not gauged or sampled as part of the monitoring program.

<sup>e</sup> Well MW-25 was replaced MW-21 in 2009.

<sup>f</sup> Temporary wells were abandoned following survey and water level measurements.

Table 2. Historical Soil Detections of Site COCs

Former MacGregor Golf Company  
Albany, Georgia

Location	Sample Depth (feet)	Sampling Date	Inorganics: Concentration (mg/kg)					Organics: Concentration (mg/kg)							
			Total Chromium	Hexavalent Chromium	Trivalent Chromium	Cyanide	Nickel	1,1-Dichloroethene	cis-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride	Benzene	Ethylbenzene	Xylenes (Total)	
Soil Delineation Standard			100	2.0	2.5	20	50	0.7	7.0	0.5	0.2	0.5	70	1,000	
Soil Cleanup Standard			1,200	3.84	3,066,000	412.9	2,665	4.18	7.0	0.5	0.2	0.5	70	1,000	
SB-1	0-2	7/27/98	12	NA	NA	< 0.2	2.9	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.005	
	0-2 D	7/27/98	5.3	NA	NA	< 0.2	2.6	< 0.005	0.015	< 0.005	NA	NA	NA	< 0.005	
	28-30	7/27/98	6.7	NA	NA	< 0.2	13	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.005	
SB-2	0-2 <sup>a</sup>	7/25/98	7.6	NA	NA	0.2	4	< 0.005	< 0.005	< 0.005	NA	NA	NA	0.007	
	0-2 <sup>b</sup>	7/25/98	NA	NA	NA	NA	NA	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.005	
	29-31 <sup>a</sup>	7/25/98	2.7	NA	NA	< 0.2	2.7	< 0.005	< 0.005	< 0.005	NA	NA	NA	0.005	
	29-31 <sup>b</sup>	7/25/98	NA	NA	NA	NA	NA	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.005	
	34-36	7/25/98	9.4	NA	NA	0.4	14	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.005	
SB-3	2-4 <sup>a</sup>	7/24/98	4.2	NA	NA	3.7	300	< 0.005	< 0.005	< 0.005	NA	NA	NA	0.019	
	2-4 <sup>b</sup>	7/24/98	NA	NA	NA	NA	NA	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.005	
	8-10 <sup>a</sup>	7/24/98	3.8	NA	NA	< 0.2	620	< 0.005	< 0.005	< 0.005	NA	NA	NA	0.017	
	8-10 <sup>b</sup>	7/24/98	NA	NA	NA	NA	NA	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.005	
	34-36 <sup>a</sup>	7/24/98	12	NA	NA	0.5	23	< 0.005	1 E	0.45 E	NA	NA	NA	0.019	
	34-36 <sup>b</sup>	7/25/98	NA	NA	NA	NA	NA	< 0.005	0.1	0.04	NA	NA	NA	< 0.005	
	0-2 <sup>a</sup>	7/25/98	530	NA	NA	0.2	52	< 0.005	< 0.005	< 0.005	NA	NA	NA	0.008	
SB-4	0-2 <sup>b</sup>	7/25/98	NA	NA	NA	NA	NA	< 0.005	< 0.005	< 0.005	NA	NA	NA	0.0024 E	
	29-31 <sup>a</sup>	7/25/98	1.8	NA	NA	< 0.2	< 2	< 0.005	< 0.005	< 0.005	NA	NA	NA	0.01	
	29-31 <sup>b</sup>	7/25/98	NA	NA	NA	NA	NA	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.005	
	34-36 <sup>a</sup>	7/24/98	8.6	NA	NA	0.3	5.2	< 0.005	< 0.005	< 0.005	NA	NA	NA	0.008	
	34-36 <sup>b</sup>	7/24/98	NA	NA	NA	NA	NA	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.005	
MW-5	3-5 <sup>a</sup>	7/18/98	4	NA	NA	< 0.2	< 2	< 0.005	< 0.005	< 0.005	NA	NA	NA	0.02	
	3-5 <sup>b</sup>	7/18/98	NA	NA	NA	NA	NA	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.005	
	8-10 <sup>a</sup>	7/18/98	6.1	NA	NA	< 0.2	< 2	< 0.005	< 0.005	< 0.005	NA	NA	NA	0.018	
	8-10 <sup>b</sup>	7/18/98	NA	NA	NA	NA	NA	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.005	
	32-34 <sup>a</sup>	7/18/98	< 1	NA	NA	< 0.2	< 2	< 0.005	< 0.005	< 0.005	NA	NA	NA	0.012	
	32-34 <sup>b</sup>	7/18/98	NA	NA	NA	NA	NA	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.005	
MW-6	13-15 <sup>a</sup>	7/21/98	13	NA	NA	< 0.2	< 1	< 0.005	< 0.005	< 0.005	NA	NA	NA	0.023	
	13-15 <sup>b</sup>	7/21/98	NA	NA	NA	NA	NA	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.005	
SB-5	0-2	10/23/98	6.8	NA	NA	NA	< 2	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.005	
	8-10	10/23/98	5.5	NA	NA	NA	< 2	NA	NA	NA	NA	NA	NA	NA	
	34-36	10/23/98	45	NA	NA	NA	28	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.005	
SB-6	0-2	10/23/98	650	NA	NA	NA	61	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.005	
	8-10	10/23/98	7.2	NA	NA	NA	< 2	NA	NA	NA	NA	NA	NA	NA	
	20-22	10/23/98	NA	NA	NA	NA	NA	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.005	
	34-36	10/23/98	30	NA	NA	NA	24	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.005	
SB-7	0-2	6/24/99	9.9	NA	NA	< 1.1	< 4.3	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.01	
	8-10	6/24/99	7.1	NA	NA	< 1.1	< 4.3	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.009	
	18-20	6/24/99	2.6	NA	NA	< 1.1	< 4.4	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.0096	
SB-8	0-2	6/24/99	10	NA	NA	< 1.1	< 4.3	< 0.004	< 0.004	< 0.004	NA	NA	NA	< 0.0084	
	8-10	6/24/99	6.3	NA	NA	< 1.1	< 4.3	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.0092	
	18-20	6/24/99	4.7	NA	NA	< 1.1	< 4.3	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.0094	
SB-9	0-2	6/24/99	14	NA	NA	< 1.1	< 4.4	< 0.004	< 0.004	< 0.004	NA	NA	NA	< 0.0087	
	8-10	6/24/99	10	NA	NA	< 1.1	< 4.3	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.0094	
	18-20	6/24/99	2.6	NA	NA	< 1.1	< 4.3	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.009	
SB-10	0-2	6/24/99	8.3	NA	NA	< 1.1	< 4.5	< 0.004	< 0.004	< 0.004	NA	NA	NA	< 0.0086	
	8-10	6/24/99	7.8	NA	NA	< 1.1	< 4.4	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.009	
	18-20	6/24/99	3.9	NA	NA	< 1.1	< 4.5	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.0094	
SB-11	0-2	6/24/99	8.1	NA	NA	< 1.1	4.9	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.0093	
	8-10	6/24/99	12	NA	NA	< 1.1	< 4.5	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.0094	
	18-20	6/24/99	8.4	NA	NA	< 1.1	< 4.5	< 0.004	< 0.004	< 0.004	NA	NA	NA	< 0.0089	
SB-12	0-2	6/24/99	7.9	NA	NA	< 1.1	< 4.3	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.01	
	8-10	6/24/99	6.9	NA	NA	< 1.1	< 4.6	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.0094	
	18-20	6/24/99	23	NA	NA	< 1.1	< 4.4	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.0091	
SB-13	0-2	6/24/99	17	NA	NA	< 1.1	6.3	< 0.004	< 0.004	< 0.004	NA	NA	NA	< 0.0089	
	8-10	6/24/99	22	NA	NA	< 1.1	< 4.4	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.01	
	18-20	6/24/99	5.2	NA	NA	< 1.1	< 4.4	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.0096	

