

**VOLUNTARY INVESTIGATION AND REMEDIATION PLAN (VIRP)
REPORT AND VRP APPLICATION
FOR THE
FORMER OIL PROCESSING CORPORATION PROPERTY
WRENS, JEFFERSON COUNTY, GEORGIA[©]**
HSI# 10245

DOCUMENT PRESENTED TO:

**GEORGIA ENVIRONMENTAL PROTECTION DIVISION
HAZARDOUS WASTE MANAGEMENT BRANCH
2 MARTIN LUTHER KING, JR. DRIVE, SE, SUITE 1154
ATLANTA, GEORGIA 30334-9000**

DOCUMENT PREPARED BY:

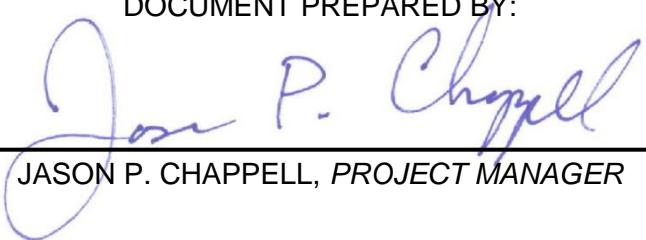


**PEACHTREE ENVIRONMENTAL
3000 NORTHWOODS PARKWAY, SUITE 105
NORCROSS, GEORGIA 30071
(770) 449-6100 · (770) 449-6119 FAX
WWW.PEACHTREEENVIRONMENTAL.COM**

AUGUST 2013
© COPYRIGHT, PEACHTREE ENVIRONMENTAL

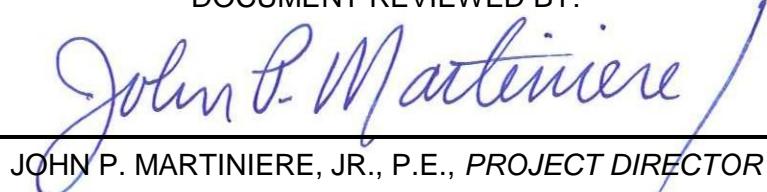
THE INFORMATION CONTAINED IN THIS REPORT TITLED
"VOLUNTARY INVESTIGATION AND REMEDIATION PLAN (VIRP)
AND VRP APPLICATION FOR THE
FORMER OIL PROCESSING CORPORATION PROPERTY
WRENS, JEFFERSON COUNTY, GEORGIA©"
HSI#10245

DOCUMENT PREPARED BY:

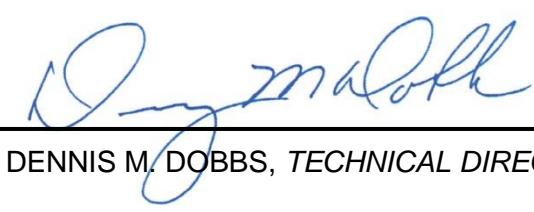


JASON P. CHAPPELL, PROJECT MANAGER

DOCUMENT REVIEWED BY:



JOHN P. MARTINERE, JR., P.E., PROJECT DIRECTOR



DENNIS M. DOBBS, TECHNICAL DIRECTOR

AUGUST 2013

© 2013 Peachtree Environmental

**VOLUNTARY INVESTIGATION AND REMEDIATION PLAN (VIRP)
AND VRP APPLICATION FOR THE
FORMER OIL PROCESSING CORPORATION PROPERTY
WRENS, JEFFERSON COUNTY, GEORGIA©
HSI#10245**

copyright © 2013, Peachtree Environmental

TABLE OF CONTENTS

1.0	INTRODUCTION AND BACKGROUND	6
1.1	INTRODUCTION	6
1.2	VRP PROPERTY DESCRIPTION	6
1.3	QUALIFICATIONS OF THE VRP PROPERTY AND VRP APPLICANT	6
2.0	VRP PROPERTY INVESTIGATION AND CORRECTIVE ACTION HISTORY.....	9
2.1	HISTORIC PROPERTY OPERATIONS.....	9
2.2	LISTING ON THE GEORGIA HAZARDOUS SITE INVENTORY	9
2.3	INITIAL CORRECTIVE ACTION ACTIVITIES – 1994 - 1996	9
2.4	COMPLIANCE STATUS REPORT – FEBRUARY AND AUGUST 1997	9
2.5	REVISED CORRECTIVE ACTION PLAN – 2001.....	9
2.6	GROUNDWATER SAMPLING ACTIVITIES – JUNE 2013	10
3.0	PRELIMINARY CONCEPTUAL SITE MODEL.....	11
3.1	SURFACE AND SUB-SURFACE SETTING	11
3.1.1	Surface Setting	11
3.1.2	Subsurface Setting	11
3.2	KNOWN OR SUSPECTED SOURCE AREAS	12
3.3	CONTAMINANT MIGRATION PATHWAYS.....	12
3.4	SOIL AND GROUNDWATER IMPACTS	12
3.4.1	Soil Impacts	12
3.4.2	Groundwater Impacts.....	13
3.5	REGULATED SUBSTANCES	13
3.5.1	Constituents of Concern (COCs) in Soil	13
3.5.2	Constituents of Concern (COCs) in Groundwater	14
3.6	PRELIMINARY REMEDIATION PLAN	15
4.0	VRP COMPLIANCE STATUS REPORT PREPARATION.....	16
4.1	CONTAMINANT MIGRATION PATHWAYS.....	16

