VOLUNTARY REMEDIATION PROGRAM APPLICATION

32.91-ACRE CSX PARCEL
HUTCHINSON ISLAND
SAVANNAH, CHATHAM COUNTY, GEORGIA
HSI SITE NO. 10101

Submitted to:

Georgia Department of Natural Resources
Hazardous Site Response and Remediation Program
Suite 1462, East Tower
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Prepared for:

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Prepared by:

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June 7, 2012

CSX-RPI Project No. 9415575
AMEC Project No. 6-4300-5238

June 7, 2012

Mr. David Brownlee
Program Manager
Georgia Department of Natural Resources
Hazardous Sites Response Program
Suite 1462, East Tower
2 Martin Luther King Jr. Drive SE
Atlanta, Georgia 30334

Subject: **Voluntary Remediation Program Application**
32.91-Acre CSX Parcel
Hutchinson Island
Savannah, Chatham County, Georgia
HSI Site No. 10101

Dear Mr. Brownlee:

On behalf of CSX Real Property, Inc. (CSX-RPI), AMEC Environment & Infrastructure, Inc. (AMEC) respectfully submits the attached Voluntary Investigation and Remediation Plan (VIRP), completed Voluntary Remediation Program (VRP) Application, and $5,000.00 application fee to enroll the subject site in the Georgia Voluntary Remediation Program. Concurrent with this submittal, CSX-RPI will terminate all current Hazardous Site Response Act (HSRA) activities until notified regarding EPD's evaluation of this application and acceptance into the VRP.

Please contact Pat Harrison at 678-658-1374 or Chuck Ferry at 404-873-4761 with any questions you may have regarding this submittal. Please send all official correspondence to Samuel Ross, CSX Real Property, Inc., 6737 Southpoint Drive South, Jacksonville, Florida 32202, with a copy to AMEC in Atlanta, Georgia. Thank you for your assistance with this project.

Sincerely,

AMEC Environment & Infrastructure, Inc.

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Senior Geologist

For with permission
Justin J. Johnson
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Charles T. Ferry, P.E.
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cc: Mr. Samuel Ross, P.E. CSX Real Property, Inc.
Mr. Pat Harrison, AMEC Environment & Infrastructure, Inc.

Attachment

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1.0 INTRODUCTION

The Georgia Environmental Protection Division (EPD) has set certain criteria for a property and a responsible party to apply for the Voluntary Remediation Program (VRP). CSX Real Property, Inc. (CSX-RPI) wishes to enter the Hutchinson Island, Georgia property into the VRP. The Subject Property ("site") is comprised of a 32.91-acre parcel located on Hutchinson Island in Savannah, Georgia (see Figure 1). The site is owned by CSX-RPI and occupies Chatham County Tax Parcel 1-0436-01-017 and currently consists of a vacant land (see Figure 2). The site meets the criteria of a "qualifying property" as defined by the Georgia Voluntary Remediation Program Act (VRPA). The property was previously occupied by a bulk petroleum and chemical storage facility between approximately 1920 and 1992. CSX-RPI has engaged in significant soil and groundwater remediation at the site to address soils impacted with petroleum constituents and metals as described in previous submittals to EPD and has successfully completed implementation of the EPD-approved Modified Corrective Action Plan (MCAP) for impacted soils on site. The site is currently undergoing groundwater remediation which began in 2008. The primary constituent of concern (COC) in groundwater is ammonia, although low levels of benzene, naphthalene, arsenic and lead are present in very limited areas as well.

The site was previously developed with a bulk chemical storage facility that included 24 above ground storage tanks (ASTs) ranging in volume from 84,000 to 2.3 million gallons. Site improvements were demolished in the 1990s and the site has remained vacant and undeveloped since that time.

A number of previous environmental assessments have been conducted at the subject site by AMEC, Applied Engineering and Science, Inc. (AES), Blasland, Blouck and Lee (BBL), Wapora, Westinghouse and Kemron between 1988 and 2011. Based on the findings of the early assessments, a release notification was submitted to the Hazardous Site Response Program documenting soil and groundwater conditions on site and the site was listed on the Hazardous Site Inventory (HSI) in July 1995 (HSI Site No. 10101). An adjacent parcel (Parcel No. 2-0436-01-026) owned by the Savannah Economic Development Authority (SEDA) has also been impacted and was sub-listed as part of the HSI site in July 1997.

2.0 BACKGROUND

According to the Chatham County Assessor's Office, the site occupies Chatham County Parcel Number 1-0436-01-017. Due to the age of the property and its transaction history, no legal description of the property currently exists. A legal description will be prepared for submittal to EPD at a later date. A tax parcel map is included as Figure 2 and right-of-way and track map is included in Appendix A.

2.1 SITE DESCRIPTION

The site is a former bulk petroleum/chemical storage facility located on the southern side of Hutchinson Island, directly across the Savannah River from downtown Savannah, Georgia. The site is located south of Hutchinson Island Road, which runs east-west through the center of the island. Hutchinson Island is accessed from the Talmadge Bridge and U.S. Highway 17 North. The site is abutted on the north and west sides by a 45-acre property owned by the SEDA. Hutchinson Island Ventures, LLC and Low Country Land, LLC own parcels along the eastern property boundary. Properties along the southern boundary include the Georgia Department of Transportation, and Savannah Marine Services. The Savannah River also borders the site on its southeast corner. Spartan Hutchinson Island Investments, LLC owns a parcel adjacent to the west. A paved entrance road from Hutchinson Island Road crosses the SEDA parcel and enters the site. Fences separate the site from the adjacent properties. The site is relatively flat with vegetation consisting mostly of tall grasses and scrub brush.

2.2 SITE HISTORY

As described in the January 2003 Revised Compliance Status Report (CSR) (BBL 2003a), Hutchinson Island was used for deposition of dredge spoils from the widening and deepening of the Savannah River from the mid-1800s until approximately 1982. From 1920 to 1992, CSX or its predecessors leased the property to companies that operated bulk storage facilities. The property was leased to Gulf Refining Company from 1920 to 1973. Gulf Refining Company used the property as a bulk petroleum storage and transfer facility. In 1973, Charter International Oil Company (Charter) assumed the lease and continued to use the property as a bulk petroleum storage facility. While Charter operated at the site, it also stored other chemicals at the site, primarily liquid fertilizer. Charter's lease ended in 1982, when Powell Duffryn Terminals, Inc. began operating the facility. Powell Duffryn continued to store petroleum products in smaller quantities, but primarily operated the facility as bulk storage for chemicals. Materials stored by Powell Duffryn reportedly included pulping liquors, sulfuric acid, caustic soda, zeolite slurry,

alum, latex and fatty acid. When the lease to Powell Duffryn ended in 1992, all tanks, buildings, rails and other aboveground facilities were removed. At its peak, the site's storage capacity included 24 circular ASTs ranging in size from 84,000 gallons to 2.3 million gallons. Six additional tanks, located on the southeastern corner of the property, were installed during Powell Duffryn's operation of the facility. Reportedly, there were also five rectangular storage tanks located at the property. However, their location on the property has not been documented.

2.3 SUMMARY OF PAST RELEASES

- Releases that occurred during the operating history of the former bulk storage facility include:
- Disposal of tank bottoms to a settling pit located at the northern end of the property;
- Deposition of tank bottoms on the ground surface adjacent to the tanks across the property;
- A reported release of approximately 1 to 2 tons of liquid fertilizer near the northeast side of the tank farm that occurred sometime between 1972 and 1982; and
- Historical deposition of dredge spoils beginning in the mid 1800s (BBL 2003a).

The source of elevated metals concentrations in soil and groundwater at the site has not been attributed to any specific release. The most likely sources for metals at the site are the deposition of dredge spoils containing elevated metals concentrations and possible releases from nearby lumber treating operations at Caribbean Lumber Company. Specific details regarding these releases as well as descriptions of past investigations were documented in the January 2003 Revised CSR (BBL 2003a) and subsequent Notice of Deficiency (NOD) Response Letters (BBL 2004a, BBL 2005a).

3.0 SUMMARY OF PREVIOUS INVESTIGATIONS AND CORRECTIVE ACTIONS

Since being listed on the HSI, the site has undergone extensive investigation and remediation.

3.1 SUMMARY OF PAST INVESTIGATIONS

Several investigations were conducted at the site between 1988 and 1994, prior to inclusion of the site on the HSI. The Hazardous Site Response Act (HSRA) was enacted by the EPD in 1994, and the site was placed on the HSI in 1995. The HSI listing was amended with the sub-listing of SEDA Parcel B in July 1997. Orders were issued under HSRA to CSX Transportation, Inc., the site owner, and two prior operators on the site, Chevron (as successor to Gulf) and Powell Duffryn Terminals, Inc. Site investigations were performed in 1997, 2002, and 2004 to support preparation of a CSR. Details on these investigations are found in the January 2003 Revised CSR (BBL 2003a) and subsequent NOD Response Letters (BBL 2004a, BBL 2005a).

In May 2006, CSX-RPI implemented a soil sampling program to evaluate the nature and extent of lead, arsenic, and petroleum source material (PSM) impacts at the site. The soil sampling program included the advancement of 145 soil borings at the site using direct push technology. Ninety of the borings were installed to assess the extent of lead in soil and 55 were installed to assess the extent of PSM. An additional four borings were installed using a hand auger to assess arsenic concentrations in soil around PDMW-31R. AMEC used an X-Ray Fluorescence (XRF) analyzer to screen the soil samples for the presence of lead and arsenic. AMEC also visually screened for evidence characteristics of PSM in the soil samples, including the presence of viscous, thick, weathered free-product. The results of the soil sampling program identified areas of PSM and metals impacts that would need to be addressed as part of the soil corrective action. The results of this soil investigation are summarized in the revised CSR submitted to the EPD on March 3, 2008 (AMEC 2008).

In April 2007, CSX-RPI conducted an additional site-wide investigation to assess the nature and extent of PSM impacted soil at the site. The investigation included the advancement of 260 soil borings on a 50 ft by 50 ft grid in areas of the site where excavation activities had not been previously performed. The presence or absence of PSM was determined based on visual and olfactory screening. The results of the site-wide investigation identified additional areas of PSM impacts that would need to be addressed as part of the soil corrective action. The results of this soil investigation are summarized in the revised CSR submitted to the EPD on March 3, 2008 (AMEC, 2008).

In March 2009, CSX-RPI performed a subsurface investigation in the vicinity of monitoring well TMW-1 to evaluate for the presence of ammonia in the silt/clay unit underlying the shallow saturated sand unit. The subsurface investigation included the advancement of four soil borings to 30 feet (ft) below the ground surface (bgs). Grab samples of saturated soil were collected at 3-foot intervals for the entire length of each boring. Analytical results suggested that ammonia is present in the silt/clay unit underlying the shallow saturated sand unit. Ammonia concentrations in samples collected from the unsaturated zone of the surficial sand unit did not exceed applicable criteria. The results of this subsurface soil investigation are summarized in the 2009 Annual Groundwater Corrective Action Progress Report (AMEC 2010).

In January 2010, CSX-RPI performed a subsurface soil data gaps investigation that included an initial cone penetrometer (CPT) drilling program, followed by a direct-push drilling and soil sampling investigation. The purpose of this investigation was to evaluate the nature and extent of ammonia impacts within the saturated clay unit underlying the shallow sand unit. The results of the data gaps investigation indicated that ammonia is present in the deeper silt/clay layer and is potentially a continuing source of groundwater impacts at the site. Ammonia concentrations in samples collected from the unsaturated zone of the surficial sand unit did not exceed applicable criteria. A description of the data gaps investigation is provided as an appendix to the 2010 Annual Groundwater Corrective Action Progress Report (AMEC 2011).

3.2 SUMMARY OF SOIL CORRECTIVE ACTIONS

A number of interim corrective actions were completed to address localized areas of the site where soil did not meet the applicable risk reduction standards (RRSs). These interim measures are briefly described in chronological order below. Figure 4 illustrates the locations of soil corrective actions performed at the site prior to implementing Modified Corrective Action Plan (MCAP). A list of soil removal actions completed at the site is provided as follows:

- In November 1999, AES excavated approximately 92.5 tons of petroleum-impacted soil from the area of PDMW-11P (AES 2000a).

- In November 1999, AES excavated and disposed of approximately 9.6 tons of petroleum-impacted soil from the area of PDMW-10T (AES 2000a).

- In November 1999, AES excavated approximately 11 tons of arsenic-impacted soil from the area of PDMW-31P (AES 2000a).

- In September 2001, AES excavated and disposed of approximately 26 cubic yards (yd^3) of benzene-impacted soil (AES 2000a).

- In May 2004, BBL excavated approximately 447 tons of petroleum-impacted soil from the area of PDMW-14T (BBL 2004a).

- In July 2005, AMEC removed approximately 5,800 linear feet (LF) of underground steel piping and 2,200 tons of PSM from the site.

- In the fall of 2006, CSX-RPI contracted with AMEC and Environmental Remediation Services (ERS) to implement the soil corrective actions required by the EPD-approved MCAP. Between November 2006 and August 2007 over 2,220 tons of metals-impacted soil and debris, 48,325 tons of PSM, and 2,200 LF of abandoned piping was removed from the site. Given the completeness of the May 2006 and April 2007 investigations, the extensive corrective action programs performed in the summer of 2005 and the Winter/Spring/Summer of 2006/07, and the confirmation sampling results presented in the CSR, metals-impacted soil and PSM from all identified areas have been removed from the site to the extent practicable. One exception was that PSM in a 5-foot radius around four utility poles located in PSM Areas 3 and 6 was left in place to provide structural support to the poles. It is estimated that between 20 and 40 tons of PSM remain in the vicinity of the poles.

- Combined with the PSM removal effort in 2005, over 56,000 tons of PSM have been removed from the site and replaced with clean backfill. Over 8,000 LF of piping have been removed from the site, including the 5,800 LF of piping removed in the summer of 2005 and 2,200 LF during 2006/2007. Removal of this piping has eliminated the free product found in the pipes from the site and has eliminated these potential conduits for groundwater and regulated substance migration.

3.3 SUMMARY OF GROUNDWATER CORRECTIVE ACTION

The EPD-approved MCAP for the site included the installation of a groundwater extraction system that discharges to the publicly owned treatment works (POTW) operated by the City of Savannah. AMEC completed the extraction system design in March 2007, the system was installed in winter 2007/08 and operation commenced in March 2008.

In accordance with the MCAP, quarterly groundwater monitoring of the wells located on site was conducted during the first year of extraction system operation, with semi-annual sampling thereafter in accordance with EPD-approved modifications to the monitoring plan. A total of 44 monitoring wells are located at the site. The primary COC included in the monitoring plan is ammonia, which is tested in most wells on a semi-annual basis. The monitoring program also includes polynuclear aromatic hydrocarbons (PAHs), benzene, toluene ethylbenzene and xylenes (BTEX), lead and arsenic which are tested in selected wells on an annual or semi-annual basis, depending on the constituent or location. Groundwater monitoring results are reported to EPD on a semi-annual basis, and remediation system performance, groundwater data interpretation, and overall corrective action progress is presented to EPD in Annual Groundwater Corrective Action Progress Reports. A cumulative summary of semi-annual groundwater testing results since groundwater remediation began is presented in Table 3. Results of the June 2011 monitoring event are illustrated on Figure 5 which depicts the current distribution of the ammonia impacts and the interpreted extent of the plume.

4.0 REGULATED SUBSTANCES AND DELINEATION CONCENTRATION CRITERIA

Results of environmental assessment activities document that a release of regulated substances to soil and groundwater has occurred at the site. The constituents detected and the media they were detected in are listed below:

Constituent	Soil Impact	Groundwater Impact
Acenaphthene	X	X
Acenaphthylene	X	X
Ammonia	X	X
Anthracene	X	X
Arsenic	X	X
Benzene	X	X
Benzo(a)anthracene	X	
Benzo)a)pyrene	X	
Benzo(b)fluoranthene	X	
Benzo(k)fluoranthene	X	
Beryllium	X	
Cadmium	X	
Chromium	X	X
Chrysene	X	
Dibenzo(a,h)anthracene	X	
Ethylbenzene		X
Fluoranthene	X	X
Fluorene	X	X
Indeno(1,2,3-cd)pyrene	X	
Lead	X	X
Mercury	X	
Naphthalene		X
Nickel		X
Phenanthrene	X	X
Pyrene	X	X
Toluene	X	X
Xylenes	X	X
Zinc	X	X

As described in Section 3.2, significant soil remediation activities have been conducted on site to address petroleum, lead and arsenic impacts on site. These remediation activities included the excavation and off-site disposal of approximately 56,000 tons of impacted soil and 8,000 feet of piping between 2004 and 2007 as described in the Revised (CSR) - Post Soil Corrective Action Report, prepared by AMEC and submitted to EPD on February 28, 2008. The revised CSR recommended no further action for soil. EPD acknowledged completion of the soil corrective action in its letter dated April 3, 2008.

The selected groundwater delineation concentration criteria allowable under the VRP are shown on Table 1. The higher of the Type 3 or Type 4 (RRS) under HSRA will be used as the delineation concentration criteria.

5.0 CURRENT CONDITIONS

This section presents a brief summary of the current status of the impacts to media at the site.

5.1 SUMMARY OF ANALYTICAL RESULTS

The analytical results from recent investigations of soil, groundwater, and surface water are summarized below.

5.1.1 Soil

As detailed in previous submissions to EPD and summarized in Sections 3.1 and 3.2, on-site PSM and metals-impacted soils have been adequately investigated and remediated to applicable RRS. The potential for ammonia impacts in the unsaturated zone of the upper sand unit has been addressed by a number of soil investigations performed between 1997 and 2010. Soil investigations conducted between 1997 and 2002 identified two areas where ammonia concentrations in the unsaturated zone exceeded the applicable RRS (i.e., soil borings PDB-129 and Petro-DA). Impacted soil was removed from these areas as part of remediation activities performed between 2001 and 2003. Soil investigations and remediation activities completed between 1997 and 2003 are summarized in the January 2003 Revised CSR (BBL 2003a) and subsequent NOD Response Letters (BBL 2004a, BBL 2005a).

In March 2009, four soil test borings were completed in the area around monitoring well TMW-1, primarily to investigate the presence of ammonia in deeper soils. This area was selected as TMW-1 had consistently exhibited the highest historic ammonia concentrations in groundwater. Four soil samples were tested from depths of 0-3 feet bgs. Ammonia concentrations of 30, 2, 40 and 350 mg/kg were detected in the shallowest samples from borings SB-1, SB-2, SB-3 and SB-4, respectively. Only one of these exceeded the RRS of 238 mg/kg and that result is likely due to groundwater influence based on the proximity of the water table to the sample depth. The results of the 2009 subsurface soil investigation are summarized in the 2009 Annual Groundwater Corrective Action Progress Report (AMEC 2010).

In January 2010, a site-wide subsurface soil investigation was performed to evaluate the nature and extent of ammonia impacts within the saturated clay unit underlying the shallow sand unit. The soil investigation included the completion of 19 soil borings to an approximate depth of 40 ft bgs. Shallow soil samples were collected from each of the 19 soil borings and analyzed for ammonia. Analytical results indicate that ammonia concentrations were below the applicable RRS in 18 of the 19 shallow soil

samples. Ammonia was detected at 530 mg/kg in sample CPT-03A collected between 1-3 ft bgs, which exceeds the RRS of 370 mg/kg. However, the soil boring log for CPT-03A indicates that the water-table was encountered at 17 inches bgs, which suggests that a portion of the shallow soil sample was collected from the saturated zone of the surficial sand unit and, therefore, is not representative of the soil condition. The results of the 2010 subsurface investigation can be found in the 2010 Annual Groundwater Corrective Action Progress Report (AMEC 2011).

Based on the results of previous investigations and corrective actions performed at the site, it appears that the extent of ammonia impacts within the unsaturated zone of the upper sand unit was limited in extent and has been adequately remediated to the applicable RRS.

5.1.2 Shallow Groundwater

The results of the June 2011 groundwater sampling event are shown on Table 3 and Figure 5 which depicts the current distribution of ammonia impacts and the interpreted extent of the plume. The analytical data and the ammonia plume figure indicate that the on-site extent of the ammonia plume has been delineated to the south. Monitoring data indicate that the plume extends off site to the west, north and east. Groundwater recovery operations have locally influenced the configuration of the plume, reducing the concentration and drawing the plume to the northern portion of the site where most of the recovery wells are located. In addition, during the course of the groundwater remediation, the ammonia plume has shown a generally decreasing trend in both areal extent and concentrations relative to maximum historical values.

Based on the plume configuration and interpreted pre-pumping groundwater flow direction, the bulk of the ammonia plume will likely migrate to the north toward the nearby drainage canal. Although low levels of ammonia have been detected in the southern portion of the site which appear to be migrating to the south toward the Savannah River, the concentrations in this portion of the site are well below applicable RRS and are not deemed to represent a threat to human health or the environment.

5.1.3 Deep Zone Groundwater

Monitoring well PDMW-29D was completed at a depth of approximately 42 feet below the water table. Monitoring well PDMW-40R was completed approximately 15 feet below the water table. Both of these wells are screened within the underlying clay layer. We note that this clay layer acts as a confining layer between the shallow sand layer and the deeper sand unit. The most recent monitoring event occurred in

June 2011 and indicated that ammonia was detected in PDMW-29D and PDMW-40R at concentrations of 7.5 and 56 milligrams per liter (mg/L), respectively. Based on the high clay content of this unit and the resulting low hydraulic conductivity, the clay layer is not interpreted to offer a significant conduit for migration of ammonia-impacted groundwater as compared to the surficial sand unit.

5.1.4 Surface Water

The subject site is located on Hutchinson Island, which is located within the Savannah River. The site is located just north of the southern channel of the river. The northern channel of the river is located approximately 3,000 feet north of the site. A small drainage canal is located approximately 200 feet north of the site. This canal connects to the southern channel of the river and is subject to significant tidal fluctuations, as is the river in this area. At low tide, the canal is essentially dry. Low concentrations of ammonia have been detected in surface water samples collected from the canal north of the site during previous surface water sampling events conducted by BBL between 1997 and 2004 (see Table 4). Other COCs included in the previous surface water testing program include PAHs, BTEX and metals. Out of a total of 39 surface water samples tested over a seven year period, no PAHs were detected in the surface water samples. Ethylbenzene, toluene and xylenes were detected at very low concentrations in one sample collected in 2002 and were below detection limits in all other events. Lead was detected in three samples and zinc was detected in 24 samples. We note that lead and zinc results appear to have been influenced by suspended sediment as dissolved metals testing, performed on approximately half of the samples, typically exhibited significantly lower metals concentrations.

6.0 CONCEPTUAL SITE MODEL

A Conceptual Site Model (CSM) has been developed using the data obtained during previous investigative activities at the site, from the previous reports, and from reviews of published literature. It is intended that the CSM will be updated as new information is gathered for the site. The CSM illustrates the site's surface and subsurface setting, the known or suspected source(s) of regulated constituents, how those constituents might move within the environment, the potential human health and ecological receptors, and the complete and incomplete exposure pathways that exist for the site.

6.1 GEOLOGY

The subject property is located within the Coastal Plain Geologic Region. Numerous soil borings have been drilled on the site during the course of the various investigations and remedial activities. The on-site borings encountered soils typically consisting of a surficial layer of fine to medium sands that extends to a depth of 5-10 ft bgs. These surficial soils likely represent dredge spoils consisting primarily of fine to medium sand from the Savannah River that were deposited on Hutchinson Island beginning in the mid 1800s. In some areas, localized zones of coarse sand and fine gravel are present within the upper sand layer. A layer of gray to dark gray clay underlies the surficial sand layer throughout the site. Figures 8 and 9 depict cross sections of the subsurface conditions.

In the Coastal Plain Geologic Region, groundwater may occur under either unconfined (water table) or confined conditions. The uppermost aquifer unit on site consists primarily of fine to medium sands which generally extend to depths of 5-10 ft bgs. This sand unit overlies a thick clay rich confining layer located above a confined sand aquifer unit. Recharge to the water table aquifer occurs primarily through precipitation infiltrating the upper soils and percolating downward, under the influence of gravity, to the groundwater table. Typically, the water table is not a level surface, but a subdued reflection of the land surface. Depth to the water table is variable, being dependent on many factors which include: the amount of rainfall, the permeability of the soil and the amount of groundwater being pumped in the area. The depth to water across the site in wells that are not being pumped ranges between approximately 0 and 2 ft bgs.

6.2 GROUNDWATER FLOW

Groundwater potentiometric data and maps have been included in numerous previous reports submitted to EPD. Pre-pumping groundwater elevation data indicate the presence of a groundwater divide which

separates approximately the southern third of the site from the northern two thirds. Prior to the installation of the extraction system, groundwater elevation data collected from the monitoring well network indicated that the shallow groundwater flow direction was to the north and northeast towards the drainage canal. A potentiometric surface map from March 2006 showing shallow groundwater conditions prior to the installation of the system is provided as Figure 6. Figure 7 is a potentiometric surface map based on groundwater elevations collected in December 2011 and demonstrates that widespread drawdown induced by the pumping system is evident across the site.

Hydrostratigraphy at the site consists of a thin unconfined sand aquifer, underlain by a thick clay aquitard which effectively confines a deeper sand aquifer. The water table is typically 0 to 2 ft bgs and boring logs suggest the shallow unconfined aquifer thins significantly toward the northern portion of the site. The upper portion of the clay demonstrates some permeability, as evidenced by the recharge of monitoring wells screened below its contact with the sand. Permeability decreases rapidly with depth, and approximately 10 ft below the sand, the clay is considered a tight confining unit. The deeper sand unit is confined with static water levels rising to approximately 10 ft bgs.

Hydraulic conductivities previously measured via slug testing and aquifer testing range from approximately 25 ft/day in the surficial sand layer to approximately 3 ft/day in the upper portion of the underlying clay, to approximately 0.3 ft/day in the deeper portion of the clay layer. Using a gradient of 0.0022 ft/ft and assuming an effective porosity of 0.25, groundwater flow velocities have been estimated to range from approximately 1 ft/year in the clay to 230 ft/year in the sand.

6.3 POTENTIAL RECEPTORS AND EXPOSURE PATHWAYS

The information presented in this section is summarized from previous reports.

6.3.1 Water Usage

Potable water is not currently supplied to the site as the site is undeveloped and unoccupied. The surrounding area is supplied with water by the Chatham County municipal water system which withdraws water from the principal artesian aquifer, a deep, confined aquifer which underlies the region. The nearest drinking water well is located over one mile from the site. Nearby industrial wells screened in the principal artesian aquifer are typically on the order of 600 feet deep. The principal artesian aquifer is well separated from groundwater impacts observed at the site by several clay confining layers located between

the surficial sand unit and the principal artesian aquifer. Due to the depth of the aquifer unit, the presence of significant confining layers, the distance to the nearest drinking water well and the presence of lateral barriers to groundwater flow, the potential for groundwater from the subject site to impact drinking water supplies is negligible. Therefore, the potential groundwater to drinking water well exposure pathway is currently incomplete.

6.3.2 Environmental Receptors

The site is immediately surrounded by the Savannah River to the south, industrial and commercial property to the east and north and largely undeveloped property to the west. There are no residentially developed areas located on Hutchinson Island. The nearest residential area is located across the Savannah River in downtown Savannah, approximately 2,000 feet south of the site. This residential area is separated from the plume by the Savannah River which is expected to act as a groundwater discharge area and a barrier to migration, thereby limiting the migration of impacted groundwater. Because the site is located in an industrial developed area and because the plume is not expected to migrate beneath residentially developed areas, potential human health exposures on the site are limited to industrial workers.

The canal north of the site and the Savannah River to the south offer potential habitat for ecological receptors. However, an ecological habitat reconnaissance has not been performed to evaluate whether the surface water bodies are supportive of aquatic receptors.

6.3.3 Environmental Exposure Pathways

Potentially complete exposure pathways for the site include:

- Ingestion of surface soil;
- Inhalation of fugitive dust or volatiles from surface soil;
- Ingestion of groundwater (if used for potable water);
- Inhalation of volatiles from groundwater during showering (if used as potable water); and
- Inhalation of volatiles from the subsurface through indoor air vapor intrusion.

Inhalation of vapors is not currently thought to present unacceptable exposure due to the undeveloped nature of the site. There are no drinking water withdrawal points for surface water or groundwater, thus

ingestion exposure pathways are currently incomplete. Additionally, there is currently no contact with impacted soil or groundwater, and these exposure pathways can be controlled through the use of Uniform Environmental Covenants (UEC), if necessary. Groundwater is believed to discharge to surface water features. Recent monitoring indicates low concentrations of COCs in surface water within the canal. Surface water samples from the Savannah River have not been tested as the bulk of the plume has been shown to migrate away from the river and the large volume of water in the river, coupled with the very low ammonia concentrations in the southern portion of the site would prevent the accumulation of significant concentrations of ammonia in the river. The nearby canal and Savannah River will be designated as the points of exposure (POE) for groundwater at the site.

Although ammonia has been detected in the clay layer underlying the shallow sand layer, the significantly higher hydraulic conductivity for the sand indicates flow of impacted groundwater occurs primarily within the upper sand unit. Preliminary groundwater modeling indicates that the bulk of the ammonia impacted groundwater will discharge to the canal. At present, the previously established surface water monitoring points located in the canal near the northeast and northwest corners of the site will be designated as a Points of Demonstration (POD) to demonstrate protection of human health and the environment. The model will be refined to include surface water flow data, groundwater discharge rates and dilution rates, coupled with surface water monitoring to confirm that applicable surface water quality will not be adversely impacted.

6.4 ENVIRONMENTAL CLEANUP STANDARDS

The information presented in this section is summarized from previous reports.

6.4.1 Soil Criteria

The remediation of ammonia, metals, and petroleum constituents in soil has been completed. Further assessment or remediation activities with respect to these COCs are not proposed herein.

6.4.2 Groundwater Criteria

The groundwater recovery and treatment system is currently operated to control COC migration in groundwater. It is CSX-RPI's intent to model the fate and transport of the groundwater COCs and evaluate the potential for exposure at an actual POE per requirements of the VRP, and thus develop a site-specific Type 4 RRS that is protective of human health and the environment.

Other COCs that have been detected in groundwater at concentrations above RRS (Table 1) include lead, arsenic, benzene and naphthalene. Types 3 and 4 RRS were previously calculated for this site. Because the property usage will be restricted to non-residential, the higher of the Type 3 or 4 RRS applies and are summarized in Table 1.

Nevertheless, an environmental covenant will be enacted to restrict the use of groundwater wells on the qualifying properties. Based on the groundwater samples obtained from TMW-1, the site does not comply with groundwater RRS for ammonia, benzene, naphthalene, arsenic and lead. We note, however, that lead and arsenic concentrations are likely indicative of Hutchinson Island background conditions related to historic dredging operations. Although groundwater conditions are not currently in compliance with applicable RRS, the risk to human health and the environment posed by the groundwater on site is believed to be negligible.

Previous groundwater testing results as well as preliminary groundwater fate and transport modeling results (Appendix B) indicate that migration of groundwater will primarily be limited to the northern portion of the site and the area between the site and the drainage canal.

6.4.3 Surface Water Criteria

Fate and transport modeling will also be used to evaluate the impact on nearby surface water bodies. Periodic surface water monitoring was conducted between 1997 and 2004. Constituents detected in the canal have included ammonia, zinc, lead, ethylbenzene, toluene and xylenes. However, only ammonia and zinc have been detected with any degree of regularity. Georgia has not established an In-stream Water Quality Standard (ISWQS) for ammonia. A federal surface water standard can be calculated but requires physical and ecological inputs that have not been established for the site at this time. Zinc has exceeded the ISWQS on several occasions in the past. We note, however, that dissolved metals testing conducted during several of the previous surface water monitoring events indicated that in each instance when zinc exceeded the ISWQS, the dissolved metals test result did not. Surface water within the canal is believed to consist primarily of water from the Savannah River which enters the canal during periods of high tide. The river contains significant amounts of suspended sediment which appear to be adversely influencing the metals tests, resulting in false positives. EPD has not required the monitoring of zinc in groundwater on site and zinc is not proposed for inclusion in future surface water monitoring events.

AMEC conducted a preliminary fate and transport modeling of the ammonia plume to begin to assess the potential impact to both the drainage canal and the Savannah River. For the preliminary model runs, an average value for hydraulic conductivity of 14.2 ft/day, as determined by previous slug and aquifer testing was utilized. The potentiometric map dated June 2007 which was created prior to groundwater pumping, indicated a hydrologic divide present around MW-203 that transects east-west. North of MW-203 groundwater flows to the north toward the canal and south of MW-203 groundwater flows to the south toward the river. Pre-pumping groundwater contours were used to estimate hydraulic gradients in both the northerly direction toward the drainage canal (0.0022 ft/ft) and in the southerly direction toward the Savannah River (0.0006 ft/ft).

The source of the plume in the northern portion of the site was assumed to be located around TMW-1, which has historically exhibited the highest ammonia concentrations in groundwater. The source concentration of ammonia utilized for TMW-1 was 4,600 mg/L, as measured during the June 2011 groundwater monitoring event. Groundwater flow from this "northern plume" area is to the north, toward the drainage canal, which is located approximately 225 feet north or TMW-1. For purposes of the preliminary model, the canal was assumed to represent the northern terminus of the plume.

The source of the plume in the southern portion of the site was assumed to be located around MW-203, which is located near the groundwater divide. Groundwater flow from this area is to the south, toward the Savannah River, located approximately 200 feet away. The source concentration utilized for this "southern plume" was 1 mg/L, again based on 2011 data.

A 50-year model run time was selected to provide a long-term view of potential plume migration. The attached output sheets illustrate predicted ammonia concentrations at the point of discharge into the canal after periods of 5, 10, 20, 30 and 50 years. Note that these predicted concentrations are for groundwater just before it discharges to the canal or the river. They do not represent predicted surface water ammonia concentrations which will be significantly lower due to dilution effects in the surface water body. We note that, due to the significant tidal fluctuations observed within the canal, additional study will be required, including gauging of surface water flow rates coupled with groundwater monitoring along the upgradient boundary of the canal, to more accurately model and predict the effects that the impacted groundwater plume are likely to have on the surface water within the canal.

The model results indicate that plume migration to the Savannah River is generally inconsequential due to the low source concentration in this area of the site and the significant volume of water in the river.

7.0 CONCEPTUAL VOLUNTARY INVESTIGATION AND REMEDIATION PLAN

It is CSX-RPI's objective to remove the subject property from the HSI through implementation of a Voluntary Investigation and Remediation Plan (VIRP) that is protective of human health and the environment. This section outlines the proposed actions anticipated to satisfy the requirements set forth in the Georgia VRP Act.

Based on current site conditions, CSX-RPI proposes the following activities:

- Submit the VRP application, with $5,000 check to the Georgia Department of Natural Resources, by mid-June 2012.

- Temporarily terminate both semi-annual groundwater sampling (normally conducted mid-June of each year) and reporting, as well as annual groundwater sampling (normally conducted in December of each year) and reporting, pending additional subsurface investigations and fate and transport modeling (described below).

- Immediately terminate groundwater recovery and treatment (monitored discharge to the City of Savannah publicly owned treatment works) to allow groundwater to return to natural "steady state" conditions more consistent with modeling and eventually monitoring *in-situ* conditions.

- As described in the Revised CSR previously submitted to EPD in 2008, PSM and metals in soil have been adequately remediated and will not be addressed further during implementation of this VIRP.

- The horizontal extent of constituents in groundwater has been delineated on site, but the full extent of the plume has not yet been delineated. As described in Section 3.0, groundwater testing has identified ammonia in groundwater which is migrating northward toward the drainage canal. Additional wells are proposed to be installed on the adjacent SEDA parcel, in the proximity of the drainage canal to further delineate the lateral extent of the ammonia plume and to provide POD wells for use in modeling the migration of the ammonia toward the drainage canal.

- The scope of planned corrective action will continue to be developed. EPD will be informed through regular semi-annual progress reports regarding the progress of additional property

characterization efforts. A final remediation plan will be submitted during one of the regular updates, which may include adjacent properties.

- Within six months of the site's enrollment in the VRP, a revised groundwater fate and transport model will be submitted to include projected concentration trends for the POD well. The fate and transport model will be updated periodically and supplemented with surface water quality data, flow gauging data from the canal, estimates of groundwater input into the canal and surface water monitoring data to confirm model predictions. The intent is to demonstrate that no adverse effects to the surface water environment are likely to be encountered in the future.

- Upon completion of the above steps, CSX-RPI proposes to re-instate a modified semi-annual groundwater monitoring program, updated to include surface water and other appropriate monitoring points, to demonstrate the continued attenuation of ammonia and confirm surface water modeling results. Such a program may be continued for a period not to exceed three years. The intent is to demonstrate the continued attenuation of the ammonia plume and to confirm the groundwater and surface water modeling results.

- The monitoring program will be terminated by the end of the three year monitoring period based on the following criteria:

  - Stabilization or decrease in ammonia, naphthalene and benzene concentrations in TMW-1;

  - Ammonia, benzene and naphthalene concentrations in POD wells are consistent with values predicted by the groundwater fate and transport model;

  - Ammonia, benzene and naphthalene concentrations in the POD wells do not exceed values established through surface water modeling which would result in surface water impacts determined to be detrimental to human health or the environment; and

  - No exceedences of ISWQS for benzene are measured in surface water samples collected from the drainage canal.

- An environmental covenant will be established for all qualifying properties impacted by the ammonia plume.

8.0 CONTINUED MONITORING PLAN, SCHEDULE, AND COST

Continued operation of the groundwater extraction system and monitoring under the MCAP will be suspended upon submittal of this VRP Application. Upon acceptance of this VRP Application, CSX-RPI will precede with the planned investigation and remediation activities in place of the MACP requirements.

An environmental covenant (Georgia Uniform Environmental Covenants Act, OCGA § 44-16-1, et seq.) to restrict groundwater use at the site and to limit the property usage to non-residential will be recorded with the Chatham County Clerk of Courts after the additional assessment and remediation activities described herein are conducted to help define the property that will need to be subject to the covenant.

A semi-annual Progress Report along with an updated CSM will be submitted within six months of acceptance of the VRP Application by the EPD and will continue throughout the duration of this project, unless a reduced frequency is subsequently approved by EPD.

The following items comprise the proposed voluntary investigation and remediation activities and schedule:

- Conduct additional on-site investigation activities within six months of EPD approval of this VRP application;
- Conduct additional off-site investigation activities within one year of EPD approval of this VRP application;
- Conduct follow-up fate and transport modeling for appropriate regulated substances, beginning within six months of EPD approval of this VRP application;
- Submit a Progress Report for the first semiannual groundwater-sampling event and an updated CSM incorporating new analytical data within six months of EPD approval of this VRP application and every six months thereafter until EPD approves cessation of monitoring.

When the site data and model updates support the cessation of monitoring, a CSR will be submitted to EPD for review. The CSR will be prepared in accordance with the statute and applicable rules. At the time of submittal, it is anticipated that certification of compliance with applicable groundwater criteria will be made along with a request for delisting from the HSI.

Semi-annual sampling will be conducted to:

- Monitor ammonia, PAHs, BTEX, arsenic and lead concentrations in groundwater in the shallow aquifer and the surface water from the drainage canal;
- Confirm that potential receptors are not exposed to groundwater at concentrations that exceed the RRS;
- Confirm that COC concentrations do not exceed allowable concentrations at the POE.

Specifically, samples will be collected from the following locations:

- Selected existing monitoring wells that are included in the current monitoring well network and additional wells that are installed during upcoming assessment activities.
- Surface water sample locations SW-1 and SW-2.

Water level measurements will be collected in all site monitoring wells to evaluate groundwater flow direction. Semi-annual sampling will continue until the data demonstrate that human health and the environment are adequately protected and EPD concurs. For present costing purposes, it is assumed that this semi-annual monitoring program will be conducted for a period not to exceed three years.

The VRP Act itself does not specifically address long-term monitoring after the three-year VRP implementation period is complete and the final CSR is submitted. If the three-year monitoring period appears to support the modeling predictions, EPD could allow either cessation of monitoring or a decreased frequency of monitoring.

Upon EPD's acceptance of the site into the VRP, a Work Plan schedule will be prepared along with a projected milestone schedule that describes the planned activities and an estimate of the anticipated cost for their implementation and reporting. At that time, CSX-RPI will issue a financial assurance instrument to cover the cost to implement the Work Plan and the estimated cost of reasonably anticipated remedial action to implement the final remedy.

9.0 REFERENCES

- AMEC 2006. Modified Corrective Action Plan: HSI Site 10101, Hutchinson Island, Savannah Georgia, Revision 1. Prepared by AMEC Earth and Environmental, Inc. for EPD, March 2006.
- AMEC 2007. Groundwater Corrective Action Status Update Letter: HSI Site 10101, Hutchinson Island, Savannah Georgia. Prepared by AMEC Earth and Environmental, Inc. for EPD, August 2007.
- AMEC 2008. Compliance Status Report – Post-Soil Corrective Action: HSI Site 10101, Hutchinson Island, Savannah Georgia, Revision 1. Prepared by AMEC Earth and Environmental, Inc. for EPD, March 2008.
- AMEC 2010. Annual Groundwater Corrective Action Progress Report, Rev. 1, November 2010, HSI Site 10101. Prepared by AMEC Earth & Environmental, Inc. for EPD, November 2010.
- AMEC 2011. Annual Groundwater Corrective Action Progress Report, Rev. 0, March 2011, HSI Site 10101. Prepared by AMEC Earth & Environmental, Inc. for EPD, March 2011.
- AES 1998a. Compliance Status Report. Prepared by Applied Engineering & Science, Inc., for EPD, January 1998.
- AES 1998b. CSR Addendum #1. Prepared by Applied Engineering & Science, Inc., for EPD, December 1998.
- AES 2000a. CSR Addendum #2. Prepared by Applied Engineering & Science, Inc., for EPD, January 2000.
- AES 2001a. CSR Addendum #3. Prepared by Applied Engineering & Science, Inc., for EPD, April 2001.
- AES 2002a: Corrective Action Plan: HSI # 10101, Hutchinson Island, Georgia. Prepared by Applied Engineering & Science, Inc., for EPD, May 2002.
- BBL 2003a. Revised Compliance Status Report: Hutchinson Island, Savannah, Georgia. Prepared by Blasland, Bouck & Lee, Inc. for EPD, January 2003.
- BBL 2004a. Compliance Status Report Notice of Deficiency Response Letter, HSI Site #10101. Prepared by Blasland, Bouck & Lee, Inc. for EPD, August 26, 2004.
- BBL 2005a. Compliance Status Report Notice of Deficiency Response Letter: Hutchinson Island, Savannah, Georgia. Prepared by Blasland, Bouck & Lee, Inc., for EPD, February 2005.
- EPD 2008. Soil Remediation Report, CSX Parcel - Approval of Report, CSX Transportation, Powell Duffryn Site, HSI Site No. 10101. Letter to CSX-RPI dated April 3, 2008.

ATTACHMENT

VOLUNTARY REMEDIATION PROGRAM APPLICATION FORM AND CHECKLIST

Voluntary Investigation and Remediation Plan Application Form and Checklist

VRP APPLICANT INFORMATION					
COMPANY NAME	CSX Real Property, Inc.				
CONTACT PERSON/TITLE	Samuel Ross, P.E. / Manager Environmental Remediation				
ADDRESS	6737 Southpoint Drive South, Suite 100, Jacksonville, FL 32216				
PHONE	904-279-3923	**FAX**	904-245-4610	**E-MAIL**	Samuel_Ross@csx.com

GEORGIA CERTIFIED PROFESSIONAL GEOLOGIST OR PROFESSIONAL ENGINEER OVERSEEING CLEANUP					
NAME	Stephen R. Foley, P.G.			**GA PE/PG NUMBER**	1057
COMPANY	AMEC Environment & Infrastructure, Inc.				
ADDRESS	396 Plasters Ave, Atlanta, GA 30324				
PHONE	404-873-4761	**FAX**	404-817-0175	**E-MAIL**	steve.foley@amec.com

APPLICANT'S CERTIFICATION

In order to be considered a qualifying property for the VRP:

(1) The property must have a release of regulated substances into the environment;
(2) The property shall not be:
- (A) Listed on the federal National Priorities List pursuant to the federal Comprehensive Environmental Response, Compensation, and Liability Act, 42 U.S.C. Section 9601.
- (B) Currently undergoing response activities required by an order of the regional administrator of the federal Environmental Protection Agency; or
- (C) A facility required to have a permit under Code Section 12-8-66.