Table 2. Historical Soil Detections of Site COCs

Former MacGregor Golf Company  
Albany, Georgia

Location	Sample Depth (feet)	Sampling Date	Inorganics: Concentration (mg/kg)					Organics: Concentration (mg/kg)							
			Total Chromium	Hexavalent Chromium	Trivalent Chromium	Cyanide	Nickel	1,1-Dichloroethene	cis-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride	Benzene	Ethylbenzene	Xylenes (Total)	
Soil Delineation Standard			100	2.0	2.5	20	50	0.7	7.0	0.5	0.2	0.5	70	1,000	
Soil Cleanup Standard			1,200	3.84	3,066,000	412.9	2,665	4.18	7.0	0.5	0.2	0.5	70	1,000	
SB-14	0-2	6/24/99	7.8	NA	NA	< 1.1	< 8.7	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.01	
	8-10	6/24/99	9.9	NA	NA	< 1.1	< 4.3	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.0093	
	18-20	6/24/99	9	NA	NA	< 1.1	< 4.4	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.0092	
SB-15	0-2	6/25/99	60	NA	NA	< 1.1	< 4.5	< 0.004	< 0.004	< 0.004	NA	NA	NA	< 0.0089	
	8-10	6/25/99	280	NA	NA	< 1.3	39	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.01	
	18-20	6/25/99	2	NA	NA	< 1.1	< 4.2	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.0094	
SB-16	0-2	6/25/99	390	NA	NA	< 1.2	68	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.011	
	8-10	6/25/99	15	NA	NA	< 1.1	< 4.4	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.0092	
	18-20	6/25/99	2.8	NA	NA	< 1.1	< 4.3	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.009	
SB-17	0-2	8/5/99	74	NA	NA	NA	6.4	NA	NA	NA	NA	NA	NA	NA	
	8-10	8/5/99	88	NA	NA	NA	82	NA	NA	NA	NA	NA	NA	NA	
	18-20	8/5/99	8.9	NA	NA	NA	22	NA	NA	NA	NA	NA	NA	NA	
SB-17A	18-20	9/3/99	8.7	NA	NA	NA	7.7	NA	NA	NA	NA	NA	NA	NA	
	23-25	9/3/99	31	NA	NA	NA	61	NA	NA	NA	NA	NA	NA	NA	
	28-30	11/26/12	NA	NA	NA	NA	48.3	NA	NA	NA	NA	NA	NA	NA	
SB-18	0-2	8/5/99	730	NA	NA	NA	39	NA	NA	NA	NA	NA	NA	NA	
	8-10	8/5/99	29	NA	NA	NA	6.7	NA	NA	NA	NA	NA	NA	NA	
	18-20	8/5/99	4.9	NA	NA	NA	< 4.2	NA	NA	NA	NA	NA	NA	NA	
SB-19	0-2	8/5/99	32	NA	NA	NA	8.6	NA	NA	NA	NA	NA	NA	NA	
	8-10	8/5/99	9.3	NA	NA	NA	< 4.5	NA	NA	NA	NA	NA	NA	NA	
	18-20	8/5/99	3.8	NA	NA	NA	< 4	NA	NA	NA	NA	NA	NA	NA	
SB-20	0-2	8/5/99	7.2	NA	NA	NA	< 8.5	NA	NA	NA	NA	NA	NA	NA	
	8-10	8/5/99	11	NA	NA	NA	< 4.5	NA	NA	NA	NA	NA	NA	NA	
	18-20	8/5/99	9.8	NA	NA	NA	< 4.7	NA	NA	NA	NA	NA	NA	NA	
SB-21	0-2	8/5/99	5.3	NA	NA	NA	< 3.9	NA	NA	NA	NA	NA	NA	NA	
	8-10	8/5/99	22	NA	NA	NA	< 4.4	NA	NA	NA	NA	NA	NA	NA	
	18-20	8/5/99	12	NA	NA	NA	< 4.7	NA	NA	NA	NA	NA	NA	NA	
SB-22	0-2	8/5/99	13	NA	NA	NA	< 3.9	NA	NA	NA	NA	NA	NA	NA	
	8-10	8/5/99	15	NA	NA	NA	< 4.1	NA	NA	NA	NA	NA	NA	NA	
	18-20	8/5/99	6.6	NA	NA	NA	< 4.1	NA	NA	NA	NA	NA	NA	NA	
SB-23	0-2	8/5/99	7.5	NA	NA	NA	< 4.3	NA	NA	NA	NA	NA	NA	NA	
	8-10	8/5/99	7.8	NA	NA	NA	< 4.3	NA	NA	NA	NA	NA	NA	NA	
	18-20	8/5/99	9.2	NA	NA	NA	< 4.5	NA	NA	NA	NA	NA	NA	NA	
SB-24	0-2	9/13/00	28	NA	NA	NA	< 4.2	NA	NA	NA	NA	NA	NA	NA	
SB-25	0-2	9/13/00	190	NA	NA	NA	22	NA	NA	NA	NA	NA	NA	NA	
SB-26	0-2	9/13/00	170	NA	NA	NA	18	NA	NA	NA	NA	NA	NA	NA	
MW-17	0-2	6/16/99	6.6	NA	NA	< 1.1	< 4.2	NA	NA	NA	NA	NA	NA	NA	
	8-10	6/17/99	21	NA	NA	< 1.1	< 4.3	NA	NA	NA	NA	NA	NA	NA	
	18-20	6/17/99	5.8	NA	NA	< 1.1	< 4.4	NA	NA	NA	NA	NA	NA	NA	
MW-18	0-2	6/16/99	16	NA	NA	< 1.1	6.2	NA	NA	NA	NA	NA	NA	NA	
	8-10	6/16/99	19	NA	NA	< 1.2	< 4.7	NA	NA	NA	NA	NA	NA	NA	
	18-20	6/16/99	7.1	NA	NA	< 1.1	< 4.4	NA	NA	NA	NA	NA	NA	NA	
MW-20	0-2	8/5/99	18	NA	NA	NA	5.4	NA	NA	NA	NA	NA	NA	NA	
	8-10	8/5/99	16	NA	NA	NA	< 5.1	NA	NA	NA	NA	NA	NA	NA	
	18-20	8/5/99	2.1	NA	NA	NA	< 4.2	NA	NA	NA	NA	NA	NA	NA	
B-1	10-15	5/24/05	NA	NA	NA	NA	NA	< 0.0032	0.0062	< 0.0036	< 0.0071	< 0.0036	< 0.0036	< 0.0036	
	20-25	5/24/05	NA	NA	NA	NA	NA	< 0.0032	< 0.0036	< 0.0036	< 0.0071	< 0.0036	< 0.0036	< 0.0036	
	35-40	5/24/05	NA	NA	NA	NA	NA	< 0.0032	0.12	0.01	< 0.0071	0.0042	< 0.0036	< 0.0036	
B-2	5-10	5/24/05	NA	NA	NA	NA	NA	< 0.0032	< 0.0036	< 0.0036	< 0.0071	< 0.0036	< 0.0036	< 0.0036	
	25-30	5/24/05	NA	NA	NA	NA	NA	< 0.0032	0.11	< 0.0036	< 0.0071	< 0.0036	< 0.0036	< 0.0036	
B-3	5-10	5/24/05	NA	NA	NA	NA	NA	< 0.0034	< 0.0034	< 0.0034	< 0.0069	< 0.0034	32	130	
	15-20	5/24/05	NA	NA	NA	NA	NA	< 0.0032	0.018	< 0.0036	< 0.0071	< 0.0036	< 0.0036	< 0.0036	