4.2	EXPOSURE PATHWAY MODELING.....	16
4.3	RECALCULATION OF RISK BASED CLEANUP STANDARDS	16
5.0	MILESTONE SCHEDULE	17

LIST OF FIGURES

Figure 1	Property Location / USGS Topographic Map
Figure 2	Property Layout Map
Figure 3	Potentiometric Surface Map – June 2013
Figure 4	Suspected Source Area Location Map
Figure 5	June 2013 Groundwater Results Map
Figure 6A	CSM Cross-Section Location Map
Figure 6B	CSM Cross-Section (A – A')
Figure 6C	CSM Cross-Section (B – B')
Figure 7	1,1-Dichloroethane (1,1-DCA) Isocontour Map
Figure 8	1,1,2-Trichloroethane (1,1,2-TCA) Isocontour Map
Figure 9	1,2-Dichloroethane (1,2-DCA) Isocontour Map
Figure 10	cis-1,2-Dichloroethene (cis-1,2-DCE) Isocontour Map
Figure 11	Benzene Isocontour Map
Figure 12	Tetrachloroethene (PCE) Isocontour Map
Figure 13	Trichloroethene (TCE) Isocontour Map
Figure 14	Vinyl Chloride (VC) Isocontour Map
Figure 15	Total Volatile Organic Compounds (VOCs) Isocontour Map

LIST OF TABLES

Table 1	Summary of Groundwater Elevations
Table 2	Summary of Groundwater Analytical Results - 2013
Tables 3A-T	Summary of Historic Groundwater Analytical Results

LIST OF APPENDICES

Appendix A	Property Warranty Deed and Tax Plat
Appendix B	February 2013 SVE System Air Sampling Analytical Testing Results
Appendix C	June 2013 Groundwater Sampling Analytical Testing Results
Appendix D	Historic Trend Graphs
Appendix E	Milestone Schedule

ACRONYMS

AES	Analytical Environmental Services, Inc.
AFCEE	Air Force Center for Environmental Excellence
APLS	Aqueous Phase Liquids
Applicant	THGC Wrens LLC
bgs	Below Ground Surface
bls	Below Land Surface
CAP	Corrective Action Plan
cis-1,2-DCE	cis-1,2-Dichloroethene
CSR	Compliance Status Report
COCs	Constituents of Concern
COPC	Constituent of Potential Concern
CSM	Conceptual Site Model
EMNA	Enhanced Monitored Natural Attenuation
Georgia EPD	Georgia Environmental Protection Division
GHWMA	Georgia Hazardous Waste Management Act
HRC	Hydrogen Releasing Compound
HSI	Hazardous Site Inventory
HSRA	Hazardous Site Response Act
HSRP	Hazardous Site Response Program
HWMA	Hazardous Waste Management Act
IRIS	Integrated Risk Information System
ISCO	In-situ Chemical Oxidation
MCL	Maximum Contaminant Levels
µg/L	Micrograms per Liter (same as ppb)
mg/Kg	Milligrams per Kilogram (same as ppm)
mg/L	Milligrams per Liter (same as ppm)
NAPLs	Non-Aqueous Phase Liquids
NC	Notification Concentration
Peachtree	Peachtree Environmental
PCE	Tetrachloroethene, Perchloroethene
POD	Point of Demonstration
ppb	Parts per Billion
ppm	Parts per Million
PRE	Preliminary Risk Evaluation
VRP Property	Former Oil Processing Corporation Property
RAGS	Risk Assessment Guidance for Superfund
RBCA	Risk Based Corrective Action
REC	Recognized Environmental Conditions
RN	Release Notification
RQSM	Reportable Quantities Screening Method
RRS	Risk Reduction Standard
SVE	Soil Vapor Extraction
SVOCs	Semi-Volatile Organic Compounds
TCLP	Toxicity Characteristic Leaching Procedure
TCE	Trichloroethene
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
VIRP	Voluntary Investigation and Remediation Plan
VRP	Voluntary Remediation Program
VOCs	Volatile Organic Compounds

1.0 INTRODUCTION AND BACKGROUND

1.1 INTRODUCTION

PEACHTREE ENVIRONMENTAL (“Peachtree”) is submitting this Voluntary Investigation and Remediation Plan (“VIRP”) and Voluntary Remediation Program (“VRP”) Application on behalf of the Applicant, THGC Wrens LLC (“THGC”), for the Former Oil Processing Corporation property located at Industrial Street, in Wrens, Jefferson County, Georgia (the “VRP Property”); HSI #10245. The purpose of this VIRP and VRP Application is to provide supporting documentation in completing the State of Georgia’s March 30, 2010 VRP Application Form and Checklist. Part of the VRP Application Form and Checklist is to detail a Conceptual Site Model for the property, including a preliminary VIRP, a table of delineation standards, supporting text, tables, charts and figures, which illustrates the Site’s surface and subsurface setting, sources of contamination, contaminant migration pathways, and potential human and environmental receptors and complete exposure pathways.

1.2 VRP PROPERTY DESCRIPTION

The VRP Property is located in an industry. The VRP Property consists of a single parcel of land totaling approximately 8.31 acres, which is more fully described as follows:

- Industrial Street - Parcel ID: 0085 008 (8.31 Acres).

The VRP Property has a latitude coordinate of 33° 11' 21" North and a longitude coordinate of 83° 23' 39" West. A VRP Property Location / USGS Topographic Map is included as **Figure 1**.

The VRP Property was utilized as an oil processing and recycling facility from 1969 to the late 1980s. The VRP Property was listed on the Hazardous Site Inventory on June 29, 1994 (HSI # 10245). The VRP Property is currently vacant and contains a single story metal storage building and a former railroad spur. The VRP Property is bordered by:

- North – Industrial Street;
- East – Former Georgia Clay Mining Property (sub-listed with HSI #10245);
- South – Norfolk Southern Railway; and
- West – Vacant Land

A VRP Property Layout Map is provided as **Figure 2**. It should be noted that the sub-listed Georgia Clay Mining Property was a former landfill site for the City of Wrens, dating back to the 1940s. THGC contends that the release associated with the light non-aqueous phase liquid (LNAPL) observed in MW-11 resulted from a release from the former landfill, and is not associated with the groundwater plume originating from the VRP Property.