(3) Qualifying the property under this part would not violate the terms and conditions under which the division operates and administers remedial programs by delegation or similar authorization from the United States Environmental Protection Agency.
(4) Any lien filed under subsection (e) of Code Section 12-8-96 or subsection (b) of Code Section 12-13-12 against the property shall be satisfied or settled and released by the director pursuant to Code Section 12-8-94 or Code Section 12-13-6.

In order to be considered a participant under the VRP:
- (1) The participant must be the property owner of the voluntary remediation property or have express permission to enter another's property to perform corrective action.
- (2) The participant must not be in violation of any order, judgment, statute, rule, or regulation subject to the enforcement authority of the director.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision 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.

I also certify that this property is eligible for the Voluntary Remediation Program (VRP) as defined in Code Section 12-8-105 and I am eligible as a participant as defined in Code Section 12-8-106.

APPLICANT'S SIGNATURE	Samuel M. Ross		
APPLICANT'S NAME/TITLE (PRINT)	**Samuel Ross/Manager, Environmental**	**DATE**	**May 23, 2012**

QUALIFYING PROPERTY INFORMATION (For additional qualifyi roperties, please refer to the last page of application form)			
HAZARDOUS SITE INVENTORY INFORMATION (if applicable)			
HSI Number	10101	Date HSI Site listed	1/10/1997
HSI Facility Name	CSX Transportation – Powell Duffryn	NAICS CODE	
PROPERTY INFORMATION			
TAX PARCEL ID	1-0436-01-017	PROPERTY SIZE (ACRES)	32.91
PROPERTY ADDRESS	Hutchinson Island		
CITY	Savannah	COUNTY	Chatham
STATE	Georgia	ZIPCODE	31421
LATITUDE (decimal format)	32.0850	LONGITUDE (decimal format)	-81.0862
PROPERTY OWNER INFORMATION			
PROPERTY OWNER(S)	CSX Transportation, Inc.	PHONE #	904-279-3923
MAILING ADDRESS	500 Water Street		
CITY	Jacksonville	STATE/ZIPCODE	Florida 32202

ITEM #	DESCRIPTION OF REQUIREMENT	Location in VRP (i.e. pg., Table #, Figure #, etc.)	For EPD Comment Only (Leave Blank)
1.	**$5,000 APPLICATION FEE** IN THE FORM OF A CHECK PAYABLE TO THE GEORGIA DEPARTMENT OF NATURAL RESOURCES. (PLEASE LIST CHECK DATE AND CHECK NUMBER IN COLUMN TITLED "LOCATION IN VRP." PLEASE DO NOT INCLUDE A SCANNED COPY OF CHECK IN ELECTRONIC COPY OF APPLICATION.)	**Included with submittal**	
2.	**WARRANTY DEED(S)** FOR QUALIFYING PROPERTY.	**Appendix A**	
3.	**TAX PLAT** OR OTHER FIGURE INCLUDING QUALIFYING PROPERTY BOUNDARIES, ABUTTING PROPERTIES, AND TAX PARCEL IDENTIFICATION NUMBER(S).	**Appendix A**	
4.	**ONE (1) PAPER COPY AND TWO (2) COMPACT DISC (CD) COPIES** OF THE VOLUNTARY REMEDIATION PLAN IN A SEARCHABLE PORTABLE DOCUMENT FORMAT (PDF).	**Included with submittal**	
5.	The VRP participant's initial plan and application must include, using all reasonably available current information to the extent known at the time of application, a graphic three-dimensional preliminary conceptual site model (CSM) including a preliminary remediation plan with a table of delineation standards, brief supporting text, charts, and figures (no more than 10 pages, total) that illustrates the site's surface and subsurface setting, the known or suspected source(s) of contamination, how contamination might move within the environment, the potential human health and ecological receptors, and the complete or incomplete exposure pathways that may exist at the site; the preliminary CSM must be updated as the investigation and remediation progresses and an up-to-date CSM must be included in each semi-annual status report submitted to the director by the participant; a **PROJECTED MILESTONE SCHEDULE** for investigation and remediation of the site, and after enrollment as a participant, must update the schedule in each semi-annual status report to the director describing implementation of the plan	**Sections 3.0, 4.0, 5.0 and 6.0, Tables 1 through 4, Figures 3 through 9, and Appendices B and C**	

	during the preceding period. A Gantt chart for is preferred for the milestone schedule. The following four (4) generic milestones are required in all initial plans with the results reported in the participant's next applicable semi-annual reports to the director. The director may extend the time for or waive these or other milestones in the participant's plan where the director determines, based on a showing by the participant, that a longer time period is reasonably necessary:		
5.a.	Within the first 12 months after enrollment, the participant must complete horizontal delineation of the release and associated constituents of concern on property where access is available at the time of enrollment;	**Section 7.0**	
5.b.	Within the first 24 months after enrollment, the participant must complete horizontal delineation of the release and associated constituents of concern extending onto property for which access was not available at the time of enrollment;	**Section 7.0**	
5.c.	Within 30 months after enrollment, the participant must update the site CSM to include vertical delineation, finalize the remediation plan and provide a preliminary cost estimate for implementation of remediation and associated continuing actions; and	**Section 7.0** **Section 8.0**	
5.d.	Within 60 months after enrollment, the participant must submit the compliance status report required under the VRP, including the requisite certifications.	**Section 8.0**	
6.	**SIGNED AND SEALED PE/PG CERTIFICATION** AND SUPPORTING DOCUMENTATION: "I certify under penalty of law that this report and all attachments were prepared by me or under my direct supervision in accordance with the Voluntary Remediation Program Act (O.C.G.A. Section 12-8-101, et seq.). I am a professional engineer/professional geologist who is registered with the Georgia State Board of Registration for Professional Engineers and Land Surveyors/Georgia State Board of Registration for Professional Geologists and I have the necessary experience and am in charge of the investigation and remediation of this release of regulated substances. Furthermore, to document my direct oversight of the Voluntary Remediation Plan development, implementation of corrective action, and long term monitoring, I have attached a monthly summary of hours invoiced and description of services provided by me to the Voluntary Remediation Program participant since the previous submittal to the Georgia Environmental Protection Division. The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations." Stephen R. Foley PG 1057 — June 7, 2012 Printed Name and GA PE/PG Number — Date Signature and Stamp STEPHEN ROBERT FOLEY No. 001057 GEORGIA REGISTERED PROFESSIONAL GEOLOGIST		

TABLES

Table 1 – Summary of Risk Reduction Standards for Constituents of Concern

Constituent	SOIL			GROUNDWATER		
	Background, mg/kg	Type 3 RRS, mg/kg	Type 4 RRS, mg/kg	Background, mg/L	Type 3 RRS, mg/L	Type 4 RRS, mg/L
PAHs						
Naphthalene	0.028	100	--	1	20	20
VOCs						
Benzene	0.0085	0.5	9.1	1	5	31
Ethylbenzene	0.0085	70	--	1	700	--
Toluene	0.0085	100	--	1	1,000	1,900
Xylenes	0.0085	1,000	--	2	10,000	--
Inorganics						
Arsenic	32.18	38	38	0.018	0.050	0.050
Lead	56.45	400	1,320	0.007	0.015	0.015
Ammonia	1.58	238	--	15	30	30

Source: Table 1, Modified Corrective Action Plan, dated March 14, 2006, prepared by AMEC Earth and Environmental, Inc.

mg/kg - milligrams per kilogram (parts per million)

mg/L - milligrams per liter (parts per million)

Table 2
Monitoring Well Construction Details
HSI Site #10101, Hutchinson Island, GA

Well ID	Well Diameter (inches)	Ground Surface Elevation (ft above msl)	Top of Casing Elevation (ft above msl)	Well Depth (ft bgs)	Top of Screen Depth (ft bgs)	Bottom of Screen Depth (ft bgs)	Top of Screen Elevation (ft msl)	Bottom of Screen Elevation (ft msl)
MW-1	2	4.87	7.67	15.0	5.0	15.0	-0.13	-10.13
MW-2	2	5.25	7.90	15.0	5.0	15.0	0.25	-9.75
MW-3R	2	4.21	5.90	10.0	2.0	10.0	2.21	-5.79
PDMW-1T	2	5.21	7.71	8.0	3.0	8.0	2.21	-2.79
PDMW-2T	2	4.87	7.37	8.0	3.0	8.0	1.87	-3.13
PDMW-3T	2	7.05	9.55	8.0	3.0	8.0	4.05	-0.95
PDMW-4T	2	6.85	9.35	8.0	3.0	8.0	3.85	-1.15
PDMW-5T	2	5.59	8.09	8.0	3.0	8.0	2.59	-2.41
PDMW-6P	2	6.74	9.24	8.0	3.0	8.0	3.74	-1.26
PDMW-7P	2	4.74	7.24	8.0	3.0	8.0	1.74	-3.26
PDMW-8R	2	6.43	9.08	9.0	1.0	9.0	5.43	-2.57
PDMW-9T	2	6.91	9.38	8.0	3.0	8.0	3.91	-1.09
PDMW-10R	2	7.03	9.44	9.0	1.0	9.0	6.03	-1.97
PDMW-12P	2	6.92	9.42	8.0	3.0	8.0	3.92	-1.08
PDMW-13P	2	5.59	8.09	8.0	3.0	8.0	2.59	-2.41
PDMW-14TR	2	5.50	8.00	8.0	5.0	15.0	0.50	-9.50
PDMW-15T	2	5.94	8.44	8.0	3.0	8.0	2.94	-2.06
PDMW-17T	2	6.60	9.10	8.0	3.0	8.0	3.60	-1.40
PDMW-19P	2	6.77	9.27	8.0	3.0	8.0	3.77	-1.23
PDMW-20T	2	5.14	7.64	8.0	3.0	8.0	2.14	-2.86
PDMW-21T	2	4.59	7.09	8.0	3.0	8.0	1.59	-3.41
PDMW-22T	2	6.13	8.63	8.0	3.0	8.0	3.13	-1.87
PDMW-23R	2	7.36	10.07	8.0	1.0	8.0	6.36	-0.64
PDMW-24T	2	6.69	9.19	7.5	2.5	7.5	4.19	-0.81
PDMW-26T	2	4.77	7.27	8.0	3.0	8.0	1.77	-3.23
PDMW-27R	2	6.42	8.78	9.5	1.5	9.5	4.92	-3.08
PDMW-29D	2	5.58	8.56	49.5	44.5	49.5	-38.92	-43.92
PDMW-30P	2	6.63	9.13	8.0	3.0	8.0	3.63	-1.37
PDMW-31R2	2	5.47	8.23	8.0	1.0	8.0	4.47	-2.53
PDMW-32R	2	7.31	9.40	7.5	2.5	7.5	4.81	-0.19
PDMW-33R2	2	5.40	8.48	15.0	10.0	15.0	-4.60	-9.60
PDMW-35P	1	5.73	9.53	25.0	15.0	25.0	-9.27	-19.27
PDMW-36P	1	6.18	9.92	12.0	2.0	12.0	4.18	-5.82
PDMW-37P	1	6.93	9.75	8.0	3.0	8.0	3.93	-1.07
PDMW-38P	1	6.47	10.37	12.0	2.0	12.0	4.47	-5.53
PDMW-40R	2	6.26	8.06	22.0	15.0	22.0	-8.74	-15.74
PDMW-45R	1	6.03	8.59	10.0	2.0	10.0	4.03	-3.97
TMW-1	2	5.13	8.45	13.0	8.0	13.0	-2.87	-7.87
TMW-4R	2	6.47	9.24	9.0	1.0	9.0	5.47	-2.53
EW-1	4	6.68	8.45	12.0	2.0	12.0	4.68	-5.32
MW-201	4	7.01	10.27	9.5	2.0	9.5	5.01	-2.49
MW-202	4	6.35	9.15	8.0	2.0	8.0	4.35	-1.65
MW-203	4	6.83	10.00	10.0	2.0	10.0	4.83	-3.17
MW-204	2	6.64	9.13	10.0	2.0	10.0	4.64	-3.36

Source: AMEC Modified Corrective Action Plan, March 2006, Table 6
bgs = below ground surface
msl = mean sea level
ft = feet

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

						EW-1								MW-1					
					Sample Date:	4/4/2008	7/19/2008	10/8/2008	12/3/2009	6/19/2010	12/16/2010	6/14/2011	12/6/2011	10/15/1997	9/28/1999	11/18/1999	2/24/2000	5/16/2000	8/22/2000
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	EW-1_4/4/2008	EW-1_7/19/2008	EW-1_10/8/2008	EW-1_12/3/2009	EW-1_6/19/2010	EW-1_12/16/2010	EW-1_061411	EW-1_12062011	MW-1_10/15/1997	MW-1_9/28/1999	MW-1_11/18/1999	MW-1_2/24/2000	MW-1_5/16/2000	MW-1_8/22/2000
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	2.3 J	NA	NA	NA	1 U	NA	1 U	1 U	1 U	1 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	1.9 UJ	NA	NA	NA	1 U	NA	1 U	1 U	1 U	1 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	1.9 UJ	NA	NA	NA	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	1.9 UJ	NA	NA	NA	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	1.9 UJ	NA	NA	NA	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	1.9 UJ	NA	NA	NA	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	1.9 UJ	NA	NA	NA	0.5 U	NA	NA	NA	NA	NA
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	1.9 UJ	NA	NA	NA	0.5 U	NA	NA	NA	NA	NA
	CHRYSENE	0.2	0.2	65	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	1.9 UJ	NA	NA	NA	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	1.9 UJ	NA	NA	NA	1 U	NA	NA	NA	NA	NA
	FLUORANTHENE	0.5	1000	--	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	1.9 UJ	NA	NA	NA	0.5 U	NA	0.5 U	0.5 U	0.5 U	0.5 U
	FLUORENE	0.5	1000	--	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	1.9 UJ	NA	NA	NA	0.5 U	NA	0.5 U	0.5 U	0.5 U	0.5 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	1.9 UJ	NA	NA	NA	0.5 U	NA	NA	NA	NA	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	0.76 U	3.8 UJ	NA	NA	NA	NA	NA	NA	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	1.9 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NAPHTHALENE	1	20	20	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	1.9 UJ	NA	NA	NA	1 U	NA	1 U	1 U	1 U	1 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	1.9 UJ	NA	NA	NA	*0.26*	NA	*0.22*	0.2 U	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	3.4 J	NA	NA	NA	0.5 U	NA	0.5 U	0.5 U	0.5 U	0.5 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	5.7	NA	NA	NA	0.26	NA	0.22	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 UJ	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 UJ	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 UJ	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 U	2 U	2 UJ	NA	NA	NA	2 U	1 U	1 U	1 U	1 U	1 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	10 U	10 U	NA	NA	10 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.05 U	0.05 U	0.01 U	0.02 U	0.02 U	NA	NA	NA	0.01 U	NA	0.01 U	0.01 U	0.01 U	*0.12*
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.05 U	0.05 U	0.01 U	0.01 U	0.013	NA	NA	NA	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.022
	LEAD	0.007	0.015	0.015	mg/l	0.025 U	*0.025*	*0.054*	0.01 U	0.01 U	*0.04*	0.02 U	0.01	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.0094
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	*0.24*	*0.22*	*0.2*	0.047	*0.12*	NA	NA	NA	0.04 U	NA	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	1.2	1.3	0.83	0.15	0.75	NA	NA	NA	0.02 U	NA	0.02 U	0.02 U	0.02 U	0.026
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA	0.01 U
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	0.005 U	NA	0.005 U
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.04 U	0.04 U	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U	0.022 U	NA	0.02 U
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	*97*	*41*	*420*	2.5	*240 J*	*580*	*530*	*400*	19	NA	21	26	23	21
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	MW-1														
					Sample Date:	1/10/2001	7/12/2001	2/7/2002	9/11/2002	2/7/2003	6/27/2003		1/30/2004		7/23/2004	3/7/2006	4/3/2008	7/21/2008	10/6/2008
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Dup	Normal	Dup	Normal	Normal	Normal	Normal	Normal
					Sample ID:	MW-1_1/10/2001	MW-1_7/12/2001	MW-1_2/7/2002	MW-1_9/11/2002	MW-1_2/7/2003	MW-1_6/27/2003	MW-1_DUP_6/27/2003	MW-1_1/30/2004	MW-1 (DUP)_1/30/2004	MW-1_7/23/2004	MW-1_3/7/2006	MW-1_4/3/2008	MW-1_7/21/2008	MW-1_10/6/2008
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.39	0.2 U	0.23	0.2 U	1 U	0.24	0.45	19 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.19 U	0.19 U	19 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.19 U	***0.27***	19 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.19 U	0.19 U	19 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.19 U	0.19 U	19 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.19 U	0.19 U	19 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.19 U	0.19 U	19 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.19 U	0.19 U	19 U
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.19 U	0.19 U	19 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.19 U	0.19 U	19 U
	FLUORANTHENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.2 U	0.34	0.26	0.48	0.21	0.3	0.31	1 U	0.19 U	0.54	19 U
	FLUORENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.19 U	0.3	19 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.19 U	0.19 U	19 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.19 U	0.19 U	19 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.19 U	0.19 U	19 U
	NAPHTHALENE	1	20	20	ug/L	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.19 U	0.19 U	19 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.19 U	***0.28***	19 U
	PYRENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.2 U	0.5	0.36	0.47	0.26	0.42	0.41	1.1	0.38	0.66	19 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	1.04	0.62	1.34	0.47	0.95	0.72	1.1	0.62	2.5	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	1 U	1 U	NA	NA	NA	NA	NA	NA	NA	NA	1 U	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	1 U	1 U	NA	NA	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	1 U	1 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U	10 U	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	***0.079***	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	***0.022***	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.013	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	17	***31***	22	***31***	28	17	25	0.36	27	27	17	18	17	18
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	MW-1			MW-2										
					Sample Date:	12/3/2009	6/16/2010	6/13/2011	10/15/1997	8/10/1999	11/17/1999	2/24/2000	5/15/2000	8/21/2000	1/9/2001	7/12/2001	9/11/2002	2/7/2003	6/27/2003
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	MW-1_12/3/2009	MW-1_6/16/2010	MW-1-061311	MW-2_10/15/1997	MW-2_8/10/1999	MW-2_11/17/1999	MW-2_2/24/2000	MW-2_5/15/2000	MW-2_8/21/2000	MW-2_1/9/2001	MW-2_7/12/2001	MW-2_9/11/2002	MW-2_2/7/2003	MW-2_6/27/2003
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.27	0.31	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.59	0.42
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.19 U	0.19 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.19 U	***0.35***	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.19 U	0.19 U	NA	0.5 U	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.19 U	0.19 U	NA	0.5 U	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U
	CHRYSENE	0.2	0.2	65	ug/L	0.19 U	***0.23***	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.19 U	0.19 U	NA	1 U	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U
	FLUORANTHENE	0.5	1000	--	ug/L	0.45	0.66	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U
	FLUORENE	0.5	1000	--	ug/L	0.23 *	0.31	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.19 U	0.19 U	NA	0.5 U	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.76 U	0.19 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.19 U	0.19 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U
	NAPHTHALENE	1	20	20	ug/L	0.19 U	0.19 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.19 U	***0.43***	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.54	1.1	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.22	0.2 U
	TOTAL PAHs	--	--	--	ug/L	1.49	3.39	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.81	0.42
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	NA	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.02 U	0.02 U	0.018 U	***0.02***	***0.078***	***0.039***	***0.024***	0.016	***0.038***	***0.028***	0.018	***0.04***	***0.044***	***0.024***
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.01 U	0.01 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.02 U	NA	0.02 U	0.02 U	0.021 U	0.02 U	0.02 U	0.02 U	0.02 U	0.046	0.02 U	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	0.005 U	0.005 U	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	0.04 U	0.04 U	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	0.02 U	0.02 U	NA	NA	NA	0.02 U	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	15	24	23	NA	29	22	23	22	19	20	20	27	28	18
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

		Location:	MW-2										MW-3R			
		Sample Date:	1/30/2004	7/23/2004	3/7/2006	4/3/2008	7/21/2008	10/5/2008	12/3/2009		6/17/2010	6/13/2011	8/29/2001	2/7/2002	9/13/2002	2/6/2003
		Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Dup	Normal	Normal	Normal	Normal	Normal	Normal
		Sample ID:	MW-2_1/30/2004	MW-2_7/23/2004	MW-2_3/7/2006	MW-2_4/3/2008	MW-2_7/21/2008	MW-2_10/5/2008	MW-2_12/3/2009	MW-2-DUP_12/3/2009	MW-2_6/17/2010	MW-2-061311	MW-3R_8/29/2001	MW-3R_2/7/2002	MW-3R_9/13/2002	MW-3R_2/6/2003
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.48	0.47	0.61	0.45	0.46	0.72	0.8	0.83	0.45	NA	1 U	1 U	0.44	0.2 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	1 U	1 U	0.2 U	0.2 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	*0.4 J*	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.2 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.2 U
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.2 U
	FLUORANTHENE	0.5	1000	--	ug/L	0.24	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	0.5 U	0.5 U	0.2 U	0.2 U
	FLUORENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	0.5 U	0.5 U	0.2	0.2 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.2 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.76 U	0.76 U	0.38 U	NA	NA	NA	0.34	0.2 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.24	0.2 U
	NAPHTHALENE	1	20	20	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	1 U	1 U	4.1	0.2 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.29	0.2 U	0.19 U	0.24 J	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	0.5 U	0.5 U	0.2 U	0.2 U
	TOTAL PAHs	--	--	--	ug/L	1.01	0.47	0.61	0.69	0.46	0.72	0.8	0.83	0.45	NA	0.4	ND	5.32	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NA	2 U	2 U	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	10 U	10 U	10 U	NA	NA	NA	10 U	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	*0.02*	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.02 U	0.02 U	0.036 U	0.01 U	0.01 U	0.014	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.014	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.01 U	0.01 U	NA	0.005 U	0.0058	0.0071	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	NA	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	0.02 U	0.021	0.041	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	0.02 U	NA	NA	NA	NA	NA	NA	0.02 U	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	19	19	6	7.1	7.1	6.3	4.7	4.8	18	15	3.3	8.4	6	7.8
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	MW-3R											MW-4		
					Sample Date:	6/26/2003	1/30/2004	7/22/2004	3/8/2006		4/4/2008	7/22/2008	10/6/2008	12/7/2009	6/19/2010	6/17/2011	10/16/1997	8/9/1999	11/17/1999
					Sample Type:	Normal	Normal	Normal	Normal		Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	MW-3R_6/26/2003	MW-3R_1/30/2004	MW-3R_7/22/2004	MW-3R Filtered_3/8/2006	MW-3R Unfiltered_3/8/2006	MW-3R_4/4/2008	MW-3R_7/22/2008	MW-3R_10/6/2008	MW-3R_12/7/2009	MW-3R_6/19/2010	MW-3R_061711	MW-4_10/16/1997	MW-4_8/9/1999	MW-4_11/17/1999
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	1 U	1 U	1 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	1 U	1 U	1 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.19 U	0.2 UJ	0.19 U	0.19 U	0.19 UJ	NA	0.5 U	NA	NA
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.5 U	NA	NA
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	1 U	NA	NA
	FLUORANTHENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.5 U	0.5 U	0.5 U
	FLUORENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.5 U	0.5 U	0.5 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.5 U	NA	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.19 U	0.2 U	0.19 U	0.75 U	0.38 UJ	NA	NA	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	NA
	NAPHTHALENE	1	20	20	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	1 U	1 U	1 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.5 U	0.5 U	0.5 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 UJ	NA	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 UJ	NA	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	1 U	NA	NA	NA	NA	NA	NA	NA	1 U	1 U
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA	NA	1 U	1 U
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 UJ	NA	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 U	NA	2 U	2 U	2 U	2 U	2 U	2 UJ	NA	2 U	1 U	1 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	10 U	10 U	10 U	NA	NA	10 UJ	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.01 U	0.01	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.02 U	NA	0.01 U	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.018	0.01 U	0.01 U	0.019	0.011	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.012	0.005 U	0.005 U	0.01	0.005 U	0.005 U	0.01 U	0.01 U	NA	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	NA	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.02 U	0.043	0.02 U	0.02 U	0.026	0.02 U	0.02 U	0.02 U	0.02 U	NA	0.02 U	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U	NA	NA	NA	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	0.01 U
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.01 U	0.04 U	NA	NA	NA	0.005 U
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	0.04 U	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.005 U	NA	NA	NA	0.04 U
	ZINC	0.96	2	31	mg/L	NA	NA	NA	0.02 U	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA	0.02 U
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	10	7	7.3	NA	1.8	0.8	0.95	0.87	1	0.092 J	1.1	NA	11	10
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	MW-4										MW-5			
					Sample Date:	2/23/2000	5/15/2000	8/21/2000	1/9/2001	7/10/2001	9/11/2002	2/3/2003	6/25/2003	1/29/2004	7/23/2004	10/16/1997	8/9/1999	11/18/1999	2/23/2000
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	MW-4_2/23/2000	MW-4_5/15/2000	MW-4_8/21/2000	MW-4_1/9/2001	MW-4_7/10/2001	MW-4_9/11/2002	MW-4_2/3/2003	MW-4_6/25/2003	MW-4_1/29/2004	MW-4_7/23/2004	MW-5_10/16/1997	MW-5_8/9/1999	MW-5_11/18/1999	MW-5_2/23/2000
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	NA	NA	NA
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	NA	NA	NA
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	NA	NA	NA
	FLUORANTHENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U
	FLUORENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	NA	NA	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	NA	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	NA	NA	NA
	NAPHTHALENE	1	20	20	ug/L	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	NA	NA
	O-XYLENE	--	--	--	ug/L	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	1 U	1 U	1 U	1 U	1 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U	1 U	1 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/L	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	0.005 U
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.04 U	0.04 U
	ZINC	0.96	2	31	mg/L	0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U	0.02 U
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	9	9.3	11	14	14	13	14	10	11	12	NA	6.1	7.9	5.1
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

	Location:					MW-5									MW-201				
	Sample Date:					5/16/2000	8/22/2000	1/10/2001	7/11/2001	9/10/2002	2/4/2003	6/25/2003	1/27/2004	7/21/2004	3/8/2006	4/1/2008	7/18/2008	10/9/2008	12/3/2009
	Sample Type:					Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
	Sample ID:					MW-5_5/16/2000	MW-5_8/22/2000	MW-5_1/10/2001	MW-5_7/11/2001	MW-5_9/10/2002	MW-5_2/4/2003	MW-5_6/25/2003	MW-5_1/27/2004	MW-5_7/21/2004	MW-201_3/8/2006	MW-201_4/1/2008	MW-201_7/18/2008	MW-201_10/9/2008	MW-201_12/3/2009
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U
	FLUORANTHENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U
	FLUORENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U*
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.8 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U
	NAPHTHALENE	1	20	20	ug/L	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	1 U	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	1 U	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	1 U	1 U	1 U	1 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U	10 U	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.009	0.01	0.009	*0.026*
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.036	0.039	0.045	0.033
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	5.6	4.8	5.4	6.2	6.1	4.7	2.3	2.7	4.2	25	4.5	3.3	1.2	6
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

						Location:	MW-201				MW-202						MW-203			
						Sample Date:	6/19/2010	12/16/2010	6/14/2011	12/6/2011	3/8/2006	4/1/2008	7/19/2008	10/9/2008	12/1/2009	6/18/2010	3/8/2006	4/2/2008		7/19/2008
						Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Dup	Normal
						Sample ID:	MW-201_6/19/2010	MW-201_12/16/2010	MW-201-061411	MW-201_12062011	MW-202_3/8/2006	MW-202_4/1/2008	MW-202_7/19/2008	MW-202_10/9/2008	MW-202_12/1/2009	MW-202_6/18/2010	MW-203_3/8/2006	MW-203_4/2/2008	MW-203 DUP_4/2/2008	MW-203_7/19/2008
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.19 UJ	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.19 UJ	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.19 UJ	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.19 UJ	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.19 UJ	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.19 UJ	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.19 UJ	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.19 UJ	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	CHRYSENE	0.2	0.2	65	ug/L	0.19 UJ	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.19 UJ	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	FLUORANTHENE	0.5	1000	--	ug/L	0.19 UJ	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	FLUORENE	0.5	1000	--	ug/L	0.19 UJ	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.19 UJ	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.39 UJ	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.78 U	0.38 UJ	0.19 U	0.19 U	0.19 U	0.19 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.19 UJ	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 U
	NAPHTHALENE	1	20	20	ug/L	0.19 UJ	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	0.34	0.19 U	0.19 U	0.19 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.19 UJ	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	PYRENE	0.5	1000	--	ug/L	0.19 UJ	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	TOTAL PAHs	--	--	--	ug/L	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	0.34	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 UJ	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 UJ	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 UJ	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	2 UJ	NA	NA	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	10 UJ	NA	NA	NA	10 U	10 U	10 U	NA	NA	10 U	10 U	10 U	10 U	10 U
	TOTAL BTEX	--	--	--	ug/L	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.02 U	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.01 U	0.01 U	0.01 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	NA	NA	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.044	NA	NA	NA	0.02 U	0.021	0.036	0.064	0.02 U	0.02 U	0.02 U	0.025	0.033	0.046
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	10 J	NA	23	NA	0.64	0.28 U	0.79	0.51	0.59	0.74	1.3	1.2	1.1	0.53
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	MW-203				MW-204									
					Sample Date:	10/8/2008	12/1/2009	6/18/2010		4/3/2008	7/20/2008	10/7/2008		12/1/2009	3/23/2010	6/16/2010		9/14/2010	12/15/2010
					Sample Type:	Normal	Normal	Normal	Dup	Normal	Normal	Normal	Dup	Normal	Normal	Normal	Dup	Normal	Normal
					Sample ID:	MW-203_10/8/2008	MW-203_12/1/2009	MW-203_6/18/2010	MW-203DUP_6/18/2010	MW-204_4/3/2008	MW-204_7/20/2008	MW-204_10/7/2008	MW-204-DUP_10/7/2008	MW-204_12/1/2009	MW-204_3/23/2010	MW-204_6/16/2010	MW-204 DUP_6/16/2010	MW-204_9/14/2010	MW-204_12/15/2010
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.2 U	0.19 U	0.2 UJ	0.2 UJ	0.32	0.27	19 U	19 U	0.3	0.42 J	0.24	0.22	0.19 U	0.19
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U	0.24	19 U	19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U	*0.27*	19 U	19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U	*0.29*	19 U	19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U	0.19 U	19 U	19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U	*0.3*	19 U	19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U	0.19 U	19 U	19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U	0.19 U	19 U	19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U	*0.29*	19 U	19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U	0.19 U	19 U	19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	FLUORANTHENE	0.5	1000	--	ug/L	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U	0.53	19 U	19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	FLUORENE	0.5	1000	--	ug/L	0.2 U	0.19 U	0.2 U	0.19 U	0.37	0.42	19 U	19 U	0.19 U	0.42 J	0.28	0.34	0.19 U	0.19 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U	0.19 U	19 U	19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.78 U	0.4 UJ	0.38 UJ	7.1	1.1	19 U	19 U	1.3	1.6 J	0.67	0.57	0.38 U	0.38 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.19 U	0.2 UJ	0.19 UJ	0.39	0.19 U	23	20	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	NAPHTHALENE	1	20	20	ug/L	0.2 U	0.19 U	0.2 UJ	0.19 UJ	0.2 U	0.37	*100*	*76*	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U	*0.77*	*32*	*34*	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	PYRENE	0.5	1000	--	ug/L	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U	0.69	19 U	19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	8.18	5.54	155	130	1.6	2.44	1.19	1.13	ND	0.19
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	*32*	*28*	*9.5*	*9.9*	*16*	NA	*12*	*14*	NA	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	NA	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	NA	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NA	2 U	2 U	NA	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	10 U	10 U	10 U	10 U	NA	NA	NA	NA	10 U	10 U	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	32	28	9.5	9.9	16	NA	12	14	NA	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.02 U	0.02 U	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	NA	0.02 U	0.02 U	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.01 U	NA	NA
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.01 U	0.01 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	NA	0.01 U	0.01 U	NA	NA
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	NA	0.04 U	0.04 U	NA	NA
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	0.02 U	0.02 U	NA	NA
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	0.02 U	NA	NA	NA	NA	NA	NA	NA	0.02 U	0.02 U	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	0.01 U	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	0.01 U	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	0.04 U	NA	NA	NA	NA	NA	NA	NA	0.04 U	0.04 U	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	0.02 U	NA	NA	NA	NA	NA	NA	NA	0.02 U	0.02 U	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	3	0.95	1 J	0.96	*520*	*520*	*430*	*440*	*340*	NA	*290*	*300*	NA	*300*
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