Table 2. Historical Soil Detections of Site COCs

Former MacGregor Golf Company  
Albany, Georgia

Location	Sample Depth (feet)	Sampling Date	Inorganics: Concentration (mg/kg)					Organics: Concentration (mg/kg)							
			Total Chromium	Hexavalent Chromium	Trivalent Chromium	Cyanide	Nickel	1,1-Dichloroethene	cis-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride	Benzene	Ethylbenzene	Xylenes (Total)	
Soil Delineation Standard			100	2.0	2.5	20	50	0.7	7.0	0.5	0.2	0.5	70	1,000	
Soil Cleanup Standard			1,200	3.84	3,066,000	412.9	2,665	4.18	7.0	0.5	0.2	0.5	70	1,000	
B-4	5-10	5/24/05	NA	NA	NA	NA	NA	0.013	11	< 0.0036	1.5	0.0098	4.00	16.6	
	9-10	11/26/12	NA	NA	NA	NA	NA	NA	25	NA	1.5	NA	NA	NA	
	9-10	11/26/12 Dup	NA	NA	NA	NA	NA	NA	37	NA	1.4	NA	NA	NA	
	15-20	5/24/05	NA	NA	NA	NA	NA	0.025	0.32	0.0056	< 0.0071	< 0.0036	0.0061	0.028	
	25-30	5/24/05	NA	NA	NA	NA	NA	0.025	2.1	0.014	< 0.0071	< 0.0036	0.67	3.21	
B-4a	3-4	2/22/13	NA	NA	NA	NA	NA	NA	1.500	NA	< 0.0087	NA	NA	NA	
	7-8	2/22/13	NA	NA	NA	NA	NA	NA	0.110	NA	< 0.011	NA	NA	NA	
	10-11	2/22/13	NA	NA	NA	NA	NA	NA	0.140	NA	< 0.013	NA	NA	NA	
	15-19	2/22/13	NA	NA	NA	NA	NA	NA	0.130	NA	< 0.015	NA	NA	NA	
B-5	15-20	5/25/05	NA	NA	NA	NA	NA	< 0.0032	< 0.0036	< 0.0036	< 0.0071	< 0.0036	< 0.0036	< 0.0036	
	25-30	5/25/05	NA	NA	NA	NA	NA	< 0.0032	< 0.0036	< 0.0036	< 0.0071	< 0.0036	< 0.0036	< 0.0036	
B-6	5-10	5/25/05	NA	NA	NA	NA	NA	< 0.0032	< 0.0036	< 0.0036	< 0.0071	< 0.0036	< 0.0036	< 0.0036	
	25-30	5/25/05	NA	NA	NA	NA	NA	< 0.0032	< 0.0036	< 0.0036	< 0.0071	< 0.0036	< 0.0036	< 0.0036	
B-7	5-10	5/25/05	NA	NA	NA	NA	NA	< 0.0032	< 0.0036	< 0.0036	< 0.0071	< 0.0036	< 0.0036	< 0.0036	
	15-20	5/25/05	NA	NA	NA	NA	NA	< 0.0032	< 0.0036	< 0.0036	< 0.0071	< 0.0036	< 0.0036	< 0.0036	
B-8	0-5	5/25/05	NA	NA	NA	NA	NA	< 0.0032	< 0.0036	< 0.0036	< 0.0071	< 0.0036	< 0.0036	< 0.0036	
	15-20	5/25/05	NA	NA	NA	NA	NA	< 0.0032	< 0.0036	< 0.0036	< 0.0071	< 0.0036	< 0.0036	< 0.0036	
B-10	5-10	5/25/05	NA	NA	NA	NA	NA	< 0.0032	< 0.0036	< 0.0036	< 0.0071	< 0.0036	< 0.0036	< 0.0036	
SB-27	0-2	2/20/08	58.60	NA	NA	NA	13.10	NA	NA	NA	NA	NA	NA	NA	
	2-4	2/20/08	52.90	NA	NA	NA	11.50	NA	NA	NA	NA	NA	NA	NA	
SB-28	0-2	2/20/08	89.60	NA	NA	NA	15.70	NA	NA	NA	NA	NA	NA	NA	
	2-4	2/20/08	49.60	NA	NA	NA	18.20	NA	NA	NA	NA	NA	NA	NA	
SB-29	0-2	2/20/08	133	NA	NA	NA	11.10	NA	NA	NA	NA	NA	NA	NA	
	2-4	2/20/08	16.70	NA	NA	NA	< 4.34	NA	NA	NA	NA	NA	NA	NA	
SB-30	0-2	2/20/08	5.47	NA	NA	NA	< 5.80	NA	NA	NA	NA	NA	NA	NA	
SB-31	0-2	2/20/08	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	8-10	2/20/08	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
SB-31	23-25	2/20/08	< 2.20	NA	NA	NA	< 4.41	NA	NA	NA	NA	NA	NA	NA	
	30-32	2/20/08	5.72	NA	NA	NA	< 5.30	< 0.0095	< 0.0095	< 0.0095	< 0.0095	< 0.019	< 0.0095	< 0.0095	
SB-32	0-2	2/20/08	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	8-10	2/20/08	13.00	NA	NA	NA	< 5.32	NA	NA	NA	NA	NA	NA	NA	
	23-25	2/20/08	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
SB-33	0-2	2/20/08	NA	NA	NA	< 1.08	NA	NA	NA	NA	NA	NA	NA	NA	
	34-36	2/20/08	6.53	NA	NA	NA	< 4.5	NA	NA	NA	NA	NA	NA	NA	
	40-42	2/20/08	8.70	NA	NA	NA	< 5.73	NA	NA	NA	NA	NA	NA	NA	
SB-34	34-36	2/20/08	22.50	NA	NA	NA	7.31	NA	NA	NA	NA	NA	NA	NA	
SB-35	0-2	2/20/08	9.21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
SB-36	0-2	4/8/08	8.56	NA	NA	NA	< 5.14	NA	NA	NA	NA	NA	NA	NA	
SB-37	0-2	4/8/08	9.46	NA	NA	NA	< 4.41	NA	NA	NA	NA	NA	NA	NA	
SB-38	0-2	4/8/08	6.39	NA	NA	NA	< 5.06	NA	NA	NA	NA	NA	NA	NA	
	0-2	4/8/08 Dup	3.4	NA	NA	NA	< 5.06	NA	NA	NA	NA	NA	NA	NA	
SB-39	34-36	4/8/08	12	NA	NA	NA	< 4.60	NA	NA	NA	NA	NA	NA	NA	
DB-S1	0-1	10/20/09	5.9	< 0.37	5.9	NA	1.3	NA	NA	NA	NA	NA	NA	NA	
DB-S2	0-1	10/20/09	45.0	< 0.75	45.0	NA	8.0	NA	NA	NA	NA	NA	NA	NA	
	0-1 D	10/20/09	40.0	< 0.60	40.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	
SED-1	0-3"	2000	3,300 <sup>c</sup>	NA	NA	NA	210	NA	NA	NA	NA	NA	NA	NA	
SED-2	0-3"	2000	500 <sup>c</sup>	NA	NA	NA	240	NA	NA	NA	NA	NA	NA	NA	
	0-3"	2000 Dup	490 <sup>c</sup>	NA	NA	NA	270	NA	NA	NA	NA	NA	NA	NA	
SED-3	0-1	10/20/09	1,400 <sup>d</sup>	< 0.36	1,400	NA	NA	NA	NA	NA	NA	NA	NA	NA	
SED-4	0-1	10/20/09	2,900 <sup>d</sup>	< 0.42	2,900	NA	NA	NA	NA	NA	NA	NA	NA	NA	
SED-5	0-1	10/20/09	2,400 <sup>d</sup>	< 0.36	2,400	NA	NA	NA	NA	NA	NA	NA	NA	NA	
SED-6	0-1	10/20/09	880	< 0.35	880	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 2. Historical Soil Detections of Site COCs