1.3 QUALIFICATIONS OF THE VRP PROPERTY AND VRP APPLICANT

The Applicant is submitting this VIRP and VRP Application under the Georgia Voluntary Remediation Act (“the Act”); O.C.G.A. § 12-8-100, et seq.; for the VRP Property, Wrens,

Jefferson County, Georgia. In order to be considered a “qualifying property”, the VRP Property must be, according to O.C.G.A. § 12-8-105;

- 1) Listed on the Georgia Hazardous Site Inventory (HSI); or meet the criteria of the Georgia Hazardous Site Reuse and Redevelopment Act (“Brownfields Act”); O.C.G.A. § 12-8-205; or have a release of regulated substances to the environment.

Under O.C.G.A. § 12-8-105 the property shall also not:

- 2) Be listed on the Federal National Priorities List;
- 3) Be currently undergoing response activities required by an Order of the Regional Administrator of the United States Environmental Protection Agency;
- 4) Be a facility required to have a permit under the Georgia Hazardous Waste Management Act (“HWMA”); O.C.G.A. § 12-8-66; and
- 5) Violate the terms and conditions under which the Environmental Protection Division operates and administers remedial programs by delegation or similar authorization from the United States Environmental Protection Agency.

Finally, under O.C.G.A. § 12-8-105 the property shall:

- 6) Have any lien filed under subsection (e) of HWMA; O.C.G.A. § 12-8-66; or subsection (b) of the Georgia Underground Storage Tank Management Act; O.C.G.A. § 12-13-12; be satisfied or settled and released by the Georgia EPD Director pursuant to HWMA; O.C.G.A. § 12-8-66.

The VRP Property is included in HSI#10245 and none of the other criteria listed in items 2 - 6 apply. Therefore, the VRP Property qualifies under the Act.

In order for the Applicant to meet the qualifications of the VRP according to O.C.G.A. § 12-8-106 the Applicant must:

- 1) Be the property owner of the VRP Property or have express permission to enter another's property to perform corrective action including, to the extent applicable, implementing controls for the VRP Property pursuant to written lease, license, order or indenture;
- 2) Not be in violation of any order, judgment, statute, rule or regulation subject to the enforcement authority of the Director; and
- 3) Meet other such criteria as may be established by the DNR Board pursuant to O.C.G.A. § 12-8-103.

As the Applicant meets all the criteria stated above, the Applicant is “qualified” under the Act.

The contact for the Applicant is as follows:

THGC Wrens LLC
400 Plaza Drive, P.O. Box 1515
Secaucus, New Jersey 07096-1515

Appendix A contains the Warranty Deed(s) and Tax Plat (s) for the Qualifying Property(s).

2.0 VRP PROPERTY INVESTIGATION AND CORRECTIVE ACTION HISTORY

Detailed below are annotated descriptions of the findings of past investigations and regulatory correspondence, which were developed as part of the previous assessments conducted for the VRP Property.

2.1 HISTORIC PROPERTY OPERATIONS

The VRP Property was utilized as an oil processing and recycling facility from 1969 to the late 1980s. The VRP property is currently vacant.

2.2 LISTING ON THE GEORGIA HAZARDOUS SITE INVENTORY

The VRP Property was listed on the Hazardous Site Inventory (HSI #10245) on June 29, 1994 in association with a release of various Constituents of Concern (COCs) from the former on-site tank farm and former waste sludge pond.

2.3 INITIAL CORRECTIVE ACTION ACTIVITIES – 1994 - 1996

Following listing on the HSI, initial corrective action activities were conducted in 1994 at the VRP Property which included the removal of multiple 55-gallon drums containing waste oil. Soil remedial activities were conducted in late 1995 and included the cleaning and removal of the former on-site storage tanks, and excavation and off-site disposal of contaminated soils associated with releases from the on-site tank farm and soils contained within the former waste sludge pond. In October 1996, soil samples were collected on a grid pattern (84 soil samples from 27 grid stations) at the VRP Property to determine if impacted soils were present in areas previously excavated. Based the analytical results from the October 1996 soil sampling event, the following eight (8) COCs were detected above their respective HSRA Notification Concentration (NC): 1,1,1-Trichloroethane, 1,1,2-Trichloroethane, 1,1,2,2-Tetrachloroethene, 1,2-Dichloroethane, Benzene, Chloroform, Tetrachloroethene, and Trichloroethene.

Groundwater investigations were initiated in November 1996 via the installation of on-site monitoring wells MW-1, MW-2, MW-3, and MW-4. Based the analytical results from the December 1996 groundwater monitoring event, the following nine (9) COCs were detected above their respective laboratory method detection limit (MDL): 1,1-Dichloroethane (1,1-DCA), 1,2-Dichloroethane (1,2-DCA), 1,2-Dichloroethene (total) (1,2-DCE), Benzene, Chloroethane, Ethylbenzene, Toluene, Vinyl Chloride (VC), and Xylenes (total).

2.4 COMPLIANCE STATUS REPORT – FEBRUARY AND AUGUST 1997

A Compliance Status Report (CSR) documenting the aforementioned activities was submitted in February 1997. In response to EPD comments, a revised CSR was submitted in August 1997.

2.5 REVISED CORRECTIVE ACTION PLAN –2001

A revised Corrective Action Plan (CAP) was submitted in 2001 and subsequently approved by Georgia EPD. This CAP included proposed remedial action for remaining soil contamination in the form of two (2) soil vapor extraction (SVE) systems. The SVE systems were installed and

placed into operation in 2002. One (1) of the SVE systems, referred to as the upper system, served to extract VOCs from soils in select areas of the former tank farm. The other SVE system, referred to as the lower system, served to extract VOCs from the former waste pond.

The CAP also proposed remedial action for the groundwater which included on-going monitored natural attenuation via semi-annual groundwater monitoring events and reporting and potential in-situ chemical oxidation (ISCO) treatment of groundwater (as deemed necessary). Groundwater monitoring events were initiated in December 1996, with subsequent annual events conducted in August 1998, November 1999, August 2000, and January 2001. Following the approval of the CAP in 2001, semiannual monitoring events were initiated in June 2001 with the most recent groundwater monitoring event was conducted in June 2013, as summarized below.