		Location:				MW-204		PDMW-1T											
		Sample Date:				6/15/2011	12/6/2011	10/30/1997	8/10/1999	11/16/1999	2/23/2000	5/16/2000	8/22/2000	1/10/2001	7/16/2001	2/6/2002	9/12/2002	2/6/2003	6/25/2003
		Sample Type:				Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
		Sample ID:				MW-204_061511	MW-204_12062011	PDMW-1T_10/30/1997	PDMW-1T_8/10/1999	PDMW-1T_11/16/1999	PDMW-1T_2/23/2000	PDMW-1T_5/16/2000	PDMW-1T_8/22/2000	PDMW-1T_1/10/2001	PDMW-1T_7/16/2001	PDMW-1T_2/6/2002	PDMW-1T_9/12/2002	PDMW-1T_2/6/2003	PDMW-1T_6/25/2003
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.2 U	0.24	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.2 U	0.19 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.19 U	***0.32***	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.19 U	***0.31***	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.19 U	***0.26***	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.19 U	***0.26***	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.2 UJ	0.19 U	0.5 U	NA	0.5 U	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.2 U	0.19 U	0.5 U	NA	0.2 U	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.19 U	***0.44***	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.2 UJ	0.19 U	1 U	NA	0.2 U	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U
	FLUORANTHENE	0.5	1000	--	ug/L	0.2 U	0.19 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U
	FLUORENE	0.5	1000	--	ug/L	0.2 U	0.19 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.2 U	0.19 U	0.5 U	NA	0.2 U	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.39 U	0.38 U	NA	NA	1 U	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.19 U	NA	NA	1 U	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U
	NAPHTHALENE	1	20	20	ug/L	0.2 U	0.19 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.19 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.2 U	0.19 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U
	TOTAL PAHs	--	--	--	ug/L	ND	0.24	1.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	2 U	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	0.01 U	0.012	0.01 U	0.01 U	0.01 U	0.01 U	0.011	0.01 U	0.01	0.011	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	0.02 U	0.02 U	0.063	0.02 U	0.027	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	0.01 U	0.01 U	NA	NA	0.01 U	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	0.005 U	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	0.04 U	0.04 U	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	0.02 U	0.02 U	0.02 U	NA	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	***290***	***370***	2	5	8.2	13	17	22	16	24	18	19	18	12
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-1T									PDMW-2T				
					Sample Date:	1/29/2004	7/20/2004	3/8/2006	4/3/2008	7/21/2008	10/7/2008	12/5/2009	6/17/2010	6/13/2011	10/29/1997	8/9/1999	11/16/1999	2/24/2000	5/16/2000
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-1T_1/29/2004	PDMW-1T_7/20/2004	PDMW-1T_3/8/2006	PDMW-1T_4/3/2008	PDMW-1T_7/21/2008	PDMW-1T_10/7/2008	PDMW-1T_12/5/2009	PDMW-1T_6/17/2010	PDMW-1T-061311	PDMW-2T_10/29/1997	PDMW-2T_8/9/1999	PDMW-2T_11/16/1999	PDMW-2T_2/24/2000	PDMW-2T_5/16/2000
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	1.9 U	0.19 U	NA	1 U	1 U	1 U	1 U	1 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	1.9 U	0.19 U	NA	1 U	1 U	1 U	1 U	1 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	1.9 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	1.9 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	1.9 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	1.9 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	1.9 U	0.19 U	NA	0.5 U	NA	0.5 U	NA	NA
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	1.9 U	0.19 U	NA	0.5 U	NA	0.2 U	NA	NA
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	1.9 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	1.9 U	0.19 U	NA	1 U	NA	0.2 U	NA	NA
	FLUORANTHENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	1.9 U	0.19 U	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	FLUORENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	1.9 U	0.19 U	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	1.9 U	0.19 U	NA	0.5 U	NA	0.2 U	NA	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	7.5 U	0.38 U	NA	NA	NA	1 U	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	1.9 U	0.19 U	NA	NA	NA	1 U	NA	NA
	NAPHTHALENE	1	20	20	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	1.9 U	0.19 U	NA	1 U	1 U	1 U	1 U	1 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	1.9 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	1.9 U	0.19 U	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	1 U	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	10 U	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NA	2 U	1 U	1 U	1 U	1 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	10 U	10 U	10 U	NA	NA	10 U	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.015	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.02 U	NA	*0.0193*	*0.023*	0.01 U	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.01 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.023	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	0.005 U	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.04 U	0.04 U	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U	0.02 U	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	1.9	0.038	25	17	14	15	9.6	12	*34*	29	19	27	26	24
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-2T												
					Sample Date:	8/22/2000	1/10/2001	7/16/2001	9/10/2002	2/6/2003	6/26/2003	1/27/2004	7/21/2004	3/6/2006	4/2/2008	7/19/2008	10/5/2008	12/1/2009	6/18/2010
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-2T_8/22/2000	PDMW-2T_1/10/2001	PDMW-2T_7/16/2001	PDMW-2T_9/10/2002	PDMW-2T_2/6/2003	PDMW-2T_6/26/2003	PDMW-2T_1/27/2004	PDMW-2T_7/21/2004	PDMW-2T_3/6/2006	PDMW-2T_4/2/2008	PDMW-2T_7/19/2008	PDMW-2T_10/5/2008	PDMW-2T_12/1/2009	PDMW-2T_6/18/2010
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ
	ACENAPHTHYLENE	1.4	1	510	ug/L	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	FLUORANTHENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	FLUORENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.76 U	0.38 UJ
	2-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ
	NAPHTHALENE	1	20	20	ug/L	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ
	PYRENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	1 U	1 U	1 U	NA	NA	NA	NA	NA	1 U	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	1 U	1 U	1 U	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	1 U	1 U	1 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U	10 U	NA	NA	10 U
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.011	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.02 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.01 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.023	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	22	25	18	37	45	18	0.59	27	3.2	2.8	0.85	2.6	7.7	15
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-2T		PDMW-3T											
					Sample Date:	6/15/2011	12/21/2011	10/29/1997	8/11/1999	11/16/1999	2/23/2000	2/24/2000	5/16/2000	8/21/2000	1/9/2001	7/11/2001	2/4/2002	9/10/2002	2/6/2003
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-2T-061511	PDMW-2T_12212011	PDMW-3T_10/29/1997	PDMW-3T_8/11/1999	PDMW-3T_11/16/1999	PDMW-3T_2/23/2000	PDMW-3T_2/24/2000	PDMW-3T_5/16/2000	PDMW-3T_8/21/2000	PDMW-3T_1/9/2001	PDMW-3T_7/11/2001	PDMW-3T_2/4/2002	PDMW-3T_9/10/2002	PDMW-3T_2/6/2003
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	NA	NA	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	NA	NA	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U
	ANTHRACENE	0.2	0.2	5100	ug/L	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	NA	NA	0.5 U	NA	0.5 U	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	NA	NA	0.5 U	NA	0.2 U	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	CHRYSENE	0.2	0.2	65	ug/L	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	NA	NA	1 U	NA	0.2 U	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	FLUORANTHENE	0.5	1000	--	ug/L	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U
	FLUORENE	0.5	1000	--	ug/L	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	NA	NA	0.5 U	NA	0.2 U	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	1 U	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	1 U	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	NAPHTHALENE	1	20	20	ug/L	NA	NA	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U
	PHENANTHRENE	0.22	0.2	510	ug/L	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U
	TOTAL PAHs	--	--	--	ug/L	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	NA	NA	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	NA	NA	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	NA	NA	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	NA	NA	3.3	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	2 U	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	NA	NA	3.3	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	NA	0.018 U	0.01 U	0.01 U	0.01 U	NA	0.017	*0.049*	*0.058*	0.01 U	*0.043*	*0.02*	0.012	*0.031*
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	NA	NA	0.0082	*0.016*	*0.02*	NA	*0.036*	*0.025*	0.005 U	0.014	0.0092	0.005 U	0.005 U	0.01
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	0.04 U	0.04 U	0.04 U	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	0.02 U	0.1	0.056	NA	0.074	0.046	0.02 U	0.062	0.037	0.42	0.12	0.042
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	0.01 U	NA	0.01 U	NA	0.01 U	0.013	0.01 U	NA	0.01 U	0.01 U	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	0.01 U	NA	0.01 U	NA	0.01 U	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	0.005 U	NA	*0.016*	NA	*0.016*	0.0069	NA	0.0074	0.005 U	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	0.04 U	NA	0.04 U	NA	0.04 U	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	0.02 U	NA	0.042	NA	0.049	0.03	NA	0.047	0.075	0.44	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	*120*	NA	1.4	*6600*	0.84	0.81	NA	1.8	2.9	0.54	3.2	2	1.2	0.75
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-3T													
					Sample Date:	6/26/2003	1/27/2004	7/21/2004	3/6/2006		4/2/2008	7/19/2008	10/4/2008	12/1/2009	6/16/2010	12/15/2010	6/15/2011		12/8/2011
					Sample Type:	Normal	Normal	Normal	Normal		Normal	Normal	Normal	Normal	Normal	Normal	Normal		Normal
					Sample ID:	PDMW-3T_6/26/2003	PDMW-3T_1/27/2004	PDMW-3T_7/21/2004	MW-3T Unfiltered_3/6/2006	PDMW-3T Filtered_3/6/2006	PDMW-3T_4/2/2008	PDMW-3T_7/19/2008	PDMW-3T_10/4/2008	PDMW-3T_12/1/2009	PDMW-3T_6/16/2010	PDMW-3T_12/15/2010	PDMW-3T_061511	PDMW-3T_061511 FF	PDMW-3T_12082011
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U	0.19 U	NA	NA	NA	NA
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U	0.19 U	NA	NA	NA	NA
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U	0.19 U	NA	NA	NA	NA
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U	0.19 U	NA	NA	NA	NA
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U	0.19 U	NA	NA	NA	NA
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U	0.19 U	NA	NA	NA	NA
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U	0.19 U	NA	NA	NA	NA
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U	0.19 U	NA	NA	NA	NA
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U	0.19 U	NA	NA	NA	NA
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U	0.19 U	NA	NA	NA	NA
	FLUORANTHENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U	0.19 U	NA	NA	NA	NA
	FLUORENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U	0.19 U	NA	NA	NA	NA
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U	0.19 U	NA	NA	NA	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U	0.19 U	NA	NA	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.8 U	0.39 U	NA	NA	NA	NA
	NAPHTHALENE	1	20	20	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U	0.19 U	NA	NA	NA	NA
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U	0.19 U	NA	NA	NA	NA
	PYRENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U	0.19 U	NA	NA	NA	NA
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 U	2 U	NA	2 U	2 U	2 U	2 U	2 U	NA	NA	NA	NA
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	10 U	NA	10 U	10 U	NA	NA	10 U	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA	NA	NA
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	*0.029*	0.01 U	*0.034*	*0.02*	*0.021*	*0.035*	*0.036*	*0.046*	0.02 U	0.02 U	0.018	*0.035*	NA	0.018 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.03	0.01 U	0.01 U	0.01 U	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/l	0.015	0.0057	*0.02*	0.0094	0.005 U	*0.028*	*0.17*	0.013	0.01 U	0.01 U	0.01	0.014	NA	0.01 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	NA	NA	NA	NA
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.089	0.029	0.037	0.02	0.031	0.18	0.026	0.02 U	0.059	NA	NA	NA	NA
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	*0.021*	*0.03*	0.01 U	NA	NA	0.02 U	NA	NA	*0.032*	0.018 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	0.01 U	0.01 U	0.01 U	NA	NA	0.01 U	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	NA	NA	0.01 U	NA	NA	0.01 U	0.0015 U
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	0.04 U	0.04 U	0.04 U	NA	NA	0.04 U	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	0.02	0.02 U	0.039	NA	NA	0.02 U	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	1.6	0.31	4.3	0.67	NA	2.5	0.72	4.3	0.62	2.5	NA	2.7	NA	1.3
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-4T													
					Sample Date:	10/23/1997	8/9/1999	11/17/1999	2/24/2000	5/16/2000	8/22/2000	1/10/2001	7/12/2001	2/5/2002	9/11/2002	2/7/2003	6/25/2003	1/29/2004	7/23/2004
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-4T_10/23/1997	PDMW-4T_8/9/1999	PDMW-4T_11/17/1999	PDMW-4T_2/24/2000	PDMW-4T_5/16/2000	PDMW-4T_8/22/2000	PDMW-4T_1/10/2001	PDMW-4T_7/12/2001	PDMW-4T_2/5/2002	PDMW-4T_9/11/2002	PDMW-4T_2/7/2003	PDMW-4T_6/25/2003	PDMW-4T_1/29/2004	PDMW-4T_7/23/2004
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.5 U	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.5 U	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	1 U	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	FLUORANTHENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	FLUORENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.5 U	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	NAPHTHALENE	1	20	20	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	2 U	2 U	2 U	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.017	0.01 U	0.01 U	0.01 U	*0.023*	0.01 U	0.018	NA	0.01 U	0.01 U	0.014	0.011	*0.02*
	BERYLLIUM	--	0.004	--	mg/L	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.102	0.14	0.056	0.17	0.11	0.02 U	0.26	0.19	NA	0.24	0.12	0.039	0.096	0.051
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	0.01 U	0.01 U	NA	0.01 U	NA	0.01 U	0.01 U	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	0.005 U	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	0.04 U	0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	0.057	0.16	0.087	NA	0.24	0.14	0.11	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	*90*	*410*	*220*	*200*	*300*	*1000*	*100*	*370*	NA	*280*	*46*	*280*	*440*	*530*
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-4T										PDMW-5T					
					Sample Date:	3/6/2006	4/3/2008	7/20/2008	10/6/2008	12/4/2009		6/19/2010	12/15/2010	6/16/2011	12/7/2011	10/30/1997	8/9/1999	11/17/1999	2/24/2000		
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Dup	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal		
					Sample ID:	PDMW-4T_3/6/2006	PDMW-4T_4/3/2008	PDMW-4T_7/20/2008	PDMW-4T_10/6/2008	PDMW-4T_12/4/2009	PDMW-4T-DUP_12/4/2009	PDMW-4T_6/19/2010	PDMW-4T_12/15/2010	PDMW-4T_061611	PDMW-4T_12072011	PDMW-5T_10/30/1997	PDMW-5T_8/9/1999	PDMW-5T_11/17/1999	PDMW-5T_2/24/2000		
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result		
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.97 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	1 U	1 U	1 U	1 U		
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.97 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	1 U	1 U	1 U	1 U		
	ANTHRACENE	0.2	0.2	5100	ug/L	0.97 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U		
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.97 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U		
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.97 U	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U		
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.97 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U		
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.97 U	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	0.5 U	NA	NA	NA		
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.97 U	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	0.5 U	NA	NA	NA		
	CHRYSENE	0.2	0.2	65	ug/L	0.97 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U		
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.97 U	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	1 U	NA	NA	NA		
	FLUORANTHENE	0.5	1000	--	ug/L	0.97 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U		
	FLUORENE	0.5	1000	--	ug/L	0.97 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U		
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.97 U	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	0.5 U	NA	NA	NA		
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.97 U	0.19 U	0.19 U	0.19 U	0.76 U	0.76 U	0.38 UJ	NA	NA	NA	NA	NA	NA	NA		
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.97 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	NA	NA	NA	NA		
	NAPHTHALENE	1	20	20	ug/L	0.97 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	1 U	1 U	1 U	1 U		
	PHENANTHRENE	0.22	0.2	510	ug/L	0.97 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U		
	PYRENE	0.5	1000	--	ug/L	0.97 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U		
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND		
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	NA	NA	NA	1 U	1 U	1 U	1 U		
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	NA	NA	NA	1 U	1 U	1 U	1 U		
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U		
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	NA	NA		
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U		
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	NA	NA	NA	1 U	1 U	1 U	1 U		
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ	NA	NA	NA	2 U	1 U	1 U	1 U		
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	10 U	10 U	10 U	NA	NA	NA	10 UJ	NA	NA	NA	NA	NA	NA	NA		
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND		
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	*0.022*	*0.036*	*0.02*	*0.033*	0.02 U	0.02 U	*0.039*	*0.019*	*0.027*	0.018 U	0.01 U	*0.098*	*0.066*	0.01 U		
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA		
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA		
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U		
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U		
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA		
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	NA	NA	NA	0.04 U	0.04 U	0.04 U	0.04 U		
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	ZINC	0.96	2	31	mg/L	0.08	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA	0.02 U	0.02 U	0.02 U	0.02 U		
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01	0.01 U		
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U		
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	0.005 U		
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.04 U	0.04 U		
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U	0.02 U		
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	AMMONIA-N	15	30	30	mg/l	*410*	*810*	*200*	*550*	*140*	*140*	*330 J*	*220*	*150*	*120*	2.6	6.1	14	4		
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-5T													
					Sample Date:	5/16/2000	8/22/2000	1/10/2001	7/12/2001	9/12/2002		2/6/2003	6/27/2003	1/29/2004	7/23/2004	3/6/2006	4/4/2008	7/21/2008	10/6/2008
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Dup	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-5T_5/16/2000	PDMW--5T_8/22/2000	PDMW-5T_1/10/2001	PDMW-5T_7/12/2001	PDMW-5T_9/12/2002	PDMW-5T (DUP)_9/12/2002	PDMW-5T_2/6/2003	PDMW-5T_6/27/2003	PDMW-5T_1/29/2004	PDMW-5T_7/23/2004	PDMW-5T_3/6/2006	PDMW-5T_4/4/2008	PDMW-5T_7/21/2008	PDMW-5T_10/6/2008
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	FLUORANTHENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	FLUORENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	NAPHTHALENE	1	20	20	ug/L	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	PYRENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	1 U	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	1 U	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	1 U	1 U	1 U	1 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U	10 U	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	*0.049*	*0.082*	0.01 U	*0.069*	*0.034*	*0.028*	0.01 U	*0.035*	0.01 U	*0.074*	0.01 U	0.01 U	0.01 U	*0.019*
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0053	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.035	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.01 U	NA	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	5	6.7	4	6.6	4.5	4.6	3.8	4.6	0.03 U	5.4	1.3	1.4	1.2	1.3
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-5T							PDMW-6P						
					Sample Date:	12/5/2009	6/17/2010	12/16/2010		6/16/2011		12/7/2011	10/30/1997	8/11/1999	11/16/1999	2/23/2000	5/15/2000	8/21/2000	1/9/2001
					Sample Type:	Normal	Normal	Normal	Dup	Normal		Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-5T_12/5/2009	PDMW-5T_6/17/2010	PDMW-5T_12/16/2010	PDMW-5TDUP3_12/16/2010	PDMW-5T-061611	PDMW-5T-061611FF	PDMW-5T_12072011	PDMW-6P_10/30/1997	PDMW-6P_8/11/1999	PDMW-6P_11/16/1999	PDMW-6P_2/23/2000	PDMW-6P_5/15/2000	PDMW-6P_8/21/2000	PDMW-6P_1/9/2001
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.19 U	0.19 U	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.19 U	0.19 U	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.19 U	0.19 U	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.19 U	0.19 U	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.19 U	0.19 U	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.19 U	0.19 U	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.19 U	0.19 U	NA	NA	NA	NA	NA	0.5 U	NA	0.5 U	NA	NA	NA	NA
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.19 U	0.19 U	NA	NA	NA	NA	NA	0.5 U	NA	0.2 U	NA	NA	NA	NA
	CHRYSENE	0.2	0.2	65	ug/L	0.19 U	0.19 U	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.19 U	0.19 U	NA	NA	NA	NA	NA	1 U	NA	0.2 U	NA	NA	NA	NA
	FLUORANTHENE	0.5	1000	--	ug/L	0.19 U	0.19 U	NA	NA	NA	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	FLUORENE	0.5	1000	--	ug/L	0.19 U	0.19 U	NA	NA	NA	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.19 U	0.19 U	NA	NA	NA	NA	NA	0.5 U	NA	0.2 U	NA	NA	NA	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.78 U	0.38 U	NA	NA	NA	NA	NA	NA	NA	1 U	NA	NA	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.19 U	0.19 U	NA	NA	NA	NA	NA	NA	NA	1 U	NA	NA	NA	NA
	NAPHTHALENE	1	20	20	ug/L	0.19 U	0.19 U	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.19 U	0.19 U	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.19 U	0.19 U	NA	NA	NA	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	5 U	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	NA	NA	NA	NA	NA	1.1	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	NA	NA	NA	NA	NA	2 U	1 U	1 U	1 U	1 U	1 U	1 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	NA	NA	NA	NA	NA	1.1	ND	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.02 U	0.02 U	0.018 U	0.018 U	0.018 U	NA	0.018 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	NA	NA	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.01 U	0.01 U	NA	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	NA	NA	NA	NA	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.02 U	NA	NA	NA	NA	NA	0.02 U	0.037	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	0.018 U	NA	NA	NA	0.01 U	0.01 U	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	0.005 U	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.04 U	0.04 U	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U	0.02 U	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	1	3.1	NA	NA	1.1	NA	NA	10	12	8.4	7.2	22	9	7.7
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-6P													
					Sample Date:	7/12/2001	2/5/2002	9/12/2002	2/7/2003	6/25/2003	1/29/2004	7/23/2004		3/6/2006	4/3/2008	7/20/2008	10/6/2008	12/3/2009	6/17/2010
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Dup	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-6P_7/12/2001	PDMW-6P_2/5/2002	PDMW-6P_9/12/2002	PDMW-6P_2/7/2003	PDMW-6P_6/25/2003	PDMW-6P_1/29/2004	PDMW-6P_7/23/2004	PDMW-6P (DUP)_7/23/2004	PDMW-6P_3/6/2006	PDMW-6P_4/3/2008	PDMW-6P_7/20/2008	PDMW-6P_10/6/2008	PDMW-6P_12/3/2009	PDMW-6P_6/17/2010
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	1 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.76
	ACENAPHTHYLENE	1.4	1	510	ug/L	1 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 UJ
	FLUORANTHENE	0.5	1000	--	ug/L	0.5 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
	FLUORENE	0.5	1000	--	ug/L	0.5 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.47
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 UJ
	1-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.76 U	0.4 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
	NAPHTHALENE	1	20	20	ug/L	1 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.23	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.5 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
	TOTAL PAHs	--	--	--	ug/L	ND	NA	ND	ND	ND	ND	ND	ND	0.23	ND	ND	ND	ND	1.23
VOCs	BENZENE	1	5	31.2	ug/L	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	1 U	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U	10 U	NA	NA	10 U
	TOTAL BTEX	--	--	--	ug/L	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.016	NA	0.017	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.014	*0.037*	0.02 U	*0.024*
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.01 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	NA	0.023	0.034	0.02 U	0.036	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	0.018	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.04 U	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.039	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	10	NA	6.3	5.8	2.3	0.043	5.9	6.9	5.8	25	*38*	18	*38*	*95*
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-6P			PDMW-7P										
					Sample Date:	12/15/2010	6/16/2011	12/7/2011	10/30/1997	8/10/1999	11/17/1999	2/25/2000	5/15/2000	8/21/2000	1/9/2001	7/11/2001	2/4/2002	9/11/2002	2/7/2003
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-6P_12/15/2010	PDMW-6P_061611	PDMW-6P_12072011	PDMW-7P_10/30/1997	PDMW-7P_8/10/1999	PDMW-7P_11/17/1999	PDMW-7P_2/25/2000	PDMW-7P_5/15/2000	PDMW-7P_8/21/2000	PDMW-7P_1/9/2001	PDMW-7P_7/11/2001	PDMW-7P_2/4/2002	PDMW-7P_9/11/2002	PDMW-7P_2/7/2003
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U
	ANTHRACENE	0.2	0.2	5100	ug/L	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	NA	NA	NA	0.5 U	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	NA	NA	NA	0.5 U	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	CHRYSENE	0.2	0.2	65	ug/L	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	NA	NA	NA	1 U	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	FLUORANTHENE	0.5	1000	--	ug/L	NA	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U
	FLUORENE	0.5	1000	--	ug/L	NA	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	NA	NA	NA	0.5 U	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	NAPHTHALENE	1	20	20	ug/L	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U
	PHENANTHRENE	0.22	0.2	510	ug/L	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	NA	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U
	TOTAL PAHs	--	--	--	ug/L	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1.3	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	NA	NA	NA	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	NA	NA	NA	ND	ND	ND	ND	ND	ND	1.3	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	*0.043*	0.018 U	0.018 U	*0.0261*	0.01 U	0.01 U	0.01 U	0.011	*0.022*	*0.02*	*0.023*	*0.024*	0.01 U	*0.047*
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	0.005 U	0.005 U	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	0.04 U	0.04 U	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	0.02 U	0.02 U	NA	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	*31*	*38*	*39*	*54*	*35*	30	*35*	*43*	16	27	26	20	*36*	23
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-7P												PDMW-8R	
					Sample Date:	6/27/2003	1/30/2004	7/22/2004	3/9/2006	4/2/2008	7/21/2008	10/8/2008	12/4/2009	6/16/2010	12/14/2010	6/16/2011	12/7/2011	4/3/2008	7/21/2008
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-7P_6/27/2003	PDMW-7P_1/30/2004	PDMW-7P_7/22/2004	PDMW-7P_3/9/2006	PDMW-7P_4/2/2008	PDMW-7P_7/21/2008	PDMW-7P_10/8/2008	PDMW-7P_12/4/2009	PDMW-7P_6/16/2010	PDMW-7P_12/14/2010	PDMW-7P-061611	PDMW-7P_12072011	PDMW-8R_4/3/2008	PDMW-8R_7/21/2008
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.19 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.19 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.19 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.19 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.19 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.19 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.19 UJ
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.19 UJ
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.19 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.19 UJ
	FLUORANTHENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.2	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.19 U
	FLUORENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.19 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.19 UJ
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.75 U	0.19 U	NA	NA	NA	0.2 U	0.19 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.19 U
	NAPHTHALENE	1	20	20	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.19 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.19 U
	PYRENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.19 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	0.2	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NA	NA	NA	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	10 U	10 U	10 U	NA	NA	10 U	NA	NA	NA	10 U	10 U
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.015	0.018	0.01 U	0.01 U	*0.023*	*0.043*	*0.091*	*0.026*	*0.023*	*0.038*	0.018 U	*0.053*	*0.08*
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.01 U	NA	NA	NA	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	NA	NA	NA	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	*36*	0.14	23	15	12	15	9.2	7.8	6.4	NA	12	NA	*31*	*35*
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-8R						PDMW-8T							
					Sample Date:	10/5/2008	12/4/2009	6/17/2010	12/15/2010	6/15/2011	12/5/2011	10/29/1997	8/10/1999	11/17/1999	2/25/2000	5/16/2000	8/21/2000	1/10/2001	7/11/2001
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-8R_10/5/2008	PDMW-8R_12/4/2009	PDMW-8R_6/17/2010	PDMW-8R_12/15/2010	PDMW-8R_061511	PDMW-8R-12052011	PDMW-8T_10/29/1997	PDMW-8T_8/10/1999	PDMW-8T_11/17/1999	PDMW-8T_2/25/2000	PDMW-8T_5/16/2000	PDMW-8T_8/21/2000	PDMW-8T_1/10/2001	PDMW-8T_7/11/2001
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.23	0.19 U	0.2 U	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.19 U	0.19 U	0.19 U	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.5 U	NA	NA	NA	NA	NA	NA	NA
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.5 U	NA	NA	NA	NA	NA	NA	NA
	CHRYSENE	0.2	0.2	65	ug/L	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.19 U	0.19 U	0.19 U	NA	NA	NA	1 U	NA	NA	NA	NA	NA	NA	NA
	FLUORANTHENE	0.5	1000	--	ug/L	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	FLUORENE	0.5	1000	--	ug/L	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.5 U	NA	NA	NA	NA	NA	NA	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.19 U	0.75 U	0.38 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.19 U	0.19 U	0.19 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NAPHTHALENE	1	20	20	ug/L	0.19 U	0.19 U	0.19 U	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	TOTAL PAHs	--	--	--	ug/L	0.23	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	5 U	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 U	NA	NA	NA	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	*0.092*	0.02 U	*0.08*	0.036 U	*0.04*	0.018 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.011	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.01 U	0.01 U	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	NA	NA	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.02 U	0.02 U	NA	NA	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA	0.01 U	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	0.005 U	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.04 U	0.04 U	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U	0.02 U	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	*55*	*41*	*63*	*82*	*60*	*68*	*60*	*52*	*73*	*56*	*65*	*47*	*55*	*65*
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-8T							PDMW-9T						
					Sample Date:	2/6/2002	9/12/2002	2/6/2003	6/25/2003	1/29/2004	7/20/2004	3/6/2006	10/30/1997	8/9/1999	11/16/1999	2/24/2000	5/16/2000	8/21/2000	1/10/2001
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-8T_2/6/2002	PDMW-8T_9/12/2002	PDMW-8T_2/6/2003	PDMW-8T_6/25/2003	PDMW-8T_1/29/2004	PDMW-8T_7/20/2004	PDMW-8T_3/6/2006	PDMW-9T_10/30/1997	PDMW-9T_8/9/1999	PDMW-9T_11/16/1999	PDMW-9T_2/24/2000	PDMW-9T_5/16/2000	PDMW-9T_8/21/2000	PDMW-9T_1/10/2001
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	0.5 U	NA	0.5 U	NA	NA	NA	NA
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	0.5 U	NA	0.2 U	NA	NA	NA	NA
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	1 U	NA	0.2 U	NA	NA	NA	NA
	FLUORANTHENE	0.5	1000	--	ug/L	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	FLUORENE	0.5	1000	--	ug/L	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	0.5 U	NA	0.2 U	NA	NA	NA	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	NA	NA	1 U	NA	NA	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	NA	NA	1 U	NA	NA	NA	NA
	NAPHTHALENE	1	20	20	ug/L	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.8	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.4	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	5 U	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	1.8	ND	ND	ND	2.4	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.011	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0134	*0.067*	*0.04*	0.016	*0.035*	*0.048*	0.012
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0078	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	0.01 U	NA	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	0.005 U	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.04 U	0.04 U	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U	0.02 U	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	*83*	*110*	*94*	*62*	*47*	*64*	*34*	*190*	*200*	*170*	*140*	*160*	*150*	*58*
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-9T													
					Sample Date:	7/12/2001	2/6/2002	9/11/2002	2/3/2003	6/25/2003	1/29/2004	7/22/2004	3/8/2006		4/3/2008	7/21/2008	10/5/2008	12/3/2009	6/17/2010
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal		Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-9T_7/12/2001	PDMW-9T_2/6/2002	PDMW-9T_9/11/2002	PDMW-9T_2/3/2003	PDMW-9T_6/25/2003	PDMW-9T_1/29/2004	PDMW-9T_7/22/2004	PDMW-9T Filtered_3/8/2006	PDMW-9T Unfiltered_3/8/2006	PDMW-9T_4/3/2008	PDMW-9T_7/21/2008	PDMW-9T_10/5/2008	PDMW-9T_12/3/2009	PDMW-9T_6/17/2010
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.19 U	0.23	0.23	0.47	0.37	0.43	0.51
	ACENAPHTHYLENE	1.4	1	510	ug/L	1 U	*1.6*	0.22	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	FLUORANTHENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	FLUORENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.4	0.19 U	0.75 U	0.38 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	0.2 U	0.2 U	0.21	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	NAPHTHALENE	1	20	20	ug/L	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	PYRENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	TOTAL PAHs	--	--	--	ug/L	ND	1.6	0.22	ND	0.21	ND	0.2	ND	0.23	0.23	0.87	0.37	0.43	0.7
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	1 U	2 U	2 U	2 U	2 U	2 U	2 U	NA	2 U	2 U	2 U	2 U	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U	10 U	NA	NA	10 U
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	*0.037*	*0.024*	*0.062*	*0.024*	*0.061*	*0.037*	*0.072*	*0.019*	0.018	*0.019*	*0.02*	0.017	0.02 U	0.02 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.01 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.01 U	NA	NA	NA	NA	NA	*0.019*	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	0.01 U	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	0.04 U	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	0.02 U	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	*120*	*100*	*200*	*130*	*44*	*170*	*180*	NA	*120*	*170*	*170*	*120*	16	*93*
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-9T				PDMW-10R						PDMW-10T			
					Sample Date:	12/14/2010	6/15/2011	12/5/2011	12/21/2011	4/2/2008	7/19/2008	10/8/2008	12/3/2009	6/17/2010	6/14/2011	10/23/1997	8/11/1999	11/17/1999	2/24/2000
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-9T_12/14/2010	PDMW-9T-061511	PDMW-9T-12052011	PDMW-9T_12212011	PDMW-10R_4/2/2008	PDMW-10R_7/19/2008	PDMW-10R_10/8/2008	PDMW-10R_12/3/2009	PDMW-10R_6/17/2010	PDMW-10R-061411	PDMW-10T_10/23/1997	PDMW-10T_8/11/1999	PDMW-10T_11/17/1999	PDMW-10T_2/24/2000
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	NA	NA	NA	NA	0.19 U	0.19 U	0.54	0.66	2.8 J	NA	1 U	1 U	1 U	1 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	NA	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.2 UJ	NA	1 U	1 U	1 U	1 U
	ANTHRACENE	0.2	0.2	5100	ug/L	NA	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.2 UJ	NA	0.2 U	0.2 U	*0.22*	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	NA	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.2 UJ	NA	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	NA	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.2 UJ	NA	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	NA	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.2 UJ	NA	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	NA	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.2 UJ	NA	0.5 U	NA	NA	NA
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	NA	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.2 UJ	NA	0.5 U	NA	NA	NA
	CHRYSENE	0.2	0.2	65	ug/L	NA	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.2 UJ	NA	0.2 U	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	NA	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.2 UJ	NA	1 U	NA	NA	NA
	FLUORANTHENE	0.5	1000	--	ug/L	NA	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.2 UJ	NA	0.5 U	0.5 U	0.5 U	0.5 U
	FLUORENE	0.5	1000	--	ug/L	NA	NA	NA	NA	0.19 U	0.23	0.19 U	0.19 U*	1.4 J	NA	0.5 U	1.1 J	0.98	0.5 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	NA	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.2 UJ	NA	0.5 U	NA	NA	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.76 U	0.2 UJ	NA	NA	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.2 UJ	NA	NA	NA	NA	NA
	NAPHTHALENE	1	20	20	ug/L	NA	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.2 UJ	NA	5.4	1 U	1 U	1 U
	PHENANTHRENE	0.22	0.2	510	ug/L	NA	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.2 UJ	NA	*0.79*	0.2 U	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	NA	NA	NA	NA	0.19 U	0.19 U	0.19 U	0.19 U	0.2 UJ	NA	0.5 U	0.5 U	0.5 U	0.5 U
	TOTAL PAHs	--	--	--	ug/L	NA	NA	NA	NA	ND	0.23	0.54	0.66	4.2	NA	6.19	1.1	1.2	ND
VOCs	BENZENE	1	5	31.2	ug/L	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	NA	*6*	1 U	1 U	*18*
	ETHYLBENZENE	1	700	--	ug/L	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	5.5
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.2	1 U	1 U
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U
	TOLUENE	1	1000	1900	ug/L	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	NA	5.3	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	NA	NA	NA	NA	2 U	2 U	2 U	2 U	2 U	NA	5.9	1.2	1 U	1 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	10 U	10 U	NA	NA	10 U	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	NA	NA	NA	NA	ND	ND	ND	ND	ND	NA	17.2	1.2	ND	23.5
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.018 U	0.018 U	NA	0.018 U	0.01 U	0.01 U	0.01 U	0.02 U	0.02 U	NA	0.01 U	0.015	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.01 U	0.01 U	NA	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	NA	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	0.02 U	0.032	0.02 U	0.02 U	0.02 U	NA	0.02 U	0.02 U	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	0.005 U
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.04 U	0.04 U
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U	0.02 U
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	*180*	*170*	*140*	NA	13	15	18	9.9	13	16	NA	2.1	14	7.5
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-10T												PDMW-11P	PDMW-11R
					Sample Date:	5/16/2000	8/22/2000	1/10/2001	7/16/2001	2/6/2002	9/12/2002	2/5/2003	6/24/2003	1/29/2004	7/21/2004		3/7/2006	10/28/1997	2/24/2000
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Dup	Normal	Normal	Normal
					Sample ID:	PDMW-10T _5/16/2000	PDMW-10T _8/22/2000	PDMW-10T _1/10/2001	PDMW-10T _7/16/2001	PDMW-10T _2/6/2002	PDMW-10T _9/12/2002	PDMW-10T _2/5/2003	PDMW-10T _6/24/2003	PDMW-10T _1/29/2004	PDMW-10T _7/21/2004	PDMW-10T (DUP) _7/21/2004	PDMW-10T _3/7/2006	PDMW-11P _10/28/1997	PDMW-11R _2/24/2000
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.43	0.2 U	0.2 U	0.2 U	1.9 U	1 U	1 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	1 U	1 U	*2*	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.9 U	1 U	1 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.9 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.9 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.9 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.9 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.9 U	0.5 U	NA
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	NA	NA	NA	NA	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.9 U	0.5 U	NA
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.9 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	NA	NA	NA	NA	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.9 U	1 U	NA
	FLUORANTHENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.9 U	0.5 U	0.5 U
	FLUORENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.7	0.86	0.5 U	1 U	0.39	0.71	0.34	0.58	0.49	1.9 U	0.5 U	0.5 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	NA	NA	NA	NA	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.9 U	0.5 U	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.9 U	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.9 U	NA	NA
	NAPHTHALENE	1	20	20	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.9 U	1 U	1 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.02 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.9 U	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.9 U	0.5 U	0.5 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	2.7	0.86	ND	ND	0.39	1.14	0.34	0.58	0.49	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	*13*	1 U	1 U	1 U	2.6	1 U	3.8	1 U	1.3	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	3	1 U	1 U	1 U	1 U	1 U	1.2	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	1 U	1 U	1.2	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	1 U
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	1 U	1 U	1.1	1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	1 U
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1.5	1 U	1.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	1 U	1 U	2.3	1.1	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	18.3	2.6	ND	1.1	2.6	ND	5	ND	1.3	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.012	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.14
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.04 U
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.13
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	3.8	18	0.49	11	14	9.4	0.49	3.6	0.52	3.7	4.1	4.7	NA	8.6
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-11R													PDMW-12P	
					Sample Date:	5/16/2000	8/22/2000	1/10/2001	7/12/2001	2/6/2002	9/12/2002	2/5/2003		6/24/2003	1/29/2004	7/22/2004	3/7/2006	10/28/1997	8/9/1999
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Dup	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-11R_5/16/2000	PDMW-11R_8/22/2000	PDMW-11R_1/10/2001	PDMW-11R_7/12/2001	PDMW-11R_2/6/2002	PDMW-11R_9/12/2002	PDMW-11R_2/5/2003	PDMW-11R_DUP_2/5/2003	PDMW-11R_6/24/2003	PDMW-11R_1/29/2004	PDMW-11R_7/22/2004	PDMW-11R_3/7/2006	PDMW-12P_10/28/1997	PDMW-12P_8/9/1999
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	1 U	1 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	1 U	1 U	1 U	1	*5.8*	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	1 U	1 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	NA	NA	NA	NA	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.5 U	NA
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.5 U	NA
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	NA	NA	NA	NA	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U
	FLUORANTHENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	1 U	NA
	FLUORENE	0.5	1000	--	ug/L	0.63	1	0.5 U	0.55	0.5 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.5 U	0.5 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	NA	NA	NA	NA	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.5 U	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	NA	NA
	NAPHTHALENE	1	20	20	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	1 U	1 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	*0.34*	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	*0.22*	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.2 U	0.2 U	0.23	0.2 U	0.2 U	0.19 U	0.5 U	0.5 U
	TOTAL PAHs	--	--	--	ug/L	0.63	1.34	ND	1.55	5.8	ND	ND	ND	0.23	ND	ND	ND	0.22	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	1 U	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	1 U
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U
	O-XYLENE	--	--	--	ug/L	1 U	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	1 U
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	1 U	1 U	1 U	1 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.015	*0.02*	0.01 U	*0.022*	0.018	0.016	0.011	0.01 U	0.016	0.01 U	0.012	0.012	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.01 U	NA	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	13	12	2.4	5	3.6	0.53	0.56	0.4	0.61	0.035	0.85	0.41	NA	3.2
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

						Location:	PDMW-12P													
						Sample Date:	11/17/1999	2/23/2000	5/15/2000	8/22/2000	1/9/2001	7/12/2001	2/5/2002	9/12/2002	2/5/2003	6/27/2003	1/29/2004	7/23/2004	3/7/2006	4/1/2008
						Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
						Sample ID:	PDMW-12P_11/17/1999	PDMW-12P_2/23/2000	PDMW-12P_5/15/2000	PDMW-12P_8/22/2000	PDMW-12P_1/9/2001	PDMW-12P_7/12/2001	PDMW-12P_2/5/2002	PDMW-12P_9/12/2002	PDMW-12P_2/5/2003	PDMW-12P_6/27/2003	PDMW-12P_1/29/2004	PDMW-12P_7/23/2004	PDMW-12P_3/7/2006	PDMW-12P_4/1/2008
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L		1 U	1 U	1 U	1 U	1 U	1 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
	ACENAPHTHYLENE	1.4	1	510	ug/L		1 U	1 U	1 U	1 U	1 U	*1.4*	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
	ANTHRACENE	0.2	0.2	5100	ug/L		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L		NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L		NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
	CHRYSENE	0.2	0.2	65	ug/L		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L		NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
	FLUORANTHENE	0.5	1000	--	ug/L		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
	FLUORENE	0.5	1000	--	ug/L		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L		NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L		NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L		NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
	NAPHTHALENE	1	20	20	ug/L		1 U	1 U	1 U	1 U	1 U	1 U	NA	0.2 U	0.2 U	0.2 U	0.24	0.2 U	0.19 U	0.19 U
	PHENANTHRENE	0.22	0.2	510	ug/L		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
	PYRENE	0.5	1000	--	ug/L		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
	TOTAL PAHs	--	--	--	ug/L		ND	ND	ND	ND	ND	1.4	NA	ND	ND	ND	0.24	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L		1 U	1 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L		1 U	1 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L		1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L		1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L		1 U	1 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L		1 U	1 U	1 U	1 U	1 U	1 U	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U
	TOTAL BTEX	--	--	--	ug/L		ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.018	0.01 U	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	*0.016*	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L		0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L		0.02 U	0.02 U	0.02 U	0.02 U	0.059	0.02 U	NA	0.02 U	0.02 U	0.02 U	0.11	0.053	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L		0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L		0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L		0.005 U	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L		0.04 U	0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L		0.02 U	0.02 U	NA	NA	0.065	NA	0.26	NA	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l		3.6	0.66	2.1	8.6	0.15	1.7	NA	3.3	0.83	3.3	0.5	2.4	0.23	0.22
	BICARBONATE	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-12P					PDMW-13P								
					Sample Date:	7/19/2008	10/9/2008	12/3/2009	6/18/2010	6/16/2011	10/28/1997	8/9/1999	11/18/1999	2/25/2000	5/16/2000	8/22/2000	1/9/2001	7/16/2001	2/5/2002
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-12P_7/19/2008	PDMW-12P_10/9/2008	PDMW-12P_12/3/2009	PDMW-12P_6/18/2010	PDMW-12P_061611	PDMW-13P_10/28/1997	PDMW-13P_8/9/1999	PDMW-13P_11/18/1999	PDMW-13P_2/25/2000	PDMW-13P_5/16/2000	PDMW-13P_8/22/2000	PDMW-13P_1/9/2001	PDMW-13P_7/16/2001	PDMW-13P_2/5/2002
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.19 U	3.9 U	0.19 U	0.19 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.19 U	3.9 U	0.19 U	0.19 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
	ANTHRACENE	0.2	0.2	5100	ug/L	0.19 U	3.9 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.19 U	3.9 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.19 U	3.9 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.19 U	3.9 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.19 U	3.9 U	0.19 U	0.19 U	NA	0.5 U	NA	NA	NA	NA	NA	NA	NA	NA
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.19 U	3.9 U	0.19 U	0.19 U	NA	0.5 U	NA	NA	NA	NA	NA	NA	NA	NA
	CHRYSENE	0.2	0.2	65	ug/L	0.19 U	3.9 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.19 U	3.9 U	0.19 U	0.19 U	NA	1 U	NA	NA	NA	NA	NA	NA	NA	NA
	FLUORANTHENE	0.5	1000	--	ug/L	0.19 U	3.9 U	0.19 U	0.19 U	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
	FLUORENE	0.5	1000	--	ug/L	0.19 U	3.9 U	0.19 U*	0.19 U	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.19 U	3.9 U	0.19 U	0.19 U	NA	0.5 U	NA	NA	NA	NA	NA	NA	NA	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.19 U	3.9 U	0.76 U	0.38 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.19 U	3.9 U	0.19 U	0.19 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NAPHTHALENE	1	20	20	ug/L	0.19 U	3.9 U	0.19 U	0.19 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
	PHENANTHRENE	0.22	0.2	510	ug/L	0.19 U	3.9 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA
	PYRENE	0.5	1000	--	ug/L	0.19 U	3.9 U	0.19 U	0.19 U	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	5 U	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 U	2 U	NA	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	10 U	NA	NA	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.01 U	0.02 U	0.02 U	NA	0.0137	0.018	0.01 U	0.01 U	0.01 U	0.015	0.01 U	0.011	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.01 U	0.01 U	0.01 U	0.005 U	0.0071	0.0063 U	0.005 U	0.005 U	0.015	0.043	0.012	NA
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	NA
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	NA	0.0429	0.021	0.02 U	0.02 U	0.02 U	0.02 U	0.054	0.02 U	NA
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA	0.01 U	NA	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.05
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	0.04 U	0.04 U	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	0.021 U	0.022 U	NA	NA	0.051	NA	0.11
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	0.7	0.69	0.14	1.1	NA	NA	5.5	3.7	5.9	4.2	4	0.92	5.6	NA
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-13P												
					Sample Date:	9/11/2002		2/5/2003	6/26/2003	1/29/2004	7/22/2004	3/5/2006	4/2/2008	7/19/2008	10/9/2008	12/1/2009	6/18/2010	12/16/2010	6/14/2011
					Sample Type:	Normal	Dup	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-13P_9/11/2002	PDMW-13P (DUP)_9/11/2002	PDMW-13P_2/5/2003	PDMW-13P_6/26/2003	PDMW-13P_1/29/2004	PDMW-13P_7/22/2004	PDMW-13P_3/5/2006	PDMW-13P_4/2/2008	PDMW-13P_7/19/2008	PDMW-13P_10/9/2008	PDMW-13P_12/1/2009	PDMW-13P_6/18/2010	PDMW-13P_12/16/2010	PDMW-13P_061411
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	FLUORANTHENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	FLUORENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.78 U	0.38 U	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	NAPHTHALENE	1	20	20	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	PYRENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NA	NA
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	10 U	10 U	10 U	NA	NA	10 U	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.015	0.015	0.01	0.011	0.016	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.02 U	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	*0.084*	0.0085	*0.21*	0.011	0.005 U	0.005 U	*0.13*	0.014	0.01 U	0.01 U	0.013	*0.28*
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	NA	NA
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.029	0.033	0.064	0.045	0.24	0.041	0.02 U	0.02 U	0.061	0.02 U	0.029	0.02 U	NA	NA
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.04 U	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	8.9	8.9	0.046	4.1	0.18	4.3	1.8	3.9	1.8	1.6	1.4	2.6	NA	1.1
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-13P	PDMW-14T												
					Sample Date:	12/5/2011	10/31/1997	8/10/1999	11/16/1999	2/24/2000	5/16/2000	8/22/2000	1/10/2001	7/10/2001	9/13/2002		2/4/2003	6/24/2003	1/27/2004
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Dup	Normal	Normal	Normal
					Sample ID:	PDMW-13P-12052011	PDMW-14T_10/31/1997	PDMW-14T_8/10/1999	PDMW-14T_11/16/1999	PDMW-14T_2/24/2000	PDMW-14T_5/16/2000	PDMW-14T_8/22/2000	PDMW-14T_1/10/2001	PDMW-14T_7/10/2001	PDMW-14T_9/13/2002	PDMW-14T (DUP)_9/13/2002	PDMW-14T_2/4/2003	PDMW-14T_6/24/2003	PDMW-14T_1/27/2004
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	NA	380	270 D	330	240	210	440	520	450 D	290	220	290	310	300
	ACENAPHTHYLENE	1.4	1	510	ug/L	NA	*170*	*80 D*	*98*	*24*	*52*	*100*	*100*	*20*	20 U	20 U	20 U	20 U	20 U
	ANTHRACENE	0.2	0.2	5100	ug/L	NA	*32*	*15 D*	*17*	*10*	*13*	*24*	*48*	*25*	20 U	20 U	20 U	20 U	*21*
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	NA	10 U	*0.21*	8 U	2 U	10 U	2 U	20 U	2 U	20 U	20 U	20 U	20 U	20 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	NA	10 U	0.2 U	8 U	2 U	10 U	2 U	20 U	2 U	20 U	20 U	20 U	20 U	20 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	NA	10 U	0.2 U	8 U	2 U	10 U	2 U	20 U	2 U	20 U	20 U	20 U	20 U	20 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	NA	25 U	NA	20 U	NA	NA	NA	NA	NA	20 U	20 U	20 U	20 U	20 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	NA	25 U	NA	8 U	NA	NA	NA	NA	NA	20 U	20 U	20 U	20 U	20 U
	CHRYSENE	0.2	0.2	65	ug/L	NA	10 U	*0.31*	8 U	2 U	10 U	2 U	20 U	2 U	20 U	20 U	20 U	20 U	20 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	NA	50 U	NA	8 U	NA	NA	NA	NA	NA	20 U	20 U	20 U	20 U	20 U
	FLUORANTHENE	0.5	1000	--	ug/L	NA	46	12	20 U	11	25 U	17	50 U	14	22	20 U	20 U	20 U	30
	FLUORENE	0.5	1000	--	ug/L	NA	260	160 D	200	110	120	210	260	270 D	180	130	170	170	170
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	NA	25 U	NA	8 U	NA	NA	NA	NA	NA	20 U	20 U	20 U	20 U	20 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	250	NA	NA	NA	NA	NA	170	130	180	190	200
	2-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	400	NA	NA	NA	NA	NA	22	20 U	20 U	20 U	27
	NAPHTHALENE	1	20	20	ug/L	NA	*6200*	*2100 D*	*4200*	*2500 D*	*2100 D*	*3200*	*2900 D*	*3000 D*	*1500*	*1400*	*1600*	*1500*	*1000*
	PHENANTHRENE	0.22	0.2	510	ug/L	NA	*360*	*160 D*	*190*	*120 D*	*120*	*230*	*290*	*280 D*	*200*	*140*	*140*	*170*	*180*
	PYRENE	0.5	1000	--	ug/L	NA	26	5.8	20 U	5.2 J	25 U	10	50 U	5 U	20 U	20 U	20 U	20 U	20 U
	TOTAL PAHs	--	--	--	ug/L	NA	7474	2803.32	5685	3020.2	2615	4231	4118	4059	2384	2020	2380	2340	1928
VOCs	BENZENE	1	5	31.2	ug/L	NA	*120*	*110*	*69*	*57*	*44*	*29*	*86*	*120*	*35*	*30*	*49*	*47 D*	*110 D*
	ETHYLBENZENE	1	700	--	ug/L	NA	28	33	25	20	22	19	30	29	12	9.4	8.9	9.4	25
	P/M-XYLENE	--	--	--	ug/L	NA	NA	40	15	31	34	18	37	21	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	25 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	30	35	56	50	14	34	33	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	NA	24	26	12	15	11	4.5	23	31	6.8	5.8	5.6	5.6	20
	XYLENES, TOTAL	2	10000	--	ug/L	NA	250	70	50	87	84	32	71	54	48	40	54	43	54
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	NA	422	239	156	179	161	84.5	210	234	101.8	85.2	117.5	105	209
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	NA	0.0108	0.013	0.01 U	0.01	0.01 U	0.013	0.01 U	0.01 U	0.016	0.014	0.01 U	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.011
	LEAD	0.007	0.015	0.015	mg/l	0.013	0.0057	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0057
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.021	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.023
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	0.01 U	0.01 U	NA	0.01 U	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	0.005 U	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	0.04 U	0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	0.02 U	0.02 U	NA	NA	0.034	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	1.9	NA	*200*	*240*	*140*	*180*	*370*	*190*	*220*	*260*	*250*	*260*	*250*	*260*
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-14T			PDMW-14TR											
					Sample Date:	7/23/2004	3/9/2006	10/7/2008	4/4/2008	7/20/2008		12/5/2009	3/23/2010	6/16/2010	9/14/2010		12/15/2010		6/17/2011
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Dup	Normal	Normal	Normal	Normal	Dup	Normal	Dup	Normal
					Sample ID:	PDMW-14T_7/23/2004	PDMW-14T_3/9/2006	PDMW-14T_10/7/2008	PDMW-14TR_4/4/2008	PDMW-14TR_7/20/2008	PDMW-14TR-DUP_7/20/2008	PDMW-14TR_12/5/2009	PDMW-14TR_3/23/2010	PDMW-14TR_6/16/2010	PDMW-14TR_9/14/2010	PDMW-14TRDUP_9/14/2010	PDMW-14TR_12/15/2010	PDMW-14TRDUP2_12/15/2010	PDMW-14TR_061711
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	130	83	93	97	110 J	67 J	58	45	24	5.9	7	45	93	57
	ACENAPHTHYLENE	1.4	1	510	ug/L	8 U	2.9	3	2.1	2.6 J	1.9 U	1.2	1.9 U	0.95 U	4.5	1.9	1.9 U	9.5 U	1.9 U
	ANTHRACENE	0.2	0.2	5100	ug/L	40	15	14	11	19 J	8.8 J	2.6	3.4	1.6	0.2 U	0.19 U	3.9	9.5 U	5.6 J
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	8.1	2.8	1.9 U	1.9 U	4.5 J	1.9 U	0.97 U	1.9 U	0.95 U	0.57	0.52	1.9 U	9.5 U	1.9 UJ
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	8 U	1 U	1.9 U	1.9 U	2.6 J	1.9 U	0.97 U	1.9 U	0.95 U	0.2	0.2	1.9 U	9.5 U	1.9 UJ
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	8 U	1 U	1.9 U	1.9 U	2.5 J	1.9 U	0.97 U	1.9 U	0.95 U	0.29	0.19	1.9 U	9.5 U	1.9 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	8 U	1 U	1.9 U	1.9 U	1.9 U	1.9 U	0.97 U	1.9 U	0.95 U	0.2 U	0.19 U	1.9 U	9.5 U	1.9 UJ
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	8 U	1.3	1.9 U	1.9 U	1.9 U	1.9 U	0.97 U	1.9 U	0.95 U	0.24	0.19	1.9 U	9.5 U	1.9 UJ
	CHRYSENE	0.2	0.2	65	ug/L	8.6	2.7	1.9 U	1.9 U	5.5 J	1.9 U	1.1	1.9 U	0.95 U	0.65	0.62	1.9 U	9.5 U	1.9 UJ
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	8 U	1 U	1.9 U	1.9 U	1.9 U	1.9 U	0.97 U	1.9 U	0.95 U	0.2 U	0.19 U	1.9 U	9.5 U	1.9 UJ
	FLUORANTHENE	0.5	1000	--	ug/L	59	29	32	25	56 J	26 J	33	26	27	15	12	28	62	28
	FLUORENE	0.5	1000	--	ug/L	120	68	92	85	120 J	68 J	38	40	29	0.31	1.1	49	99	49
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	8 U	1 U	1.9 U	1.9 U	1.9 U	1.9 U	0.97 U	1.9 U	0.95 U	0.2 U	0.19 U	1.9 U	9.5 U	1.9 UJ
	1-METHYLNAPHTHALENE	--	--	--	ug/L	61	34	8.5	6.5	5.7 J	2.5 J	8.7	8	1.9 U	0.4 U	0.38 U	11	23	13
	2-METHYLNAPHTHALENE	--	--	--	ug/L	100	3.2	6.3	2.8	4.6 J	1.9 U	0.97 U	1.9 U	0.95 U	0.2 U	0.19 U	3	9.7	3.2 J
	NAPHTHALENE	1	20	20	ug/L	540 *X	97	170	74	5.4 J	11 J	17	28	0.95 U	0.2 U	0.19 U	160	320	99
	PHENANTHRENE	0.22	0.2	510	ug/L	230	67	8.1	15	42 J	9.1 J	3.3	4.8	0.95 U	0.2 U	0.19 U	16	44	21
	PYRENE	0.5	1000	--	ug/L	33	14	20	17 J	36 J	14 J	16	16	9.8	10	8.2	16	33	19
	TOTAL PAHs	--	--	--	ug/L	1329.7	419.9	446.9	335.4	416.4	206.4	178.9	171.2	91.4	37.66	31.92	331.9	683.7	294.8
VOCs	BENZENE	1	5	31.2	ug/L	7.1	3.2	3.4	3.2	1 U	1 U	1	NA	1 U	NA	NA	NA	NA	2
	ETHYLBENZENE	1	700	--	ug/L	5.2	5	1 U	1 U	1 U	1 U	1 U	NA	1 U	NA	NA	NA	NA	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	4.6	1.2	1 U	1 U	1 U	1 U	1 U	NA	1 U	NA	NA	NA	NA	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	12	4.3	3.6	5.4	2 U	2 U	3.7	NA	2 U	NA	NA	NA	NA	4
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	10 U	NA	10 U	10 U	10 U	NA	NA	10 U	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	28.9	13.7	7	8.6	ND	ND	4.7	NA	ND	NA	NA	NA	NA	6
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	NA	0.02 U	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.014	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/l	0.019	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	NA	0.01 U	NA	NA	NA	NA	0.01 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	NA	0.04 U	NA	NA	NA	NA	NA
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.064	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	0.02 U	NA	NA	NA	NA	NA
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	72	110	190	84	5.5	6.4	66	NA	56	NA	NA	67	61	41
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-14TR	PDMW-15T												
					Sample Date:	12/7/2011	10/27/1997	8/9/1999	11/16/1999	2/25/2000	5/15/2000	8/21/2000	1/9/2001	7/10/2001	9/12/2002	2/5/2003	6/24/2003	1/27/2004	7/20/2004
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-14TR_12072011	PDMW-15T_10/27/1997	PDMW-15T_8/9/1999	PDMW-15T_11/16/1999	PDMW-15T_2/25/2000	PDMW-15T_5/15/2000	PDMW-15T_8/21/2000	PDMW-15T_1/9/2001	PDMW-15T_7/10/2001	PDMW-15T_9/12/2002	PDMW-15T_2/5/2003	PDMW-15T_6/24/2003	PDMW-15T_1/27/2004	PDMW-15T_7/20/2004
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	110	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.26	0.28	0.2 U	0.51
	ACENAPHTHYLENE	1.4	1	510	ug/L	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
	ANTHRACENE	0.2	0.2	5100	ug/L	20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	20 U	0.5 U	NA	0.5 U	NA	NA	NA	NA	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	20 U	0.5 U	NA	0.2 U	NA	NA	NA	NA	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U
	CHRYSENE	0.2	0.2	65	ug/L	20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	20 U	1 U	NA	0.2 U	NA	NA	NA	NA	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U
	FLUORANTHENE	0.5	1000	--	ug/L	40	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
	FLUORENE	0.5	1000	--	ug/L	80	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	20 U	0.5 U	NA	0.2 U	NA	NA	NA	NA	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	46	NA	NA	1 U	NA	NA	NA	NA	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	39	NA	NA	1 U	NA	NA	NA	NA	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U
	NAPHTHALENE	1	20	20	ug/L	*670*	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
	PHENANTHRENE	0.22	0.2	510	ug/L	*74*	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	*0.21*	0.2 U
	PYRENE	0.5	1000	--	ug/L	25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
	TOTAL PAHs	--	--	--	ug/L	1084	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.26	0.28	0.21	0.51
VOCs	BENZENE	1	5	31.2	ug/L	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	NA	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	2 U	2 U	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.011
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	0.02 U	0.02 U	0.02 U	0.13	0.034	0.02 U	0.028	0.02 U	0.02 U	0.052	0.02 U	0.02 U	0.027
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	0.005 U	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	0.04 U	0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	0.02 U	0.08	0.02 U	NA	0.02 U	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	5.9	NA	*61*	*60*	7.2	*71*	27	4.2	18	*97*	*61*	6.2	7	*74*
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