Former MacGregor Golf Company  
Albany, Georgia

Location	Sample Depth (feet)	Sampling Date	Inorganics: Concentration (mg/kg)					Organics: Concentration (mg/kg)						
			Total Chromium	Hexavalent Chromium	Trivalent Chromium	Cyanide	Nickel	1,1-Dichloroethene	cis-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride	Benzene	Ethylbenzene	Xylenes (Total)
Soil Delineation Standard			100	2.0	2.5	20	50	0.7	7.0	0.5	0.2	0.5	70	1,000
Soil Cleanup Standard			1,200	3.84	3,066,000	412.9	2,665	4.18	7.0	0.5	0.2	0.5	70	1,000
GP-1	4-5	2/22/13	NA	NA	NA	NA	NA	NA	13	NA	< 0.0089	NA	NA	NA
	5-6	2/22/13	NA	NA	NA	NA	NA	NA	120	NA	0.023	NA	NA	NA
	14-15	2/22/13	NA	NA	NA	NA	NA	NA	0.110	NA	< 0.014	NA	NA	NA
	19-20	2/22/13	NA	NA	NA	NA	NA	NA	0.580	NA	< 0.008	NA	NA	NA
GP-2	4-5	2/22/13	NA	NA	NA	NA	NA	NA	0.066	NA	< 0.0093	NA	NA	NA
	7-8	2/22/13	NA	NA	NA	NA	NA	NA	< 0.006	NA	< 0.012	NA	NA	NA
	14-15	2/22/13	NA	NA	NA	NA	NA	NA	1.000	NA	< 0.014	NA	NA	NA
	18-19	2/22/13	NA	NA	NA	NA	NA	NA	0.540	NA	< 0.0067	NA	NA	NA
GP-3	4-5	2/22/13	NA	NA	NA	NA	NA	NA	< 0.0045	NA	< 0.009	NA	NA	NA
	7-8	2/22/13	NA	NA	NA	NA	NA	NA	0.100	NA	< 0.008	NA	NA	NA
	14-15	2/22/13	NA	NA	NA	NA	NA	NA	0.380	NA	< 0.008	NA	NA	NA
	17-18	2/22/13	NA	NA	NA	NA	NA	NA	0.082	NA	< 0.011	NA	NA	NA
GP-4	3-4	2/22/13	NA	NA	NA	NA	NA	NA	1.700	NA	0.033	NA	NA	NA
	9-10	2/22/13	NA	NA	NA	NA	NA	NA	< 0.0059	NA	< 0.012	NA	NA	NA
	14-15	2/22/13	NA	NA	NA	NA	NA	NA	< 0.0051	NA	< 0.010	NA	NA	NA
	17-18	2/22/13	NA	NA	NA	NA	NA	NA	0.075	NA	< 0.011	NA	NA	NA
GP-6	2-3	2/22/13	NA	NA	NA	NA	NA	NA	< 0.0047	NA	< 0.0095	NA	NA	NA
	8-9	2/22/13	NA	NA	NA	NA	NA	NA	0.076	NA	< 0.008	NA	NA	NA

NA - Sample not analyzed for this parameter.

Dup - Duplicate sample

mg/kg - milligrams per kilogram

E - Estimated (value above quantitation range)

J - Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an estimated value.

<sup>a</sup> Soil from lab-contaminated Encore samplers run for 8260 VOCs.

<sup>b</sup> Soil from soil jars run for 8260 VOCs.

<sup>c</sup> The area immediately surrounding SED-1 and SED-2 was resampled in 2009. Based on the speciation of samples SED-3 through SED-6, the chromium in SED-1 and SED-2 was assumed to be in trivalent form.

<sup>d</sup> Based on the speciation of samples SED-3 through SED-6, the chromium is in trivalent form.

Purple Highlight - Indicates concentration is greater than delineation standard.

Orange Highlight - Indicates concentration is greater than delineation and cleanup standard.