2.6 GROUNDWATER SAMPLING ACTIVITIES – JUNE 2013

In June 2013, Dobbs Environmental (Dobbs) conducted groundwater sampling activities at the VRP Property. A Property Layout Map depicting the monitoring well locations is included as **Figure 2**. The monitoring event consisted of the collection of groundwater samples from the 12 existing 2-inch monitoring wells (MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8, MW-9, MW-10, MW-11, and DW-1) and two (2) existing 4-inch recovery wells (RW-1 and RW-2) for analysis of VOCs via EPA Method 8260b. Six (6) of the 2-inch monitoring wells are located off-site and include MW-6, MW-7, MW-8, MW-9, MW-10, and MW-11. An existing 1-inch temporary monitoring well (TW-1) was observed to be dry and was not sampled.

Seven (7) 1-inch temporary wells (TW-2, TW-3, TW-4, TW-5, TW-6, TW-7, and TW-8) were previously sampled for analysis of VOCs in February 2013 and the results were included in the April 2013 Groundwater Semi-Annual Monitoring Report. In February 2013, Dobbs also collected air samples from the influent (pre carbon) and effluent (post carbon) ports of the upper and lower SVE systems for laboratory analysis of VOCs via EPA Method 18. The air samples were designated as Lower SVE Pre Carbon, Lower SVE Post Carbon, Upper SVE Pre Carbon, and Lower SVE Post Carbon. Based on the analytical results, none of the VOCs analyzed were detected above the laboratory MDL in any of the influent or effluent samples. The results were also in the April 2013 Groundwater Semi-Annual Monitoring Report. Air samples were not collected during the June 2013 monitoring event.

Based on the results of the June 2013 monitoring event, nine (9) COCs were detected at concentrations above their respective laboratory Method Detection Limit (MDL) as follows: 1,1-DCA, 1,2-DCA, 1,2-DCE (total), cis-1,2-DCE, 1,1,2-Trichloroethane (1,1,2-TCA), Benzene, Tetrachloroethene (PCE), Trichloroethene (TCE), and Vinyl Chloride (VC). No other constituents were detected above the laboratory MDL. Upon a preliminary comparison to non-residential Type 3 Risk Reduction Standards (RRS), Peachtree has determined that the following seven (7) COCs are present at groundwater at concentration in excess of the Type 3 RRS: 1,2-DCA, 1,1,2-TCA, Benzene, cis-1,2-DCE, PCE, TCE, and VC. The results of the June 2013 field activities are discussed in Section 3.5.

3.0 PRELIMINARY CONCEPTUAL SITE MODEL

A Preliminary 3-D conceptual site model (“CSM”) has been developed for the VRP Property. The CSM will be utilized to:

- Integrate technical data from various sources;
- Support the selection of sample locations;
- Identify data gaps/needs; and
- Evaluate risks to human health and the environment.

The following provides a description of the various factors (surface/sub-surface setting, regulated substances, known or suspected source areas, contaminant migration pathways, and soil and groundwater impacts) considered during the development of the CSM.

3.1 SURFACE AND SUB-SURFACE SETTING

3.1.1 Surface Setting

The surface setting at the VRP Property is currently vacant and is comprised of a grass field and sparsely wooded areas along the property boundary. A single-story metal storage building measuring approximately 50 feet by 30 feet is present along the eastern portion of the VRP Property. The storage building is constructed on a concrete pad. A railroad spur is located on the northwestern property boundary, adjacent to the Norfolk-Southern Railway. A chain-link fence is present along the eastern, northern and western property boundaries. The VRP Property is accessed from Industrial Street of U.S. Highway 1 and is designated for industrial use.

3.1.2 Subsurface Setting

Jefferson County, Georgia is located in the Coastal Plain Physiographic Province of Georgia. The Coastal Plain extends south from the Fall Line, a line traversing across Georgia from Augusta to Macon and west to Columbus. This line is the intersection of the Piedmont province and historically was a Mesozoic shoreline still marked by a line of sand hills. Most of this area is characterized by broad, flat to level plains underlain by a variety of limestone, minor dolomite, phosphatic sand, marl, clay Fuller's earth, gravel, sand, clay, and sandy clay. The rocks exposed in the Coastal Plain range from Late Cretaceous to Recent age and consist of alternating layers of sand, clay, and limestone. These sedimentary rocks of the Coastal Plain crop out at progressively younger ages from the Fall Line seaward. The Coastal Plain sediments gently dip to the south and southeast, and thicken in the down dip direction forming wedge-shape strata. The elevations in the Coastal Plain range from approximately 750 feet above mean sea level to sea level on the Atlantic Coast.

According to the Geologic Map of Georgia, Jefferson County and the City of Wrens are located in a geologic formation called the Huber Formation. This geologic unit is kaolin

clay bearing and was formed from metamorphic and igneous derived silicate minerals and in-situ weathering products from the Piedmont.

Typical soils found in the area are comprised of a sandy surface layer with an underlying loamy or clay subsoil. Groundwater occurs under water table (unconfined) conditions within the shallow aquifer with depths to groundwater as measured from the surveyed top of well casings ranging between 5.88 and 45.68 ft-bgs. Groundwater elevations collected in June 2013 are summarized on **Table 1**. A Groundwater Table Map utilizing groundwater elevation data collected on June 11, 2013 is included as **Figure 3**.

3.2 KNOWN OR SUSPECTED SOURCE AREAS

The VRP Property was utilized as an oil processing and recycling facility from 1969 to the late 1980s. Known source areas at the VRP Property include the former on-site tank farm and the former waste sludge pond. The former suspected source areas are depicted on **Figure 4**.

3.3 CONTAMINANT MIGRATION PATHWAYS

A preliminary evaluation of the contaminant migration pathway has been completed and includes the following:

- Vertical migration of chlorinated solvents from impacted soils;
- Horizontal and vertical migration through soils to the water table;
- Horizontal and vertical migration within the shallow water table, based on hydraulic properties and flow direction.

A final evaluation of the contaminant migration pathways will be performed during the implementation of the Preliminary Remediation Plan and included in the VRP CSR.