						Location:	PDMW-15T											PDMW-16T		
						Sample Date:	3/5/2006		4/3/2008	7/19/2008	10/7/2008	12/4/2009	6/16/2010	12/16/2010	6/15/2011	12/5/2011		10/31/1997	8/10/1999	11/16/1999
						Sample Type:	Normal		Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Dup	Normal	Normal	Normal
						Sample ID:	PDMW-15T Filtered _3/5/2006	PDMW-15T Unfiltered _3/5/2006	PDMW-15T _4/3/2008	PDMW-15T _7/19/2008	PDMW-15T _10/7/2008	PDMW-15T _12/4/2009	PDMW-15T _6/16/2010	PDMW-15T _12/16/2010	PDMW-15T_061511	PDMW-15T-12052011	DUP-01-12052011	PDMW-16T _10/31/1997	PDMW-16T _8/10/1999	PDMW-16T _11/16/1999
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L		0.98 U	0.96 U	16	5.5	19 U	2.1	1.3	NA	NA	NA	NA	1 U	1 U	1 U
	ACENAPHTHYLENE	1.4	1	510	ug/L		0.98 U	0.96 U	2 U	0.19 U	19 U	1.9 U	0.19 U	NA	NA	NA	NA	1 U	1 U	1 U
	ANTHRACENE	0.2	0.2	5100	ug/L		0.98 U	0.96 U	2 U	0.19 U	19 U	1.9 U	0.19 U	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L		0.98 U	0.96 U	2 U	0.19 U	19 U	1.9 U	0.19 U	NA	NA	NA	NA	0.2 U	*0.49 J*	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L		0.98 U	0.96 U	2 U	0.19 U	19 U	1.9 U	0.19 U	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L		0.98 U	0.96 U	2 U	0.19 U	19 U	1.9 U	0.19 U	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L		0.98 U	0.96 U	2 U	0.19 U	19 U	1.9 U	0.19 U	NA	NA	NA	NA	0.5 U	NA	NA
	BENZO(K)FLUORANTHENE	--	--	--	ug/L		0.98 U	0.96 U	2 U	0.19 U	19 U	1.9 U	0.19 U	NA	NA	NA	NA	0.5 U	NA	NA
	CHRYSENE	0.2	0.2	65	ug/L		0.98 U	0.96 U	2 U	0.19 U	19 U	1.9 U	0.19 U	NA	NA	NA	NA	0.2 U	*0.78*	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L		0.98 U	0.96 U	2 U	0.19 U	19 U	1.9 U	0.19 U	NA	NA	NA	NA	1 U	NA	NA
	FLUORANTHENE	0.5	1000	--	ug/L		0.98 U	0.96 U	2 U	0.19 U	19 U	1.9 U	0.19 U	NA	NA	NA	NA	0.5 U	0.5 U	0.5 U
	FLUORENE	0.5	1000	--	ug/L		0.98 U	0.96 U	8.7	3.1	19 U	1.9 U	0.7	NA	NA	NA	NA	0.5 U	0.5 U	0.5 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L		0.98 U	0.96 U	2 U	0.19 U	19 U	1.9 U	0.19 U	NA	NA	NA	NA	0.5 U	NA	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L		0.98 U	0.96 U	2 U	0.19 U	19 U	7.6 U	0.38 U	NA	NA	NA	NA	NA	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L		0.98 U	0.96 U	2 U	0.19 U	19 U	1.9 U	0.19 U	NA	NA	NA	NA	NA	NA	NA
	NAPHTHALENE	1	20	20	ug/L		0.98 U	0.96 U	2 U	0.19 U	19 U	1.9 U	0.19 U	NA	NA	NA	NA	1 U	1 U	1 U
	PHENANTHRENE	0.22	0.2	510	ug/L		0.98 U	0.96 U	2 U	0.19 U	19 U	1.9 U	0.19 U	NA	NA	NA	NA	0.2 U	*0.41 J*	*0.6*
	PYRENE	0.5	1000	--	ug/L		0.98 U	0.96 U	2 U	0.19 U	19 U	1.9 U	0.19 U	NA	NA	NA	NA	0.5 U	0.5 U	0.5 U
	TOTAL PAHs	--	--	--	ug/L		ND	ND	24.7	8.6	ND	2.1	2	NA	NA	NA	NA	ND	1.68	0.6
VOCs	BENZENE	1	5	31.2	ug/L		NA	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA	*7.8*	*6.9*	*11*
	ETHYLBENZENE	1	700	--	ug/L		NA	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1 U	1 U
	METHYLENE CHLORIDE	--	--	--	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	NA
	O-XYLENE	--	--	--	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1 U	1 U
	TOLUENE	1	1000	1900	ug/L		NA	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA	2.2	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L		NA	2 U	2 U	2 U	2 U	2 U	2 U	NA	NA	NA	NA	12	1 U	1 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L		NA	10 U	10 U	10 U	NA	NA	10 U	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L		NA	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	22	6.9	11
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.02 U	NA	NA	NA	NA	0.01 U	0.011	0.01 U
	BERYLLIUM	--	0.004	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA
	BORON	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA
	CALCIUM	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	NA	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.01 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA
	NICKEL	0.13	0.1	2	mg/L		0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	NA	NA	NA	NA	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.023	0.02 U	NA	NA	NA	NA	0.02 U	0.021	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L		0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U
	BERYLLIUM	--	0.004	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L		0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U
	LEAD	0.007	0.015	0.015	mg/L		0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U
	MERCURY	--	0.002	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L		0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.04 U
	ZINC	0.96	2	31	mg/L		0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U
Miscellaneous	ALKALINITY	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l		NA	*120*	*84*	*85*	*76*	*39*	*40*	*51*	*33*	16	15	NA	*710*	0.88
	BICARBONATE	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

		Location:				PDMW-16T												PDMW-17T		
		Sample Date:				2/24/2000	5/16/2000	8/21/2000	1/9/2001	7/10/2001	2/5/2002	9/12/2002	2/4/2003	6/24/2003	1/27/2004	7/20/2004	10/29/1997	8/9/1999	11/18/1999
		Sample Type:				Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
		Sample ID:				PDMW-16T_2/24/2000	PDMW-16T_5/16/2000	PDMW-16T_8/21/2000	PDMW-16T_1/9/2001	PDMW-16T_7/10/2001	PDMW-16T_2/5/2002	PDMW-16T_9/12/2002	PDMW-16T_2/4/2003	PDMW-16T_6/24/2003	PDMW-16T_1/27/2004	PDMW-16T_7/20/2004	PDMW-17T_10/29/1997	PDMW-17T_8/9/1999	PDMW-17T_11/18/1999
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	1 U	1 U	1 U	.1 U	1 U	NA	1 U	0.38	0.2 U	0.32	0.71	1 U	1 U	1 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	1 U	1 U	1 U	2.6	1 U	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.2 U	0.25	0.2 U	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	NA	NA
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	NA	NA
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	NA	NA	NA	NA	NA	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	NA	NA
	FLUORANTHENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U
	FLUORENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA	1 U	0.2	0.2 U	0.25	0.2 U	0.5 U	0.5 U	0.5 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	NA	NA	NA	NA	NA	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	NA	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	3.2	0.78	0.3	2.4	0.2 U	NA	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	NA	NA
	NAPHTHALENE	1	20	20	ug/L	1 U	1 U	1 U	1 U	1 U	NA	1 U	0.26	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	0.2 U	0.22	0.2 U	NA	1 U	0.2 U	0.2 U	0.48	0.2 U	0.2 U	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA	1 U	0.2 U	0.2 U	0.21	0.2 U	0.5 U	0.5 U	0.5 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	3.07	ND	NA	3.2	1.62	0.3	3.66	0.71	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	3.9	1 U	8.4	8.8	8.2	NA	9.1	1.6	15	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1.8	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	NA	1 U	1 U
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	NA
	O-XYLENE	--	--	--	ug/L	1.2	1 U	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	NA	1 U	1 U
	TOLUENE	1	1000	1900	ug/L	1.6	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	1.2	1 U	1 U	1 U	1 U	NA	2 U	2 U	2 U	2 U	2 U	2 U	1 U	1 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	8.5	ND	8.4	8.8	8.2	NA	9.1	1.6	15	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.01 U	0.013	0.01 U	0.023	NA	0.014	0.01 U	0.011	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.016	NA	0.005 U	0.005 U	0.006	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.078	0.06	0.02 U	0.12	0.051	NA	0.045	0.038	0.02 U	0.91	0.02 U	0.02 U	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	NA	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U
	LEAD	0.007	0.015	0.015	mg/L	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.04 U
	ZINC	0.96	2	31	mg/L	0.089	0.065	NA	0.11	NA	0.3	NA	NA	NA	NA	NA	NA	NA	0.02 U
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	110	440	3.7	130	560	NA	430	71	380	12	100	60	73	54
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-17T												
					Sample Date:	2/25/2000	5/15/2000	8/21/2000	1/9/2001	7/12/2001	9/13/2002	2/4/2003	6/24/2003	1/29/2004	7/20/2004	3/6/2006	4/3/2008	7/20/2008	10/6/2008
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-17T_2/25/2000	PDMW-17T_5/15/2000	PDMW-17T_8/21/2000	PDMW-17T_1/9/2001	PDMW-17T_7/12/2001	PDMW-17T_9/13/2002	PDMW-17T_2/4/2003	PDMW-17T_6/24/2003	PDMW-17T_1/29/2004	PDMW-17T_7/20/2004	PDMW-17T_3/6/2006	PDMW-17T_4/3/2008	PDMW-17T_7/20/2008	PDMW-17T_10/6/2008
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	1 U	1 U	1 U	1.3 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	1 U	1 U	1 U	1.3 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.2 U	0.26 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.2 U	0.26 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.2 U	0.26 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.2 U	0.26 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.2 U	0.26 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	FLUORANTHENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.66 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	FLUORENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.66 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	NAPHTHALENE	1	20	20	ug/L	1 U	1 U	1 U	1.3 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	0.2 U	0.26 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	PYRENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.66 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	1 U	1 U	1 U	1 U	1 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U	10 U	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.02 U	0.02 U	0.031	0.02 U	0.02 U	0.02 U	0.02 U	0.027	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.03	NA	NA	0.028	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	29	3.7	*65*	11	*39*	*41*	29	*38*	30	*53*	26	*34*	*49*	*31*
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-17T						PDMW-18T							
					Sample Date:	10/6/2008	12/4/2009	6/19/2010	12/14/2010	6/15/2011	12/7/2011	10/27/1997	8/9/1999	11/17/1999	2/25/2000	5/15/2000	8/21/2000	1/9/2001	7/10/2001
					Sample Type:	Dup	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-17T-DUP_10/6/2008	PDMW-17T_12/4/2009	PDMW-17T_6/19/2010	PDMW-17T_12/14/2010	PDMW-17T_061511	PDMW-17T_12072011	PDMW-18T_10/27/1997	PDMW-18T_8/9/1999	PDMW-18T_11/17/1999	PDMW-18T_2/25/2000	PDMW-18T_5/15/2000	PDMW-18T_8/21/2000	PDMW-18T_1/9/2001	PDMW-18T_7/10/2001
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.19 U	0.19 U	0.19 J	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	0.5 U	NA	NA	NA	NA	NA	NA	NA
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	0.5 U	NA	NA	NA	NA	NA	NA	NA
	CHRYSENE	0.2	0.2	65	ug/L	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	1 U	NA	NA	NA	NA	NA	NA	NA
	FLUORANTHENE	0.5	1000	--	ug/L	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	FLUORENE	0.5	1000	--	ug/L	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	0.5 U	NA	NA	NA	NA	NA	NA	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.19 U	0.76 U	0.38 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NAPHTHALENE	1	20	20	ug/L	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	0.19	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 UJ	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 UJ	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	5 U	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 UJ	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 UJ	NA	NA	NA	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	10 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.02 U	0.02 U	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.01 U	0.01 U	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	NA	NA	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.15	0.02 U	NA	NA	NA	0.02 U	0.02 U	0.02 U	0.028 U	0.02 U	0.13	0.029	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	0.005 U	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.04 U	0.04 U	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U	0.02 U	NA	0.13	0.037	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	32	7.1	30 J	50	55	12	NA	9.1	29	4.8	6.4	1.2	3.4	5
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-18T						PDMW-19P							
					Sample Date:	2/4/2002	9/12/2002	2/5/2003	6/25/2003	1/30/2004	7/21/2004	10/27/1997	8/9/1999	11/17/1999	2/25/2000	5/15/2000	8/21/2000	1/9/2001	7/12/2001
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-18T_2/4/2002	PDMW-18T_9/12/2002	PDMW-18T_2/5/2003	PDMW-18T_6/25/2003	PDMW-18T_1/30/2004	PDMW-18T_7/21/2004	PDMW-19P_10/27/1997	PDMW-19P_8/9/1999	PDMW-19P_11/17/1999	PDMW-19P_2/25/2000	PDMW-19P_5/15/2000	PDMW-19P_8/21/2000	PDMW-19P_1/9/2001	PDMW-19P_7/12/2001
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	NA	NA	NA	NA	NA	NA	NA
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	NA	NA	NA	NA	NA	NA	NA
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	NA	NA	NA	NA	NA	NA	NA
	FLUORANTHENE	0.5	1000	--	ug/L	0.5 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	FLUORENE	0.5	1000	--	ug/L	0.5 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	NA	NA	NA	NA	NA	NA	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	NA	NA	NA	NA	NA	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L	NA	1 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	NA	NA	NA	NA	NA	NA	NA
	NAPHTHALENE	1	20	20	ug/L	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.5 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	5 U	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.023	0.02 U	0.02 U	0.02 U	0.11	0.022	0.02 U	0.02 U	0.02 U	0.02 U	0.14	0.02 U	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	0.005 U	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.04 U	0.04 U	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.031	NA	NA	NA	NA	NA	NA	NA	0.02 U	0.02 U	0.02 U	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	0.83	2.7	2.2	2.6	2	0.49	NA	5.3	12	2.4	6	9.6	4.1	5.9
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-19P													PDMW-20T
					Sample Date:	9/13/2002	2/5/2003	6/24/2003	1/29/2004	7/21/2004	3/7/2006	4/4/2008		7/19/2008	10/8/2008	12/5/2009	6/19/2010	6/17/2011	10/29/1997
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Dup	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-19P_9/13/2002	PDMW-19P_2/5/2003	PDMW-19P_6/24/2003	PDMW-19P_1/29/2004	PDMW-19P_7/21/2004	PDMW-19P_3/7/2006	PDMW-19P_4/4/2008	PDMW-19P DUP_4/4/2008	PDMW-19P_7/19/2008	PDMW-19P_10/8/2008	PDMW-19P_12/5/2009	PDMW-19P_6/19/2010	PDMW-19P_061711	PDMW-20T_10/29/1997
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	1 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	1 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	0.5 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	0.5 U
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	1 U
	FLUORANTHENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	0.5 U
	FLUORENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	0.5 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	0.5 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.76 U	0.38 UJ	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	NA
	NAPHTHALENE	1	20	20	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.27	0.41	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	1 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	0.5 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	0.27	0.41	ND	ND	ND	ND	NA	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	*8.7*
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NA	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	10 U	10 U	10 U	10 U	NA	NA	10 U	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	8.7
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.02 U	NA	0.0102
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.01 U	NA	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	NA	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.02 U	0.02 U	0.028	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	0.0566
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	3.2	3.6	5.1	1.9	5	3	2.8 J	1.7 J	2.2	5.8	1.8	4.9 J	3.9	*1100*
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-20T													
					Sample Date:	8/10/1999	11/17/1999	2/23/2000	5/16/2000	8/22/2000	1/10/2001	7/16/2001	2/7/2002	9/10/2002	2/6/2003	6/26/2003	1/27/2004	7/21/2004	3/7/2006
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-20T_8/10/1999	PDMW-20T_11/17/1999	PDMW-20T_2/23/2000	PDMW-20T_5/16/2000	PDMW-20T_8/22/2000	PDMW-20T_1/10/2001	PDMW-20T_7/16/2001	PDMW-20T_2/7/2002	PDMW-20T_9/10/2002	PDMW-20T_2/6/2003	PDMW-20T_6/26/2003	PDMW-20T_1/27/2004	PDMW-20T_7/21/2004	PDMW-20T_3/7/2006
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	FLUORANTHENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	FLUORENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	NAPHTHALENE	1	20	20	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	PYRENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	4	1.1	1 U	1.3	1 U	1 U	1.2	1 U	1 U	1 U	1 U	1 U	3.2
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
	TOTAL BTEX	--	--	--	ug/L	ND	4	1.1	ND	1.3	ND	ND	1.2	ND	ND	ND	ND	ND	3.2
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	*0.024*	0.01 U	0.013 U	0.015	0.013	0.016	*0.026*	0.018	*0.028*	*0.022*	*0.03*	*0.028*	0.01 U	0.013
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.011	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.18	0.036	0.099	0.032	0.034	0.11	0.14	0.084	0.13	0.36	0.23	0.13	0.24	0.12
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	0.01 U	0.01 U	0.01	0.01 U	0.01 U	0.018	0.01 U	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	0.01 U	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	0.005 U	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	0.04 U	0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	0.02 U	0.047	0.02 U	0.02 U	0.035	0.12	0.039	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	*370*	*340*	*330*	*430*	*400*	6.9	*440*	1.3	3.1	*340*	*260*	*250*	*360*	*760*
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-20T									PDMW-21T				
					Sample Date:	4/1/2008	7/18/2008	10/8/2008		12/7/2009	6/19/2010	12/16/2010	6/16/2011	12/8/2011	10/29/1997	8/9/1999	11/17/1999	2/24/2000	5/16/2000
					Sample Type:	Normal	Normal	Normal	Dup	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-20T_4/1/2008	PDMW-20T_7/18/2008	PDMW-20T_10/8/2008	PDWM-20T-DUP_10/8/2008	PDMW-20T_12/7/2009	PDMW-20T_6/19/2010	PDMW-20T_12/16/2010	PDMW-20T-061611	PDMW-20T_12082011	PDMW-21T_10/29/1997	PDMW-21T_8/9/1999	PDMW-21T_11/17/1999	PDMW-21T_2/24/2000	PDMW-21T_5/16/2000
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	1 U	1 U	1 U	1 U	1 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	1 U	1 U	1 U	1 U	1 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.5 U	NA	NA	NA	NA
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.5 U	NA	NA	NA	NA
	CHRYSENE	0.2	0.2	65	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	1 U	NA	NA	NA	NA
	FLUORANTHENE	0.5	1000	--	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	FLUORENE	0.5	1000	--	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.5 U	NA	NA	NA	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	0.76 U	0.38 UJ	NA	NA	NA	NA	NA	NA	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	NA	NA	NA	NA	NA
	NAPHTHALENE	1	20	20	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	NA	NA	1 U	1 U	1 U	1 U	1 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	2.3	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	NA	NA	NA	2 U	1 U	1 U	1 U	1 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	10 U	10 U	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	2.3	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.014	0.018	*0.025*	*0.024*	0.02 U	*0.02*	*0.019*	*0.028*	*0.026*	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.025 U	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.0075
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	*0.2*	0.078	0.073	*0.12*	0.04 U	NA	NA	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.21	*2.8*	0.66	0.62	1.4	0.16	NA	NA	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	0.018	NA	NA	NA	NA	0.01 U	0.01 U	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.04 U	0.04 U	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U	0.02 U	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	*550*	*220*	*310*	*310*	*39*	*230*	*180*	*260*	*280*	*570*	*270*	*240*	*280*	*280*
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

						Location:	PDMW-21T													
						Sample Date:	8/21/2000	1/9/2001	7/10/2001	2/4/2002	9/11/2002	2/6/2003	6/25/2003	1/27/2004	7/21/2004	3/6/2006	4/1/2008	7/18/2008	10/6/2008	12/4/2009
						Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
						Sample ID:	PDMW-21T _8/21/2000	PDMW-21T _1/9/2001	PDMW-21T _7/10/2001	PDMW-21T _2/4/2002	PDMW-21T _9/11/2002	PDMW-21T _2/6/2003	PDMW-21T _6/25/2003	PDMW-21T _1/27/2004	PDMW-21T _7/21/2004	PDMW-21T _3/6/2006	PDMW-21T _4/1/2008	PDMW-21T _7/18/2008	PDMW-21T _10/6/2008	PDMW-21T _12/4/2009
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L		1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	0.19 U	0.2 U	0.19 U	0.19 U
	ACENAPHTHYLENE	1.4	1	510	ug/L		1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	0.19 U	0.2 U	0.19 U	0.19 U
	ANTHRACENE	0.2	0.2	5100	ug/L		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	0.19 U	0.2 U	0.19 U	0.19 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	0.19 U	0.2 U	0.19 U	0.19 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	0.19 U	0.2 U	0.19 U	0.19 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	0.19 U	0.2 U	0.19 U	0.19 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L		NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	0.19 U	0.2 U	0.19 U	0.19 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L		NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	0.19 U	0.2 U	0.19 U	0.19 U
	CHRYSENE	0.2	0.2	65	ug/L		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	0.19 U	0.2 U	0.19 U	0.19 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L		NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	0.19 U	0.2 U	0.19 U	0.19 U
	FLUORANTHENE	0.5	1000	--	ug/L		0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	0.19 U	0.2 U	0.19 U	0.19 U
	FLUORENE	0.5	1000	--	ug/L		0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	0.19 U	0.2 U	0.19 U	0.19 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L		NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	0.19 U	0.2 U	0.19 U	0.19 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L		NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	0.19 U	0.2 U	0.19 U	0.19 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L		NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	0.19 U	0.2 U	0.19 U	0.76 U
	NAPHTHALENE	1	20	20	ug/L		1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	0.19 U	0.2 U	0.19 U	0.19 U
	PHENANTHRENE	0.22	0.2	510	ug/L		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	0.19 U	0.2 U	0.19 U	0.19 U
	PYRENE	0.5	1000	--	ug/L		0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.96 U	0.19 U	0.2 U	0.19 U	0.19 U
	TOTAL PAHs	--	--	--	ug/L		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L		1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L		1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L		1 U	1 U	1 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U	10 U	NA	NA
	TOTAL BTEX	--	--	--	ug/L		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U
	BERYLLIUM	--	0.004	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U
	MAGNESIUM	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L		0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L		0.02 U	0.02 U	0.02 U	0.046	0.02 U	0.02 U	0.02 U	0.02 U	0.022	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L		NA	NA	NA	0.039	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l		*270*	*180*	*220*	*160*	*220*	*38*	*160*	*92*	4.6	*170*	*130*	*140*	*150*	*130*
	BICARBONATE	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-21T						PDMW-22T							
					Sample Date:	6/19/2010		12/16/2010	6/16/2011		12/5/2011	10/23/1997	8/10/1999	11/17/1999	2/24/2000	5/16/2000	8/22/2000	1/9/2001	7/16/2001
					Sample Type:	Normal	Dup	Normal	Normal	Dup	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-21T_6/19/2010	PDMW-21TDUP_6/19/2010	PDMW-21T_12/16/2010	PDMW-21T-061611	DUP-2-061611	PDMW-21T-12052011	PDMW-22T_10/23/1997	PDMW-22T_8/10/1999	PDMW-22T_11/17/1999	PDMW-22T_2/24/2000	PDMW-22T_5/16/2000	PDMW-22T_8/22/2000	PDMW-22T_1/9/2001	PDMW-22T_7/16/2001
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.19 UJ	0.19 UJ	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.19 UJ	0.19 U	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.19 UJ	0.19 U	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.19 UJ	0.19 U	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.19 UJ	0.19 U	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.19 UJ	0.19 U	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.19 UJ	0.19 U	NA	NA	NA	NA	0.5 U	NA	NA	NA	NA	NA	NA	NA
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.19 UJ	0.19 U	NA	NA	NA	NA	0.5 U	NA	NA	NA	NA	NA	NA	NA
	CHRYSENE	0.2	0.2	65	ug/L	0.19 UJ	0.19 U	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.19 UJ	0.19 U	NA	NA	NA	NA	1 U	NA	NA	NA	NA	NA	NA	NA
	FLUORANTHENE	0.5	1000	--	ug/L	0.19 UJ	0.19 U	NA	NA	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	FLUORENE	0.5	1000	--	ug/L	0.19 UJ	0.19 U	NA	NA	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.19 UJ	0.19 U	NA	NA	NA	NA	0.5 U	NA	NA	NA	NA	NA	NA	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.19 UJ	0.38 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.19 UJ	0.19 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NAPHTHALENE	1	20	20	ug/L	0.19 UJ	0.19 UJ	NA	NA	NA	NA	17	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.19 UJ	0.19 U	NA	NA	NA	NA	0.23	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.19 UJ	0.19 U	NA	NA	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	NA	NA	NA	NA	17.23	ND	ND	ND	ND	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	NA	NA	NA	NA	1.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	5 U	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	NA	NA	NA	NA	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	NA	NA	NA	NA	4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	10 U	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	NA	NA	NA	NA	6.7	ND	ND	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.02 U	0.02 U	NA	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	NA	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.01 U	0.01 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	NA	NA	NA	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.02 U	NA	NA	NA	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	0.02 U	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	0.01 U	NA	NA	NA	NA	NA	NA	NA	0.005 U	0.005 U	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	NA	NA	NA	NA	NA	NA	NA	0.04 U	0.04 U	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	NA	NA	NA	NA	NA	NA	NA	0.02 U	0.02 U	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	110	110	120	150	150	85	NA	46	48	25	36	32	15	39
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-22T													
					Sample Date:	9/13/2002	2/5/2003	6/25/2003	1/27/2004	7/21/2004	3/5/2006	4/1/2008	7/18/2008	10/6/2008	12/2/2009	6/19/2010	12/16/2010	6/14/2011	12/5/2011
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-22T_9/13/2002	PDMW-22T_2/5/2003	PDMW-22T_6/25/2003	PDMW-22T_1/27/2004	PDMW-22T_7/21/2004	PDMW-22T_3/5/2006	PDMW-22T_4/1/2008	PDMW-22T_7/18/2008	PDMW-22T_10/6/2008	PDMW-22T_12/2/2009	PDMW-22T_6/19/2010	PDMW-22T_12/16/2010	PDMW-22T-061411	PDMW-22T-12052011
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.2 U	1 U	0.2 U	2 U	1 U	0.98 U	1.9 U	19 U	19 U	0.19 U	1.9 UJ	NA	NA	NA
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.2 U	1 U	0.2 U	2 U	1 U	0.98 U	1.9 U	19 U	19 U	0.19 U	1.9 UJ	NA	NA	NA
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	1 U	0.2 U	2 U	1 U	0.98 U	1.9 U	19 U	19 U	0.19 U	1.9 UJ	NA	NA	NA
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	1 U	0.2 U	2 U	1 U	0.98 U	1.9 U	19 U	19 U	0.19 U	1.9 UJ	NA	NA	NA
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	1 U	0.2 U	2 U	1 U	0.98 U	1.9 U	19 U	19 U	0.19 U	1.9 UJ	NA	NA	NA
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	1 U	0.2 U	2 U	1 U	0.98 U	1.9 U	19 U	19 U	0.19 U	1.9 UJ	NA	NA	NA
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.2 U	1 U	0.2 U	2 U	1 U	0.98 U	1.9 U	19 U	19 U	0.19 U	1.9 UJ	NA	NA	NA
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.2 U	1 U	0.2 U	2 U	1 U	0.98 U	1.9 U	19 U	19 U	0.19 U	1.9 UJ	NA	NA	NA
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	1 U	0.2 U	2 U	1 U	0.98 U	1.9 U	19 U	19 U	0.19 U	1.9 UJ	NA	NA	NA
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.2 U	1 U	0.2 U	2 U	1 U	0.98 U	1.9 U	19 U	19 U	0.19 U	1.9 UJ	NA	NA	NA
	FLUORANTHENE	0.5	1000	--	ug/L	0.2 U	1 U	0.2 U	2 U	1 U	0.98 U	1.9 U	19 U	19 U	0.19 U	1.9 UJ	NA	NA	NA
	FLUORENE	0.5	1000	--	ug/L	0.2 U	1 U	0.2 U	2 U	1 U	0.98 U	1.9 U	19 U	19 U	0.19 U	1.9 UJ	NA	NA	NA
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.2 U	1 U	0.2 U	2 U	1 U	0.98 U	1.9 U	19 U	19 U	0.19 U	1.9 UJ	NA	NA	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.8	17	2	27	6.9	16	11	94	37	16	3.8 UJ	NA	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	1 U	0.2 U	2 U	1 U	0.98 U	1.9 U	19 U	19 U	0.19 U	1.9 UJ	NA	NA	NA
	NAPHTHALENE	1	20	20	ug/L	0.2 U	1 U	0.2 U	2 U	1 U	0.98 U	1.9 U	19 U	19 U	0.19 U	1.9 UJ	NA	NA	NA
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	1 U	0.2 U	2 U	1 U	0.98 U	1.9 U	19 U	19 U	0.19 U	1.9 UJ	NA	NA	NA
	PYRENE	0.5	1000	--	ug/L	0.2 U	1 U	0.2 U	2 U	1 U	0.98 U	1.9 U	19 U	19 U	0.19 U	1.9 UJ	NA	NA	NA
	TOTAL PAHs	--	--	--	ug/L	0.8	17	2	27	6.9	16	11	94	37	16	ND	NA	NA	NA
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	NA	NA	NA
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	NA	NA	NA
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	NA	NA	NA
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ	NA	NA	NA
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	10 U	10 U	10 U	NA	NA	10 UJ	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.02 U	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.01 U	NA	NA	NA
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	NA	NA	NA
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	29	17	*31*	13	*39*	*34*	30	13	21	28	29 J	*31*	*32*	18
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-23R									PDMW-23T				
					Sample Date:	4/1/2008	7/19/2008	10/8/2008	12/2/2009		6/19/2010	12/15/2010	6/14/2011	12/7/2011	10/23/1997	8/9/1999	11/17/1999	2/24/2000	5/16/2000
					Sample Type:	Normal	Normal	Normal	Normal	Dup	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-23R_4/1/2008	PDMW-23R_7/19/2008	PDMW-23R_10/8/2008	PDMW-23R_12/2/2009	PDMW-23R-DUP_12/2/2009	PDMW-23R_6/19/2010	PDMW-23R_12/15/2010	PDMW-23R-061411	PDMW-23R_12072011	PDMW-23T_10/23/1997	PDMW-23T_8/9/1999	PDMW-23T_11/17/1999	PDMW-23T_2/24/2000	PDMW-23T_5/16/2000
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	1.9 U	1.9 U	19 U	0.19 U	0.19 U	1.9 UJ	1.9 U	0.2 U	0.19 U	1 U	1 U	1 U	1 U	1 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	1.9 U	1.9 U	19 U	0.19 U	0.19 U	1.9 UJ	1.9 U	0.2 U	0.19 U	1 U	1 U	1 U	1 U	1 U
	ANTHRACENE	0.2	0.2	5100	ug/L	1.9 U	1.9 U	19 U	0.19 U	0.19 U	1.9 UJ	1.9 U	0.2 U	0.19 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	1.9 U	1.9 U	19 U	0.19 U	0.19 U	1.9 UJ	1.9 U	0.2 U	0.19 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	1.9 U	1.9 U	19 U	0.19 U	0.19 U	1.9 UJ	1.9 U	0.2 U	0.19 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	1.9 U	1.9 U	19 U	0.19 U	0.19 U	1.9 UJ	1.9 U	0.2 U	0.19 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	1.9 U	1.9 U	19 U	0.19 U	0.19 U	1.9 UJ	1.9 U	0.2 U	0.19 U	0.5 U	NA	NA	NA	NA
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	1.9 U	1.9 U	19 U	0.19 U	0.19 U	1.9 UJ	1.9 U	0.2 U	0.19 U	0.5 U	NA	NA	NA	NA
	CHRYSENE	0.2	0.2	65	ug/L	1.9 U	1.9 U	19 U	0.19 U	0.19 U	1.9 UJ	1.9 U	0.2 U	0.19 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	1.9 U	1.9 U	19 U	0.19 U	0.19 U	1.9 UJ	1.9 U	0.2 U	0.19 U	1 U	NA	NA	NA	NA
	FLUORANTHENE	0.5	1000	--	ug/L	1.9 U	1.9 U	19 U	0.19 U	0.19 U	1.9 UJ	1.9 U	0.2 U	0.19 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	FLUORENE	0.5	1000	--	ug/L	1.9 U	1.9 U	19 U	0.19 U	0.19 U	1.9 UJ	1.9 U	0.2 U	0.19 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	1.9 U	1.9 U	19 U	0.19 U	0.19 U	1.9 UJ	1.9 U	0.2 U	0.19 U	0.5 U	NA	NA	NA	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L	1.9 U	1.9 U	19 U	0.76 U	0.76 U	3.8 UJ	3.8 U	0.4 U	0.38 U	NA	NA	NA	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L	1.9 U	1.9 U	19 U	0.19 U	0.19 U	1.9 UJ	1.9 U	0.2 U	0.19 U	NA	NA	NA	NA	NA
	NAPHTHALENE	1	20	20	ug/L	1.9 U	1.9 U	30	0.19 U	0.19 U	1.9 UJ	1.9 U	0.2 U	0.19 U	1 U	1 U	1 U	1 U	1 U
	PHENANTHRENE	0.22	0.2	510	ug/L	1.9 U	1.9 U	19 U	0.19 U	0.19 U	1.9 UJ	1.9 U	0.2 U	0.19 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	1.9 U	1.9 U	19 U	0.19 U	0.19 U	1.9 UJ	1.9 U	0.2 U	0.19 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 UJ	NA	NA	NA	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 UJ	NA	NA	NA	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 UJ	NA	NA	NA	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 U	2 U	2 U	2 UJ	NA	NA	NA	2 U	1 U	1 U	1 U	1 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	10 U	10 U	NA	NA	NA	10 UJ	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.018	*0.03*	*0.038*	*0.034*	*0.03*	*0.042*	*0.025*	*0.03*	*0.02*	0.0157	0.013	0.01 U	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.012	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	0.0051	0.006	0.005 U	0.0062	0.012
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	NA	NA	NA	0.0519	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.041	0.075	0.037	0.025	0.02 U	0.02 U	NA	NA	NA	0.341	0.27	0.27	0.27	0.29
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	*0.02*	NA	NA	0.01 U	0.01 U	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	0.0068	0.0076
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.04 U	0.04 U	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.28	0.3	0.29
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	0.96	0.65	0.53	2.2	2.2	2.2 J	NA	1.5	NA	NA	0.43	22	6.7	2
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-23T										PDMW-24T			
					Sample Date:	8/22/2000	1/10/2001	7/16/2001	2/5/2002	9/11/2002	2/5/2003	6/27/2003	1/29/2004	7/21/2004	3/7/2006	10/23/1997	8/8/1999	11/18/1999	2/25/2000
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-23T_8/22/2000	PDMW-23T_1/10/2001	PDMW-23T_7/16/2001	PDMW-23T_2/5/2002	PDMW-23T_9/11/2002	PDMW-23T_2/5/2003	PDMW-23T_6/27/2003	PDMW-23T_1/29/2004	PDMW-23T_7/21/2004	PDMW-23T_3/7/2006	PDMW-24T_10/23/1997	PDMW-24T_8/8/1999	PDMW-24T_11/18/1999	PDMW-24T_2/25/2000
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	1 U	1 U	1 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	1 U	1 U	1 U	1 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	1 U	1 U	1 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	1 U	1 U	1 U	1 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.5 U	NA	NA	NA
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.5 U	NA	NA	NA
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	1 U	NA	NA	NA
	FLUORANTHENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.5 U	0.5 U	0.5 U	0.5 U
	FLUORENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.5 U	0.5 U	0.5 U	0.5 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.5 U	NA	NA	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	NA	NA	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	NA	NA	NA	NA
	NAPHTHALENE	1	20	20	ug/L	1 U	1 U	1 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	1 U	1 U	1 U	1 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.5 U	0.5 U	0.5 U	0.5 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	NA	NA
	O-XYLENE	--	--	--	ug/L	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	1 U	1 U	1 U	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U	1 U	1 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.01 U	0.01 U	NA	*0.025*	0.013	0.013	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.012	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.0091	0.005 U	0.005	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.17	0.15	0.12	NA	0.02 U	0.03	0.1	0.021	0.02 U	0.14	0.02 U	0.02 U	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/L	0.0086	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	0.005 U
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.04 U	0.04 U
	ZINC	0.96	2	31	mg/L	0.17	0.13	0.12	0.18	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U	0.02 U
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	0.92	3.8	0.54	NA	1.2	2.8	0.14	0.34	0.93	0.2	NA	3.1	15	3.9
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

						Location:	PDMW-24T													
						Sample Date:	5/16/2000	8/22/2000	1/9/2001	7/16/2001	9/11/2002	2/5/2003	6/26/2003	1/29/2004	7/21/2004	3/5/2006	4/1/2008	7/19/2008		10/9/2008
						Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Dup	Normal
						Sample ID:	PDMW-24T_5/16/2000	PDMW-24T_8/22/2000	PDMW-24T_1/9/2001	PDMW-24T_7/16/2001	PDMW-24T_9/11/2002	PDMW-24T_2/5/2003	PDMW-24T_6/26/2003	PDMW-24T_1/29/2004	PDMW-24T_7/21/2004	PDMW-24T_3/5/2006	PDMW-24T_4/1/2008	PDMW-24T_7/19/2008	PDMW-24T-DUP_7/19/2008	PDMW-24T_10/9/2008
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
	FLUORANTHENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
	FLUORENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
	NAPHTHALENE	1	20	20	ug/L	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	1 U	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	1 U	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	1 U	1 U	1 U	1 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 U	10 U	10 U	10 U	NA
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	3.1	3.5	3.6	3.8	5.8	4.2	4.1	3.4	3.9	0.65	1.7	1.7	1.8	1.4
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-24T		PDMW-25T											
					Sample Date:	12/3/2009	6/18/2010	10/23/1997	8/8/1999	11/17/1999	2/24/2000	5/15/2000	8/21/2000	1/9/2001	7/12/2001	9/12/2002	2/5/2003	6/26/2003	1/29/2004
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-24T_12/3/2009	PDMW-24T_6/18/2010	PDMW-25T_10/23/1997	PDMW-25T_8/8/1999	PDMW-25T_11/17/1999	PDMW-25T_2/24/2000	PDMW-25T_5/15/2000	PDMW-25T_8/21/2000	PDMW-25T_1/9/2001	PDMW-25T_7/12/2001	PDMW-25T_9/12/2002	PDMW-25T_2/5/2003	PDMW-25T_6/26/2003	PDMW-25T_1/29/2004
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.19 U	0.19 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.19 U	0.19 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.19 U	0.19 U	0.5 U	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.19 U	0.19 U	0.5 U	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U
	CHRYSENE	0.2	0.2	65	ug/L	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.19 U	0.19 U	1 U	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U
	FLUORANTHENE	0.5	1000	--	ug/L	0.19 U	0.19 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U
	FLUORENE	0.5	1000	--	ug/L	0.19 U*	0.19 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.19 U	0.19 U	0.5 U	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.76 U	0.38 U	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.19 U	0.19 U	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U
	NAPHTHALENE	1	20	20	ug/L	0.19 U	0.19 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.19 U	0.19 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	2 U	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.02 U	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.01 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.035	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	0.005 U	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	0.04 U	0.04 U	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	0.02 U	0.021	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	1.3	1.5	NA	3.2	14	3.2	1.8	4	0.66	3.3	2.8	5.6	2.6	0.035
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-25T							PDMW-26T						
					Sample Date:	7/22/2004		3/7/2006	4/4/2008	7/19/2008	10/9/2008	12/5/2009	10/30/1997	8/9/1999	11/18/1999	2/25/2000	5/17/2000	8/22/2000	1/10/2001
					Sample Type:	Normal	Dup	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-25T _7/22/2004	PDMW-25T (DUP) _7/22/2004	PDMW-25T _3/7/2006	PDMW-25T _4/4/2008	PDMW-25T _7/19/2008	PDMW-25T _10/9/2008	PDMW-25T _12/5/2009	PDMW-26T _10/30/1997	PDMW-26T _8/9/1999	PDMW-26T _11/18/1999	PDMW-26T _2/25/2000	PDMW-26T _5/17/2000	PDMW-26T _8/22/2000	PDMW-26T _1/10/2001
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.5 U	NA	NA	NA	NA	NA	NA
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.5 U	NA	NA	NA	NA	NA	NA
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	1 U	NA	NA	NA	NA	NA	NA
	FLUORANTHENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	FLUORENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.5 U	NA	NA	NA	NA	NA	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	NA	NA	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	NA	NA	NA	NA
	NAPHTHALENE	1	20	20	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	5 U	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U	0.016	0.016	0.013	*0.02*	*0.022*	*0.026*
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.1	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	0.005 U	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.04 U	0.04 U	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U	0.02 U	0.02 U	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	3.7	3.6	1.6	3.5	3.6	5.4	6.1	*380*	*350*	*440*	*34*	*550*	*740*	*900*
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