**Table 3. Historical Groundwater Detections of Site COCs**  
**Former MacGregor Golf Company**  
**Albany, Georgia**

Well ID	Sampling Date	Inorganics: Concentration (mg/L)					Organics: Concentration (mg/L)							
		Total Chromium	Hexavalent Chromium	Trivalent Chromium	Cyanide	Nickel	1,1-Dichloroethene	cis-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride	Benzene	Ethylbenzene	Xylenes (Total)	
GW Delineation Standard		0.10	0.01	0.01	0.20	0.10	0.007	0.07	0.005	0.002	0.005	0.7	10	
GW Cleanup Standard		0.10	0.01	153	2.04	2.04	0.58	0.204	0.038	0.0033	0.0088	0.70	10	
MW-1	6/30/95	0.05	NA	NA	NA	NA	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002	<0.005	
	6/10/98	NA	NA	NA	NA	NA	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002	<0.005	
	7/31/98	<0.010	NA	NA	<0.02	<0.02	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	
	6/30/99	NA	NA	NA	NA	NA	0.0017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	
	8/6/99	NA	NA	NA	NA	NA	<0.001	<0.001	<0.001	NA	NA	NA	NA	
	3/12/03	NA	NA	NA	NA	NA	<0.0002	<0.0004	<0.0002	<0.0001	<0.0002	<0.0003	<0.0015	
MW-2	6/30/95	0.04	NA	NA	NA	NA	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002	<0.005	
	6/10/98	NA	NA	NA	NA	NA	<0.005	0.0059	<0.005	<0.002	<0.002	<0.002	<0.005	
	7/31/98	<0.010	NA	NA	<0.02	<0.02	<0.002	0.004	<0.002	<0.002	<0.002	<0.002	<0.005	
MW-3	6/30/95	0.05	NA	NA	NA	NA	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002	<0.005	
	6/10/98	NA	NA	NA	NA	NA	0.0094	<0.005	0.005	<0.002	<0.002	<0.002	<0.005	
	7/31/98	<0.010	NA	NA	<0.02	0.03	0.007	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	
	6/30/99	NA	NA	NA	NA	NA	0.0058	0.0019	<0.001	<0.001	<0.001	<0.001	<0.002	
		2/26/03	NA	NA	NA	NA	NA	<0.0002	<0.0004	<0.0002	<0.0001	<0.0002	<0.0003	<0.0015
MW-4	6/30/95	<0.010	NA	NA	NA	NA	<0.005	1.560	0.376	0.065	<0.002	<0.002	<0.005	
	6/10/98	NA	NA	NA	NA	NA	<0.005	2.900	0.310	<0.002	<0.002	<0.002	<0.005	
	7/29/98	0.33	NA	NA	<0.02	0.39	<0.002	2.800	0.350	0.013	<0.002	<0.002	<0.005	
	6/30/99	NA	NA	NA	NA	NA	<0.025	3.700	0.460	<0.001	<0.025	<0.025	<0.050	
		2/26/03	NA	NA	NA	NA	NA	<0.0002	2.200	0.290	0.017	<0.0002	<0.0003	<0.0015
		5/21/03	NA	NA	NA	NA	NA	<0.0002	1.300	0.200	0.0034	<0.0002	<0.0003	<0.0015
		6/13/03	NA	NA	NA	NA	NA	<0.0002	2.200	0.190	0.0022	<0.0002	<0.0003	<0.0015
		7/18/03	NA	NA	NA	NA	NA	<0.007	1.500	0.200	0.0068	<0.009	<2.300	<10.000
		8/14/03	NA	NA	NA	NA	NA	<0.00022	1.600	0.200	0.0020	<0.00019	<0.00032	<0.0015
		2/19/04	NA	NA	NA	NA	NA	<0.007	1.800	0.370	0.013	<0.009	<2.300	<10.000
		3/29/04	NA	NA	NA	NA	NA	<0.005	1.700	0.130	0.021	<0.005	<0.005	<0.015
		5/19/04	NA	NA	NA	NA	NA	<0.005	0.890	0.110	0.0087	<0.005	<0.005	<0.015
		8/23/04	NA	NA	NA	NA	NA	<0.005	1.400	0.180	0.0074	<0.005	<0.005	<0.015
		5/30/06	<0.010	NA	NA	NA	2.83	<0.005	1.100	0.170	0.0088	<0.005	<0.005	<0.015
		10/22/09	NA	NA	NA	NA	NA	0.00025 J	0.400	0.079	0.015	<0.00028	<0.00025	<0.00068
		7/28/10	NA	NA	NA	NA	NA	<0.005	0.690	0.200	0.025	<0.005	<0.005	<0.015
		3/31/11	NA	NA	NA	NA	NA	<0.005	0.410	0.110	0.0048	<0.005	<0.005	<0.015
		1/11/12	NA	NA	NA	NA	0.0725	NA	NA	NA	NA	NA	NA	NA
		11/28/12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		10/22/13	<0.010	<0.010	<0.010	NA	0.203	<0.005	0.380	0.120	0.015	<0.005	<0.005	<0.005
	1/7/14	NA	NA	NA	NA	NA	<0.005	0.290	0.097	0.011	<0.005	<0.005	<0.005	
MW-5	7/30/98	0.01	NA	NA	<0.02	<0.02	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	
	6/28/99	NA	NA	NA	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	
	8/9/99	NA	NA	NA	NA	NA	<0.001	<0.001	<0.001	NA	NA	NA	NA	
	9/3/99	NA	NA	NA	NA	NA	<0.001	<0.001	<0.001	NA	NA	NA	NA	
	3/13/03	NA	NA	NA	NA	NA	<0.0002	0.030	<0.0002	<0.0001	<0.0002	<0.0003	<0.0015	
	5/30/06	NA	NA	NA	NA	<0.02	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.015	
MW-6	7/30/98	0.01	NA	NA	<0.02	<0.02	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	
	6/28/99	NA	NA	NA	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	
	2/25/03	NA	NA	NA	NA	NA	<0.0002	<0.0004	<0.0002	<0.0001	<0.0002	<0.0003	<0.0015	
MW-7	7/30/98	<0.010	NA	NA	<0.02	<0.02	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	
	6/29/99	NA	NA	NA	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	
	3/13/03	NA	NA	NA	NA	NA	<0.0002	<0.0004	<0.0002	<0.0001	<0.0002	<0.0003	<0.0015	
MW-8	7/15/98	NA	NA	NA	NA	NA	0.007	<0.002	0.003	<0.002	<0.002	<0.002	<0.005	
	7/31/98	<0.010	NA	NA	0.03	<0.02	0.008	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	
	6/8/99	NA	NA	NA	NA	NA	0.014	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	
	6/28/99	NA	NA	NA	NA	NA	0.016	<0.001	<0.0002	<0.001	<0.001	<0.001	<0.002	
MW-8D	6/17/99	NA	NA	NA	NA	NA	<0.001	<0.001	<0.001	NA	NA	NA	NA	