3.4 SOIL AND GROUNDWATER IMPACTS

3.4.1 Soil Impacts

As previously stated, soil corrective action activities were initiated in late 1995. These activities included the excavation and off-site disposal contaminated soil associated with the former on-site tank farm and former waste sludge pond. Following soil excavation activities, two (2) SVE systems were installed at the VRP Property at the former on-site tank farm (upper system) and former waste sludge pond (lower system). The SVE systems became operational in 2002 and were recently shut down in 2013 with EPD approval. In addition, air sparging was initiated in wells RW-1, RW-2, and MW-7 in December 2008 but has since been discontinued. In February 2013, air samples from both SVE systems effluent ports were collected via Tedlar bags and analyzed for VOCs by EPA Method 18. The air samples were designated as Lower SVE Pre Carbon, Lower SVE Post Carbon, Upper SVE Pre Carbon, and Lower SVE Post Carbon. Based on the analytical results, none of the VOCs analyzed were detected above the laboratory MDL in any of the influent or effluent samples. A copy of the February 2013 air sampling analytical testing results is provided in **Appendix B**.

3.4.2 Groundwater Impacts

Based on the analytical results of Dobbs June 2013 semiannual groundwater monitoring activities, the following regulated substances were detected above the laboratory MDL at the VRP Property: 1,1-DCA, 1,2-DCA, 1,2-DCE (total), cis-1,2-DCE, 1,1,2-Trichloroethane (1,1,2-TCA), Benzene, Tetrachloroethene (PCE), Trichloroethene (TCE), and Vinyl Chloride (VC). No other VOCs were detected in groundwater during the June 2013 groundwater monitoring event. The June 2013 groundwater analytical results and groundwater RRS are summarized in **Table 2**. Groundwater analytical results for each VOC historically detected at the VRP Property are summarized in **Tables 3A – 3T**. The VOCs detected in groundwater during the June 2013 semiannual groundwater monitoring event are depicted on **Figure 5**. A copy of the June 2013 groundwater sampling analytical testing results is provided in **Appendix C**.

Figure 6A presents the key features of the VRP Property, including the locations of cross section A-A' and B-B'. **Figures 6B** and **6C** presents the preliminary 3-D CSM via cross sections of the VRP Property and utilizes current and February 2013 groundwater data collected from temporary monitoring wells.

The CSM incorporates the site specific surface/sub-surface setting, regulated substances released and known or suspected source areas, contaminant migration pathways, and soil and groundwater impacts along the identified cross section.

3.5 REGULATED SUBSTANCES

As previously discussed, Dobbs conducted a semiannual groundwater monitoring event at the VRP Property in June 2013. Based on the groundwater analytical results, the following nine (9) regulated substances were detected above the laboratory MDL:

- 1,1-Dichloroethane (1,1-DCA - CAS No. 75343)
- 1,2-Dichloroethane (1,2-DCA - CAS No. 107062)
- cis-1,2-Dichloroethene (cis-1,2-DCE - CAS No. 156592)
- 1,2-Dichloroethene (total) (1,2-DCE (total) - CAS No. 540590)
- 1,1,2-Trichloroethane (1,1,2-TCA - CAS No. 79005)
- Benzene (CAS No. 71432)
- Tetrachloroethene (PCE - CAS No. 127184)
- Trichloroethene (TCE - CAS No. 79016)
- Vinyl Chloride (VC - CAS No. 75014)

3.5.1 Constituents of Concern (COCs) in Soil

Based on the soil corrective action activities conducted at the VRP Property, dating back to the mid-1990s, and recent February 2013 analytical results of the SVE air sampling which indicated no VOCs above the laboratory MDL in all influent and effluent samples, Peachtree assesses that on-site soils have been investigated, remediated, and delineated such that a soil source of COCs are not currently present at the Property.

The results of the soil corrective action activities, including confirmation sample results, should be on file with Georgia EPD.

3.5.2 Constituents of Concern (COCs) in Groundwater

Based on a preliminary review of regulated substances detected in groundwater, seven (7) COCs were detected above their respective Type 3 RRS in groundwater as summarized in Table 3.5.2 below. No other regulated substances were detected above their respective Type 3 RRS in groundwater during the June 2013 semiannual groundwater monitoring event. The maximum COCs concentrations detected at the VRP Property and associated monitoring wells are summarized below.

TABLE 3.5.2 – TYPE 3 GROUNDWATER RRS

REGULATED CONSTITUENT	HIGHEST DETECTED CONCENTRATION (MONITORING WELL)	TYPE 3 RRS (UG/L)
1,1-DCA	63 ug/L (MW-7)	4,000
1,2-DCA	23 ug/L (MW-7)	5.0
1,1,2-TCA	8.9 ug/L (MW-7)	5.0
cis-1,2-DCE	19 ug/L (RW-1)	5.0
Benzene	130 ug/L (MW-7)	5.0
PCE	5.6 ug/L (MW-5)	5.0
TCE	8.6 ug/L (RW-1)	5.0
VC	12 ug/L (MW-7)	2.0

NOTES: 1,1-DCA did not exceed its Type 3 RRS.

The horizontal extent of each of the COCs detected in groundwater in June 2013 is depicted on **Figures 7 through 14**. The horizontal extent of total VOCs detected in groundwater is depicted on **Figure 15**. Historic trench graphs for each of the COCs detected in groundwater during the June 2013 monitoring event are presented in **Appendix D**.

Based on the June 2013 data, the horizontal extent of PCE and TCE has been delineated on the VRP Property. The horizontal extent of 1,2-DCA, 1,1,2-TCA, cis-1,2-DCE, and Benzene has not delineated at the VRP Property boundary, due to the detections at MW-7 above Type 3 RRS. However, the down-gradient extent of these COCs has been delineated as there were no detections above the laboratory MDL in the off-site monitoring well MW-11. The horizontal extent of VC has not been delineated on the VRP Property or down-gradient thereof. Due to the presence of a wetlands/swamp area downgradient and to the north of MW-11, the installation of additional down-gradient monitoring wells is not practical.