						Location:	PDMW-26T													
						Sample Date:	7/16/2001	2/5/2002	9/10/2002	2/5/2003	6/26/2003		1/27/2004	7/20/2004	3/8/2006	4/2/2008	7/18/2008	10/5/2008	12/5/2009	6/18/2010
						Sample Type:	Normal	Normal	Normal	Normal	Normal	Dup	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
						Sample ID:	PDMW-26T_7/16/2001	PDMW-26T_2/5/2002	PDMW-26T_9/10/2002	PDMW-26T_2/5/2003	PDMW-26T_6/26/2003	PDMW-26T (DUP)_6/26/2003	PDMW-26T_1/27/2004	PDMW-26T_7/20/2004	PDMW-26T_3/8/2006	PDMW-26T_4/2/2008	PDMW-26T_7/18/2008	PDMW-26T_10/5/2008	PDMW-26T_12/5/2009	PDMW-26T_6/18/2010
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L		1 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	1.9 U	0.2 U	0.19 U
	ACENAPHTHYLENE	1.4	1	510	ug/L		1 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	1.9 U	0.2 U	0.19 U
	ANTHRACENE	0.2	0.2	5100	ug/L		0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	1.9 U	0.2 U	0.19 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L		0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	1.9 U	0.2 U	0.19 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L		0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	1.9 U	0.2 U	0.19 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L		0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	1.9 U	0.2 U	0.19 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L		NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	1.9 U	0.2 U	0.19 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L		NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	1.9 U	0.2 U	0.19 U
	CHRYSENE	0.2	0.2	65	ug/L		0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	1.9 U	0.2 U	0.19 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L		NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	1.9 U	0.2 U	0.19 U
	FLUORANTHENE	0.5	1000	--	ug/L		0.5 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	1.9 U	0.2 U	0.19 U
	FLUORENE	0.5	1000	--	ug/L		0.5 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	1.9 U	0.2 U	0.19 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L		NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	1.9 U	0.2 U	0.19 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L		NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	1.9 U	0.2 U	0.19 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L		NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	1.9 U	0.8 U	0.38 U
	NAPHTHALENE	1	20	20	ug/L		1 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	1.9 U	0.2 U	0.19 U
	PHENANTHRENE	0.22	0.2	510	ug/L		0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	1.9 U	0.2 U	0.19 U
	PYRENE	0.5	1000	--	ug/L		0.5 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	1.9 U	0.2 U	0.19 U
	TOTAL PAHs	--	--	--	ug/L		ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L		1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1.2	3	1.5	1 U	1.7	2.3
	ETHYLBENZENE	1	700	--	ug/L		1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L		1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L		1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L		1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L		1 U	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U	10 U	NA	NA	10 U
	TOTAL BTEX	--	--	--	ug/L		ND	NA	ND	ND	ND	ND	ND	ND	1.2	3	1.5	ND	1.7	2.3
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L		0.017	NA	0.017	*0.019*	*0.021*	*0.019*	0.017	0.018	*0.02*	*0.029*	*0.027*	*0.024*	*0.034*	*0.045*
	BERYLLIUM	--	0.004	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L		0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l		0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.01 U
	MAGNESIUM	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L		0.04 U	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L		0.02 U	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L		0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA	*0.025*	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	0.04 U	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l		*490*	NA	*540*	*580*	*510*	*320*	*610*	*650*	*710*	*570*	*580*	*560*	*570*	*500*
	BICARBONATE	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-26T				PDMW-27P									
					Sample Date:	6/18/2010	12/16/2010	6/16/2011	12/8/2011	11/4/1997	8/11/1999	11/16/1999	2/23/2000	5/16/2000	8/22/2000	1/10/2001	7/16/2001	2/6/2002	9/12/2002
					Sample Type:	Dup	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-26TDUP_6/18/2010	PDMW-26T_12/16/2010	PDMW-26T-061611	PDMW-26T_12082011	PDMW-27P_11/4/1997	PDMW-27P_8/11/1999	PDMW-27P_11/16/1999	PDMW-27P_2/23/2000	PDMW-27P_5/16/2000	PDMW-27P_8/22/2000	PDMW-27P_1/10/2001	PDMW-27P_7/16/2001	PDMW-27P_2/6/2002	PDMW-27P_9/12/2002
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.19 U	NA	NA	NA	1 U	1.4	1 U	1.2 J	1.9	1.5	1 U	1 U	1 U	1.1
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.19 U	NA	NA	NA	1 U	*5.5*	*3.9*	*4.6*	1 U	*2.1*	*5*	*1.7*	*2.6*	0.2 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.19 U	NA	NA	NA	0.2 U	0.2 U	0.2 U	*0.34*	0.2 U	*0.37*	0.2 U	0.2 U	*0.38*	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.19 U	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.19 U	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.19 U	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.19 U	NA	NA	NA	0.5 U	NA	0.5 U	NA	NA	NA	NA	NA	NA	0.2 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.19 U	NA	NA	NA	0.5 U	NA	0.2 U	NA	NA	NA	NA	NA	NA	0.2 U
	CHRYSENE	0.2	0.2	65	ug/L	0.19 U	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.19 U	NA	NA	NA	1 U	NA	0.2 U	NA	NA	NA	NA	NA	NA	0.2 U
	FLUORANTHENE	0.5	1000	--	ug/L	0.19 U	NA	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U
	FLUORENE	0.5	1000	--	ug/L	0.19 U	NA	NA	NA	1.6	1.3	0.85	0.58 J	0.5 U	0.59	0.5 U	0.5 U	0.5 U	0.2 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.19 U	NA	NA	NA	0.5 U	NA	0.2 U	NA	NA	NA	NA	NA	NA	0.2 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.38 U	NA	NA	NA	NA	NA	1.8 J	NA	NA	NA	NA	NA	NA	0.2 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.19 U	NA	NA	NA	NA	NA	1 U	NA	NA	NA	NA	NA	NA	0.2 U
	NAPHTHALENE	1	20	20	ug/L	0.19 U	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.19 U	NA	NA	NA	*0.78*	0.2 U	0.2 U	*0.28 J*	0.2 U	*0.31*	0.2 U	0.2 U	*0.22 J*	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.19 U	NA	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U
	TOTAL PAHs	--	--	--	ug/L	ND	NA	NA	NA	2.38	8.2	6.55	7	1.9	4.87	5	1.7	3.2	1.1
VOCs	BENZENE	1	5	31.2	ug/L	2.3	NA	NA	NA	1 U	1 U	1 U	1.1	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	NA	NA	NA	1 U	1 U	1 U	1.2	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	5 U	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	1 U	1 U	1.5	1 U	1 U	1.2	1 U	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	NA	NA	NA	1 U	1 U	1.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	NA	NA	NA	4	1 U	1 U	1.5	1 U	1 U	1.2	1 U	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	2.3	NA	NA	NA	4	ND	1.1	3.8	ND	ND	1.2	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	*0.047*	*0.025*	*0.034*	*0.025*	0.01	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.01 U	NA	NA	NA	0.005 U	*0.031*	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	NA	NA	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	NA	NA	NA	0.02 U	0.02 U	0.022 U	0.02 U	0.02 U	0.02 U	0.06	0.02 U	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	0.005 U	0.005 U	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	0.04 U	0.04 U	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	0.02 U	0.02 U	NA	NA	0.02 U	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	*500*	*520*	*570*	*550*	*91*	14	*89*	*73*	*98*	*110*	*56*	*89*	*67*	*92*
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-27P						PDMW-27R							
					Sample Date:	2/4/2003	6/26/2003	1/29/2004	7/20/2004	3/6/2006		4/3/2008	7/20/2008	10/6/2008	12/4/2009	6/18/2010	12/16/2010	6/15/2011	
					Sample Type:	Normal	Normal	Normal	Normal	Normal		Normal	Normal	Normal	Normal	Normal	Normal	Normal	Dup
					Sample ID:	PDMW-27P_2/4/2003	PDMW-27P_6/26/2003	PDMW-27P_1/29/2004	PDMW-27P_7/20/2004	PDMW-27P Filtered_3/6/2006	PDMW-27P Unfiltered_3/6/2006	PDMW-27R_4/3/2008	PDMW-27R_7/20/2008	PDMW-27R_10/6/2008	PDMW-27R_12/4/2009	PDMW-27R_6/18/2010	PDMW-27R_12/16/2010	PDMW-27R_061511	DUP-3_061511
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.83	0.54	0.52	0.2 U	0.19 U	0.53	0.74	0.67	0.84	0.72	0.64 J	NA	NA	NA
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.28	0.19 U	0.19 U	NA	NA	NA
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA
	FLUORANTHENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA
	FLUORENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.41	0.42	0.5	0.37	0.46	NA	NA	NA
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.76 U	0.38 UJ	NA	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	NA	NA
	NAPHTHALENE	1	20	20	ug/L	0.54	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.22	0.19 U	0.19 UJ	NA	NA	NA
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA
	PYRENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA
	TOTAL PAHs	--	--	--	ug/L	1.37	0.54	0.52	ND	ND	0.53	1.15	1.09	1.84	1.09	1.1	NA	NA	NA
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	6.7	NA	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1.2	NA	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 U	2 U	NA	2 U	2 U	2 U	2 U	2 U	2 U	NA	NA	NA
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	10 U	10 U	10 U	NA	NA	10 U	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	7.9	NA	ND	ND	ND	ND	ND	ND	NA	NA	NA
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.01 U	0.01 U	0.013	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	*0.024*	0.018 U	0.018 U	0.018 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.01 U	NA	0.01 U	0.01 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	NA	NA	NA
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.02 U	0.02 U	0.047	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	26	21	0.03 U	*400*	NA	28	*170*	*160*	*140*	*150*	*96*	*98*	*170*	*160*
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-27R		PDMW-29D											
					Sample Date:	12/8/2011		11/2/1997	8/10/1999	11/17/1999	2/23/2000	5/16/2000	8/21/2000	1/9/2001	7/11/2001	2/6/2002	9/10/2002	2/6/2003	
					Sample Type:	Normal	Dup	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Dup
					Sample ID:	PDMW-27R_12082011	DUP-03_12082011	PDMW-29D_11/2/1997	PDMW-29D_8/10/1999	PDMW-29D_11/17/1999	PDMW-29D_2/23/2000	PDMW-29D_5/16/2000	PDMW-29D_8/21/2000	PDMW-29D_1/9/2001	PDMW-29D_7/11/2001	PDMW-29D_2/6/2002	PDMW-29D_9/10/2002	PDMW-29D_2/6/2003	PDMW-29D (DUP)_2/6/2003
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U
	ANTHRACENE	0.2	0.2	5100	ug/L	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	NA	NA	0.5 U	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	NA	NA	0.5 U	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U
	CHRYSENE	0.2	0.2	65	ug/L	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	NA	NA	1 U	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U
	FLUORANTHENE	0.5	1000	--	ug/L	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U
	FLUORENE	0.5	1000	--	ug/L	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	NA	NA	0.5 U	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U
	NAPHTHALENE	1	20	20	ug/L	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2	0.2 U	0.2 U
	PHENANTHRENE	0.22	0.2	510	ug/L	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U
	TOTAL PAHs	--	--	--	ug/L	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.2	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	NA	NA	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	2 U	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.018 U	0.018 U	0.0156	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	0.005 U	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	0.04 U	0.04 U	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	0.02 U	0.02 U	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	150	140	2	10	11	11	12	12	11	11	7.5	0.31	12	13
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-29D												PDMW-28D	
					Sample Date:	6/26/2003	1/27/2004	7/20/2004	3/8/2006	4/2/2008	7/18/2008	10/5/2008	12/5/2009	6/18/2010	12/16/2010	6/15/2011	12/6/2011	11/2/1997	11/8/1997
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-29D_6/26/2003	PDMW-29D_1/27/2004	PDMW-29D_7/20/2004	PDMW-29D_3/8/2006	PDMW-29D_4/2/2008	PDMW-29D_7/18/2008	PDMW-29D_10/5/2008	PDMW-29D_12/5/2009	PDMW-29D_6/18/2010	PDMW-29D_12/16/2010	PDMW-29D_061511	PDMW-29D_12062011	PDMW-28D_11/2/1997	PDMW-28D_11/8/1997
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	1 U	NA
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	1 U	NA
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	NA
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	NA
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	NA
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	NA
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.5 U	NA
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.5 U	NA
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	NA
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	1 U	NA
	FLUORANTHENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.5 U	NA
	FLUORENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.5 U	NA
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.5 U	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.75 U	0.38 U	NA	NA	NA	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	NA	NA
	NAPHTHALENE	1	20	20	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	1 U	NA
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.2 U	NA
	PYRENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	0.5 U	NA
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	NA
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1.3 U	1 U	1 U	1 U	1.3 U	NA	NA	NA	2.3	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NA	NA	NA	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	10 U	10 U	10 U	NA	NA	10 U	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	2.3	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.02 U	NA	NA	NA	0.01 U	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	0.01 U	NA
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.01 U	NA	NA	NA	0.005 U	NA
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	NA	NA	NA	0.04 U	NA
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA	0.0385	NA
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	11	11	0.073	6.8	6.2	8.7	3.9	5.5	580	11	7.5	9.9	0.74	NA
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-28D													
					Sample Date:	8/10/1999	11/18/1999	2/23/2000	5/15/2000	8/21/2000	1/9/2001	7/10/2001	9/13/2002	2/4/2003	6/24/2003	1/26/2004	7/21/2004	3/9/2006	
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	
					Sample ID:	PDMW-28D_8/10/1999	PDMW-28D_11/18/1999	PDMW-28D_2/23/2000	PDMW-28D_5/15/2000	PDMW-28D_8/21/2000	PDMW-28D_1/9/2001	PDMW-28D_7/10/2001	PDMW-28D_9/13/2002	PDMW-28D_2/4/2003	PDMW-28D_6/24/2003	PDMW-28D_1/26/2004	PDMW-28D_7/21/2004	PDMW-28D Filtered_3/9/2006	PDMW-28D Unfiltered_3/9/2006
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	3.4	0.19 U	0.19 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.8 U	0.19 U	0.19 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.8 U	0.19 U	0.19 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.8 U	0.19 U	0.19 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.8 U	0.19 U	0.19 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.8 U	0.19 U	0.19 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.8 U	0.19 U	0.19 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.8 U	0.19 U	0.19 U
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.8 U	0.19 U	0.19 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.8 U	0.19 U	0.19 U
	FLUORANTHENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.8 U	0.19 U	0.19 U
	FLUORENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	2	0.19 U	0.19 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.8 U	0.19 U	0.19 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	2	0.19 U	0.19 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	3.2	0.19 U	0.19 U
	NAPHTHALENE	1	20	20	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	35	0.19 U	0.19 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	3.4	0.19 U	0.19 U
	PYRENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.8 U	0.19 U	0.19 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	49	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	1 U
	P/M-XYLENE	--	--	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	2 U	2 U	2 U	2 U	NA	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	0.005 U	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	0.04 U	0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.04 U	NA
	ZINC	0.96	2	31	mg/L	NA	0.02 U	0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	16	19	14	17	16	17	17	19	18	12	21	22	NA	15
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-30P												PDMW-30R	
					Sample Date:	11/5/1997	5/16/2000	1/10/2001	9/12/2002	2/6/2003	6/26/2003	1/30/2004	3/8/2006	4/4/2008	7/22/2008	10/9/2008	12/3/2009	6/15/2010	12/14/2010
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-30P_11/5/1997	PDMW-30P_5/16/2000	PDMW-30P_1/10/2001	PDMW-30P_9/12/2002	PDMW-30P_2/6/2003	PDMW-30P_6/26/2003	PDMW-30P_1/30/2004	PDMW-30P_3/8/2006	PDMW-30P_4/4/2008	PDMW-30P_7/22/2008	PDMW-30P_10/9/2008	PDMW-30P_12/3/2009	PDMW-30R_6/15/2010	PDMW-30R_12/14/2010
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	NA
	ACENAPHTHYLENE	1.4	1	510	ug/L	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	NA
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	NA
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	NA
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	NA
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	NA
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.5 U	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 UJ	0.2 U	0.19 U	0.19 U	NA
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.5 U	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	NA
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	NA
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	1 U	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	NA
	FLUORANTHENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	NA
	FLUORENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	NA
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.5 U	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.75 U	0.38 U	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	NA
	NAPHTHALENE	1	20	20	ug/L	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	NA
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	NA
	PYRENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	NA
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
	P/M-XYLENE	--	--	--	ug/L	NA	1 U	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	1 U	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	1 U	1 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NA
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	10 U	10 U	10 U	NA	NA	10 U	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.0131	0.018	0.01 U	0.014	0.011	*0.11*	0.012	0.01 U	0.01	*0.035*	0.01 U	0.02 U	0.02 U	0.018 U
	BERYLLIUM	--	0.004	--	mg/L	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.007	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.01 U	NA
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	NA
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.0744	0.049	0.15	0.023	0.02 U	0.02 U	0.02 U	0.02 U	0.12	0.042	0.087	0.036	0.02 U	NA
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	0.02 U	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	0.01 U	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	0.005 U	0.005 U	NA	NA	NA	NA	NA	NA	NA	0.005 U	0.005 U	0.01 U	NA	NA
	MERCURY	--	0.002	--	mg/L	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	0.04 U	0.04 U	0.04 U	NA	NA
	ZINC	0.96	2	31	mg/L	0.0522	0.02 U	0.14	NA	NA	NA	NA	NA	NA	0.02 U	0.089	0.02 U	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	0.037	2.4	0.29	0.27	0.045	0.63	0.11	0.35	0.49	0.54	0.31	0.31	0.69	NA
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-30R			PDMW-31P			PDMW-31R								
					Sample Date:	6/14/2011	12/21/2011		11/6/1997	8/10/1999	11/18/1999	2/23/2000	5/16/2000	8/22/2000	1/10/2001	7/16/2001	2/6/2002	9/12/2002	2/7/2003
					Sample Type:	Normal	Normal	Dup	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-30R-061411	PDMW-30R_12212011	DUP-04_12212011	PDMW-31P_11/6/1997	PDMW-31P_8/10/1999	PDMW-31P_11/18/1999	PDMW-31R_2/23/2000	PDMW-31R_5/16/2000	PDMW-31R_8/22/2000	PDMW-31R_1/10/2001	PDMW-31R_7/16/2001	PDMW-31R_2/6/2002	PDMW-31R_9/12/2002	PDMW-31R_2/7/2003
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	NA	NA	NA	1 U	1 U	*5*	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U
	ANTHRACENE	0.2	0.2	5100	ug/L	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	NA	NA	NA	0.5 U	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	NA	NA	NA	0.5 U	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	CHRYSENE	0.2	0.2	65	ug/L	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	NA	NA	NA	1 U	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	FLUORANTHENE	0.5	1000	--	ug/L	NA	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U
	FLUORENE	0.5	1000	--	ug/L	NA	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	NA	NA	NA	0.5 U	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	NAPHTHALENE	1	20	20	ug/L	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U
	PHENANTHRENE	0.22	0.2	510	ug/L	NA	NA	NA	0.2 U	0.2 U	*0.69*	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	NA	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U
	TOTAL PAHs	--	--	--	ug/L	NA	NA	NA	ND	ND	5.69	ND	ND	ND	ND	ND	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	NA	NA	NA	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.018 U	0.018 U	0.018 U	*0.111*	*0.11*	*0.16*	*0.15*	*0.18*	*0.25*	*0.14*	*0.23*	*0.12*	*0.17*	*0.19*
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	0.0576	0.065	0.18	0.077	0.062	0.096	0.09	0.11	0.088	0.072	0.055
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	0.01 U	0.018	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	0.005 U	0.005 U	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	0.04 U	0.04 U	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	0.09	0.069	0.045	0.086	0.077	0.083	0.076	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	1.5	NA	NA	6.8	30	7.9	3.3	4.3	6.4	4	6.7	11	13	7.6
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-31R					PDMW-31R2								
					Sample Date:	6/26/2003	1/29/2004	7/22/2004	3/8/2006		4/2/2008	7/21/2008		10/8/2008	12/4/2009	6/16/2010	12/15/2010	6/15/2011	12/7/2011
					Sample Type:	Normal	Normal	Normal	Normal		Normal	Normal	Dup	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-31R_6/26/2003	PDMW-31R_1/29/2004	PDMW-31R_7/22/2004	PDMW-31R Filtered_3/8/2006	PDMW-31R Unfiltered_3/8/2006	PDMW-31R2_4/2/2008	PDMW-31R2_7/21/2008	PDMW-31R2 DUP_7/21/2008	PDMW-31R2_10/8/2008	PDMW-31R2_12/4/2009	PDMW-31R2_6/16/2010	PDMW-31R2_12/15/2010	PDMW-31R2-061511	PDMW-31R2_12072011
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA
	FLUORANTHENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA
	FLUORENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.75 U	0.38 U	NA	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA
	NAPHTHALENE	1	20	20	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA
	PYRENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA	NA
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 U	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NA	NA	NA
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	10 U	10 U	10 U	10 U	NA	NA	10 U	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	*0.2*	*0.081*	*0.12*	*0.072*	*0.072*	0.012	*0.019*	*0.019*	0.01 U	0.02 U	0.02 U	0.036 U	0.018 U	0.018 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.01 U	NA	NA	NA
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	NA	NA	NA
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.058	0.081	0.034	0.023	0.023	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	*0.072*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	0.023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	5.4	3	9.5	NA	*32*	12	14	14	15	8.5	16	18	18	13
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-32P			PDMW-32R										
					Sample Date:	11/5/1997	8/9/1999	11/18/1999	2/23/2000	5/16/2000	8/22/2000	1/9/2001	7/16/2001	2/5/2002	9/12/2002	2/6/2003	6/26/2003	1/30/2004	7/22/2004
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-32P_11/5/1997	PDMW-32P_8/9/1999	PDMW-32P_11/18/1999	PDMW-32R_2/23/2000	PDMW-32R_5/16/2000	PDMW-32R_8/22/2000	PDMW-32R_1/9/2001	PDMW-32R_7/16/2001	PDMW-32R_2/5/2002	PDMW-32R_9/12/2002	PDMW-32R_2/6/2003	PDMW-32R_6/26/2003	PDMW-32R_1/30/2004	PDMW-32R_7/22/2004
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.5 U	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.5 U	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	1 U	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	FLUORANTHENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	FLUORENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.5 U	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	NAPHTHALENE	1	20	20	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	2 U	2 U	2 U	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.039	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.0067 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.013	0.0079	0.005 U	***0.13***	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.0472	0.04 U	0.049	***0.12***	0.092	0.04 U	***0.13***	0.04 U	NA	***0.17***	0.09	0.059	0.048	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.342	0.17	0.35	0.74	0.61	0.027	0.96	0.16	NA	***2.1***	0.63	0.47	0.63	0.39
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	0.005 U	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	0.048	***0.13***	0.087	NA	***0.13***	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	0.34	0.79	0.58	0.025	0.87	0.19	0.59	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	1.4	4.4	8	0.31	6.1	13	1.2	***42***	NA	0.64	1.5	1.3	0.83	6.5
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-32R							PDMW-33R							PDMW-33R2
					Sample Date:	3/8/2006	4/4/2008	7/22/2008	10/9/2008	12/7/2009	6/19/2010	6/16/2011	9/10/2002	2/4/2003	6/25/2003	1/29/2004	7/22/2004	3/8/2006	4/4/2008
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-32R_3/8/2006	PDMW-32R_4/4/2008	PDMW-32R_7/22/2008	PDMW-32R_10/9/2008	PDMW-32R_12/7/2009	PDMW-32R_6/19/2010	PDMW-32R-061611	PDMW-33R_9/10/2002	PDMW-33R_2/4/2003	PDMW-33R_6/25/2003	PDMW-33R_1/29/2004	PDMW-33R_7/22/2004	PDMW-33R_3/8/2006	PDMW-33R 2_4/4/2008
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.28	0.2 U	0.19 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.2 U	0.19 U	0.2 UJ	0.19 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	FLUORANTHENE	0.5	1000	--	ug/L	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	FLUORENE	0.5	1000	--	ug/L	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.76 U	0.38 UJ	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	NAPHTHALENE	1	20	20	ug/L	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	PYRENE	0.5	1000	--	ug/L	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	0.28	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	10 U	10 U	10 U	NA	NA	10 U	NA	NA	NA	NA	NA	NA	10 U	10 U
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.02 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.01 U	0.01 U	0.01	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.057	0.057	0.04 U	0.04 U	0.041	0.04 U	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.45	0.7	0.2	0.23	0.49	0.02 U	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	0.12	0.23 U	0.73	3.6	0.23	0.05	2.2	11	8.7	8.2	5.2	14	1.9	14
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-33R2						PDMW-33T	PDMW-34T						
					Sample Date:	7/21/2008	10/9/2008	12/5/2009	6/17/2010	6/14/2011		11/5/1997	11/6/1997	8/9/1999	11/17/1999	2/22/2000	5/15/2000	8/22/2000	1/10/2001
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Dup	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-33R 2_7/21/2008	PDMW-33R 2_10/9/2008	PDMW-33R 2_12/5/2009	PDMW-33R 2_6/17/2010	PDMW-33R2 -061411	Dup-4-061411	PDMW-33T _11/5/1997	PDMW-34T _11/6/1997	PDMW-34T _8/9/1999	PDMW-34T _11/17/1999	PDMW-34T _2/22/2000	PDMW-34T _5/15/2000	PDMW-34T _8/22/2000	PDMW-34T _1/10/2001
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.2 U	0.19 U	0.19 U	0.19 U	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.2 U	0.19 U	0.19 U	0.19 U	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.19 U	0.19 U	0.19 U	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.19 U	0.19 U	0.19 U	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.19 U	0.19 U	0.19 U	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.19 U	0.19 U	0.19 U	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.2 U	0.19 U	0.19 U	0.19 U	NA	NA	0.5 U	0.5 U	NA	NA	NA	NA	NA	NA
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.2 U	0.19 U	0.19 U	0.19 U	NA	NA	0.5 U	0.5 U	NA	NA	NA	NA	NA	NA
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.19 U	0.19 U	0.19 U	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.2 U	0.19 U	0.19 U	0.19 U	NA	NA	1 U	1 U	NA	NA	NA	NA	NA	NA
	FLUORANTHENE	0.5	1000	--	ug/L	0.2 U	0.19 U	0.19 U	0.19 U	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	FLUORENE	0.5	1000	--	ug/L	0.2 U	0.19 U	0.19 U	0.19 U	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.2 U	0.19 U	0.19 U	0.19 U	NA	NA	0.5 U	0.5 U	NA	NA	NA	NA	NA	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.19 U	0.76 U	0.38 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.19 U	0.19 U	0.19 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NAPHTHALENE	1	20	20	ug/L	0.2 U	0.19 U	0.19 U	0.19 U	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.19 U	0.19 U	0.19 U	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.2 U	0.19 U	0.19 U	0.19 U	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	5 U	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 U	2 U	NA	NA	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	10 U	NA	NA	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.01 U	0.02 U	0.02 U	NA	NA	0.01 U	0.01 U	*0.026*	0.017 U	*0.019*	*0.021*	*0.031*	*0.02*
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	0.005 U	0.005 U	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	0.005 U	0.005 U	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.01 U	0.01 U	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	*0.16*
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	0.0002 U	0.0002 U	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	NA	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	0.0736	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	1.9
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	0.005 U	NA	NA	0.005 U
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.04 U	0.04 U	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U	0.02 U	NA	NA	0.02 U
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	19	13	18	8.1	17 J	25 J	0.38	1.7	2.6	2.4	2.4	2.8	3.4	2
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

						Location:	PDMW-34T								PDMW-35P					
						Sample Date:	7/11/2001	2/6/2002	9/12/2002	10/9/2002	2/3/2003	6/27/2003	1/29/2004	7/23/2004	9/11/2002	2/6/2003	6/26/2003	1/30/2004	7/21/2004	3/9/2006
						Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
						Sample ID:	PDMW-34T_7/11/2001	PDMW-34T_2/6/2002	PDMW-34T_9/12/2002	PDMW-34T_10/9/2002	PDMW-34T_2/3/2003	PDMW-34T_6/27/2003	PDMW-34T_1/29/2004	PDMW-34T_7/23/2004	PDMW-35P_9/11/2002	PDMW-35P_2/6/2003	PDMW-35P_6/26/2003	PDMW-35P_1/30/2004	PDMW-35P_7/21/2004	PDMW-35P Filtered_3/9/2006
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	1 U	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	1 U	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	NA	NA	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	NA	NA	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	NA	NA	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
	FLUORANTHENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
	FLUORENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	NA	NA	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
	NAPHTHALENE	1	20	20	ug/L	1 U	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA
	P/M-XYLENE	--	--	--	ug/L	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA
	XYLENES, TOTAL	2	10000	--	ug/L	1 U	2 U	2 U	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NA	NA
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	*0.037*	*0.028*	*0.038*	0.01 U	*0.022*	*0.037*	*0.028*	*0.049*	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.018	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.014	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	NA	0.04 U	0.04 U	0.04 U	0.04 U	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.046	0.02 U	0.02 U	NA	0.02 U	0.02 U	0.02 U	0.02 U	NA	0.02 U	0.025	0.02 U	0.02 U	0.02 U	
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U
	LEAD	0.007	0.015	0.015	mg/L	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.04 U
	ZINC	0.96	2	31	mg/L	0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	3.7	3.7	4.3	NA	3.6	3.4	3.5	5.2	26	7.9	5.5	5.2	8.4	NA	
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-35P							PDMW-36P						
					Sample Date:	3/9/2006	4/3/2008	7/19/2008	10/7/2008	12/7/2009	6/19/2010	6/15/2011	9/12/2002	10/9/2002	2/5/2003	6/24/2003	1/27/2004	7/21/2004	3/8/2006
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-35P Unfiltered _3/9/2006	PDMW-35P _4/3/2008	PDMW-35P _7/19/2008	PDMW-35P _10/7/2008	PDMW-35P _12/7/2009	PDMW-35P _6/19/2010	PDMW-35P-061511	PDMW-36P _9/12/2002	PDMW-36P _10/9/2002	PDMW-36P _2/5/2003	PDMW-36P _6/24/2003	PDMW-36P _1/27/2004	PDMW-36P _7/21/2004	PDMW-36P _3/8/2006
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.21 U	0.26 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.21 U	0.26 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.21 U	0.26 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.21 U	0.26 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.21 U	0.26 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.21 U	0.26 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.21 U	0.26 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.21 U	0.26 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	CHRYSENE	0.2	0.2	65	ug/L	0.21 U	0.26 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.21 U	0.26 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	FLUORANTHENE	0.5	1000	--	ug/L	0.21 U	0.26 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	FLUORENE	0.5	1000	--	ug/L	0.21 U	0.26 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.21 U	0.26 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.21 U	0.26 U	0.19 U	0.19 U	0.75 U	0.38 UJ	NA	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.21 U	0.26 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	NAPHTHALENE	1	20	20	ug/L	0.21 U	0.26 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.21 U	0.26 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	PYRENE	0.5	1000	--	ug/L	0.21 U	0.26 U	0.19 U	0.19 U	0.19 U	0.19 UJ	NA	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 UJ	NA	1 U	NA	1 U	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 UJ	NA	1 U	NA	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1.5 U	1 U	1 U	1 U	1 UJ	NA	1 U	NA	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 U	2 U	2 U	2 UJ	NA	2 U	NA	2 U	2 U	2 U	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	10 U	10 U	10 U	NA	NA	10 UJ	NA	NA	NA	NA	NA	NA	NA	10 U
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.01 U	0.01	0.01 U	0.02 U	0.02 U	NA	*0.064*	0.01 U	0.013	0.018	0.013	0.018	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.01 U	NA	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	NA	0.04 U	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.029	0.02 U	0.02 U	0.021	0.02 U	0.02 U	NA	0.095	NA	0.02 U	0.065	0.057	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	0.005 U	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	0.04 U	0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	0.02 U	0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	1.9	7.2	6.7	3.9	2.8	3.2 J	3.3	12	NA	6.4	3.8	4.8	9.2	3.9
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-36P										PDMW-37P			
					Sample Date:	4/2/2008	7/22/2008	10/7/2008		12/3/2009	6/15/2010	12/14/2010	6/14/2011		12/8/2011	9/13/2002	10/9/2002	2/5/2003	6/26/2003
					Sample Type:	Normal	Normal	Normal	Dup	Normal	Normal	Normal	Normal		Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-36P_4/2/2008	PDMW-36P_7/22/2008	PDMW-36P_10/7/2008	PDMW-36P-DUP_10/7/2008	PDMW-36_12/3/2009	PDMW-36P_6/15/2010	PDMW-36P_12/14/2010	PDMW-36P-061411	PDMW-36P-061411FF	PDMW-36P_12082011	PDMW-37P_9/13/2002	PDMW-37P_10/9/2002	PDMW-37P_2/5/2003	PDMW-37P_6/26/2003
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.19 U	0.2 UJ	0.2 U	0.2 U	0.19 U	0.19 U	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.19 U	0.2 UJ	0.2 U	0.2 U	0.19 U	0.19 U	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.19 U	0.2 UJ	0.2 U	0.2 U	0.19 U	0.19 U	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	CHRYSENE	0.2	0.2	65	ug/L	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.19 U	0.2 UJ	0.2 U	0.2 U	0.19 U	0.19 U	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	FLUORANTHENE	0.5	1000	--	ug/L	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	FLUORENE	0.5	1000	--	ug/L	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U*	0.19 U	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.19 U	0.2 UJ	0.2 U	0.2 U	0.19 U	0.19 U	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.19 U	0.2 UJ	0.2 U	0.2 U	0.75 U	0.38 U	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.19 U	0.2 UJ	0.2 U	0.2 U	0.19 U	0.19 U	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	NAPHTHALENE	1	20	20	ug/L	0.19 U	0.2 UJ	0.2 U	0.2 U	0.19 U	0.19 U	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA	1 U	NA	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA	1 U	NA	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA	1 U	NA	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	NA	NA	NA	NA	2 U	NA	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	10 U	10 U	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	ND	NA	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01	0.01 U	***0.032***	***0.03***	0.02 U	0.02 U	0.018 U	0.072 U	NA	0.018 U	***0.057***	***0.032***	***0.036***	***0.028***
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	NA	0.039	NA	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.01 U	NA	NA	NA	NA	***0.2***	NA	0.005 U	0.0067
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	NA	NA	NA	NA	0.04 U	NA	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.038	0.02 U	0.053	0.06	0.048	0.02 U	NA	NA	NA	NA	0.22	NA	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	***0.021***	NA	NA	0.072 U	0.018 U	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	0.04 U	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	0.02 U	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	7.5	3.7	6.3	6.4	3	6.8	NA	NA	NA	NA	16	NA	21	15
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-37P										PDMW-38P			
					Sample Date:	1/29/2004	7/22/2004	3/8/2006	4/2/2008	7/22/2008		10/7/2008	12/2/2009	6/16/2010	6/14/2011	9/12/2002	2/5/2003	6/24/2003	1/27/2004
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Dup	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-37P_1/29/2004	PDMW-37P_7/22/2004	PDMW-37P_3/8/2006	PDMW-37P_4/2/2008	PDMW-37P_7/22/2008	PDWM-37P DUP_7/22/2008	PDMW-37P_10/7/2008	PDMW-37P_12/2/2009	PDMW-37P_6/16/2010	PDMW-37P-061411	PDMW-38P_9/12/2002	PDMW-38P_2/5/2003	PDMW-38P_6/24/2003	PDMW-38P_1/27/2004
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	NA	0.25	0.2	0.2 U	0.2 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 UJ	0.19 U	0.2 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U
	FLUORANTHENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U
	FLUORENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.75 U	0.38 U	NA	0.2 U	0.2 U	0.2 U	0.2 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U
	NAPHTHALENE	1	20	20	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	NA	0.2 U	0.2 U	0.2 U	0.2 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	0.25	0.2	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NA	2 U	2 U	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	10 U	65	10 U	10 U	NA	NA	10 U	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	*0.031*	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.02 U	0.018 U	0.014	0.01 U	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.01 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	NA	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	0.045	0.02 U	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	19	7.4	1.1	1.9	7.9	8.1	6.8	0.67	8.5	NA	15	17	10	13
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