**Table 3. Historical Groundwater Detections of Site COCs**  
**Former MacGregor Golf Company**  
**Albany, Georgia**

Well ID	Sampling Date	Inorganics: Concentration (mg/L)					Organics: Concentration (mg/L)						
		Total Chromium	Hexavalent Chromium	Trivalent Chromium	Cyanide	Nickel	1,1-Dichloroethene	cis-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride	Benzene	Ethylbenzene	Xylenes (Total)
GW Delineation Standard		0.10	0.01	0.01	0.20	0.10	0.007	0.07	0.005	0.002	0.005	0.7	10
GW Cleanup Standard		0.10	0.01	153	2.04	2.04	0.58	0.204	0.038	0.0033	0.0088	0.70	10
MW-9	7/29/98	< 0.010	NA	NA	< 0.02	< 0.02	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005
	6/28/99	NA	NA	NA	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	8/6/99	NA	NA	NA	NA	NA	<0.001	<0.001	<0.001	NA	NA	NA	NA
	2/25/03	NA	NA	NA	NA	NA	<0.0002	<0.0004	<0.0002	<0.0001	<0.0002	<0.0003	<0.0015
	2/21/08	NA	NA	NA	NA	NA	<0.007	NA	NA	NA	NA	NA	NA
MW-10	7/29/98	0.01	NA	NA	< 0.02	< 0.02	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005
	6/29/99	NA	NA	NA	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	3/13/03	NA	NA	NA	NA	NA	<0.0002	<0.0004	<0.0002	<0.0001	<0.0002	<0.0003	<0.0015
MW-11	7/30/98	0.04	NA	NA	< 0.02	< 0.04	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005
	6/28/99	NA	NA	NA	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	9/13/99	0.37 <sup>a</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/25/03	NA	NA	NA	NA	NA	<0.0002	<0.0004	<0.0002	<0.0001	<0.0002	<0.0003	<0.0015
	2/21/08	0.0404	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/21/09	0.0250	0.0300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/29/10	0.1930	0.0322	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/29/11	0.0285	0.0243	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/23/13	0.0459	0.0402	< 0.010	NA	NA	NA	NA	NA	NA	NA	NA	NA
1/7/14	0.0319	0.0351	< 0.010	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-12	7/30/98	< 0.010	NA	NA	< 0.02	< 0.02	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005
	6/28/99	NA	NA	NA	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	2/25/03	NA	NA	NA	NA	NA	<0.0002	<0.0004	<0.0002	<0.0001	<0.0002	<0.0003	<0.0015
	7/28/10	NA	NA	NA	NA	NA	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.015
	3/28/11	NA	NA	NA	NA	NA	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.015
MW-13	10/26/98	NA	NA	NA	NA	NA	<0.002	<0.002	<0.002	<0.002	0.014	0.770	4.5
	6/28/99	NA	NA	NA	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	2/25/03	NA	NA	NA	NA	NA	<0.0002	<0.0004	<0.0002	<0.0001	<0.0002	<0.0003	<0.0015
	3/20/10	< 0.010	< 0.010	NA	NA	NA	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.015
	7/28/10	< 0.010	< 0.010	NA	NA	NA	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.015
	3/29/11	< 0.010	< 0.010	NA	NA	NA	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.015
MW-14	10/27/98	NA	NA	NA	NA	NA	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005
	6/28/99	NA	NA	NA	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
	2/25/03	NA	NA	NA	NA	NA	<0.0002	<0.0004	<0.0002	<0.0001	<0.0002	<0.0003	<0.0015
MW-15	10/26/98	NA	NA	NA	NA	NA	0.057	<0.002	0.004	<0.002	<0.002	<0.002	<0.005
	6/30/99	NA	NA	NA	NA	NA	0.340	<0.002	0.032	<0.002	<0.002	<0.002	<0.004
	2/26/03	NA	NA	NA	NA	NA	0.066	< 0.0004	0.008	< 0.0001	< 0.0002	< 0.0003	< 0.0015
MW-16	10/26/98	NA	NA	NA	NA	NA	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.005
	6/29/99	NA	NA	NA	NA	NA	< 0.001	< 0.001	0.0017	< 0.001	< 0.001	< 0.001	< 0.002
	8/6/99	NA	NA	NA	NA	NA	< 0.001	0.0018	0.004	NA	NA	NA	NA
	9/3/99	NA	NA	NA	NA	NA	< 0.001	0.0012	< 0.001	NA	NA	NA	NA
	9/13/00	NA	NA	NA	< 0.01	NA	< 0.001	0.0015	0.0029	< 0.001	< 0.001	< 0.001	< 0.002
	2/25/03	NA	NA	NA	NA	NA	< 0.0002	< 0.0004	< 0.0002	< 0.0001	< 0.0002	< 0.0003	< 0.0015
MW-17	6/28/99	NA	NA	NA	NA	NA	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002
	8/9/99	NA	NA	NA	NA	NA	< 0.001	< 0.001	< 0.001	NA	NA	NA	NA
	2/25/03	NA	NA	NA	NA	NA	< 0.0002	< 0.0004	< 0.0002	< 0.0001	< 0.0002	< 0.0003	< 0.0015
MW-18	6/26/99	NA	NA	NA	NA	NA	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002
	8/9/99	NA	NA	NA	NA	NA	< 0.001	< 0.001	< 0.001	NA	NA	NA	NA
	9/13/99	< 0.010	NA	NA	NA	< 0.04	NA	NA	NA	NA	NA	NA	NA
MW-19	6/28/99	NA	NA	NA	NA	NA	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002
	8/9/99	NA	NA	NA	NA	NA	< 0.001	< 0.001	< 0.001	NA	NA	NA	NA
	2/26/03	NA	NA	NA	NA	NA	< 0.0002	< 0.0004	< 0.0002	< 0.0001	< 0.0002	< 0.0003	< 0.0015
	7/28/10	0.0117	0.0139	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.002	< 0.005	< 0.005	< 0.015
	3/29/11	< 0.010	< 0.010	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.002	< 0.005	< 0.005	< 0.015
	10/23/13	0.296	0.284 J	0.0113 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/8/14	0.196	0.199	< 0.010	NA	NA	NA	NA	NA	NA	NA	NA	NA
1/8/14 Dup	0.204	0.198	< 0.010	NA	NA	NA	NA	NA	NA	NA	NA	NA	