The vertical extent of each of the COCs detected in groundwater has been delineated, based on no detections above the laboratory MDL in the on-site deep well, DW-1.

3.6 PRELIMINARY REMEDIATION PLAN

THGC proposes to continue to monitor groundwater on a semiannual basis and conduct horizontal and vertical delineation of groundwater impacts, as directed by the VRP schedule. Preliminarily, we anticipate utilizing monitored natural attenuation (“MNA”) as a groundwater remedy for the Property. If warranted, enhanced MNA may be utilized should future groundwater monitoring and modeling indicates such actions are necessary.

4.0 VRP COMPLIANCE STATUS REPORT PREPARATION

The following activities are planned to be completed at the VRP Property with the results to be provided in a final VRP CSR.

4.1 CONTAMINANT MIGRATION PATHWAYS

A review of potential human health and ecological receptors will be evaluated to determine if any potentially complete pathways are present at the VRP Property. A description of these pathways will be presented in the VRP CSR, if applicable.

4.2 EXPOSURE PATHWAY MODELING

Based on the results of the receptor survey, exposure pathway monitoring may be conducted to determine whether potentially completed pathways may cause exposure at a receptor. The results of any modeling, along with supporting backup, will be incorporated into the VRP, if applicable.

4.3 RECALCULATION OF RISK BASED CLEANUP STANDARDS

The development of revised Risk Reduction Standards (“RRS”) will be completed based on the results of the receptor survey and the exposure pathway modeling. These revised RRS will be presented in the VRP CSR, if applicable.

5.0 MILESTONE SCHEDULE

A milestone schedule is included in **Appendix E**.