						Location:	PDMW-38P						PDMW-39					PDMW-40P		
						Sample Date:	7/21/2004	3/8/2006	4/4/2008	7/22/2008	10/7/2008	12/2/2009	9/11/2002	2/7/2003	6/26/2003	1/30/2004	7/22/2004	9/10/2002	2/5/2003	6/24/2003
						Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
						Sample ID:	PDMW-38P_7/21/2004	PDMW-38P_3/8/2006	PDMW-38P_4/4/2008	PDMW-38P_7/22/2008	PDMW-38P_10/7/2008	PDMW-38P_12/2/2009	PDMW-39_9/11/2002	PDMW-39_2/7/2003	PDMW-39_6/26/2003	PDMW-39_1/30/2004	PDMW-39_7/22/2004	PDMW-40P_9/10/2002	PDMW-40P_2/5/2003	PDMW-40P_6/24/2003
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L		0.2 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	3.8	0.38	0.83 U	0.2 U	81	2.9	0.2 U	0.2 U
	ACENAPHTHYLENE	1.4	1	510	ug/L		0.2 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.31 U	0.2 U	0.83 U	0.2 U	4 U	0.2 U	0.2 U	0.2 U
	ANTHRACENE	0.2	0.2	5100	ug/L		0.2 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	*4.3*	*0.7*	0.83 U	0.2 U	4 U	*4.4*	*0.98*	*0.3*
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L		0.2 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.31 U	0.2 U	0.83 U	0.2 U	4 U	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L		0.2 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.31 U	0.2 U	0.83 U	0.2 U	4 U	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L		0.2 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.31 U	0.2 U	0.83 U	0.2 U	4 U	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L		0.2 U	0.19 U	0.19 U	0.2 UJ	0.2 U	0.19 U	0.31 U	0.2 U	0.83 U	0.2 U	4 U	0.2 U	0.2 U	0.2 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L		0.2 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.31 U	0.2 U	0.83 U	0.2 U	4 U	0.2 U	0.2 U	0.2 U
	CHRYSENE	0.2	0.2	65	ug/L		0.2 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.31 U	0.2 U	0.83 U	0.2 U	4 U	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L		0.2 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.31 U	0.2 U	0.83 U	0.2 U	4 U	0.2 U	0.2 U	0.2 U
	FLUORANTHENE	0.5	1000	--	ug/L		0.2 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	1.1	0.2 U	0.83 U	0.2 U	4 U	0.64	0.2 U	0.2 U
	FLUORENE	0.5	1000	--	ug/L		0.2 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	2.4	0.2 U	0.83 U	0.2 U	41	3	0.22	0.2 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L		0.2 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.31 U	0.2 U	0.83 U	0.2 U	4 U	0.2 U	0.2 U	0.2 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L		0.2 U	0.19 U	0.19 U	0.2 U	0.2 U	0.75 U	1.2	0.2 U	0.83 U	0.2 U	44	1.8	0.2 U	0.2 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L		0.2 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.32	0.2 U	0.83 U	0.2 U	4 U	4.1	0.2 U	0.2 U
	NAPHTHALENE	1	20	20	ug/L		0.2 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.65	0.2	0.83 U	0.2 U	*340*	16	0.2 U	0.2 U
	PHENANTHRENE	0.22	0.2	510	ug/L		0.2 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	*6.3*	*0.27*	0.83 U	0.2 U	*43*	*4*	*0.42*	0.2 U
	PYRENE	0.5	1000	--	ug/L		0.2 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.51	0.2 U	0.83 U	0.2 U	4 U	0.23	0.2 U	0.2 U
	TOTAL PAHs	--	--	--	ug/L		ND	ND	ND	ND	ND	ND	20.58	1.55	ND	ND	549	37.07	1.62	0.3
VOCs	BENZENE	1	5	31.2	ug/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	*8.8*	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	7.9	2 U	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L		NA	10 U	10 U	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	16.7	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.032	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	NA	*0.022*	*0.018*	*0.098*	0.005 U	0.005 U	0.005 U	0.005 U
	MAGNESIUM	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L		0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	0.052	0.02	0.077	0.02 U	0.02	0.02 U	0.02 U
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l		11	6.6	8.6	13	13	9.6	0.21	17	15	18	*300*	*40*	*50*	*34*
	BICARBONATE	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-40P			PDMW-40R								PDMW-41		
					Sample Date:	1/27/2004	7/20/2004	3/8/2006	4/3/2008	7/20/2008	10/7/2008	12/5/2009	6/17/2010	12/15/2010	6/16/2011	12/7/2011	2/4/2003	6/25/2003	1/27/2004
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-40P_1/27/2004	PDMW-40P_7/20/2004	PDMW-40P_3/8/2006	PDMW-40R_4/3/2008	PDMW-40R_7/20/2008	PDMW-40R_10/7/2008	PDMW-40R_12/5/2009	PDMW-40R_6/17/2010	PDMW-40R_12/15/2010	PDMW-40R-061611	PDMW-40R_12072011	PDMW-41_2/4/2003	PDMW-41_6/25/2003	PDMW-41_1/27/2004
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	4.4	5.6	4.6	NA	NA	NA	0.2 U	0.2 U	0.2 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	1.9 U	0.19 U	NA	NA	NA	0.2 U	0.2 U	0.2 U
	ANTHRACENE	0.2	0.2	5100	ug/L	*4.3*	*0.55*	*0.68*	0.2 U	0.19 U	0.19 U	1.9 U	0.19 U	NA	NA	NA	0.2 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	1.9 U	0.19 U	NA	NA	NA	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	1.9 U	0.19 U	NA	NA	NA	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	1.9 U	0.19 U	NA	NA	NA	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	1.9 U	0.19 U	NA	NA	NA	0.2 U	0.2 U	0.2 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	1.9 U	0.19 U	NA	NA	NA	0.2 U	0.2 U	0.2 U
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	1.9 U	0.19 U	NA	NA	NA	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	1.9 U	0.19 U	NA	NA	NA	0.2 U	0.2 U	0.2 U
	FLUORANTHENE	0.5	1000	--	ug/L	0.35	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	1.9 U	0.31 U	NA	NA	NA	0.2 U	0.2 U	0.2 U
	FLUORENE	0.5	1000	--	ug/L	0.28	0.2 U	0.19 U	0.2 U	0.19 U	1.7	1.9 U	3	NA	NA	NA	0.2 U	0.2 U	0.2 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	1.9 U	0.19 U	NA	NA	NA	0.2 U	0.2 U	0.2 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	7.6 U	0.39 U	NA	NA	NA	0.2 U	0.2 U	0.2 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	1.9 U	0.19 U	NA	NA	NA	0.2 U	0.2 U	0.2 U
	NAPHTHALENE	1	20	20	ug/L	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	1.9 U	0.19 U	NA	NA	NA	0.2 U	0.2 U	0.2 U
	PHENANTHRENE	0.22	0.2	510	ug/L	*0.48*	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	1.9 U	0.19 U	NA	NA	NA	0.2 U	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L	0.22	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	1.9 U	0.19 U	NA	NA	NA	0.2 U	0.2 U	0.2 U
	TOTAL PAHs	--	--	--	ug/L	5.63	0.55	0.68	ND	ND	6.1	5.6	7.6	NA	NA	NA	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	1 U	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1.7 U	1 U	1 U	1 U	1 U	NA	NA	NA	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NA	NA	NA	2 U	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	10 U	10 U	10 U	NA	NA	10 U	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.02 U	NA	NA	NA	0.01 U	0.015	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.01 U	NA	NA	NA	0.005 U	0.0072	*0.031*
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	NA	NA	NA	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.02 U	0.028	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA	0.02 U	0.02 U	0.039
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	*47*	0.045	*34*	*41*	*45*	*39*	*50*	*41*	*60*	*56*	*38*	6.5	4.4	4.3
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-41		PDMW-42							PDMW-43				
					Sample Date:	7/21/2004	3/8/2006	9/13/2002	2/3/2003	6/24/2003	1/27/2004	7/21/2004	3/9/2006		9/13/2002	2/3/2003	6/24/2003	1/27/2004	7/20/2004
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Dup	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-41_7/21/2004	PDMW-41_3/8/2006	PDMW-42_9/13/2002	PDMW-42_2/3/2003	PDMW-42_6/24/2003	PDMW-42_1/27/2004	PDMW-42_7/21/2004	PDMW-42_3/9/2006	PDMW-42 (DUP)_3/9/2006	PDMW-43_9/13/2002	PDMW-43_2/3/2003	PDMW-43_6/24/2003	PDMW-43_1/27/2004	PDMW-43_7/20/2004
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.2 U	0.2 U	140	91	54	20	31	57	28	340	110	100	0.2 U	89
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.2 U	0.2 U	20 U	20 U	*2.1*	1	8 U	0.94 U	*5*	8 U	2 U	2 U	0.2 U	2 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	20 U	20 U	***4.9***	***2.8***	8 U	***4.3***	0.38 U	***14***	***4.1***	***2.4***	***0.38***	***2.4***
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	20 U	20 U	***1.4***	***2.8***	8 U	0.94 U	0.38 U	8 U	2 U	2 U	0.2 U	2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	20 U	20 U	1 U	*0.62*	8 U	0.94 U	0.38 U	8 U	2 U	2 U	0.2 U	2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	20 U	20 U	1 U	0.4 U	8 U	0.94 U	0.38 U	8 U	2 U	2 U	0.2 U	2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.2 U	0.2 U	20 U	20 U	1 U	0.4 U	8 U	0.94 U	0.38 U	8 U	2 U	2 U	0.2 U	2 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.2 U	0.2 U	20 U	20 U	1 U	1.3	8 U	0.94 U	0.38 U	8 U	2 U	2 U	0.2 U	2 U
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	20 U	20 U	***1.4***	***2.6***	8 U	0.94 U	0.38 U	8 U	2 U	2 U	0.2 U	2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.2 U	0.2 U	20 U	20 U	1 U	0.4 U	8 U	0.94 U	0.38 U	8 U	2 U	2 U	0.2 U	2 U
	FLUORANTHENE	0.5	1000	--	ug/L	0.2 U	0.2 U	20 U	20 U	14	23	22	6.9	5.4	13	4.1	3	0.21	2 U
	FLUORENE	0.5	1000	--	ug/L	0.2 U	0.2 U	73	30	21	8.7	14	18	0.38 U	130	24	25	0.2 U	3.3
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.2 U	0.2 U	20 U	20 U	1 U	0.4 U	8 U	0.94 U	0.38 U	8 U	2 U	2 U	0.2 U	2 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.2 U	87	74	27	1.5	16	23	0.38 U	100	33	28	0.2 U	7.7
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.2 U	0.2 U	100	89	4.5	0.4 U	8 U	0.94 U	0.38 U	31	2	2 U	0.2 U	2 U
	NAPHTHALENE	1	20	20	ug/L	0.2 U	0.2 U	***1100***	***1300***	1 U	3.7	***160***	***90***	0.38 U	8 U	12	9.7	0.2 U	2 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	***120***	***51***	***24***	***4.1***	***19***	***22***	0.38 U	***170***	***29***	***14***	0.2 U	***3.6***
	PYRENE	0.5	1000	--	ug/L	0.2 U	0.2 U	20 U	20 U	10	15	18	3.5	2.3	8 U	2.3	2 U	0.2 U	2 U
	TOTAL PAHs	--	--	--	ug/L	ND	ND	1620	1635	164.3	87.12	280	224.7	40.7	798	220.5	182.1	0.59	106
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	***6***	4.3	1.7	1 U	1 U	1.6	1.8	***15***	***7.8***	4.9	1 U	1 U
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1.9	1.4	1 U	1 U	1 U	1 U	1 U	1.9	1.1	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1.8	1.5	1 U	1 U	1 U	1 U	1 U	4.4	1	1 U	1 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	17	26	11	2 U	2 U	2 U	2.1	2.8	6.4	2 U	2 U	2 U
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	10 U	NA	NA	NA	NA	NA	10 U	10 U	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	26.7	33.2	12.7	ND	ND	1.6	3.9	24.1	16.3	4.9	ND	ND
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	0.01 U	***0.029***	***0.023***	***0.022***	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	***0.016***	0.0091	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	***0.018***	***0.022***
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.056	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.082	0.27
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	4.6	2.9	***650***	***730***	***160***	0.8	***110***	***190***	***150***	***180***	***72***	***80***	0.18	0.055
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	PDMW-43	PDMW-45						PDMW-45P	PDMW-45R					
					Sample Date:	3/8/2006	11/14/2002	2/7/2003	6/27/2003	1/29/2004	7/22/2004	4/3/2006	12/4/2009	4/2/2008	7/22/2008	10/7/2008	6/15/2010	12/14/2010	6/14/2011
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	PDMW-43_3/8/2006	PDMW-45_11/14/2002	PDMW-45_2/7/2003	PDMW-45_6/27/2003	PDMW-45_1/29/2004	PDMW-45_7/22/2004	PDMW-45_4/3/2006	PDMW-45P_12/4/2009	PDMW-45R_4/2/2008	PDMW-45R_7/22/2008	PDMW-45R_10/7/2008	PDMW-45R_6/15/2010	PDMW-45R_12/14/2010	PDMW-45R_061411
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	280	NA	0.2 U	0.2 U	0.2 U	2	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	NA	NA
	ACENAPHTHYLENE	1.4	1	510	ug/L	3.8 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	NA	NA
	ANTHRACENE	0.2	0.2	5100	ug/L	*14*	NA	0.2 U	0.2 U	0.2 U	*0.46*	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	NA	NA
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	3.8 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	NA	NA
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	3.8 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	NA	NA
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	3.8 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	NA	NA
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	3.8 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 UJ	0.2 U	0.2 U	NA	NA
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	3.8 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	NA	NA
	CHRYSENE	0.2	0.2	65	ug/L	3.8 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	NA	NA
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	3.8 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	NA	NA
	FLUORANTHENE	0.5	1000	--	ug/L	14	NA	0.2 U	0.2 U	0.2 U	0.48	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	NA	NA
	FLUORENE	0.5	1000	--	ug/L	120	NA	0.2 U	0.2 U	0.2 U	2.1	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	NA	NA
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	3.8 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	NA	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L	36	NA	0.2 U	0.2 U	0.2 U	0.42	0.19 U	0.75 U	0.19 U	0.19 U	0.2 U	0.4 U	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L	3.8 U	NA	0.2 U	0.2 U	0.2 U	0.69	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	NA	NA
	NAPHTHALENE	1	20	20	ug/L	4.5	NA	0.2 U	0.2 U	0.2 U	1.6	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	NA	NA
	PHENANTHRENE	0.22	0.2	510	ug/L	*62*	NA	0.2 U	0.2 U	0.2 U	*3.6*	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	NA	NA
	PYRENE	0.5	1000	--	ug/L	5.1	NA	0.2 U	0.2 U	0.2 U	0.3	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	NA	NA
	TOTAL PAHs	--	--	--	ug/L	535.6	NA	ND	ND	ND	11.65	ND	ND	ND	ND	ND	ND	NA	NA
VOCs	BENZENE	1	5	31.2	ug/L	1.3	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA
	ETHYLBENZENE	1	700	--	ug/L	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NA	NA
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	10 U	NA	NA	NA	NA	NA	10 U	NA	10 U	10 U	NA	10 U	NA	NA
	TOTAL BTEX	--	--	--	ug/L	1.3	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	*0.031*	0.012	*0.031*	*0.092*	0.01 U	0.01 U	0.02 U	0.01 U	0.01 U	0.01 U	0.02 U	NA	*0.035*
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	NA	0.01 U	0.01 U	0.014	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA
	LEAD	0.007	0.015	0.015	mg/l	*0.075*	NA	0.005 U	0.005 U	*0.049*	0.005 U	0.005 U	0.01 U	0.005 U	0.005 U	0.005 U	0.01 U	0.01 U	0.01 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	NA	NA
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	NA	0.02 U	0.02 U	0.081	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.04 U	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	*110*	NA	17	14	18	14	1.5	0.76	3.8	2	6.6	5.7	NA	NA
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	RT-1	RT-2	RT-3	TMW-1										
					Sample Date:	10/16/2001	1/10/2002	3/8/2002	10/11/1997	8/11/1999		9/28/1999	11/18/1999	2/24/2000	5/16/2000	8/22/2000	1/10/2001	7/16/2001	2/5/2002
					Sample Type:	Normal	Normal	Normal	Normal	Normal		Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
					Sample ID:	RT-1_10/16/2001	RT-2_1/10/2002	RT-3_3/8/2002	TMW-1_10/11/1997	TMM-1_8/11/1999	TMW-1_8/11/1999	TMW-1_9/28/1999	TMW-1_11/18/1999	TMW-1_2/24/2000	TMW-1_5/16/2000	TMW-1_8/22/2000	TMW-1_1/10/2001	TMW-1_7/16/2001	TMW-1_2/5/2002
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	1 U	1 U	1 U	5 U	2.2	1 U	NA	10 U	2.1 J	1 U	1 U	1 U	1 U	NA
	ACENAPHTHYLENE	1.4	1	510	ug/L	***1.1***	1 U	1 U	5 U	1 U	1 U	NA	10 U	1 U	***200 D***	***85***	1 U	***7.4 D***	NA
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	NA	2 U	0.2 U	***0.32 J***	0.2 U	0.2 U	0.2 U	NA
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	NA	2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	NA	2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	NA	2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	NA	NA	NA	2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	NA	NA	NA	2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	NA	2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	NA	NA	NA	5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	FLUORANTHENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	NA	5 U	0.5 U	0.5 U	0.5	0.5 U	0.5 U	NA
	FLUORENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	NA	5 U	0.5 U	0.64 J	0.5 U	0.76	0.5 U	NA
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	NA	NA	NA	2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NAPHTHALENE	1	20	20	ug/L	1.4 J	1 U	1 U	***59***	***54 D***	1 U	NA	***88***	***67 D***	***140 D***	***92***	***110 D***	***110 D***	NA
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	0.2 U	1 U	***0.62***	***0.25***	NA	2 U	***0.54 J***	***1.7***	***1***	***0.69***	***0.35 J***	NA
	PYRENE	0.5	1000	--	ug/L	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	NA	5 U	0.5 U	0.5 U	0.53	0.5 U	0.5 U	NA
	TOTAL PAHs	--	--	--	ug/L	2.5	ND	ND	59	56.82	0.25	NA	88	69.64	342.66	179.03	111.45	117.75	NA
VOCs	BENZENE	1	5	31.2	ug/L	2.5	1 U	1 U	***120***	1 U	***84***	50 U	***120***	***130***	***120***	***140***	***150***	***160***	NA
	ETHYLBENZENE	1	700	--	ug/L	2	1 U	1 U	250	1 U	10 U	570	250	370	490	580	580	650	NA
	P/M-XYLENE	--	--	--	ug/L	NA	1 U	NA	NA	1 U	500	1500	490	840	1300	670	1400	1400	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	5 U	50 U	250 U	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	1 U	NA	NA	1 U	360	50 U	460	880	620	1000	830	880	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	700	1 U	280	***1100***	550	970	***1100***	730	***1300***	950	NA
	XYLENES, TOTAL	2	10000	--	ug/L	2.3	NA	2 U	1000	NA	860	1500	950	1720	1920	1670	2230	2280	NA
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	6.8	ND	ND	2070	ND	1220	3170	1870	3190	3630	3120	4260	4040	NA
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.013	0.01 U	0.01 U	***0.479***	***0.57***	0.01 U	NA	***0.54***	***0.36***	***0.57***	0.01 U	0.01 U	***0.33***	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	80	140	110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.0706	0.1 U	0.01 U	NA	0.095	0.072	0.1	0.01 U	0.01 U	0.055	NA
	LEAD	0.007	0.015	0.015	mg/l	***0.024***	0.0075	NA	***0.0202***	0.05 U	0.005 U	NA	***0.038***	***0.034***	***0.05***	0.005 U	0.005 U	***0.021***	NA
	MAGNESIUM	--	--	--	mg/L	14	65	28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.0442	0.4 U	0.04 U	NA	0.04 U	0.045	0.06	0.04 U	0.04 U	0.042	NA
	POTASSIUM	--	--	--	mg/L	NA	NA	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	110	480	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	0.032	0.074	0.0895	0.2	0.02 U	NA	0.1 U	0.09	0.12	0.02 U	0.02 U	0.12	NA
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	NA	***0.13***	***0.34***	***0.54***	NA	NA	***0.29***	***0.35***
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	0.023	0.067	0.1	NA	NA	0.046	0.046
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	0.0097	***0.04***	***0.055***	NA	NA	***0.018***	0.015
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	0.2 U	0.043	0.061	NA	NA	0.04 U	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	0.031	0.1	0.13	NA	NA	0.13	0.075
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	390	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	360	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	***33***	***90***	***47***	***3500***	***15000***	***170***	NA	***3500***	***5400***	***9400***	***18000***	***3300***	***5300***	NA
	BICARBONATE	--	--	--	mg/L	NA	NA	360	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	1200	3900	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	6.7	6.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	230	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	1100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	TMW-1													
					Sample Date:	9/10/2002	2/5/2003	6/25/2003	1/27/2004	7/23/2004	3/9/2006		4/3/2008	7/18/2008	10/5/2008	12/5/2009		6/18/2010	12/15/2010
					Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Dup	Normal	Normal	Normal	Normal	Dup	Normal	Normal
					Sample ID:	TMW-1_9/10/2002	TMW-1_2/5/2003	TMW-1_6/25/2003	TMW-1_1/27/2004	TMW-1_7/23/2004	TMW-1_3/9/2006	TMW-1 (DUP)_3/9/2006	TMW-1_4/3/2008	TMW-1_7/18/2008	TMW-1_10/5/2008	TMW-1_12/5/2009	TMW-1-DUP_12/5/2009	TMW-1_6/18/2010	TMW-1_12/15/2010
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	2 U	2 U	3.8	2 U	1 U	1 U	0.19 U	1.9 U	0.2 U	0.38 U	0.2 U	0.2 U	1.9 U	1.9 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	2 U	2 U	0.2 U	2 U	1 U	1 U	0.19 U	1.9 U	0.2 U	0.38 U	0.2 U	0.2 U	1.9 U	1.9 U
	ANTHRACENE	0.2	0.2	5100	ug/L	2 U	2 U	*0.26*	2 U	1 U	1 U	0.19 U	1.9 U	0.2 U	0.38 U	0.2 U	0.2 U	0.19 U	1.9 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	2 U	2 U	0.2 U	2 U	1 U	1 U	0.19 U	1.9 U	0.2 U	0.38 U	0.2 U	0.2 U	0.19 U	1.9 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	2 U	2 U	0.2 U	2 U	1 U	1 U	0.19 U	1.9 U	0.2 U	0.38 U	0.2 U	0.2 U	0.19 U	1.9 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	2 U	2 U	0.2 U	2 U	1 U	1 U	0.19 U	1.9 U	0.2 U	0.38 U	0.2 U	0.2 U	0.19 U	1.9 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	2 U	2 U	0.2 U	2 U	1 U	1 U	0.19 U	1.9 U	0.2 U	0.38 U	0.2 U	0.2 U	0.19 U	1.9 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	2 U	2 U	0.2 U	2 U	1 U	1 U	0.19 U	1.9 U	0.2 U	0.38 U	0.2 U	0.2 U	0.19 U	1.9 U
	CHRYSENE	0.2	0.2	65	ug/L	2 U	2 U	0.2 U	2 U	1 U	1 U	0.19 U	1.9 U	0.2 U	0.38 U	0.2 U	0.2 U	0.19 U	1.9 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	2 U	2 U	0.2 U	2 U	1 U	1 U	0.19 U	1.9 U	0.2 U	0.38 U	0.2 U	0.2 U	0.19 U	1.9 U
	FLUORANTHENE	0.5	1000	--	ug/L	2 U	2 U	0.2 U	2 U	1 U	1 U	0.19 U	1.9 U	0.2 U	0.38 U	0.2 U	0.2 U	0.19 U	1.9 U
	FLUORENE	0.5	1000	--	ug/L	2 U	2 U	0.34	2 U	1 U	1 U	0.19 U	1.9 U	0.2 U	0.38 U	0.2 U	0.2 U	0.19 U	1.9 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	2 U	2 U	0.2 U	2 U	1 U	1 U	0.19 U	1.9 U	0.2 U	0.38 U	0.2 U	0.2 U	0.19 U	1.9 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	17	17	18	17	12	22	19	15	2	7 D	1.2	1.2	0.38 U	6.3
	2-METHYLNAPHTHALENE	--	--	--	ug/L	30	31	46 D	28	17	36	29	18	2.1	5.4 D	0.84	0.75	0.19 U	5.1
	NAPHTHALENE	1	20	20	ug/L	*100*	*120*	*140 D*	*92*	*27 *X*	*69*	16	*72*	14	*27 D*	6.4	6.1	1.8	*33*
	PHENANTHRENE	0.22	0.2	510	ug/L	2 U	2 U	*0.46*	2 U	1 U	1 U	0.19 U	1.9 U	0.2 U	0.38 U	0.2 U	0.2 U	0.19 U	1.9 U
	PYRENE	0.5	1000	--	ug/L	2 U	2 U	0.2 U	2 U	1 U	1 U	0.19 U	1.9 U	0.2 U	0.38 U	0.2 U	0.2 U	0.19 U	1.9 U
	TOTAL PAHs	--	--	--	ug/L	147	168	208.86	137	56	127	64	105	18.1	39.4	8.44	8.05	1.8	44.4
VOCs	BENZENE	1	5	31.2	ug/L	*120*	*110*	*90*	*87*	*25*	*18*	*14*	*56*	*47*	*41*	*30*	*21*	*32*	*52*
	ETHYLBENZENE	1	700	--	ug/L	420	530	340	390	1 U	77	21	1.2	12	1 U	1 U	1 U	1 U	1 U
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	450	880	740	750	1.4	140	76	1.5 U	11	1 U	1 U	1 U	1.5 U	1 U
	XYLENES, TOTAL	2	10000	--	ug/L	1500	1900	1400	1400	2 U	310	200	440 D	220	93	22	12	18	120
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	10 U	10 U	10 U	10 U	NA	NA	NA	10 U	NA
	TOTAL BTEX	--	--	--	ug/L	2490	3420	2570	2627	26.4	545	311	497.2	290	134	52	33	50	172
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	*0.35*	*0.43*	*0.34*	*0.33*	*0.32*	*0.37*	*0.36*	*0.058*	*0.082*	*0.045*	0.02 U	0.02 U	0.02 U	*0.14*
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.061	0.075	0.056	0.065	0.063	0.053	0.052	0.01 U	0.014	0.01 U	0.01 U	0.01 U	0.01 U	NA
	LEAD	0.007	0.015	0.015	mg/l	0.025 U	*0.017*	*0.021*	0.025 U	*0.041*	0.014	*0.016*	0.005 U	0.005 U	0.005 U	0.01 U	0.01 U	0.01 U	0.01 U
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.2 U	0.057	0.045	0.2 U	*0.2 U*F*	0.04	0.04	0.063	0.077	0.049	0.04 U	0.04 U	0.04 U	NA
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.59	0.18	0.18	0.64	0.34	0.068	0.07	0.21	0.59	0.16	0.21	0.23	0.036	NA
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	*7600*	*5900*	*7300*	*6700*	NA	*9400*	*8000*	*1400*	*1700*	*1100*	*330*	*350*	*500*	*3200*
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

						Location:	TMW-1					TW2	TMW-4							
						Sample Date:	12/15/2010	6/15/2011		12/6/2011		10/11/1997	10/9/1997	8/10/1999	11/17/1999	2/23/2000	5/16/2000	8/22/2000	1/10/2001	7/16/2001
						Sample Type:	Dup	Normal	Dup	Normal	Dup	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
						Sample ID:	TMW-1 DUP 1_12/15/2010	TMW-1_061511	DUP-1_061511	TMW-1_12062011	DUP-02_12062011	TW 2_10/11/1997	TMW-4_10/9/1997	TMW-4_8/10/1999	TMW-4_11/17/1999	TMW-4_2/23/2000	TMW-4_5/16/2000	TMW-4_8/22/2000	TMW-4_1/10/2001	TMW-4_7/16/2001
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L		0.19 U	1.9 U	1.9 U	1.9 U	1.9 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	ACENAPHTHYLENE	1.4	1	510	ug/L		0.19 U	1.9 U	1.9 U	1.9 U	1.9 U	1 U	1 U	1 U	*1.6*	1 U	1 U	1 U	1 U	1 U
	ANTHRACENE	0.2	0.2	5100	ug/L		0.19 U	1.9 U	1.9 U	1.9 U	1.9 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L		0.19 U	1.9 U	1.9 U	1.9 U	1.9 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L		0.19 U	1.9 U	1.9 U	1.9 UJ	1.9 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L		0.19 U	1.9 U	1.9 U	1.9 U	1.9 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L		0.19 U	1.9 U	1.9 U	1.9 UJ	1.9 UJ	0.5 U	0.5 U	NA	NA	NA	NA	NA	NA	NA
	BENZO(K)FLUORANTHENE	--	--	--	ug/L		0.19 U	1.9 U	1.9 U	1.9 U	1.9 U	0.5 U	0.5 U	NA	NA	NA	NA	NA	NA	NA
	CHRYSENE	0.2	0.2	65	ug/L		0.19 U	1.9 U	1.9 U	1.9 U	1.9 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L		0.19 U	1.9 U	1.9 U	1.9 U	1.9 U	1 U	1 U	NA	NA	NA	NA	NA	NA	NA
	FLUORANTHENE	0.5	1000	--	ug/L		0.19 U	1.9 U	1.9 U	1.9 U	1.9 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	FLUORENE	0.5	1000	--	ug/L		0.19 U	1.9 U	1.9 U	1.9 U	1.9 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L		0.19 U	1.9 U	1.9 U	1.9 U	1.9 U	0.5 U	0.5 U	NA	NA	NA	NA	NA	NA	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L		7	6.6	6.7	9.7	10	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L		5.5	6.6	6.6	13	14	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NAPHTHALENE	1	20	20	ug/L		*37*	*33*	*34*	*52*	*55*	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	PHENANTHRENE	0.22	0.2	510	ug/L		1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	PYRENE	0.5	1000	--	ug/L		1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	TOTAL PAHs	--	--	--	ug/L		49.5	46.2	47.3	74.7	79	ND	ND	ND	1.6	ND	ND	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L		*51*	*42*	*44*	*59*	*60*	1 U	1 U	1 U	1 U	*13*	1 U	1 U	3.9	1 U
	ETHYLBENZENE	1	700	--	ug/L		1 U	1 U	1 U	3.5 J	5.6 J	1 U	1 U	1 U	1 U	12	1.2	1 U	4.3	1 U
	P/M-XYLENE	--	--	--	ug/L		NA	NA	NA	NA	NA	NA	NA	1.2	1 U	1.8	1	1 U	1 U	1 U
	METHYLENE CHLORIDE	--	--	--	ug/L		NA	NA	NA	NA	NA	NA	NA	5 U	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L		NA	NA	NA	NA	NA	NA	NA	1 U	1 U	3.4	1 U	1 U	2.4	3.7
	TOLUENE	1	1000	1900	ug/L		1 U	1 U	1 U	1.8 J	2.8 J	1 U	1 U	1 U	1 U	8	1 U	1 U	1 U	2.4
	XYLENES, TOTAL	2	10000	--	ug/L		110	130	140	210	230	2 U	7.6	1.2	1 U	5.2	1	1 U	2.4	3.7
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L		161	172	184	274.3	298.4	ND	7.6	1.2	ND	38.2	2.2	ND	10.6	6.1
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L		*0.12*	0.072 U	0.072 U	*0.15*	*0.17*	0.01 U	0.01 U	0.014	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	*0.021*
	BERYLLIUM	--	0.004	--	mg/L		NA	NA	NA	NA	NA	0.005 U	0.005 U	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L		NA	NA	NA	NA	NA	0.005 U	0.005 U	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L		NA	NA	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	LEAD	0.007	0.015	0.015	mg/l		0.01 U	0.04 U	0.04 U	0.05 U	0.05 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.014
	MAGNESIUM	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L		NA	NA	NA	NA	NA	0.0002 U	0.0002 U	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L		NA	NA	NA	NA	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	POTASSIUM	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L		NA	NA	NA	NA	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.028	0.02 U	0.053	0.074
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L		NA	NA	NA	NA	NA	0.01 U	NA	NA	0.01 U	0.01 U	NA	NA	NA	0.01 U
	BERYLLIUM	--	0.004	--	mg/L		NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L		NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L		NA	NA	NA	NA	NA	0.01 U	NA	NA	0.01 U	0.01 U	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L		NA	NA	NA	NA	NA	0.005 U	NA	NA	0.005 U	0.005 U	NA	NA	NA	0.005 U
	MERCURY	--	0.002	--	mg/L		NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L		NA	NA	NA	NA	NA	0.04 U	NA	NA	0.04 U	0.04 U	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L		NA	NA	NA	NA	NA	0.02 U	NA	NA	0.02 U	0.02 U	0.02 U	NA	0.026	0.028
Miscellaneous	ALKALINITY	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l		*3200*	*1000*	*1100*	*4600*	*4300*	0.037	NA	20	0.32	18	20	12	2.2	30
	BICARBONATE	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

		Location:	TMW-4							TMW-4R						
		Sample Date:	2/6/2002	9/11/2002	2/7/2003	6/25/2003	1/29/2004		7/20/2004	4/3/2008	7/20/2008	10/5/2008	12/1/2009	6/17/2010	12/14/2010	6/13/2011
		Sample Type:	Normal	Normal	Normal	Normal	Normal	Dup	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
		Sample ID:	TMW-4_2/6/2002	TMW-4_9/11/2002	TMW-4_2/7/2003	TMW-4_6/25/2003	TMW-4_1/29/2004	TMW-4 (DUP) _1/29/2004	TMW-4_7/20/2004	TMW-4R_4/3/2008	TMW-4R _7/20/2008	TMW-4R _10/5/2008	TMW-4R _12/1/2009	TMW-4R _6/17/2010	TMW-4R _12/14/2010	TMW-4R-061311
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	1 U	0.41	0.33	0.38	0.32	0.3	0.33	0.19 U	0.19 U	0.29	0.19 U	0.32	NA	NA
	ACENAPHTHYLENE	1.4	1	510	ug/L	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	ANTHRACENE	0.2	0.2	5100	ug/L	0.2 U	0.2 U	*0.34*	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	CHRYSENE	0.2	0.2	65	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	FLUORANTHENE	0.5	1000	--	ug/L	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	FLUORENE	0.5	1000	--	ug/L	0.5 U	0.37	0.26	0.35	0.33	0.31	0.29	0.19 U	0.19 U	0.48	0.32	0.47	NA	NA
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	1-METHYLNAPHTHALENE	--	--	--	ug/L	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.78 U	0.38 U	NA	NA
	2-METHYLNAPHTHALENE	--	--	--	ug/L	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	NAPHTHALENE	1	20	20	ug/L	1 U	0.2 U	0.28	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	PHENANTHRENE	0.22	0.2	510	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	PYRENE	0.5	1000	--	ug/L	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	NA	NA
	TOTAL PAHs	--	--	--	ug/L	ND	0.78	1.21	0.73	0.65	0.61	0.62	ND	ND	0.77	0.32	0.79	NA	NA
VOCs	BENZENE	1	5	31.2	ug/L	1 U	*7.4*	1 U	1 U	*9.6*	*9.2*	*9.1*	1 U	1 U	1 U	1 U	1 U	NA	NA
	ETHYLBENZENE	1	700	--	ug/L	1 U	3.3	1 U	1 U	4	3.9	3	1 U	1 U	1 U	1 U	1 U	NA	NA
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	5.7	1 U	1 U	1 U	1 U	1 U	NA	NA
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 U	2.6	2.3	2.3	2 U	2 U	2 U	2 U	2 U	2 U	NA	NA
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	10 U	10 U	NA	NA	10 U	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	10.7	ND	2.6	15.9	15.4	17.8	ND	ND	ND	ND	ND	NA	NA
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	*0.025*	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	*0.021*	*0.032*	0.02 U	0.02 U	0.018 U	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005	0.01 U	0.01 U	NA	NA
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	NA	NA
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.021	0.02 U	0.02 U	0.02 U	0.035	0.033	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	NA	NA	NA	NA	NA	NA	NA	*0.02*	*0.029*	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	0.005 U	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.04 U	0.04 U	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	NA	NA	NA	NA	NA	NA	NA	0.02 U	0.01 U	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	6	21	8.9	16	3.4	3.3	10	2.1	2.9	9.3	17	20	NA	23
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

						Location:	TMW-4R	UMW	FieldQC											
						Sample Date:	12/21/2011	10/19/1997	4/1/2008	4/2/2008	4/3/2008		4/4/2008		7/18/2008	7/20/2008	7/22/2008		10/6/2008	10/7/2008
						Sample Type:	Normal	Normal	Trip Blank	Trip Blank	Rinsate	Trip Blank	Rinsate	Trip Blank	Trip Blank	Trip Blank	Rinsate	Trip Blank	Trip Blank	Trip Blank
						Sample ID:	TMW-4R_12212011	UMW_10/19/1997	Trip Blank_4/1/2008	Trip Blank_4/2/2008	Equipment Blank_4/3/2008	Trip Blank_4/3/2008	Equipment Blank_4/4/2008	Trip Blank_4/4/2008	Trip Blank_7/18/2008	Trip Blank_7/20/2008	Equipment Blank_7/22/2008	Trip Blank_7/22/2008	Trip Blank_10/6/2008	Trip Blank_10/7/2008
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	NA	1 U	NA	NA	0.19 U	NA	0.19 U	NA	NA	NA	0.19 U	NA	NA	NA	
	ACENAPHTHYLENE	1.4	1	510	ug/L	NA	1 U	NA	NA	0.19 U	NA	0.19 U	NA	NA	NA	0.19 U	NA	NA	NA	
	ANTHRACENE	0.2	0.2	5100	ug/L	NA	0.2 U	NA	NA	0.19 U	NA	0.19 U	NA	NA	NA	0.19 U	NA	NA	NA	
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	NA	0.2 U	NA	NA	0.19 U	NA	0.19 U	NA	NA	NA	0.19 U	NA	NA	NA	
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	NA	0.2 U	NA	NA	0.19 U	NA	0.19 U	NA	NA	NA	0.19 U	NA	NA	NA	
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	NA	0.2 U	NA	NA	0.19 U	NA	0.19 U	NA	NA	NA	0.19 U	NA	NA	NA	
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	NA	0.5 U	NA	NA	0.19 U	NA	0.19 U	NA	NA	NA	0.19 U	NA	NA	NA	
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	NA	0.5 U	NA	NA	0.19 U	NA	0.19 U	NA	NA	NA	0.19 U	NA	NA	NA	
	CHRYSENE	0.2	0.2	65	ug/L	NA	0.2 U	NA	NA	0.19 U	NA	0.19 U	NA	NA	NA	0.19 U	NA	NA	NA	
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	NA	1 U	NA	NA	0.19 U	NA	0.19 U	NA	NA	NA	0.19 U	NA	NA	NA	
	FLUORANTHENE	0.5	1000	--	ug/L	NA	0.5 U	NA	NA	0.19 U	NA	0.19 U	NA	NA	NA	0.19 U	NA	NA	NA	
	FLUORENE	0.5	1000	--	ug/L	NA	0.5 U	NA	NA	0.19 U	NA	0.19 U	NA	NA	NA	0.19 U	NA	NA	NA	
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	NA	0.5 U	NA	NA	0.19 U	NA	0.19 U	NA	NA	NA	0.19 U	NA	NA	NA	
	1-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	0.19 U	NA	0.19 U	NA	NA	NA	0.19 U	NA	NA	NA	
	2-METHYLNAPHTHALENE	--	--	--	ug/L	NA	NA	NA	NA	0.19 U	NA	0.19 U	NA	NA	NA	0.19 U	NA	NA	NA	
	NAPHTHALENE	1	20	20	ug/L	NA	1 U	NA	NA	0.19 U	NA	0.19 U	NA	NA	NA	0.19 U	NA	NA	NA	
	PHENANTHRENE	0.22	0.2	510	ug/L	NA	0.2 U	NA	NA	0.19 U	NA	0.19 U	NA	NA	NA	0.19 U	NA	NA	NA	
	PYRENE	0.5	1000	--	ug/L	NA	0.5 U	NA	NA	0.19 U	NA	0.19 U	NA	NA	NA	0.19 U	NA	NA	NA	
	TOTAL PAHs	--	--	--	ug/L	NA	ND	NA	NA	ND	NA	ND	NA	NA	NA	ND	NA	NA	NA	
VOCs	BENZENE	1	5	31.2	ug/L	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
	ETHYLBENZENE	1	700	--	ug/L	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	TOLUENE	1	1000	1900	ug/L	NA	1 U	1 U	1 U	6.2	1 U	9	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
	XYLENES, TOTAL	2	10000	--	ug/L	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	NA	
	TOTAL BTEX	--	--	--	ug/L	NA	ND	ND	ND	6.2	ND	9	ND	ND	ND	ND	ND	ND	ND	
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.018 U	0.01 U	NA	NA	0.01 U	NA	0.01 U	NA	NA	NA	0.01 U	NA	NA	NA	
	BERYLLIUM	--	0.004	--	mg/L	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	CADMIUM	--	0.005	--	mg/L	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	CHROMIUM	0.013	0.1	--	mg/L	NA	0.01 U	NA	NA	0.01 U	NA	0.01 U	NA	NA	NA	0.01 U	NA	NA	NA	
	LEAD	0.007	0.015	0.015	mg/l	NA	0.005 U	NA	NA	0.005 U	NA	0.005 U	NA	NA	NA	0.005 U	NA	NA	NA	
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	MERCURY	--	0.002	--	mg/L	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	NICKEL	0.13	0.1	2	mg/L	NA	0.04 U	NA	NA	0.04 U	NA	0.04 U	NA	NA	NA	0.04 U	NA	NA	NA	
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	ZINC	0.96	2	31	mg/L	NA	0.02 U	NA	NA	0.02 U	NA	0.02 U	NA	NA	NA	0.02 U	NA	NA	NA	
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	BERYLLIUM	--	0.004	--	mg/L	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	CADMIUM	--	0.005	--	mg/L	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	CHROMIUM	0.013	0.1	--	mg/L	NA	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	LEAD	0.007	0.015	0.015	mg/L	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	MERCURY	--	0.002	--	mg/L	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	NICKEL	0.13	0.1	2	mg/L	NA	0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	ZINC	0.96	2	31	mg/L	NA	0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	AMMONIA-N	15	30	30	mg/l	NA	17	NA	NA	0.11	NA	0.07	NA	NA	NA	ND	NA	NA	NA	
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	FieldQC													
					Sample Date:	10/8/2008		10/9/2008		12/1/2009	12/3/2009	12/4/2009	12/7/2009			6/17/2010	6/19/2010	9/14/2010	12/15/2010
					Sample Type:	Rinsate	Trip Blank	Rinsate	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Rinsate		Trip Blank	Rinsate	Rinsate	Rinsate	Rinsate
					Sample ID:	Equipment Blank _10/8/2008	Trip Blank _10/8/2008	Equipment Blank _10/9/2008	Trip Blank _10/9/2008	Trip Blank _12/1/2009	Trip Blank _12/3/2009	Trip Blank _12/4/2009	Equipment Blank _12/7/2009	Equipment Blank 2_12/7/2009	Trip Blank _12/7/2009	Equipment Blank _6/17/2010	Equipment Blank _6/19/2010	Equipment Blank _9/14/2010	Equipment Blank _12/15/2010
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	0.19 U	NA	0.2 U	NA	NA	NA	NA	0.19 U	0.19 U	NA	0.19 U	0.19 UJ	0.2 U	0.19 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	0.19 U	NA	0.2 U	NA	NA	NA	NA	0.19 U	0.19 U	NA	0.19 U	0.19 U	0.2 U	0.19 U
	ANTHRACENE	0.2	0.2	5100	ug/L	0.19 U	NA	0.2 U	NA	NA	NA	NA	0.19 U	0.19 U	NA	0.19 U	0.19 U	0.2 U	0.19 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	0.19 U	NA	0.2 U	NA	NA	NA	NA	0.19 U	0.19 U	NA	0.19 U	0.19 U	0.2 U	0.19 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	0.19 U	NA	0.2 U	NA	NA	NA	NA	0.19 U	0.19 U	NA	0.19 U	0.19 U	0.2 U	0.19 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	0.19 U	NA	0.2 U	NA	NA	NA	NA	0.19 U	0.19 U	NA	0.19 U	0.19 U	0.2 U	0.19 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	0.19 U	NA	0.2 U	NA	NA	NA	NA	0.19 U	0.19 U	NA	0.19 U	0.19 U	0.2 U	0.19 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	0.19 U	NA	0.2 U	NA	NA	NA	NA	0.19 U	0.19 U	NA	0.19 U	0.19 U	0.2 U	0.19 U
	CHRYSENE	0.2	0.2	65	ug/L	0.19 U	NA	0.2 U	NA	NA	NA	NA	0.19 U	0.19 U	NA	0.19 U	0.19 U	0.2 U	0.19 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	0.19 U	NA	0.2 U	NA	NA	NA	NA	0.19 U	0.19 U	NA	0.19 U	0.19 U	0.2 U	0.19 U
	FLUORANTHENE	0.5	1000	--	ug/L	0.19 U	NA	0.2 U	NA	NA	NA	NA	0.19 U	0.19 U	NA	0.6	0.19 U	0.2 U	0.19 U
	FLUORENE	0.5	1000	--	ug/L	0.19 U	NA	0.2 U	NA	NA	NA	NA	0.19 U	0.19 U	NA	0.19 U	0.19 U	0.2 U	0.19 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	0.19 U	NA	0.2 U	NA	NA	NA	NA	0.19 U	0.19 U	NA	0.19 U	0.19 U	0.2 U	0.19 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	0.19 U	NA	0.2 U	NA	NA	NA	NA	0.76 U	0.75 U	NA	0.39 U	0.38 UJ	0.2 U	0.38 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	0.19 U	NA	0.2 U	NA	NA	NA	NA	0.19 U	0.19 U	NA	0.19 U	0.19 UJ	0.2 U	0.19 U
	NAPHTHALENE	1	20	20	ug/L	0.19 U	NA	0.2 U	NA	NA	NA	NA	0.19 U	0.19 U	NA	0.19 U	0.19 UJ	0.2 U	0.19 U
	PHENANTHRENE	0.22	0.2	510	ug/L	0.19 U	NA	0.2 U	NA	NA	NA	NA	0.19 U	0.19 U	NA	0.19 U	0.19 U	0.2 U	0.19 U
	PYRENE	0.5	1000	--	ug/L	0.19 U	NA	0.2 U	NA	NA	NA	NA	0.19 U	0.19 U	NA	0.41	0.19 U	0.2 U	0.19 U
	TOTAL PAHs	--	--	--	ug/L	ND	NA	ND	NA	NA	NA	NA	ND	ND	NA	1.01	ND	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA
	ETHYLBENZENE	1	700	--	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	6.2	1 U	NA	NA
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NA	NA
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.2	ND	NA	NA
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	0.01 U	NA	0.01 U	NA	NA	NA	NA	0.02 U	0.02 U	NA	0.02 U	0.02 U	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	0.01 U	NA	0.01 U	NA	NA	NA	NA	0.01 U	0.01 U	NA	0.01 U	0.01 U	NA	NA
	LEAD	0.007	0.015	0.015	mg/l	0.005 U	NA	0.005 U	NA	NA	NA	NA	0.01 U	0.01 U	NA	0.01 U	0.01 U	NA	NA
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	0.04 U	NA	0.04 U	NA	NA	NA	NA	0.04 U	0.04 U	NA	0.04 U	0.04 U	NA	NA
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	0.02 U	NA	0.02 U	NA	NA	NA	NA	0.02 U	0.02 U	NA	0.02 U	0.02 U	NA	NA
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	0.03 U	NA	0.03 U	NA	NA	NA	NA	0.14	0.17	NA	0.05 U	0.05	NA	NA
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

					Location:	FieldQC						
					Sample Date:	6/15/2011	6/17/2011			12/6/2011	12/8/2011	
					Sample Type:	Trip Blank	Rinsate		Trip Blank	Trip Blank	Rinsate	
					Sample ID:	TB-1_061511	EB-1_061711	EB-2_061711	TB-2_061711	TRIP-BLANK_12062011	ERB-01_12082011	ERB-02_12082011
Method Group	Analyte	Background	Type 3 RRS	Type 4 RRS	Units	Result	Result	Result	Result	Result	Result	Result
PAHs	ACENAPHTHENE	1	2000	--	ug/L	NA	0.19 U	0.19 U	NA	NA	0.19 U	0.19 U
	ACENAPHTHYLENE	1.4	1	510	ug/L	NA	0.19 U	0.19 U	NA	NA	0.19 U	0.19 U
	ANTHRACENE	0.2	0.2	5100	ug/L	NA	0.19 U	0.19 U	NA	NA	0.19 U	0.19 U
	BENZO(A)ANTHRACENE	0.2	0.1	3.9	ug/L	NA	0.19 U	0.19 U	NA	NA	0.19 U	0.19 U
	BENZO(A)PYRENE	0.2	0.2	0.39	ug/L	NA	0.19 U	0.19 U	NA	NA	0.19 U	0.19 U
	BENZO(B)FLUORANTHENE	0.2	0.2	0.65	ug/L	NA	0.19 U	0.19 U	NA	NA	0.19 U	0.19 U
	BENZO(G,H,I)PERYLENE	--	--	--	ug/L	NA	0.19 U	0.19 U	NA	NA	0.19 U	0.19 U
	BENZO(K)FLUORANTHENE	--	--	--	ug/L	NA	0.19 U	0.19 U	NA	NA	0.19 U	0.19 U
	CHRYSENE	0.2	0.2	65	ug/L	NA	0.19 U	0.19 U	NA	NA	0.19 U	0.19 U
	DIBENZ(A,H)ANTHRACENE	--	0.3	--	ug/L	NA	0.19 U	0.19 U	NA	NA	0.19 U	0.19 U
	FLUORANTHENE	0.5	1000	--	ug/L	NA	0.19 U	0.19 U	NA	NA	0.19 U	0.19 U
	FLUORENE	0.5	1000	--	ug/L	NA	0.19 U	0.19 U	NA	NA	0.19 U	0.19 U
	INDENO(1,2,3-CD)PYRENE	--	0.4	--	ug/L	NA	0.19 U	0.19 U	NA	NA	0.19 U	0.19 U
	1-METHYLNAPHTHALENE	--	--	--	ug/L	NA	0.39 U	0.39 U	NA	NA	0.38 U	0.38 U
	2-METHYLNAPHTHALENE	--	--	--	ug/L	NA	0.19 U	0.19 U	NA	NA	0.19 U	0.19 U
	NAPHTHALENE	1	20	20	ug/L	NA	0.19 U	0.19 U	NA	NA	0.19 U	0.19 U
	PHENANTHRENE	0.22	0.2	510	ug/L	NA	0.19 U	0.19 U	NA	NA	0.19 U	0.19 U
	PYRENE	0.5	1000	--	ug/L	NA	0.19 U	0.19 U	NA	NA	0.19 U	0.19 U
	TOTAL PAHs	--	--	--	ug/L	NA	ND	ND	NA	NA	ND	ND
VOCs	BENZENE	1	5	31.2	ug/L	1 U	NA	NA	1 U	1 U	NA	NA
	ETHYLBENZENE	1	700	--	ug/L	1 U	NA	NA	1 U	1 U	NA	NA
	P/M-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA
	METHYLENE CHLORIDE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA
	O-XYLENE	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA
	TOLUENE	1	1000	1900	ug/L	1 U	NA	NA	1 U	1 U	NA	NA
	XYLENES, TOTAL	2	10000	--	ug/L	2 U	NA	NA	2 U	2 U	NA	NA
	METHYL TERT-BUTYL ETHER	--	--	--	ug/L	NA	NA	NA	NA	NA	NA	NA
	TOTAL BTEX	--	--	--	ug/L	ND	NA	NA	ND	ND	NA	NA
Metals, Total	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA
	BORON	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA
	CALCIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/l	NA	NA	NA	NA	NA	NA	NA
	MAGNESIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA
	POTASSIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA
	SODIUM	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA
Metals, Dissolved	ARSENIC	0.018	0.018	0.018	mg/L	NA	NA	NA	NA	NA	NA	NA
	BERYLLIUM	--	0.004	--	mg/L	NA	NA	NA	NA	NA	NA	NA
	CADMIUM	--	0.005	--	mg/L	NA	NA	NA	NA	NA	NA	NA
	CHROMIUM	0.013	0.1	--	mg/L	NA	NA	NA	NA	NA	NA	NA
	LEAD	0.007	0.015	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA
	MERCURY	--	0.002	--	mg/L	NA	NA	NA	NA	NA	NA	NA
	NICKEL	0.13	0.1	2	mg/L	NA	NA	NA	NA	NA	NA	NA
	ZINC	0.96	2	31	mg/L	NA	NA	NA	NA	NA	NA	NA
Miscellaneous	ALKALINITY	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA
	ALKALINITY, TOTAL (AS CACO3)	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA
	AMMONIA-N	15	30	30	mg/l	NA	NA	NA	NA	NA	NA	NA
	BICARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA
	CARBONATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA
	CONDUCTIVITY	--	--	--	umhos /cm	NA	NA	NA	NA	NA	NA	NA
	NITRATE-N	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA
	pH	--	--	--	units	NA	NA	NA	NA	NA	NA	NA
	SULFATE	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA
	TOTAL DISSOLVED SOLIDS	--	--	--	mg/L	NA	NA	NA	NA	NA	NA	NA

Table
Summary of Historical Groundwater Analytical Results
HSI Site #10101, Hutchinson Island, GA

Notes:
1) NA = Analyte was not analyzed
2) ND = Not Deteted
3) U = Indicates constituent was not detected at the reporting limit shown; J = Indicates constituent was detected at an estimated value; UJ = Indicates constituent was not detected at an estimated value shown; D = Concentration based on a diluted sample analysis; X1 = Internal standards recovered outside of advisory limits.
4) mg/L = milligrams per liter; ug/L = micrograms per liter
5) - - = Denotes where an analyte does not have a background or RRS value.
6) Shaded cells denote results above applicable Georgia Environmental Protection Division Risk Reduction Standards. Where Type 4 RRSs have been approved, these are used for comparison criteria.
7) Results italicized and in bold denote results above specified Georgia Environmental Protection Type 3 Groundwater Quality Criteria levels.
8) Total BTEX and Total PAHs were calculated as the sum of detected results where at least one of the analytes was detected, and reported as non-detected (ND) in cases where none of the individual analytes were detected above their respective method detection limits.
9) Because the Type 3 RRS for the compounds: acenaphthylene, benzo(a)anthracene, phenanthrene and nickel are lower than their respective background concentrations, the background concentrations are used in place of the Type 4 RRS for these four compounds.
10) Monitoring wells MW-3R, PDMW-8R, PDMW-10R, PDMW-11R, PDMW-14TR, PDWM-23R, PDMW-30R, PDMW-31R2, PDMW-32R, PDMW-33R, PDMW-39R, PDMW-40R, PDMW-45R and TMW-4R were installed to replace wells MW-3, PDMW-8T, PDMW-10T, PDMW-11P,PDMW-14T, PDMW-23T, PDMW-30P, PDMW-31R, PDMW-32P, PDMW-33T, PDMW-39, PDMW-40, PDMW-45 and TMW-4 respectively.
11) The Type 3/4 RRS for arsenic changed from 0.050 mg/L to 0.018 mg/L on December 15, 2009. All arsenic groundwater data collected before December 15, 2009 are compared to the old Type 3/4 of 0.050 mg/L. All arsenic groundwater data collected after December 15, 2009 are compared to the new Type 3/4 RRS of 0.018 mg/L.