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Well ID	Sampling Date	Inorganics: Concentration (mg/L)					Organics: Concentration (mg/L)						
		Total Chromium	Hexavalent Chromium	Trivalent Chromium	Cyanide	Nickel	1,1-Dichloroethene	cis-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride	Benzene	Ethylbenzene	Xylenes (Total)
GW Delineation Standard		0.10	0.01	0.01	0.20	0.10	0.007	0.07	0.005	0.002	0.005	0.7	10
GW Cleanup Standard		0.10	0.01	153	2.04	2.04	0.58	0.204	0.038	0.0033	0.0088	0.70	10
MW-20	8/17/99	NA	NA	NA	NA	NA	0.0047	< 0.001	0.0016	NA	NA	NA	NA
	9/3/99	NA	NA	NA	NA	NA	0.0073	< 0.001	< 0.001	NA	NA	NA	NA
	9/13/00	NA	NA	NA	< 0.01	NA	0.0085	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002
	2/25/03	NA	NA	NA	NA	NA	< 0.0002	< 0.0004	< 0.0002	< 0.0001	< 0.0002	< 0.0003	< 0.0015
MW-21	3/13/03	NA	NA	NA	NA	NA	< 0.0002	0.030	< 0.0002	< 0.0001	< 0.0002	< 0.0003	< 0.0015
MW-22	3/13/03	NA	NA	NA	NA	NA	< 0.0002	< 0.0004	0.007	< 0.0001	< 0.0002	< 0.0003	< 0.0015
	5/30/06	NA	NA	NA	NA	< 0.02	< 0.005	0.0084	0.0090	< 0.002	< 0.005	< 0.005	< 0.015
	10/22/09	NA	NA	NA	NA	NA	< 0.00024	0.0062	0.0053	< 0.00029	< 0.00028	< 0.00025	< 0.00068
	7/28/10	NA	NA	NA	NA	NA	< 0.005	0.0095	0.0089	< 0.002	< 0.005	< 0.005	< 0.015
	3/31/11	NA	NA	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.002	< 0.005	< 0.005	< 0.015
MW-23	11/28/12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/13/03	NA	NA	NA	NA	NA	< 0.0002	0.030	< 0.0002	< 0.0001	< 0.0002	< 0.0003	< 0.0015
	5/30/06	NA	NA	NA	NA	< 0.02	< 0.005	< 0.005	< 0.002	< 0.005	< 0.005	< 0.015	
	2/8/08	0.33	NA	NA	NA	< 0.02	NA	NA	NA	NA	NA	NA	NA
	10/22/09	NA	NA	NA	NA	NA	< 0.00024	0.0012	0.00059J	< 0.00029	< 0.00028	< 0.00025	< 0.00068
	7/28/10	NA	NA	NA	NA	NA	< 0.005	0.0089	< 0.005	< 0.002	< 0.005	< 0.005	< 0.015
	3/29/11	NA	NA	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.002	< 0.005	< 0.005	< 0.005
	10/2/12	< 0.010	< 0.010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
10/22/13	< 0.010	< 0.010	< 0.010	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-24	4/9/08	0.386	NA	NA	NA	< 0.02	NA	NA	NA	NA	NA	NA	NA
	10/21/09	0.11	0.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/29/10	0.108	0.107	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/29/10 Dup	0.109	0.110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/30/11	0.120	0.0945	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/11/12	0.153 <sup>b</sup>	0.125 <sup>b</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/2/12	0.138 <sup>c</sup>	0.105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/2/12 Dup	0.139	0.116	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/23/13	0.0829	0.0513	0.0316	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-25	10/22/09	NA	NA	NA	NA	NA	< 0.00024	0.004	0.0018	< 0.00029	< 0.00028	< 0.00025	< 0.00068
	7/28/10	NA	NA	NA	NA	NA	< 0.005	0.011	0.0055	< 0.002	< 0.005	< 0.005	< 0.015
	3/29/11	NA	NA	NA	NA	NA	< 0.005	0.0083	< 0.005	< 0.002	< 0.005	< 0.005	< 0.015
MW-26	11/29/12	0.175	0.184	< 0.010	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/29/12 Dup	0.175	0.180	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/20/2013	0.0959	< 0.010	0.0959	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/20/2013 Dup	0.0979	< 0.010	0.0979	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/9/2013	0.0337	0.031	< 0.010	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/24/2013	< 0.010	< 0.010	< 0.010	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/24/2013 Dup	< 0.010	< 0.010	< 0.010	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/8/2014	< 0.010	< 0.010	< 0.010	NA	NA	NA	NA	NA	NA	NA	NA	NA
Spartan MW-2	2/21/2013	0.0101	< 0.050	0.0101	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/8/2013	< 0.010	< 0.010	< 0.010	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/8/2013 Dup	< 0.010	< 0.010	< 0.010	NA	NA	NA	NA	NA	NA	NA	NA	NA
Supply Well	9/22/98	NA	NA	NA	NA	NA	0.003	< 0.002	0.003	< 0.002	< 0.002	< 0.002	< 0.005
	6/15/99	NA	NA	NA	NA	NA	0.0011	< 0.001	0.0026	< 0.001	< 0.001	< 0.001	< 0.002
	3/12/03	NA	NA	NA	NA	NA	0.006	< 0.0004	< 0.0002	< 0.0001	< 0.0002	< 0.0003	< 0.0015
DB-SW-1 (Surface Water)	10/20/09	0.0027J	NA	NA	NA	< 0.0022	NA	NA	NA	NA	NA	NA	
TW-1	3/18/2014	0.160	0.143	0.017	NA	NA	NA	NA	NA	NA	NA	NA	
TW-2	3/18/2014	0.034	0.020 J	0.014	NA	NA	NA	NA	NA	NA	NA	NA	
	3/18/2014 Dup	0.034	0.026 J	< 0.01	NA	NA	NA	NA	NA	NA	NA	NA	
TW-3	3/18/2014	0.076	0.068	< 0.01	NA	NA	NA	NA	NA	NA	NA	NA	
TW-4	3/18/2014	0.125	0.110	0.015	NA	NA	NA	NA	NA	NA	NA	NA	
TW-5	3/19/2014	0.075	0.070 J	< 0.01 UJ	NA	NA	NA	NA	NA	NA	NA	NA	
TW-6	3/19/2014	0.020	< 0.01	0.019	NA	NA	NA	NA	NA	NA	NA	NA	
TW-7	3/19/2014	< 0.01	< 0.01	< 0.01	NA	NA	NA	NA	NA	NA	NA	NA	
TW-8	3/19/2014	0.020	0.013	< 0.01	NA	NA	NA	NA	NA	NA	NA	NA	
TW-9	3/20/2014	0.015 J	< 0.01 UJ	0.015 J	NA	NA	NA	NA	NA	NA	NA	NA	
TW-10	3/20/2014	0.011	< 0.01	0.011	NA	NA	NA	NA	NA	NA	NA	NA	

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Well ID	Sampling Date	Inorganics: Concentration (mg/L)					Organics: Concentration (mg/L)						
		Total Chromium	Hexavalent Chromium	Trivalent Chromium	Cyanide	Nickel	1,1-Dichloroethene	cis-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride	Benzene	Ethylbenzene	Xylenes (Total)
GW Delineation Standard		0.10	0.01	0.01	0.20	0.10	0.007	0.07	0.005	0.002	0.005	0.7	10
GW Cleanup Standard		0.10	0.01	153	2.04	2.04	0.58	0.204	0.038	0.0033	0.0088	0.70	10
TW-11	3/20/2014	1.740	1.490	0.250	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/20/2014 Dup	1.730	1.460	0.274	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-12	3/20/2014	0.011	< 0.01	0.011	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-13	3/21/2014	0.060	0.056	< 0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-14	3/21/2014	0.587	0.580	< 0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-15	3/22/2014	< 0.01	< 0.01	< 0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-16	6/2/2014	0.018	< 0.01	0.018	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-17	3/22/2014	0.116	0.102	0.014	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-18	3/23/2014	0.107	0.098	< 0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-20	3/23/2014	0.199	0.185	0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-22	3/21/2014	0.019	0.017	< 0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-23	3/24/2014	< 0.01	< 0.01	< 0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-24	3/24/2014	0.021	0.013	< 0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-25	3/23/2014	0.086	0.075	0.011	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-26	3/25/2014	0.083	0.068 J	0.015 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-27	3/25/2014	0.168	0.147 J	0.022 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-28	3/25/2014	0.039	0.024	0.015	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-29	3/26/2014	< 0.01	< 0.01	< 0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-30	3/25/2014	0.064	0.047	0.017	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-31	6/4/2013	0.024	0.013	0.011	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-32	6/4/2013	< 0.01	< 0.01	< 0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-33	6/5/2014	< 0.01	< 0.01 UJ	< 0.01 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/5/2014 Dup	< 0.01	< 0.01 UJ	< 0.01 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-34	6/5/2014	< 0.01	< 0.01	< 0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-35	6/5/2014	< 0.01	< 0.01	< 0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-36	6/3/2014	0.041	0.028 J	0.012 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-37	6/3/2014	0.015	< 0.01	< 0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-38	6/4/2014	< 0.01	< 0.01	< 0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-39	6/4/2014	0.040	0.034 J	< 0.01 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-40	6/3/2014	< 0.01	< 0.01	< 0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-41	6/3/2014	0.049	0.037	0.012	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/3/2014 Dup	0.050	0.038	0.012	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-42	6/2/2014	< 0.01	< 0.01	< 0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA - Sample not analyzed for this parameter.