FIGURES



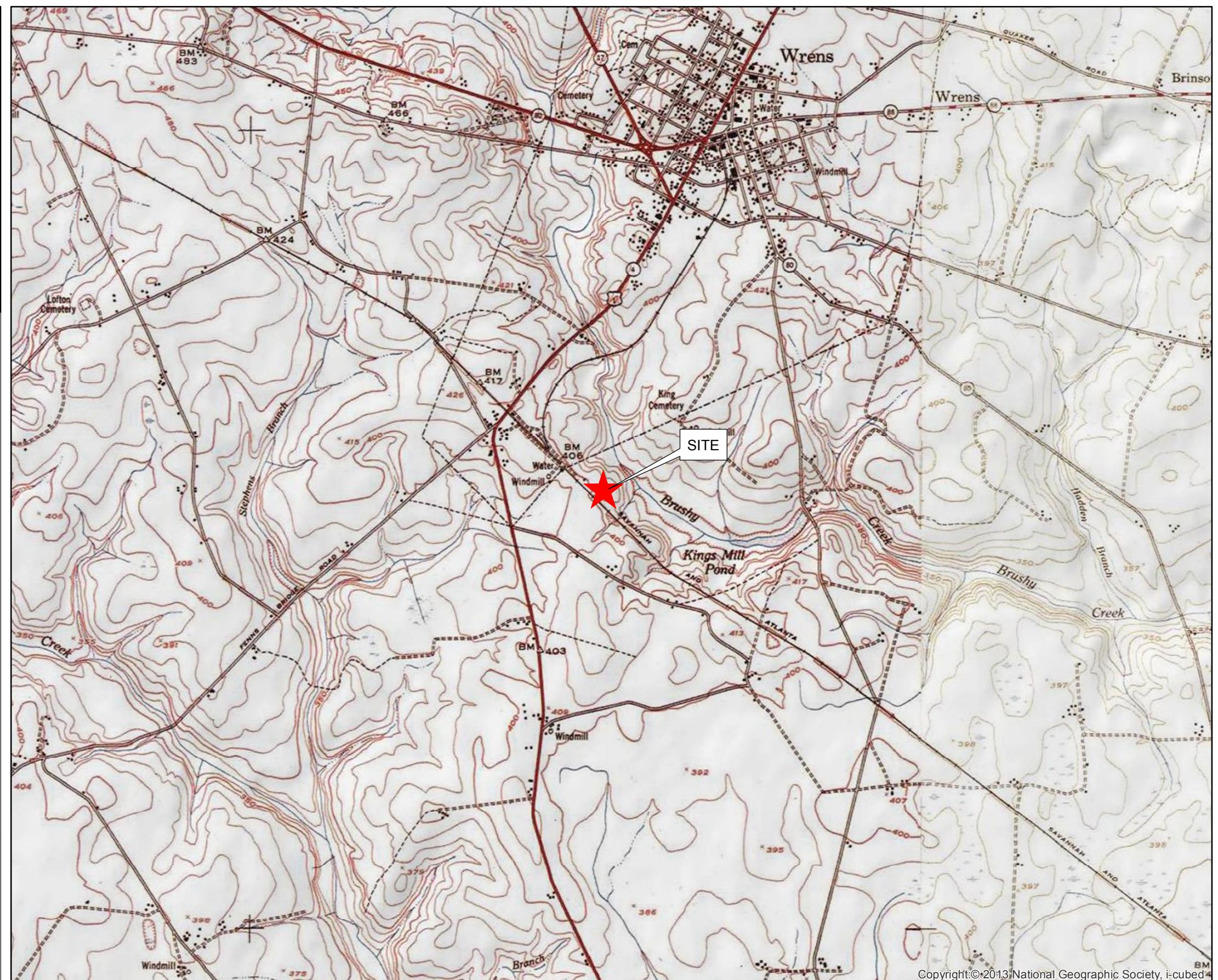
Legend

- Site Location

N
0 1,000 2,000 4,000
Feet
1 inch = 2,000 feet



FIGURE 1
Site Location Map
Industrial Street
Wrens, Georgia



Copyright © 2013 National Geographic Society, i-cubed

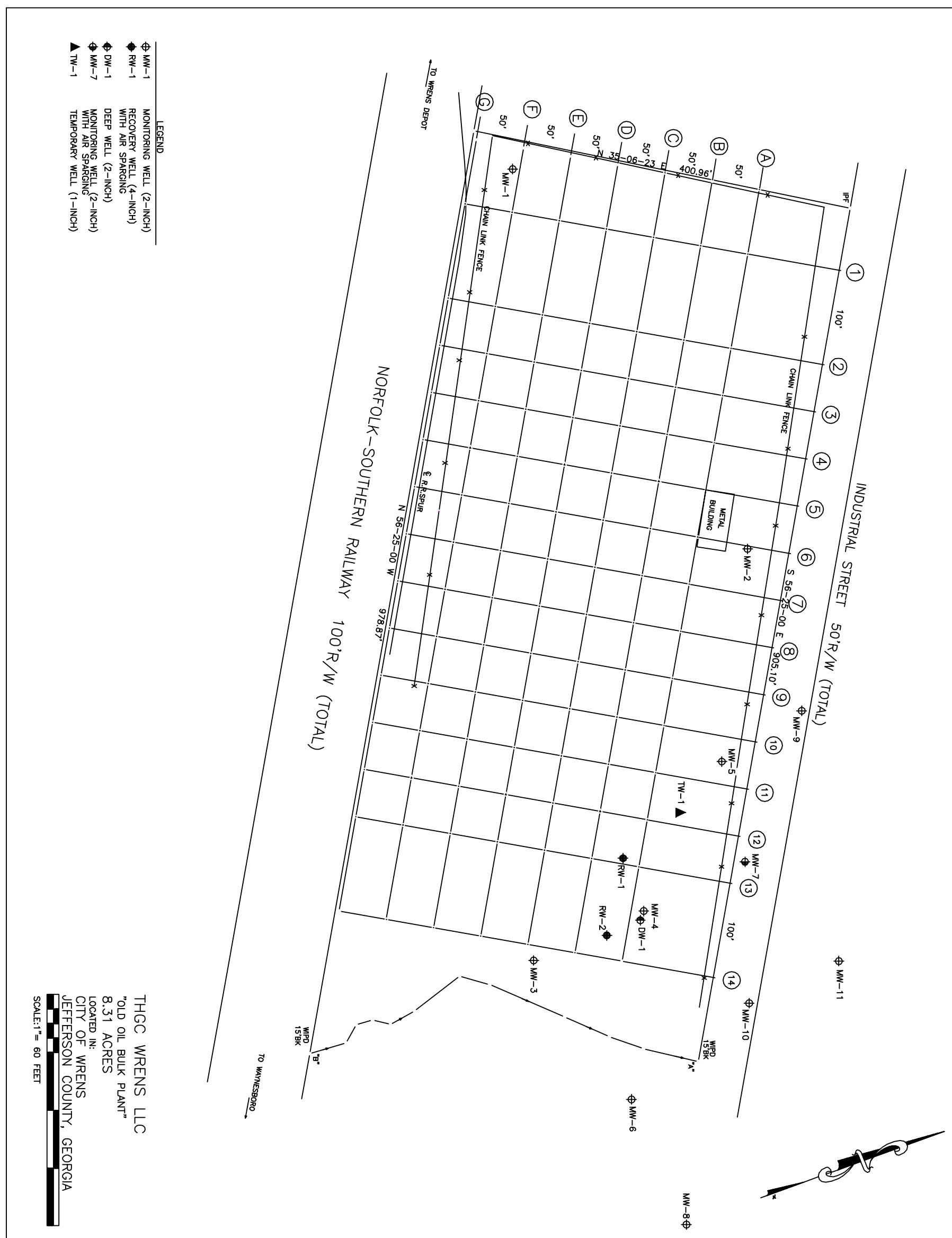


FIGURE NO.
2
THCC Wrens
3342

FORMER OIL PROCESSING SITE
INDUSTRIAL STREET
WRENS, JEFFERSON COUNTY, GEORGIA