Table 4
Summary of Surface Water Testing Results
HSI #10101

Sample ID: / Date Collected: / Tide Stage:	Units	Samples Collected from Location Upstream SW											
		Canal - Up 11/07/97 Low	SW1 Up 11/17/99 Low	SW1 Up-High 11/17/99 High	SW1-High 02/25/00 High	SW1-Low 02/25/00 Low	SW1-HIGH 05/16/00 High	SW1-LOW 05/16/00 Low	SW1-HIGH 08/22/00 High	SW1-LOW 08/22/00 Low	SW1-HIGH 01/09/01 High	SW1-LOW 01/09/01 Low	SW1-HIGH 07/16/01 High
PAHs													
1-Methylnaphthalene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	ug/L	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U
Acenaphthylene	ug/L	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U
Anthracene	ug/L	0.2 U	0.2 U	0.2 U	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U
Benzo(a)anthracene	ug/L	0.2 U	0.2 U	0.2 U	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U
Benzo(a)pyrene	ug/L	0.2 U	0.2 U	0.2 U	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U
Benzo(b)fluoranthene	ug/L	0.2 U	0.2 U	0.2 U	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	ug/L	0.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	ug/L	0.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	ug/L	0.2 U	0.2 U	0.2 U	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U
Dibenz(a,h)anthracene	ug/L	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	ug/L	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA	NA	NA	0.5 U	0.5 U	0.5 U
Fluorene	ug/L	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA	NA	NA	0.5 U	0.5 U	0.5 U
Indeno(1,2,3-cd)pyrene	ug/L	0.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ug/L	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U
Phenanthrene	ug/L	0.2 U	0.2 U	0.2 U	NA	NA	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U
Pyrene	ug/L	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA	NA	NA	0.5 U	0.5 U	0.5 U
Total PAHs	ug/L	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	ND
Volatile Organic Compounds													
Benzene	ug/L	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	1 U	1 U	NA
Ethylbenzene	ug/L	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	1 U	1 U	NA
m&p-Xylene	ug/L	NA	1 U	1 U	NA	NA	NA	NA	NA	NA	1 U	1 U	NA
o-Xylene	ug/L	NA	1 U	1 U	NA	NA	NA	NA	NA	NA	1 U	1 U	NA
Toluene	ug/L	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	1 U	1 U	NA
Xylenes (total)	ug/L	2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total BTEX	ug/L	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	NA
Metals													
Arsenic	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.025 U	0.025 U	0.01 U	0.01 U	0.01 U
Beryllium	mg/L	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Lead	mg/L	0.005 U	0.005 U	0.005 U	0.0073 U	0.005 U	0.005 U	0.01	0.015 U	0.015 U	0.005 U	0.005 U	0.005 U
Mercury	mg/L	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
Zinc	mg/L	0.02 U	0.02 U	0.02 U	0.11	0.093	0.02 U	0.081	0.072	0.14	0.07	0.02 U	0.11
Metals-Filtered													
Arsenic	mg/L	NA	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	0.04 U	0.04 U	0.04 U	0.04 U	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	0.02 U	0.02 U	0.049	0.071	NA	0.047	NA	0.03	0.039	NA	0.028
Miscellaneous													
Ammonia-N	mg/L	0.36	0.84	0.42	4.1	2.6	0.36	1.3	0.26	1.4	1.8	0.76	0.21

Table 4
Summary of Surface Water Testing Results
HSI #10101

Sample ID:		Samples Collected from Location Upstream SW								Samples Collected from Location Downstream SW		
Date Collected:		SW1-Low	SW1-High	SW1-Low	SW UPSTREAM	SW-UPSTREAM	SW-UPSTREAM	SW Upstream	SW-UPSTREAM	Canal - Down	SW1 Down	SW1 Down-High
Tide Stage:	Units	07/16/01 Low	02/04/02 High	02/05/02 Low	09/12/02 High	02/07/03 Low	06/26/03 Low	01/27/04 High	07/23/04 High	11/08/97 Low	11/17/99 Low	11/17/99 High
PAHs												
1-Methylnaphthalene	ug/L	NA	NA	NA	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U [0.2 U]	0.2 U	NA	NA	NA
2-Methylnaphthalene	ug/L	NA	NA	NA	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U [0.2 U]	0.2 U	NA	NA	NA
Acenaphthene	ug/L	1 U	1 U	1 U	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U [0.2 U]	0.2 U	1 U	1 U	1 U
Acenaphthylene	ug/L	1 U	1 U	1 U	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U [0.2 U]	0.2 U	1 U	1 U	1 U
Anthracene	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)anthracene	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)pyrene	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(b)fluoranthene	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	ug/L	NA	NA	NA	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U [0.2 U]	0.2 U	0.5 U	NA	NA
Benzo(k)fluoranthene	ug/L	NA	NA	NA	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U [0.2 U]	0.2 U	0.5 U	NA	NA
Chrysene	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U	0.2 U	0.2 U
Dibenz(a,h)anthracene	ug/L	NA	NA	NA	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U [0.2 U]	0.2 U	1 U	NA	NA
Fluoranthene	ug/L	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U [0.2 U]	0.2	0.5 U	0.5 U	0.5 U
Fluorene	ug/L	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U [0.2 U]	0.2 U	0.5 U	0.5 U	0.5 U
Indeno(1,2,3-cd)pyrene	ug/L	NA	NA	NA	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U [0.2 U]	0.2 U	0.5 U	NA	NA
Naphthalene	ug/L	1 U	1 U	1 U	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U [0.2 U]	0.2 U	1 U	1 U	1 U
Phenanthrene	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U [0.2 U]	0.63	0.2 U	0.2 U	0.2 U
Pyrene	ug/L	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U [0.2 U]	0.21	0.5 U	0.5 U	0.5 U
Total PAHs	ug/L	ND	ND	NA	ND	ND [ND]	ND	ND [ND]	1.04	ND	ND	ND
Volatile Organic Compounds												
Benzene	ug/L	1 U	1 U	1 U	1 U	1 U [1 U]	1 U	1 U [1 U]	1 U	1 U	1 U	1 U
Ethylbenzene	ug/L	1 U	1 U	1 U	1 U	1 U [1 U]	1 U	1 U [1 U]	1 U	1 U	1 U	1 U
m&p-Xylene	ug/L	1 U	NA	NA	NA	NA	NA	NA	NA	NA	1 U	1 U
o-Xylene	ug/L	1 U	NA	NA	NA	NA	NA	NA	NA	NA	1 U	1 U
Toluene	ug/L	1 U	1 U	1 U	1 U	1 U [1 U]	1 U	1 U [1 U]	1 U	1 U	1 U	1 U
Xylenes (total)	ug/L	NA	2 U	2 U	2 U	2 U [2 U]	2 U	2 U [2 U]	2 U	2 U	NA	NA
Total BTEX	ug/L	ND	ND	NA	ND	ND [ND]	ND	ND [ND]	ND	ND	ND	ND
Metals												
Arsenic	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U [0.01 U]	0.01 U	0.01 U [0.01 U]	0.01 U	0.01 U	0.01 U	0.01 U
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA
Chromium	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U [0.01 U]	0.01 U	0.02 [0.01 U]	0.01 U	0.01 U	0.01 U	0.01 U
Lead	mg/L	0.005 U	0.023	0.005 U	0.005 U	0.005 U [0.0057]	0.0064	0.02 [0.005 U]	0.005 U	0.005 U	0.005 U	0.005 U
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA
Nickel	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U [0.04 U]	0.04 U	0.04 U [0.04 U]	0.04 U	0.04 U	0.04 U	0.04 U
Zinc	mg/L	0.05	0.12	0.06	0.026	0.044 [0.043]	0.044	0.15 [0.082]	0.02 U	0.052	0.02 U	0.02 U
Metals-Filtered												
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U
Lead	mg/L	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	0.005 U	0.005 U
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.04 U	0.04 U
Zinc	mg/L	0.024	0.028	0.02 U	NA	NA	NA	NA	NA	NA	0.02 U	0.02 U
Miscellaneous												
Ammonia-N	mg/L	1.8	0.94	NA	0.14	2.6 [2.7]	0.92	3.5 [3.9]	0.33	0.93	6.2	0.48

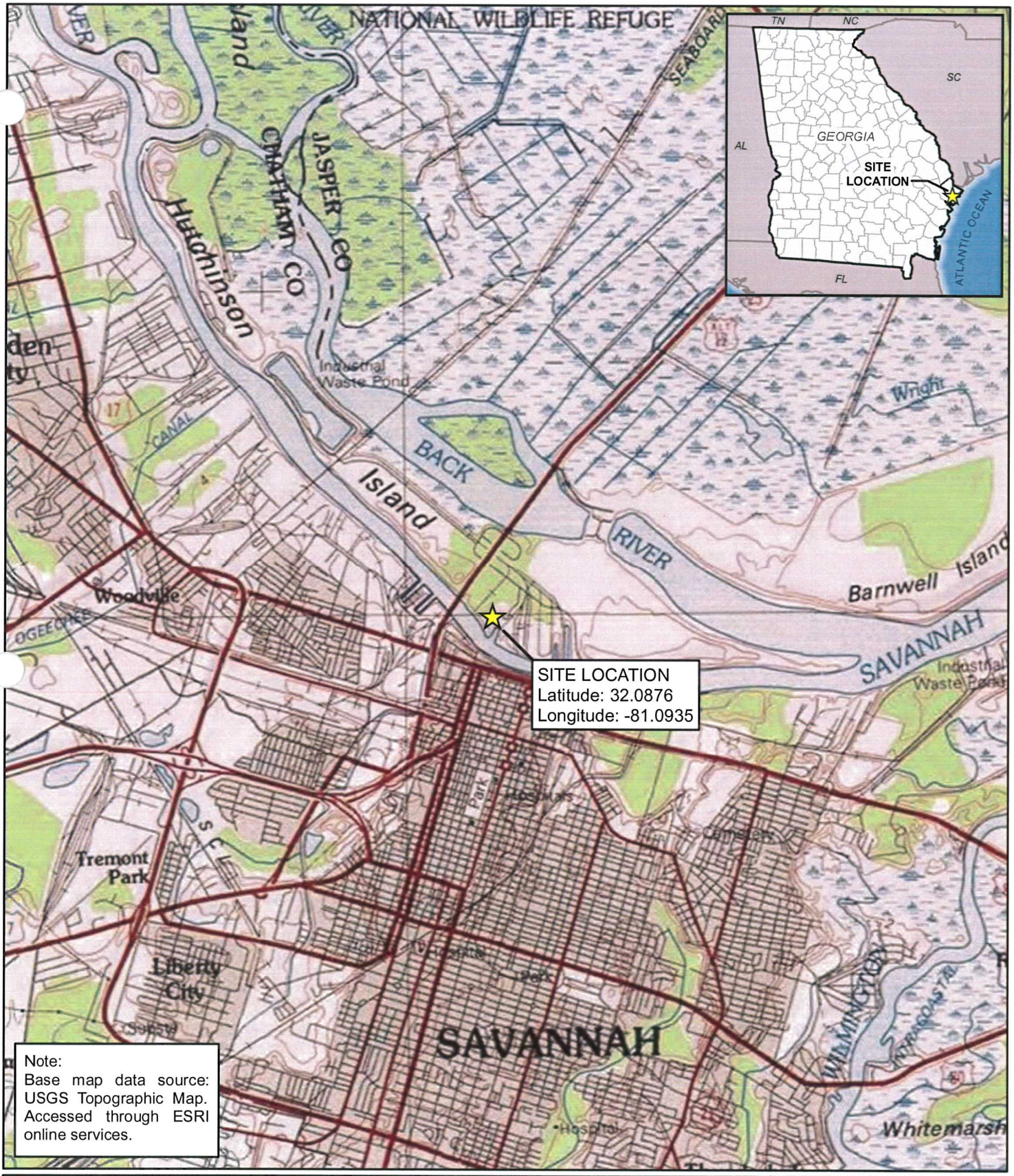
Sample ID: / Date Collected: / Tide Stage:	Units	Samples Collected from Location Downstream SW											
		SW2-High 02/25/00 High	SW2-Low 02/25/00 Low	SW2-HIGH 05/16/00 High	SW2-LOW 05/16/00 Low	SW2-HIGH 08/22/00 High	SW2-LOW 08/22/00 Low	SW2-HIGH 01/09/01 High	SW2-LOW 01/09/01 Low	SW2-HIGH 07/16/01 High	SW2-Low 07/16/01 Low	SW2-High 02/04/02 High	SW DOWNSTREAM 09/12/02 High
PAHs													
1-Methylnaphthalene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U
2-Methylnaphthalene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U
Acenaphthene	ug/L	NA	1 U	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	0.2 U
Acenaphthylene	ug/L	NA	1 U	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	0.2 U
Anthracene	ug/L	NA	0.2 U	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)anthracene	ug/L	NA	0.2 U	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)pyrene	ug/L	NA	0.2 U	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(b)fluoranthene	ug/L	NA	0.2 U	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U
Benzo(k)fluoranthene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U
Chrysene	ug/L	NA	0.2 U	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenz(a,h)anthracene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U
Fluoranthene	ug/L	NA	0.5 U	NA	NA	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U
Fluorene	ug/L	NA	0.5 U	NA	NA	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U
Indeno(1,2,3-cd)pyrene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2 U
Naphthalene	ug/L	NA	1 U	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	0.2 U
Phenanthrene	ug/L	NA	0.2 U	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Pyrene	ug/L	NA	0.5 U	NA	NA	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U
Total PAHs	ug/L	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds													
Benzene	ug/L	NA	1 U	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	ug/L	NA	1 U	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1.3
m&p-Xylene	ug/L	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	NA	NA
o-Xylene	ug/L	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	NA	NA
Toluene	ug/L	NA	1 U	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	2
Xylenes (total)	ug/L	NA	2 U	NA	NA	NA	NA	NA	NA	NA	NA	2 U	7.2
Total BTEX	ug/L	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	10.5
Metals													
Arsenic	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.025 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Lead	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.015 U	0.0087	0.005 U	0.005 U	0.005 U	0.0069	0.005 U	0.005 U
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
Zinc	mg/L	0.022	0.02 U	0.02 U	0.025	0.072	0.025	0.024	0.02 U	0.027	0.038	0.02 U	0.02 U
Metals-Filtered													
Arsenic	mg/L	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	0.005 U	0.005 U	NA	NA	NA	0.005 U	NA	NA	NA	0.005 U	NA	NA
Nickel	mg/L	0.04 U	0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	0.02 U	0.02 U	NA	0.02 U	NA	0.02 U	0.032	NA	0.053	0.02	NA	NA
Miscellaneous													
Ammonia-N	mg/L	0.64	5.2	0.64	1.8	0.18	2.2	0.17	2.8	0.82	4.3	.0.12	0.57

Ta... 4
Summary of Surface Water Testing Results
HSI #10101

Sample ID: / Date Collected: / Tide Stage:	Units	Samples Collected from Location Downstream SW			
		SW-DOWNSTREAM 02/07/03 Low	SW DOWNSTREAM 06/25/03 Low	SW Downstream 01/27/04 High	SW-Downstream 07/22/04 High
PAHs					
1-Methylnaphthalene	ug/L	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U
2-Methylnaphthalene	ug/L	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U
Acenaphthene	ug/L	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U
Acenaphthylene	ug/L	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U
Anthracene	ug/L	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U
Benzo(a)anthracene	ug/L	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U
Benzo(a)pyrene	ug/L	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U
Benzo(b)fluoranthene	ug/L	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U
Benzo(g,h,i)perylene	ug/L	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U
Benzo(k)fluoranthene	ug/L	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U
Chrysene	ug/L	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U
Dibenz(a,h)anthracene	ug/L	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U
Fluoranthene	ug/L	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U
Fluorene	ug/L	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U
Indeno(1,2,3-cd)pyrene	ug/L	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U
Naphthalene	ug/L	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U
Phenanthrene	ug/L	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U
Pyrene	ug/L	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U
Total PAHs	ug/L	ND	ND [ND]	ND	ND
Volatile Organic Compounds					
Benzene	ug/L	1 U	1 U [1 U]	1 U	1 U
Ethylbenzene	ug/L	1 U	1 U [1 U]	1 U	1 U
m&p-Xylene	ug/L	NA	NA	NA	NA
o-Xylene	ug/L	NA	NA	NA	NA
Toluene	ug/L	1 U	1 U [1 U]	1 U	1 U
Xylenes (total)	ug/L	2 U	2 U [2 U]	2 U	2 U
Total BTEX	ug/L	ND	ND [ND]	ND	ND
Metals					
Arsenic	mg/L	0.01 U	0.01 U [0.01 U]	0.01 U	0.01 U
Beryllium	mg/L	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA
Chromium	mg/L	0.01 U	0.01 U [0.01 U]	0.01 U	0.01 U
Lead	mg/L	0.005 U	0.0075 [0.0083]	0.005 U	0.005 U
Mercury	mg/L	NA	NA	NA	NA
Nickel	mg/L	0.04 U	0.04 U [0.04 U]	0.04 U	0.04 U
Zinc	mg/L	0.02 U	0.032 [0.027]	0.13	0.02 U
Metals-Filtered					
Arsenic	mg/L	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA
Miscellaneous					
Ammonia-N	mg/L	5.6	3 [3]	1.1	0.32

Notes:
1) NA = Analyte was not analyzed.
2) ND = Not Detected
3) U = Indicates result value is below the laboratory quantitaton limit.
4) Total BTEX and Total PAHs were calculated as the sum of detected results where at least one of the analytes was detected, and reported as Not Detected (ND) in cases where all analytes were below their respective laboratory quantitation limits.
5) [value] indicates results of field duplicate sample

FIGURES



AMEC Environment & Infrastructure **3800 Ezell Road Suite 100** **Nashville, Tennessee 37211**	N	**CSX Transportation, Inc.**	**FIGURE 1** **Site Location** HUTCHINSON ISLAND SAVANNAH, GEORGIA

0 0.5 1 2 3 Miles	02/16/2012	Drawn: JBO	FILE: CSXT_Hutch_Is_Site_Loc_Topo_Map.mxd
	REV:	CHK: JJ	PROJ: 6-4300-5235-0300



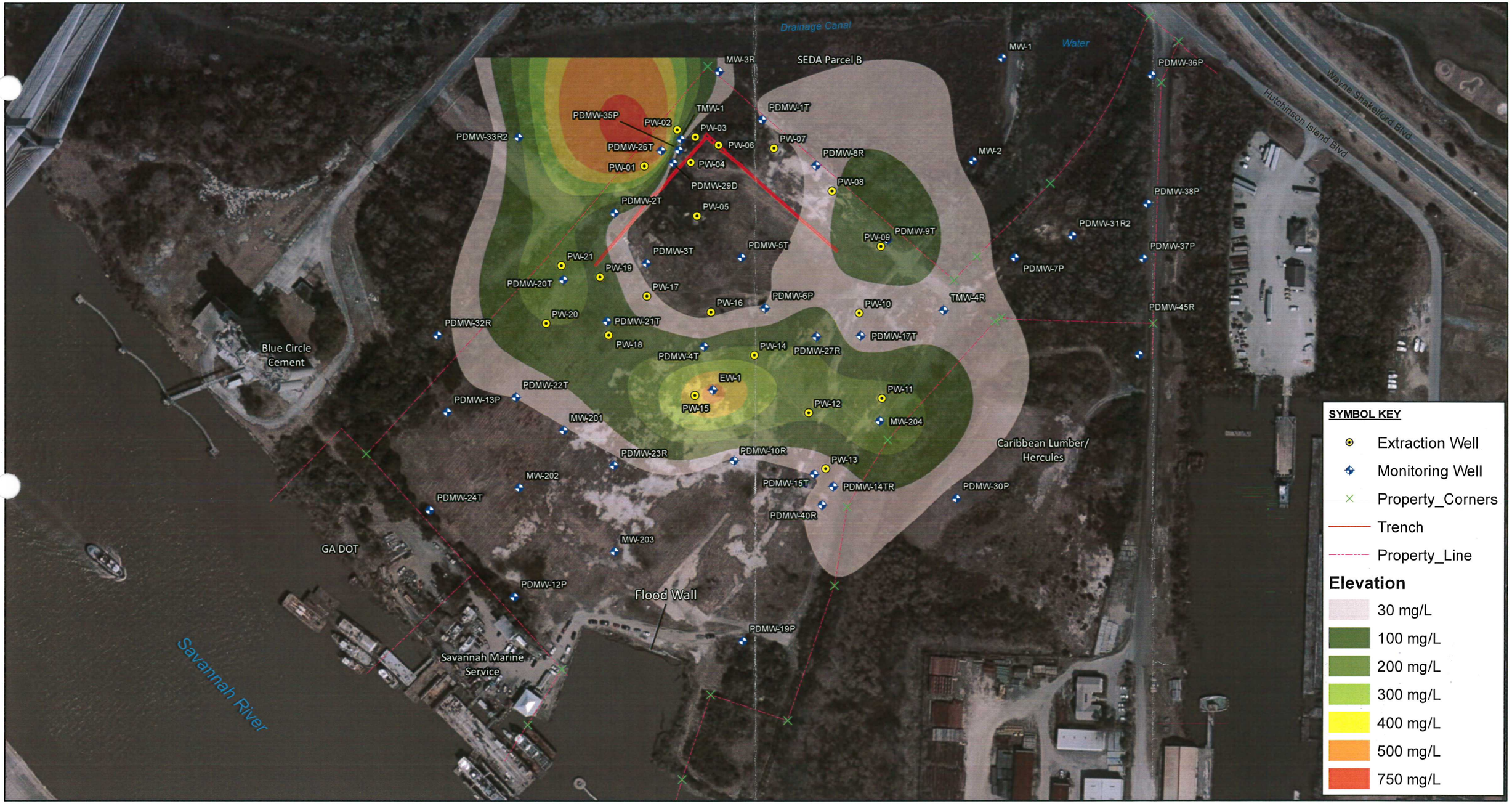
AMEC Environment & Infrastructure 3800 Ezell Road Suite 100 Nashville, Tennessee 37211	amec	N	**CSX Transportation, Inc.**	**FIGURE 2** **Site Vicinity Map** **Hutchinson Island HSI - 10101 - Savannah, Georgia**
0 550 1,100 2,200 3,300 4,400 Feet			05/09/2012	REV:
			Drawn: JBO	PROJ: 6-4300-5235
				File: CSXT_Hutch_Site_Vicinity_VRP_Plan.mxd
				Aerial data source: Bing Maps; obtained through ESRI online services, May-2012 Parcel Data Source: Savannah Area GIS (SAGIS)



AMEC Environment & Infrastructure 3800 Ezell Road Suite 100 Nashville, Tennessee 37211	**CSX Transportation, Inc.**	**FIGURE 3** **Current Site Configuration** **Hutchinson Island HSI - 10101** **Savannah, Georgia**
0 200 400 800 Feet N	05/10/2012 REV:	File: CSXT_Hutch_Is_Current_Site_Config_Port_VRP_Plan.mxd
	Drawn: JBO PROJ: 6-4300-5235	Aerial data source: Bing Maps; obtained through ESRI online services, Feb-2012



AMEC Environment & Infrastructure 3800 Ezell Road Suite 100 Nashville, Tennessee 37211	amec	N	**CSX Transportation, Inc.**	**FIGURE 4** **Soil Excavation Areas** **Hutchinson Island HSI - 10101 - Savannah, Georgia**
0 200 400 800 1,200 1,600 Feet			05/10/2012	REV:
			Drawn: JBO	PROJ: 6-4300-5235
				File: CSXT_Hutch_Is_Excav_Areas_VRP_Plan.mxd
				Aerial data source: Bing Maps; obtained through ESRI online services, Feb-2012



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Nashville, Tennessee 37211

N

CSX Transportation, Inc.

FIGURE 5

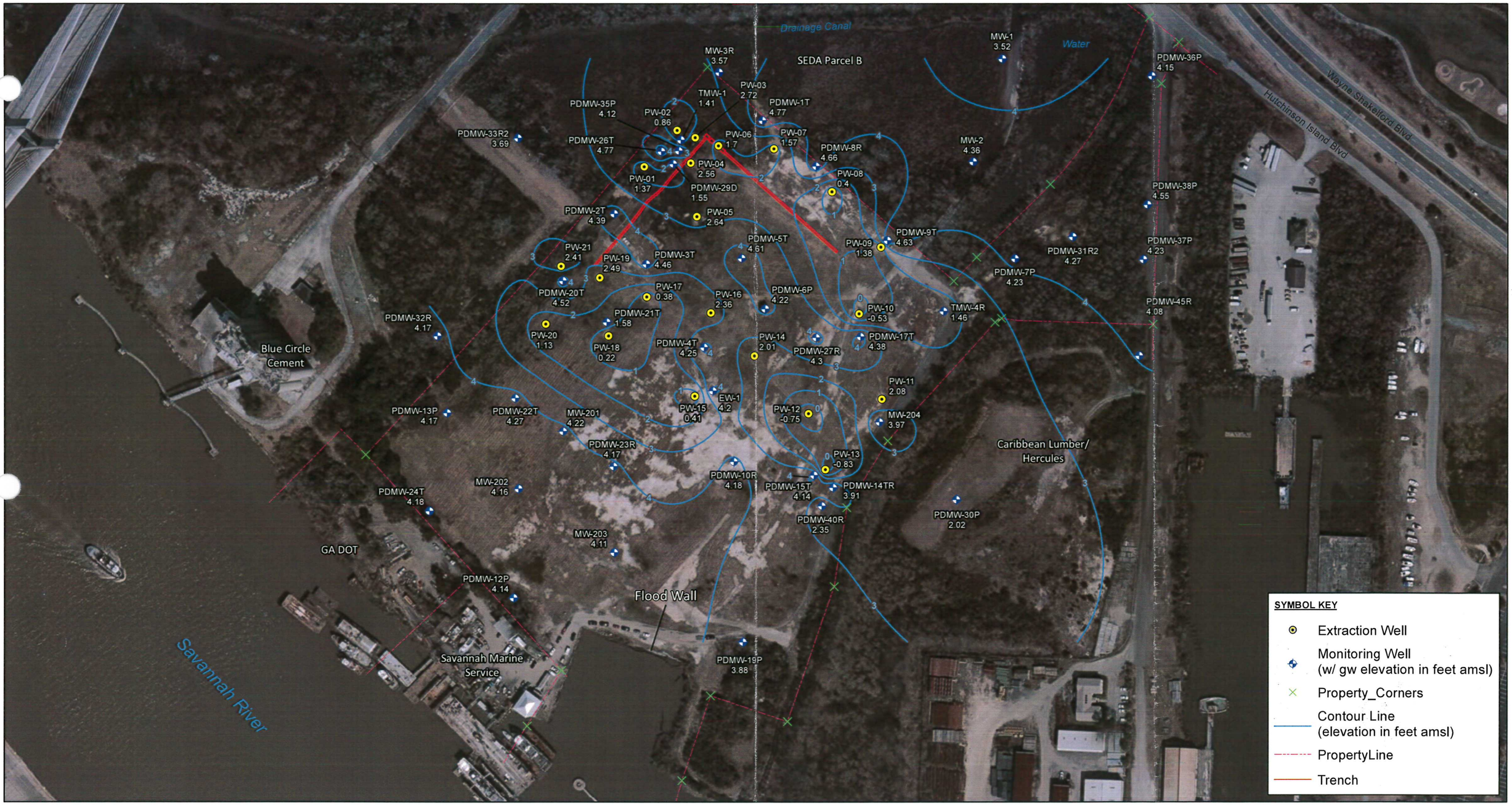
Ammonia Isoconcentration Map - June 2011
Hutchinson Island HSI - 10101 - Savannah, Georgia

0 200 400 800 1,200 1,600 Feet

02/27/2012	REV:	File: CSXT_Hutch_Is_Ammonia_Conc_June2011.mxd
Drawn: JBO	PROJ: 6-4300-5235-0300	Aerial data source: Bing Maps; obtained through ESRI online services, Feb-2012



AMEC Environment & Infrastructure 3800 Ezell Road Suite 100 Nashville, Tennessee 37211	amec	N	**CSX Transportation, Inc.**	**FIGURE 6** **March 2006 Potentiometric Surface Map** **Hutchinson Island HSI - 10101 - Savannah, Georgia**
0 200 400 800 1,200 1,600 Feet	05/15/2012	REV:	File: CSXT_Hutch_Is_GW_Contour_Map_March2006_VRP_Plan.mxd	
	Drawn: JBO	PROJ: 6-4300-5235-0300	Aerial data source: Bing Maps; obtained through ESRI online services, Feb-2012	



AMEC Environment & Infrastructure
3800 Ezell Road Suite 100
Nashville, Tennessee 37211

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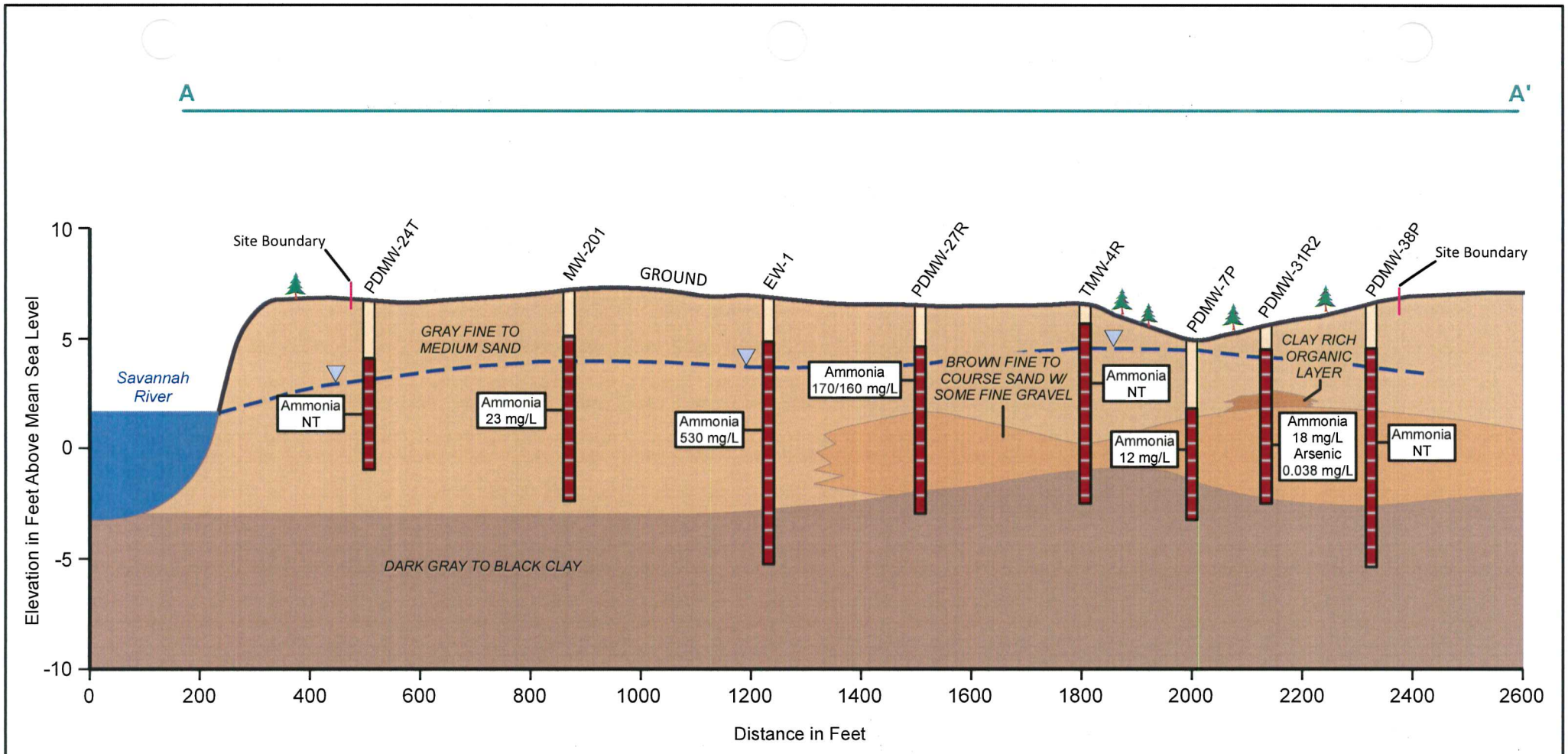
CSX Transportation, Inc.

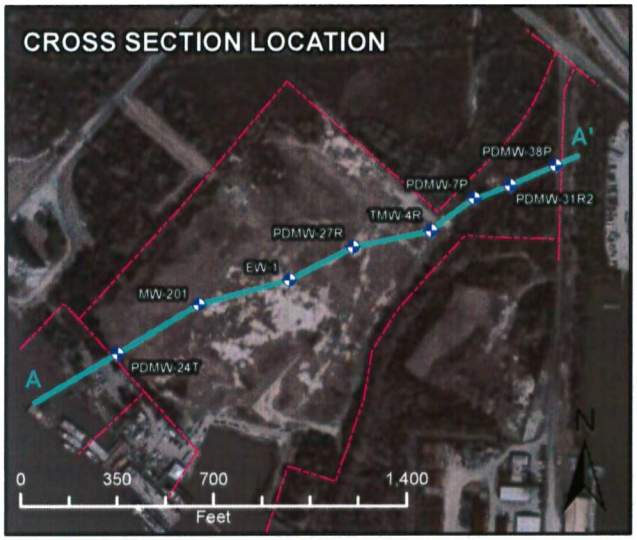
FIGURE 7

December 2011 Potentiometric Surface Map
Hutchinson Island HSI - 10101 - Savannah, Georgia

0 200 400 800 1,200 1,600 Feet

05/10/2012	REV:	File: SXT_Hutch_Is_GW_Contour_Map_Dec2011_VRP_Plan.mxd
Drawn: JBO	PROJ: 6-4300-5235	Aerial data source: Bing Maps; obtained through ESRI online services, Feb-2012





NOTES:
-Ammonia in groundwater data collected June 2011
-mg/L = milligrams per liter
-NT = Not Tested

SYMBOL KEY

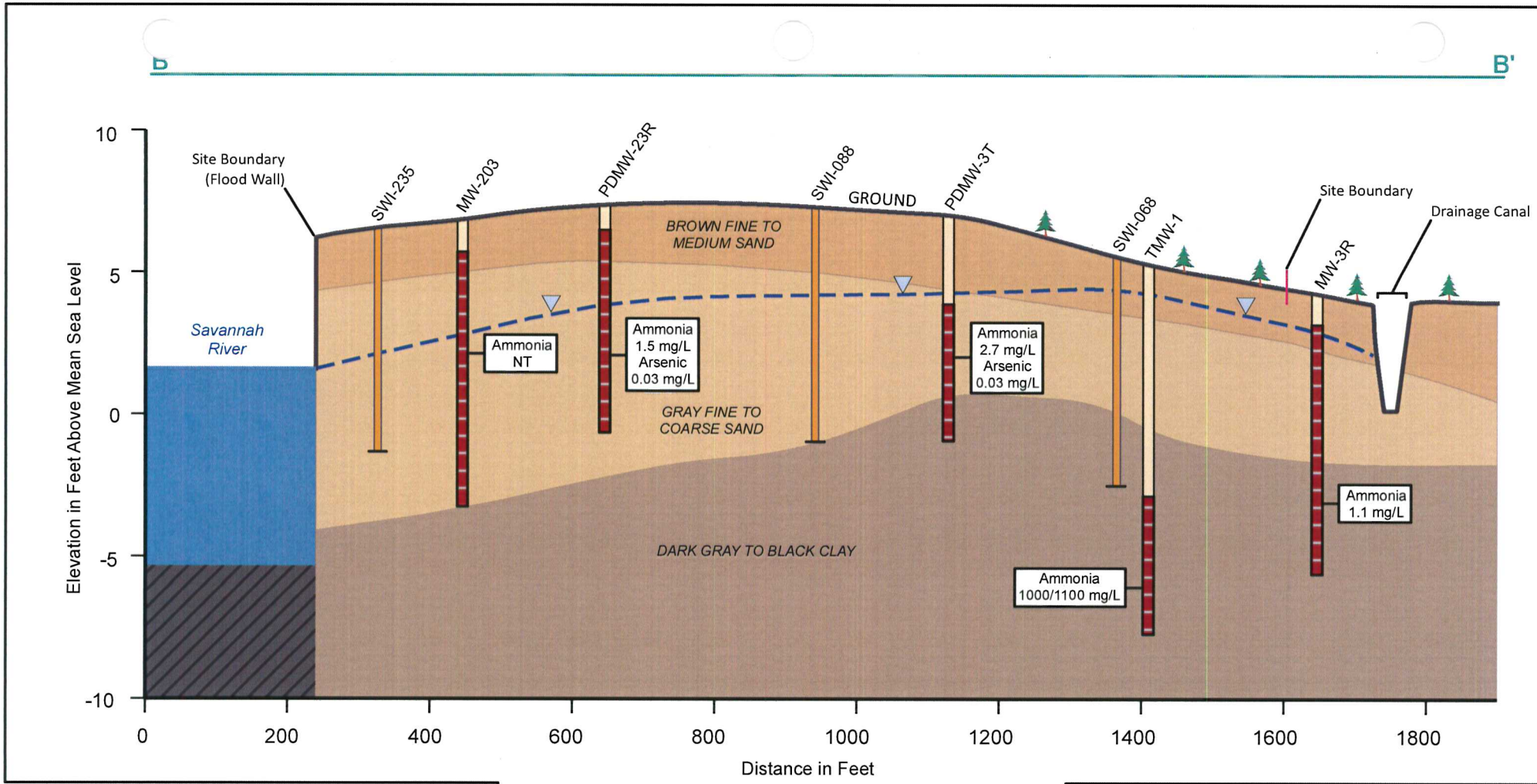
- Well Shaft
- Well Screen
- WaterTable
- Monitoring Well
- Cross Section Line
- PropertyLine

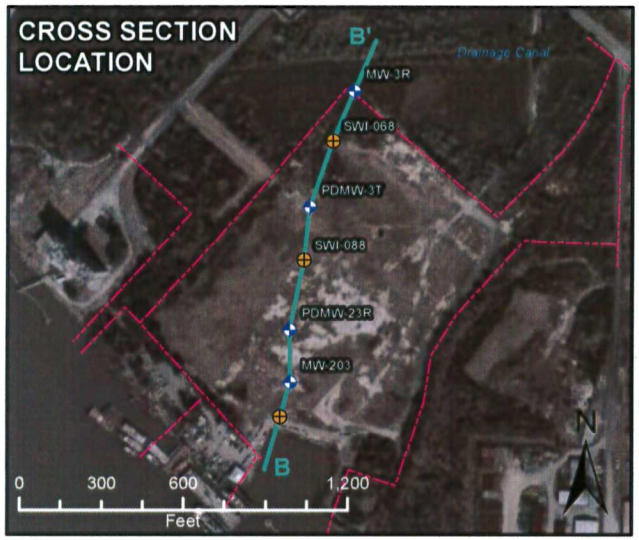
CSX Transportation, Inc.

FIGURE 8

Cross Section A-A' - Hutchinson Island HSI - 10101
Savannah, Georgia

-SCALE AS SHOWN-	amec	05/17/2012	File: CSXT_Hutch_Soil_Profile_A-A'_VRP_Plan.mxd
		PROJ: 6-4300-5235	Drawn: JBO





NOTES:
-Ammonia in groundwater data collected June 2011
-mg/L = milligrams per liter
-NT = Not Tested

SYMBOL KEY

- Boring Shaft
- Well Shaft
- Well Screen
- Water Table
- Shallow Boring
- Monitoring Well
- Cross Section Line
- PropertyLine

CSX Transportation, Inc.