J - Result qualified as estimated by the laboratory or as the result of data verification.

Dup - Duplicate sample

mg/L - milligrams per liter

<sup>a</sup> MW-11 sample from 9/13/99 was highly turbid at time of sample collection; data not representative of groundwater conditions.

<sup>b</sup> MW-24 samples from 1/11/12 were highly turbid at time of sample collection. Concentrations of dissolved total chromium and dissolved hexavalent chromium were 0.122 mg/L and 0.115 mg/L, respectively.

<sup>c</sup> MW-24 samples from 10/2/12 were highly turbid at time of sample collection. Concentration of total dissolved chromium in the parent and duplicate samples was 0.134 mg/L. The samples were not analyzed for

Purple Highlight - Indicates concentration is greater than delineation standard.

Orange Highlight - Indicates concentration is greater than delineation and cleanup standard.

**Table 4. Summary of Site Status Relative to Delineation and Cleanup Levels**  
**Former MacGregor Golf Company**  
**Albany, Georgia**

Delineation		Remediation	
Areas Requiring Additional Delineation	Proposed Plans to Complete Delineation	Areas Requiring Cleanup	Plans to Complete Remediation
<b>Soil</b>			
<ul style="list-style-type: none"> <li>• None</li> </ul>	<ul style="list-style-type: none"> <li>• None</li> </ul>	<ul style="list-style-type: none"> <li>• Former Waste Disposal Area: cis-1,2-DCE and VC exceed cleanup standards in B4 (5-10 ft bgs) and GP-1 (4-6 ft bgs).</li> </ul>	<ul style="list-style-type: none"> <li>• Focused risk assessment and groundwater concentration trend analysis will be used to demonstrate compliance with cleanup standards.</li> </ul>
<b>Groundwater</b>			
<ul style="list-style-type: none"> <li>• Vicinity of MW-19 (upper water bearing zone): Chromium (hexavalent and trivalent) has not been delineated to the south.</li> </ul>	<ul style="list-style-type: none"> <li>• Install and sample an additional monitoring well south of MW-19 on the Taylor Property</li> <li>• Additional steps, if any, to be determined based on data obtained.</li> </ul>	<ul style="list-style-type: none"> <li>• MW-4 (upper water bearing zone, in former waste disposal area): TCE, cis-1,2-DCE, and VC exceed cleanup standards.</li> <li>• Vicinities of MW-11 and MW-24 (upper water bearing zone, near northern property boundary): Total and/or hexavalent chromium exceed cleanup standards.</li> <li>• Vicinity of MW-19 (upper water bearing zone, near southern property boundary): Total and/or hexavalent chromium exceed cleanup standards.</li> </ul>	<ul style="list-style-type: none"> <li>• Empirical evidence and groundwater concentration trend analysis will be used to demonstrate compliance with cleanup standards in the MW-4 area.</li> <li>• Modeling to demonstrate compliance with cleanup standards at the designated point of exposure and point of demonstration well will be used in MW-11, MW-19, and MW-24 areas.</li> </ul>

**Table 5. Updated Project Milestone Schedule**  
**Former MacGregor Golf Company**  
**Albany, Georgia**

Task Name	Projected Completion Date	Completion Date	Year 1: July 2012 - July 2013				Year 2: July 2013 - July 2014				Year 3: July 2014 - July 2015				Year 4: July 2015 - July 2016				Year 5: July 2016 - July 2017				Year 6: July 2017 - July 2018	
			2012		2013		2014		2015		2016		2017		2018									
			Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
Enrollment in VRP	--	July 30, 2012																						
Preliminary Cost Estimate for Implementation of Remediation & Continuing Actions, and Financial Assurance Demonstration	Within 60 days of Enrollment <sup>a</sup>	March 13, 2013	X	X	X																			
Monthly Groundwater Level Measurements	Within 3 Months of Enrollment	November 6, 2012	X	X																				
Horizontal Delineation of Site COCs (on accessible property)	Within 6 Months of Enrollment	November 29, 2012	X	X																				
Semiannual Progress Report with Updated CSM	Within 6 Months of Enrollment	January 30, 2013		X																				
Semiannual Progress Report with Updated CSM	Within 12 Months of Enrollment	July 30, 2013				X																		
Vertical Delineation of Site COCs	Within 12 Months of Enrollment	May 31, 2013			X	X																		
Semiannual Progress Report with Updated CSM	Within 18 Months of Enrollment	January 30, 2014					X																	
Horizontal Delineation of Site COCs (on property previously inaccessible)	Within 24 Months of Enrollment				X	X		X	X	X														
Semiannual Progress Report with Updated CSM	Within 24 Months of Enrollment	July 30, 2014							X															
Semiannual Progress Report with Final Remediation Plan, Updated CSM, and Final Cost Estimate for Remediation and/or Continuing Actions	Within 30 Months of Enrollment	January 30, 2015								X														
Active remediation, if necessary	Within 36 Months of Enrollment																							
Semiannual Progress Report with Updated CSM	Within 36 Months of Enrollment												X											
Semiannual Progress Report with Updated CSM	Within 42 Months of Enrollment													X										
Compliance Status Report under the VRP with Certifications	Within 48 Months of Enrollment														X	X								
Model Validation Monitoring	Within 90 Months of Enrollment															X							X	

<sup>a</sup> Due date indicated on VRP Application.

*On-site Horizontal Delineation*

*Off-site Horizontal Delineation*

*Vertical Delineation, Final Remediation Plan, and Final Cost Estimate*

*CSR Submittal to VRP with Certifications*

<sup>a</sup> Due date for this task was extended per EPD's approval.

"X" Indicates task accomplished.

**Table 6. Summary of Hours Invoiced by Professional Engineer This Period**  
**Former MacGregor Golf Company**  
**Albany, Georgia**

Registered PE	Month	Hours Invoiced	Description of Services
Trish Reifenberger, P.E. Georgia PE No. 20676	January 2015 (since 1/15/15)	10.50	* Reviewed monthly status update and participated in monthly project status call * Reviewed January 2015 Semiannual Progress Report and Final Remediation Plan
	February 2015	0.00	* Project inactive while waiting on EPD's approval of Final Remediation Plan
	March 2015	0.50	* Reviewed monthly status updates
	April 2015	2.00	* Reviewed monthly status update and participated in monthly project status call * Reviewed access agreement
	May 2015	0.00	* Project inactive while waiting on access agreement
	June 2015	0.50	* Reviewed monthly status update and participated in monthly project status call * Project inactive while waiting on access agreement
	July 2015 (as of 7/27/15)	2.00	* Reviewed monthly status update * Reviewed July 2015 Semiannual Progress Report
<b>Total Hours Invoiced this Period</b>		<b>15.50</b>	