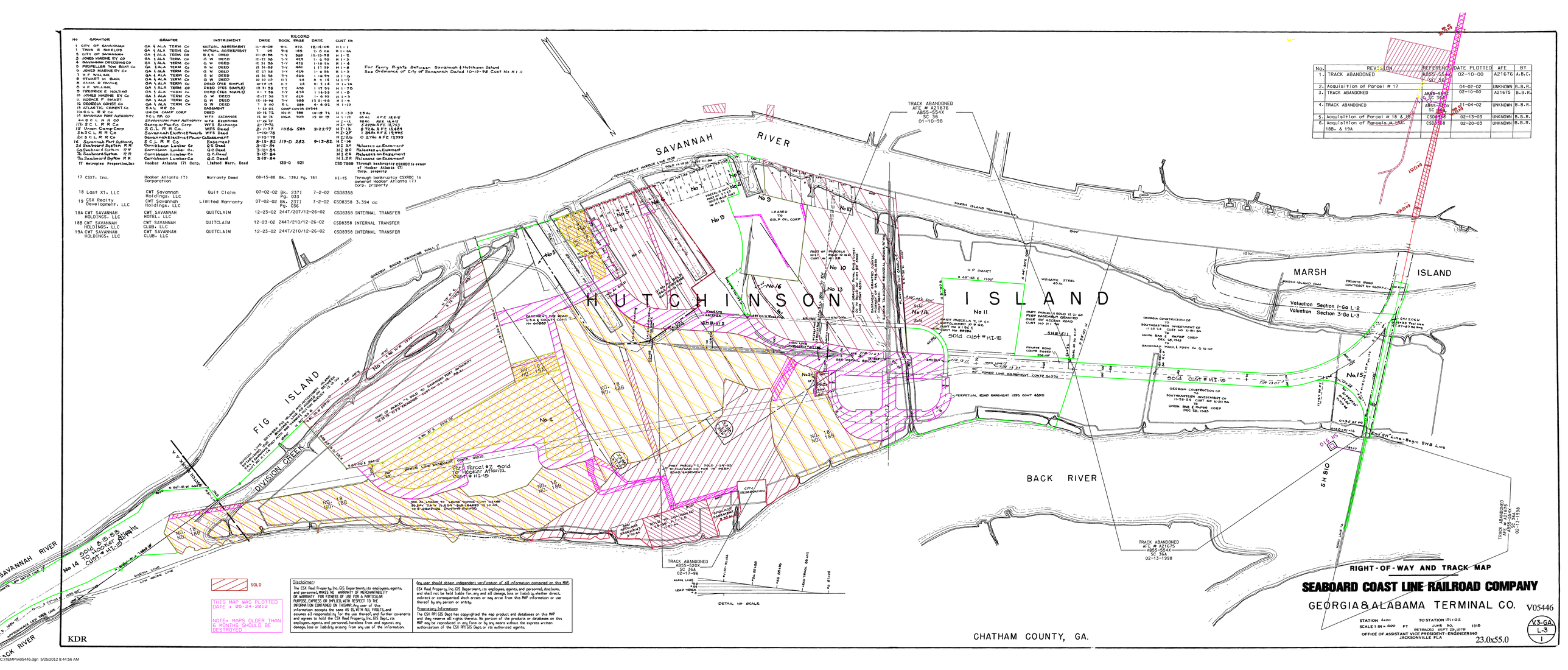
FIGURE 9

Cross Section B-B' - Hutchinson Island HSI - 10101
Savannah, Georgia

-SCALE AS SHOWN-	amec	05/17/2012	File: CSXT_Hutch_Soil_Profile_B-B'_VRP_Plan.mxd
		PROJ: 6-4300-5235	Drawn: JBO

APPENDIX A

RIGHT-OF-WAY AND TRACK MAP


RECORD
No GRANTOR GRANTEE INSTRUMENT DATE BOOK PAGE DATE CUST No
1 CITY OF SAVANNAH GA L ALA TERM Co MUTUAL AGREEMENT 11-15-09 D&C 312 12-14-09 H 1 - 1
1 THOS E SHIELDS GA L ALA TERM Co MUTUAL AGREEMENT 1 05 T-S 100 1 6 06 H 1 - 1A
2 CITY OF SAVANNAH GA L ALA TERM CO B & S DEED 11-19-96 T-Y 368 12-15-98 H 1 - 2
3 JONES MARINE RY CO GA L ALA TERM Co Q W DEED 12-17-98 T-Y 419 1 - 6 99 H 1 - 3
4 SAVANNAH DREDGING CO GA L ALA TERM Co Q W DEED 12 31 98 T-Y 420 1 - 10 99 H 1 - 4
5 PROPELLER TOW BOAT Co GA L ALA TERM Co Q W DEED 12 31 98 T-Y 441 1 11 99 H 1 - 5
6 JONES MARINE RY Co GA L ALA TERM Co Q W DEED 12 31 98 T-Y 419 1 - 6 99 H 1 - 3
7 H F WILLINK GA L ALA TERM Co Q W DEED 12 31 98 T-Y 406 1 - 10 99 H 1 - 6
8 STUART M BUCK GA L ALA TERM Co Q W DEED 10 10 13 11 1 22 3 2 14 H 1 - 7
9 ANNA R PAYNE GA L ALA TERM Co DEED (FEE SIMPLE) 10-10 13 11 1 24 3 2 14 H 1 - 7A
10 H F WILLINK GA L ALA TERM CO DEED (FEE SIMPLE) 12 31 98 T-Y 470 1 11 99 H 1 - 7B
11 FREDRICK E NOLTING GA L ALA TERM Co DEED (FEE SIMPLE) 11 - 7 98 T-Y 474 1 14 99 H 1 - 8
10 JONES MARINE RY Co GA L ALA TERM Co Q W DEED 12-17 98 T-Y 419 1 - 6 99 H 1 - 3
11 HORACE P SMART GA L ALA TERM Co Q W DEED 10-10 13 11 1 24 3 2 14 H 1 - 9
12 GEORGIA CONST Co GA L ALA TERM Co Q W DEED 1 3 00 5 L 589 3 4 02 H 1 - 10
13 ATLANTIC CEMENT Co S A L R R Co EASEMENT 1-13-05 COMP CONTR 05344
114 S C L R R Co UNION CAMP CORP DEED 10-11 72 10-14 386 10-19 73 H 1 - 3D 5.94±
14 SAVANNAH PORT AUTHORITY P C L P& CO WFS EXCHANGE 12 10 75 106A 709 12 10 15 H 1 - 1C 69 Ac AFE 18615
H 2 - 1C 98Ac AFE 18615
2a S C L R R Co SAVANNAH PORT AUTHORITY WFS EXCHANGE 11-24-76 H 2 - 1EF 3.299± AFE 18,753
11b C L R R Co Georgia-Pacific Corp WFS Exchange 2- 19-76 H 2 - 1F 8.726± AFE 18,753
15 Union Camp Corp S.C.L. R R Co. WFS Deed 2- 1-77 1086 589 3-22-77 H 2 - 1B 8.726± AFE 15,681
2b S C L R R Co Savannah Electric & Power Co WFS Deed 1-10-78 H 2 - 2F 1.36± AFE 15,995
2c S C L R R Co Savannah Electric & Power Co Easement 1-10-78 H 2 - 2G 0.27± AFE 15,995
16 Savannah Port Authority S C L R R Co Easement 8-13-82 119-D 282 9-13-82 H 1 - 1A
2d Seaboard System R R Carribbean Lumber Co Q C Deed 3-15-84 H 2 2A Releases an Easement
2e Seaboard System R R Carribbean Lumber Co. Q C Deed 3-15-84 H 2 2A Releases an Easement
2a Seaboard System R R Carribbean Lumber Co Q.C.Deed 3-15-84 H 2 2A Releases an Easement
2a Seaboard System R R Carribbean Lumber Co Q.C Deed 3-15-84 H 1 2A Releases an Easement
17 Metroplex Properties, Inc Hooker Atlanta (7) Corp. Limited Warr. Deed 139-0 621 CSD 7989 Through bankruptcy CSXROC is owner of Hooker Atlanta (7) Corp. property
17 CSXT. Inc. Hooker Atlanta (7) Corporation Warranty Deed 08-15-88 Bk. 139J Pg. 151 HI-15 Through bankruptcy CSXROC is owner of Hooker Atlanta (7) Corp. property
18 Last X1. LLC CWT Savannah Holdings. LLC Quit Claim 07-02-02 Bk. 2371 Pg. 033 7-2-02 CSD8358
19 CSX Realty Development. LLC CWT Savannah Holdings. LLC Limited Warranty 07-02-02 Bk. 2371 Pg. 036 7-2-02 CSD8358 3.394 ac
18A CWT SAVANNAH HOLDINGS. LLC CWT SAVANNAH HOTEL. LLC QUITCLAIM 12-23-02 2447/207/12-26-02 CSD8358 INTERNAL TRANSFER
18B CWT SAVANNAH HOLDINGS. LLC CWT SAVANNAH CLUB. LLC QUITCLAIM 12-23-02 2447/210/12-26-02 CSD8358 INTERNAL TRANSFER
19A CWT SAVANNAH HOLDINGS. LLC CWT SAVANNAH CLUB. LLC QUITCLAIM 12-23-02 2447/210/12-26-02 CSD8358 INTERNAL TRANSFER
For Ferry Rights Between Savannah & Hutchison Island See Ordinance of City of Savannah Dated 10-19-98 Cust No HI 11
SAVANNAH RIVER
HUTCHINSON ISLAND
FIG ISLAND
MARSH ISLAND
BACK RIVER
DIVISION CREEK
GARDEN BANKS TRAINING WALL
MARSH ISLAND TRAINING WALL
GOVERNMENT HARBOR LINE 1500
TRACK ABANDONED AFE # A21676 ABS5-554X SC 36 01-10-98
TRACK ABANDONED ABS5-520X SC 36A 02-17-96
TRACK ABANDONED AFE # A21675 ABS5-554X SC 36A 02-13-1998
TRACK ABANDONED AFE # A21676 ABS5-554X SC 36A 02-13-1998
LEASED TO GULF OIL CORP
H P SMART
MOHAWK STEEL 45 Ac
PRIVATE ROAD CONTR #6853
PRIVATE ROAD CONTR #6854
Valuation Section 1-Ga L-2
Valuation Section 3-Ga L-3
Sold CUST # HI-15
Part Parcel #2 Sold To Hooker Atlanta. Cust # HI-15
Part Parcel #1 Sold To Hooker Atlanta. Cust # HI-15
Part Parcel #2 Sold to Savannah Port Authority
POWER LINE EASEMENT CONTR 61070
PERPETUAL ROAD EASEMENT 1995 CONT 46891
GEORGIA CONSTRUCTION CO TO SOUTHEASTERN INVESTMENT CO 11-28-84 CUST NO K-911 BA
UNION BAG & PAPER CORP DEC 28, 1943
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APPENDIX B

PRELIMINARY FATE AND TRANSPORT MODELING OUTPUT SHEETS

BIOCHLOR Natural Attenuation Decision Support System

Version 2.2
Excel 2000

Hutchinson Island
TMW-1 - Canal
Run Name

Data Input Instructions:

115 → 1. Enter value directly....or
↑ or
0.02 → 2. Calculate by filling in gray cells. Press Enter, then ↵
(To restore formulas, hit "Restore Formulas" button)
Variable* → Data used directly in model.

Test if Biotransformation is Occurring → Natural Attenuation Screening Protocol

TYPE OF CONSTITUENT: Ammonia ● Ethanes ○

1. ADVECTION

Seepage Velocity*	Vs	24.7	(ft/yr)
or			
Hydraulic Conductivity	K	4.6E-03	(cm/sec)
Hydraulic Gradient	i	0.0013	(ft/ft)
Effective Porosity	n	0.25	(-)

2. DISPERSION

Alpha x*	22.5	(ft)	Calc. Alpha x
(Alpha y) / (Alpha x)*	0.1	(-)	
(Alpha z) / (Alpha x)*	1.E-99	(-)	

3. ADSORPTION

Retardation Factor* → R
or

Soil Bulk Density, rho	1.7	(kg/L)		
FractionOrganicCarbon, foc	1.0E-3	(-)		
Partition Coefficient	Koc			
Ammonia	0	(L/kg)	1.00	(-)
		(L/kg)	1.00	(-)
		(L/kg)	1.00	(-)
		(L/kg)	1.00	(-)
		(L/kg)	1.00	(-)
Common R (used in model)* =			**1.00**	

4. BIOTRANSFORMATION

-1st Order Decay Coefficient*

	λ (1/yr)	half-life (yrs)	Yield
Zone 1			
PCE → TCE	0.000		0.79
TCE → DCE	0.000		0.74
DCE → VC	0.000		0.64
VC → ETH	0.000		0.45
Zone 2	λ (1/yr)	half-life (yrs)	
PCE → TCE	0.000		λ HELP
TCE → DCE	0.000		
DCE → VC	0.000		
VC → ETH	0.000		

5. GENERAL

Simulation Time*	50	(yr)
Modeled Area Width*	300	(ft)
Modeled Area Length*	225	(ft)
Zone 1 Length*	225	(ft)
Zone 2 Length*	0	(ft)

L, W

Zone 2= L - Zone 1

6. SOURCE DATA

TYPE: Decaying Single Planar

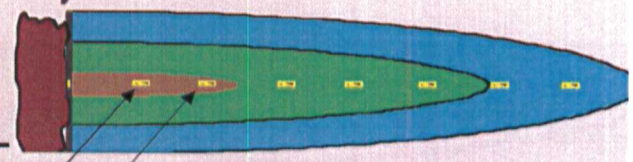
Source Options

Source Thickness in Sat. Zone* 5 (ft)

Width* (ft) Y1: 300

Conc. (mg/L)*	C1	k_s* (1/yr)
Ammonia	4600.0	0.05
		0.05
		0.05
		0.05
		0.05

Vertical Plane Source: Determine Source Well Location and Input Solvent Concentrations



View of Plume Looking Down

Observed Centerline Conc. at Monitoring Wells

7. FIELD DATA FOR COMPARISON

Ammonia Conc. (mg/L)											
Distance from Source (ft)											
Date Data Collected											

8. CHOOSE TYPE OF OUTPUT TO SEE:

RUN CENTERLINE | RUN ARRAY | Help | Restore Formulas | RESET | SEE OUTPUT | Paste Example

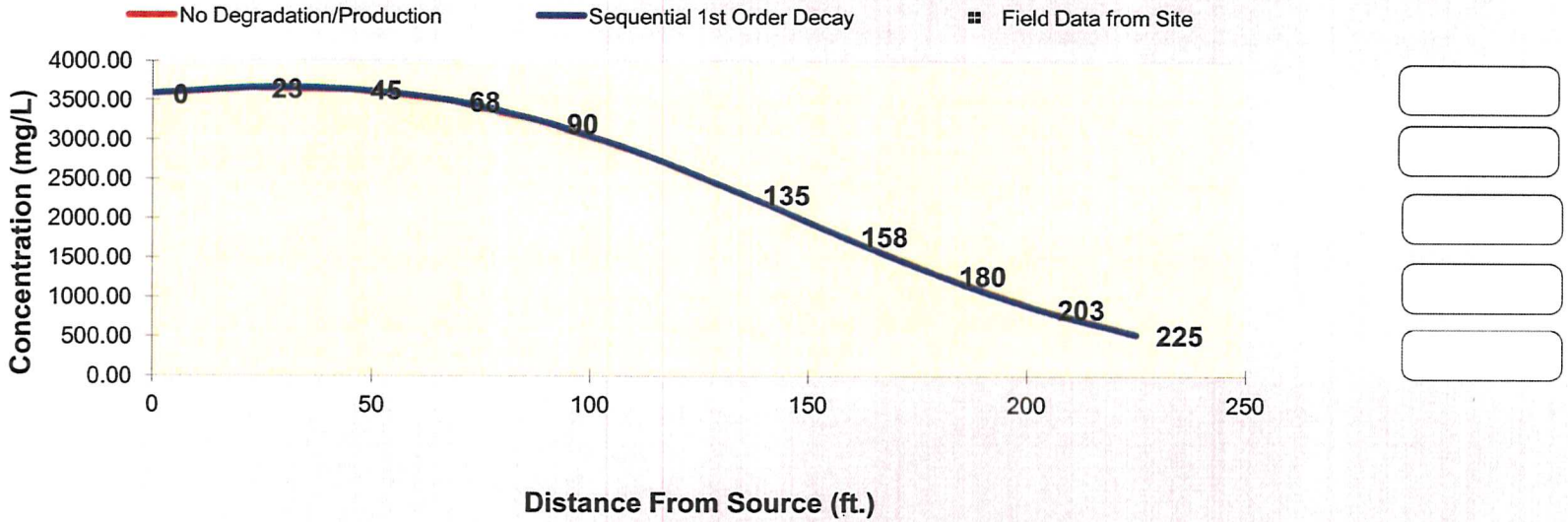
AMMONIA CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

Distance from Source (ft)

Ammonia	0	23	45	68	90	113	135	158	180	203	225
No Degradation	3582.484	3656.617	3639.355	3498.835	3219.438	2811.715	2314.117	1784.216	1282.563	856.294	529.380
Biotransformation	3582.4836	3656.617	3639.355	3498.835	3219.438	2811.715	2314.117	1784.216	1282.563	856.294	529.380

Monitoring Well Locations (ft)

Field Data from Site											



Time:

5.0 Years

Log ⟺ Linear

Replay

Return to Input

To All

To Array

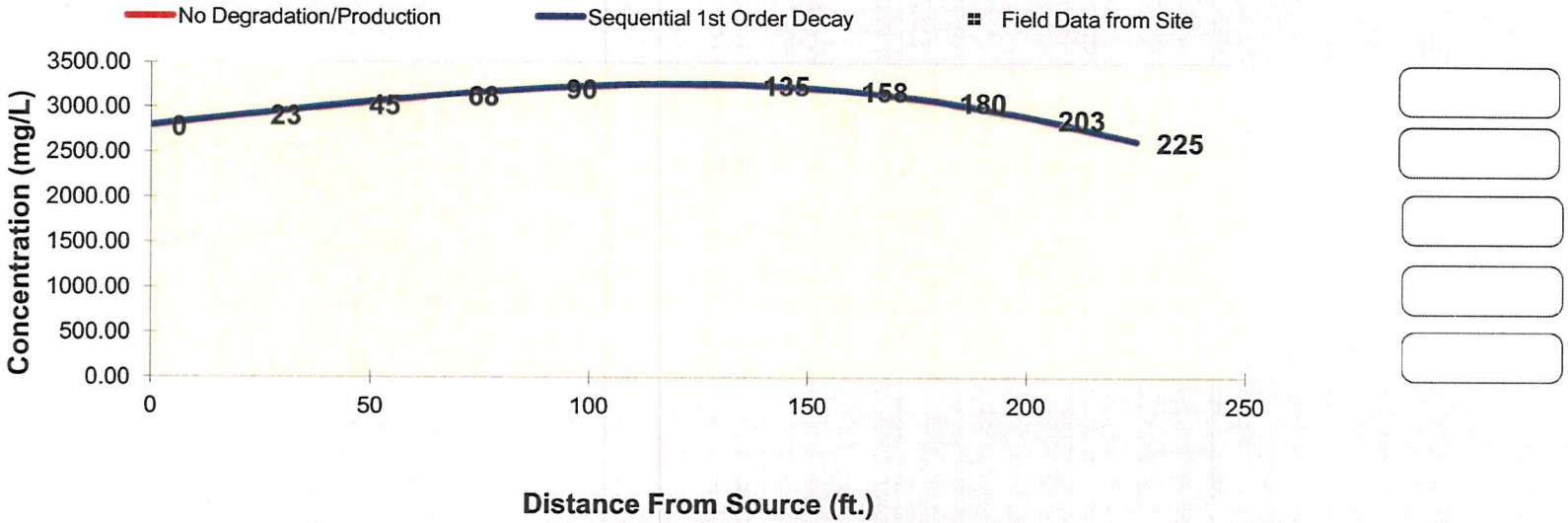
AMMONIA CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

Distance from Source (ft)

Ammonia	0	23	45	68	90	113	135	158	180	203	225
No Degradation	2790.041	2914.708	3032.854	3136.735	3216.412	3260.401	3256.963	3195.938	3070.807	2880.535	2630.647
Biotransformation	2790.0411	2914.708	3032.854	3136.735	3216.412	3260.401	3256.963	3195.938	3070.807	2880.535	2630.647

Monitoring Well Locations (ft)

Field Data from Site											



Replay

Time:

10.0 Years

Log ⟺ Linear

Return to Input

To All

To Array

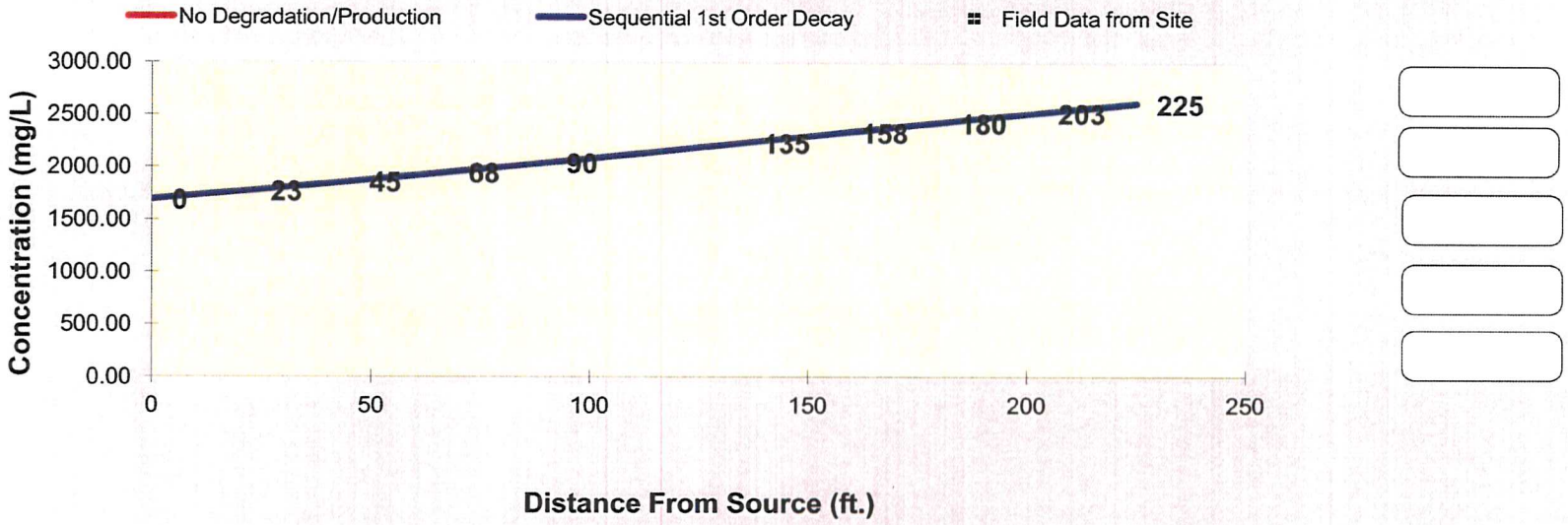
AMMONIA CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

Distance from Source (ft)

Ammonia	0	23	45	68	90	113	135	158	180	203	225
No Degradation	1692.245	1774.666	1860.750	1950.397	2043.350	2139.128	2236.954	2335.672	2433.672	2528.827	2618.460
Biotransformation	1692.2455	1774.666	1860.750	1950.397	2043.350	2139.128	2236.954	2335.672	2433.672	2528.827	2618.460

Monitoring Well Locations (ft)

Field Data from Site											



Replay

Time:

20.0 Years

Log ⟺ Linear

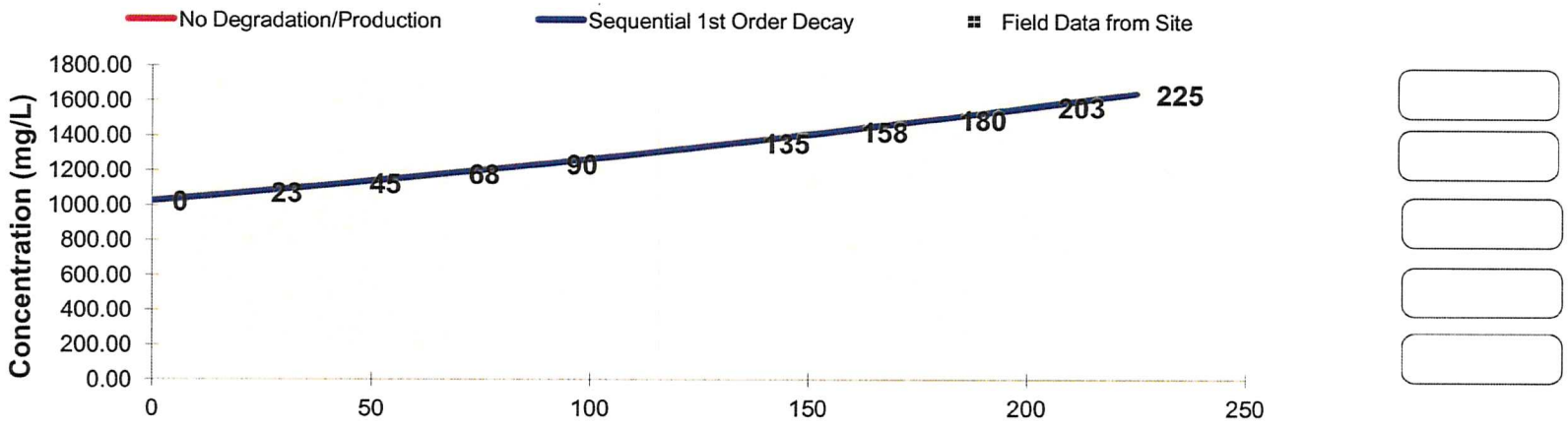
Return to Input

To All

To Array

AMMONIA CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

Ammonia	Distance from Source (ft)										
	0	23	45	68	90	113	135	158	180	203	225
No Degradation	1026.399	1076.571	1129.182	1184.339	1242.149	1302.710	1366.109	1432.412	1501.656	1573.829	1648.860
Biotransformation	1026.3988	1076.571	1129.182	1184.339	1242.149	1302.710	1366.109	1432.412	1501.656	1573.829	1648.860
	Monitoring Well Locations (ft)										
Field Data from Site											



Distance From Source (ft.)

Replay

Time:
30.0 Years
Log ⟺ Linear

Return to Input

To All

To Array

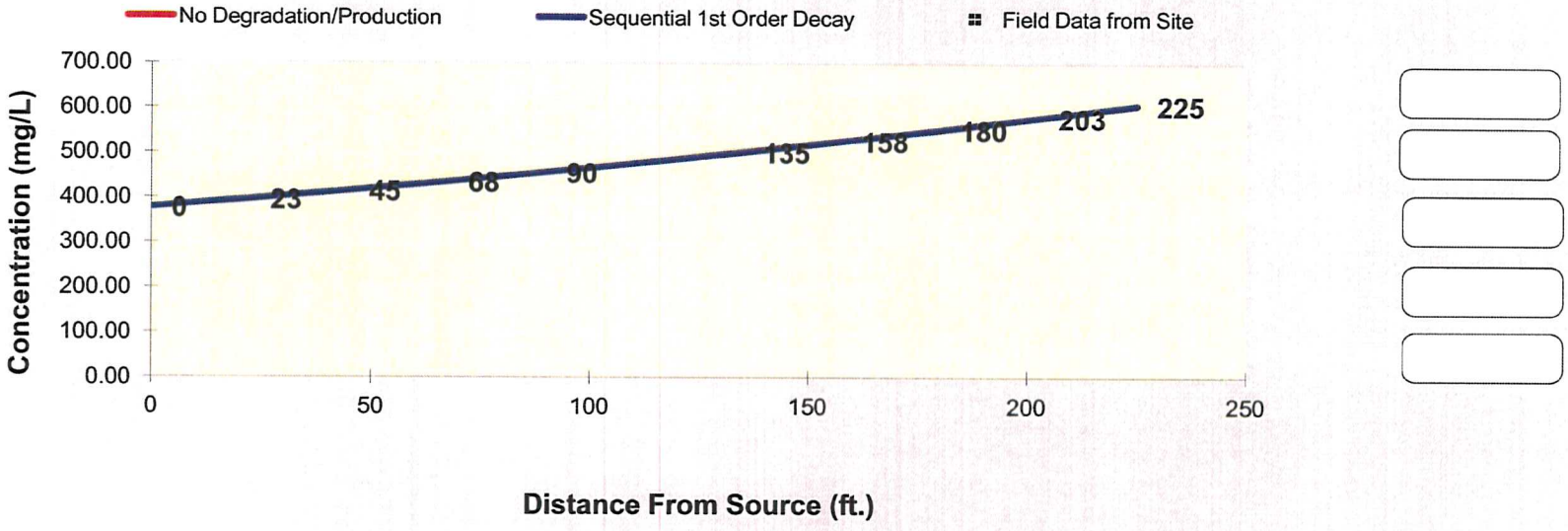
AMMONIA CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

Distance from Source (ft)

Ammonia	0	23	45	68	90	113	135	158	180	203	225
No Degradation	377.591	396.053	415.417	435.728	457.032	479.377	502.815	527.398	553.182	580.225	608.588
Biotransformation	377.5910	396.053	415.417	435.728	457.032	479.377	502.815	527.398	553.182	580.225	608.588

Monitoring Well Locations (ft)

Field Data from Site											



Replay

Time:

50.0 Years

Log ⟺ Linear

Return to Input

To All

To Array

BIOCHLOR Natural Attenuation Decision Support System

Version 2.2
Excel 2000

Hutchinson Island
MW-203 - River
Run Name

Data Input Instructions:
115 → 1. Enter value directly....or
↑ or 0.02 → 2. Calculate by filling in gray cells. Press Enter, then C
(To restore formulas, hit "Restore Formulas" button)
Variable* → Data used directly in model.

Test if Biotransformation is Occurring → Natural Attenuation Screening Protocol

TYPE OF CONSTITUENT: Ammonia ● Ethanes ○

1. ADVECTION

Seepage Velocity*	Vs	11.4	(ft/yr)
or			
Hydraulic Conductivity	K	4.6E-03	(cm/sec)
Hydraulic Gradient	i	0.0006	(ft/ft)
Effective Porosity	n	0.25	(-)

2. DISPERSION

Alpha x*	22.5	(ft)
(Alpha y) / (Alpha x)*	0.1	(-)
(Alpha z) / (Alpha x)*	1.E-99	(-)

Calc. Alpha x

3. ADSORPTION

Retardation Factor* → R

or

Soil Bulk Density, rho	1.7	(kg/L)		
FractionOrganicCarbon, foc	1.0E-3	(-)		
Partition Coefficient	Koc			
Ammonia	0	(L/kg)	1.00	(-)
		(L/kg)	1.00	(-)
		(L/kg)	1.00	(-)
		(L/kg)	1.00	(-)
		(L/kg)	1.00	(-)
Common R (used in model)* =			**1.00**	

4. BIOTRANSFORMATION

-1st Order Decay Coefficient*

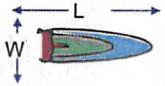
Zone 1	λ (1/yr)	half-life (yrs)	Yield
PCE → TCE	0.000		0.79
TCE → DCE	0.000		0.74
DCE → VC	0.000		0.64
VC → ETH	0.000		0.45

Zone 2	λ (1/yr)	half-life (yrs)
PCE → TCE	0.000	
TCE → DCE	0.000	
DCE → VC	0.000	
VC → ETH	0.000	

λ HELP

5. GENERAL

Simulation Time*	50	(yr)	
Modeled Area Width*	300	(ft)	
Modeled Area Length*	200	(ft)	
Zone 1 Length*	200	(ft)	
Zone 2 Length*	0	(ft)	Zone 2= L - Zone 1



6. SOURCE DATA

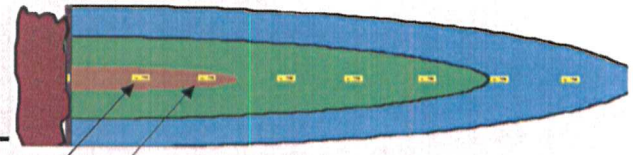
TYPE: Decaying Single Planar

Source Options

Source Thickness in Sat. Zone* 5 (ft)

	Y1	k_s* (1/yr)
Width* (ft)	300	
Conc. (mg/L)*	C1	
Ammonia	1.0	0.05
		0.05
		0.05
		0.05
		0.05

Vertical Plane Source: Determine Source Well Location and Input Solvent Concentrations



View of Plume Looking Down

Observed Centerline Conc. at Monitoring Wells

7. FIELD DATA FOR COMPARISON

Ammonia Conc. (mg/L)											
Distance from Source (ft)											
Date Data Collected											

8. CHOOSE TYPE OF OUTPUT TO SEE:

RUN CENTERLINE | RUN ARRAY | Help | Restore Formulas | RESET | SEE OUTPUT | Paste Example

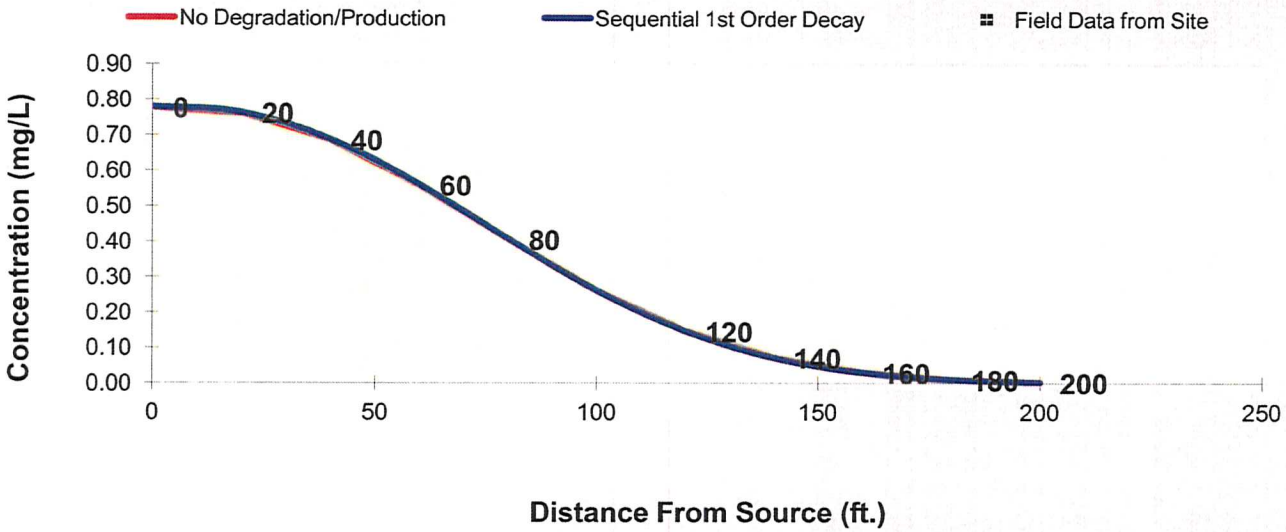
AMMONIA CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

Distance from Source (ft)

Ammonia	0	20	40	60	80	100	120	140	160	180	200
No Degradation	0.779	0.764	0.688	0.561	0.409	0.263	0.148	0.073	0.031	0.012	0.004
Biotransformation	0.7788	0.764	0.688	0.561	0.409	0.263	0.148	0.073	0.031	0.012	0.004

Monitoring Well Locations (ft)

Field Data from Site											



Replay

Time:

5.0 Years

Log ⟺ Linear

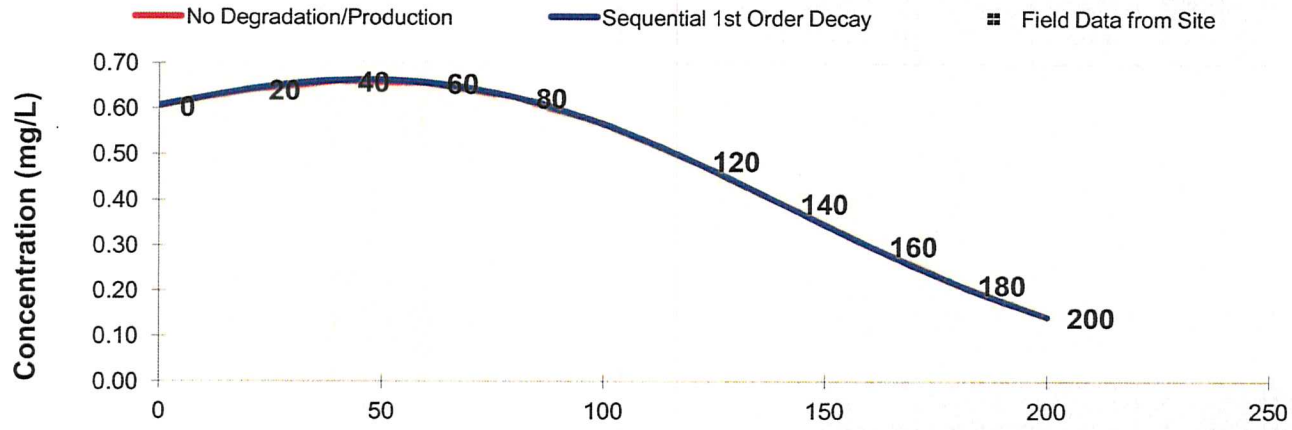
Return to Input

To All

To Array

AMMONIA CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

Ammonia	Distance from Source (ft)										
	0	20	40	60	80	100	120	140	160	180	200
No Degradation	0.607	0.643	0.662	0.658	0.626	0.568	0.488	0.396	0.302	0.216	0.144
Biotransformation	0.6065	0.643	0.662	0.658	0.626	0.568	0.488	0.396	0.302	0.216	0.144
	Monitoring Well Locations (ft)										
Field Data from Site											



Replay

Time:
10.0 Years
Log ⟺ Linear

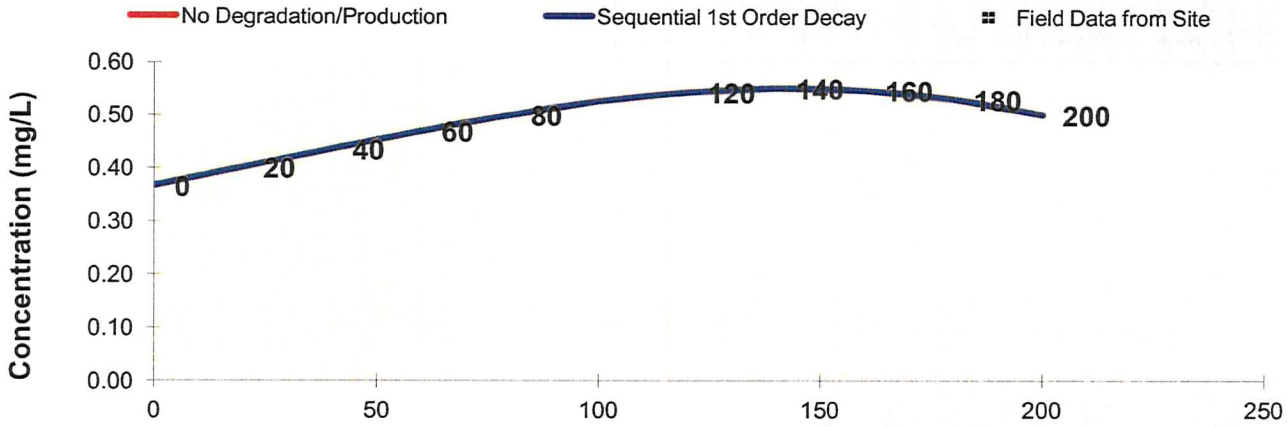
Return to Input

To All

To Array

AMMONIA CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

Ammonia	Distance from Source (ft)										
	0	20	40	60	80	100	120	140	160	180	200
No Degradation	0.368	0.402	0.437	0.471	0.502	0.527	0.545	0.553	0.549	0.533	0.504
Biotransformation	0.3679	0.402	0.437	0.471	0.502	0.527	0.545	0.553	0.549	0.533	0.504
	Monitoring Well Locations (ft)										
Field Data from Site											



Replay

Time:
20.0 Years
Log ⟺ Linear

Return to Input

To All

To Array

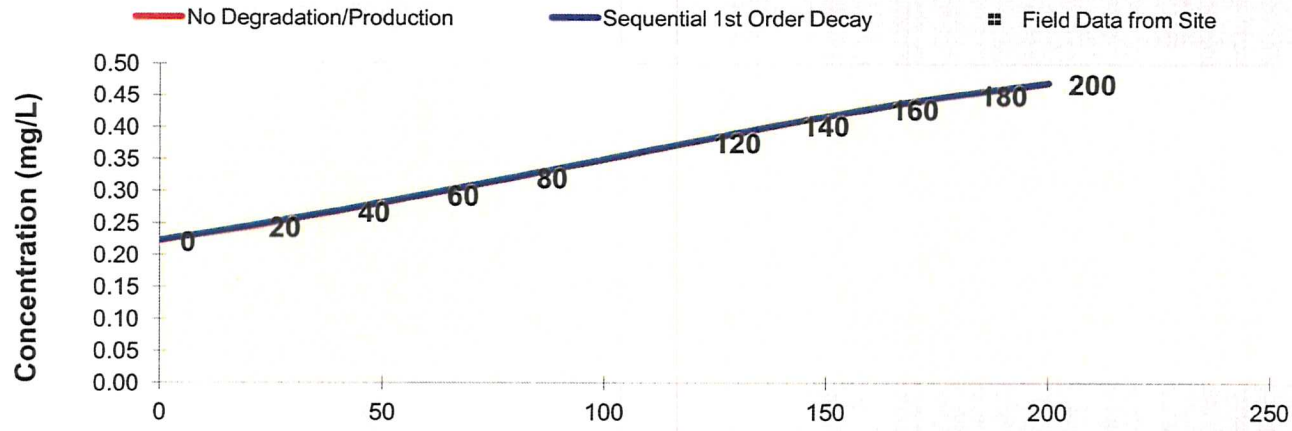
AMMONIA CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

Distance from Source (ft)

Ammonia	0	20	40	60	80	100	120	140	160	180	200
No Degradation	0.223	0.246	0.270	0.296	0.323	0.351	0.379	0.406	0.431	0.454	0.472
Biotransformation	0.2231	0.246	0.270	0.296	0.323	0.351	0.379	0.406	0.431	0.454	0.472

Monitoring Well Locations (ft)

Field Data from Site											



Replay

Time:

30.0 Years

Log ⟺ Linear

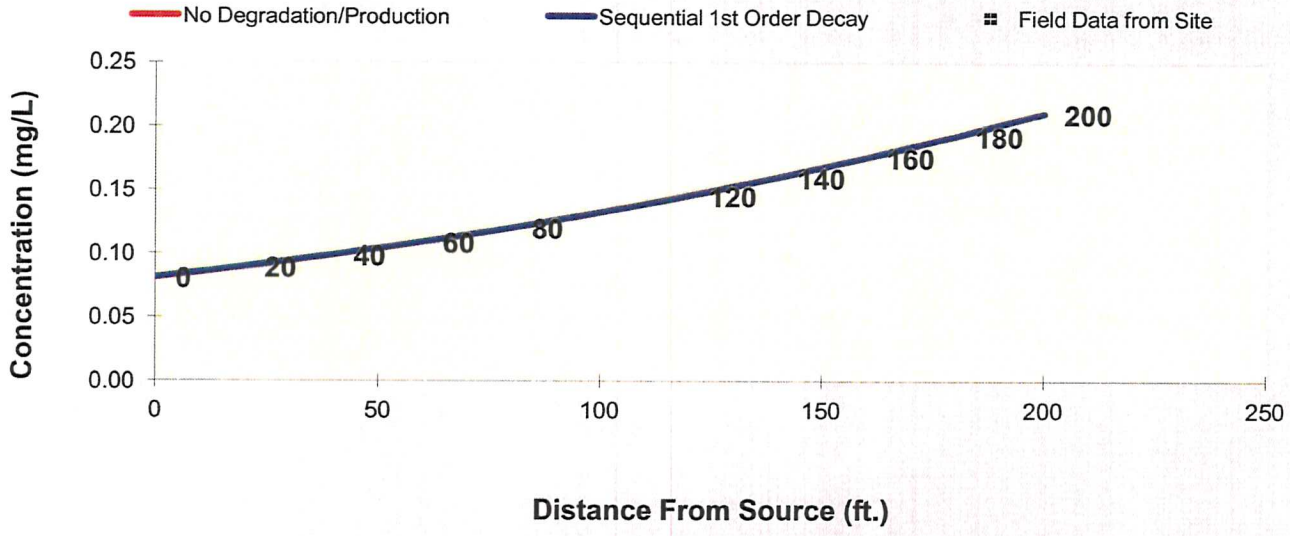
Return to Input

To All

To Array

AMMONIA CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

Ammonia	Distance from Source (ft)										
	0	20	40	60	80	100	120	140	160	180	200
No Degradation	0.082	0.091	0.100	0.110	0.121	0.134	0.147	0.162	0.177	0.194	0.212
Biotransformation	0.0821	0.091	0.100	0.110	0.121	0.134	0.147	0.162	0.177	0.194	0.212
	Monitoring Well Locations (ft)										
Field Data from Site											



Time:

50.0 Years

Log ⟺ Linear

Replay

Return to Input

To All

To Array

APPENDIX C

REGISTERED PROFESSIONAL SUPPORTING DOCUMENTATION

Stephen R. Foley, P.G.
Summary of Hours and Services
CSXT – Hutchinson Island
HSI Site No. 10101
AMEC Project No. 6-4300-5238

VRP Application Submittal to EPD date June 6, 2012

87 hours charged between April 2, 2012 and June 5, 2012
Services included preparation of VRP Application for submittal to EPD.