PROPERTY LAYOUT MAP

REV	DATE	DESCRIPTION			DMN BY	DES BY	CHK BY	APP BY
DATE OF ISSUE 8/7/13		DES BY	JPC CSH	CHK BY APP BY	TAL JFM			

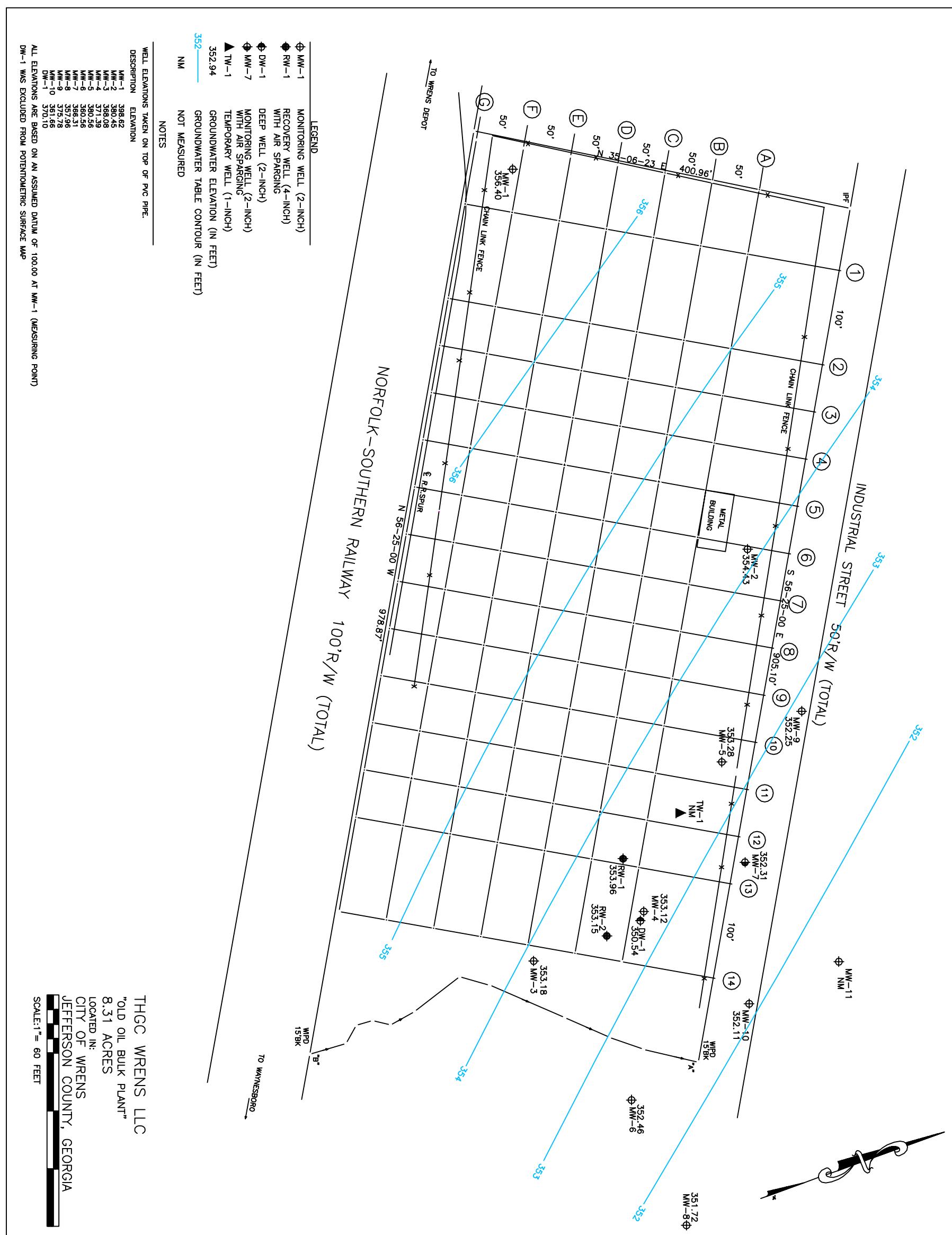


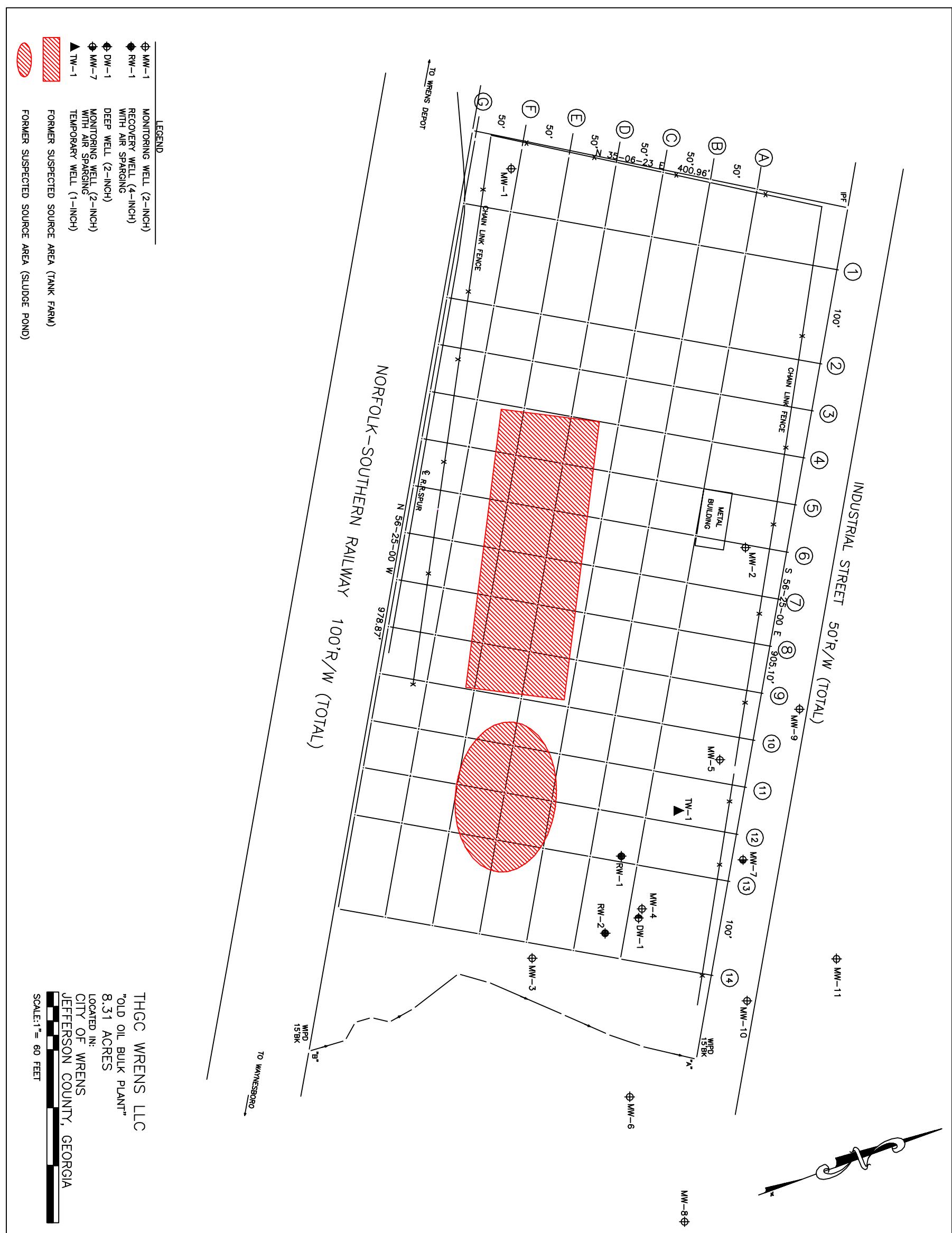
FIGURE NO.
3
THCC Wrens
3342

**FORMER OIL PROCESSING SITE
INDUSTRIAL STREET
WRENS, JEFFERSON COUNTY, GEORGIA**



POTENIOMETRIC SURFACE MAP
JUNE 11, 2013

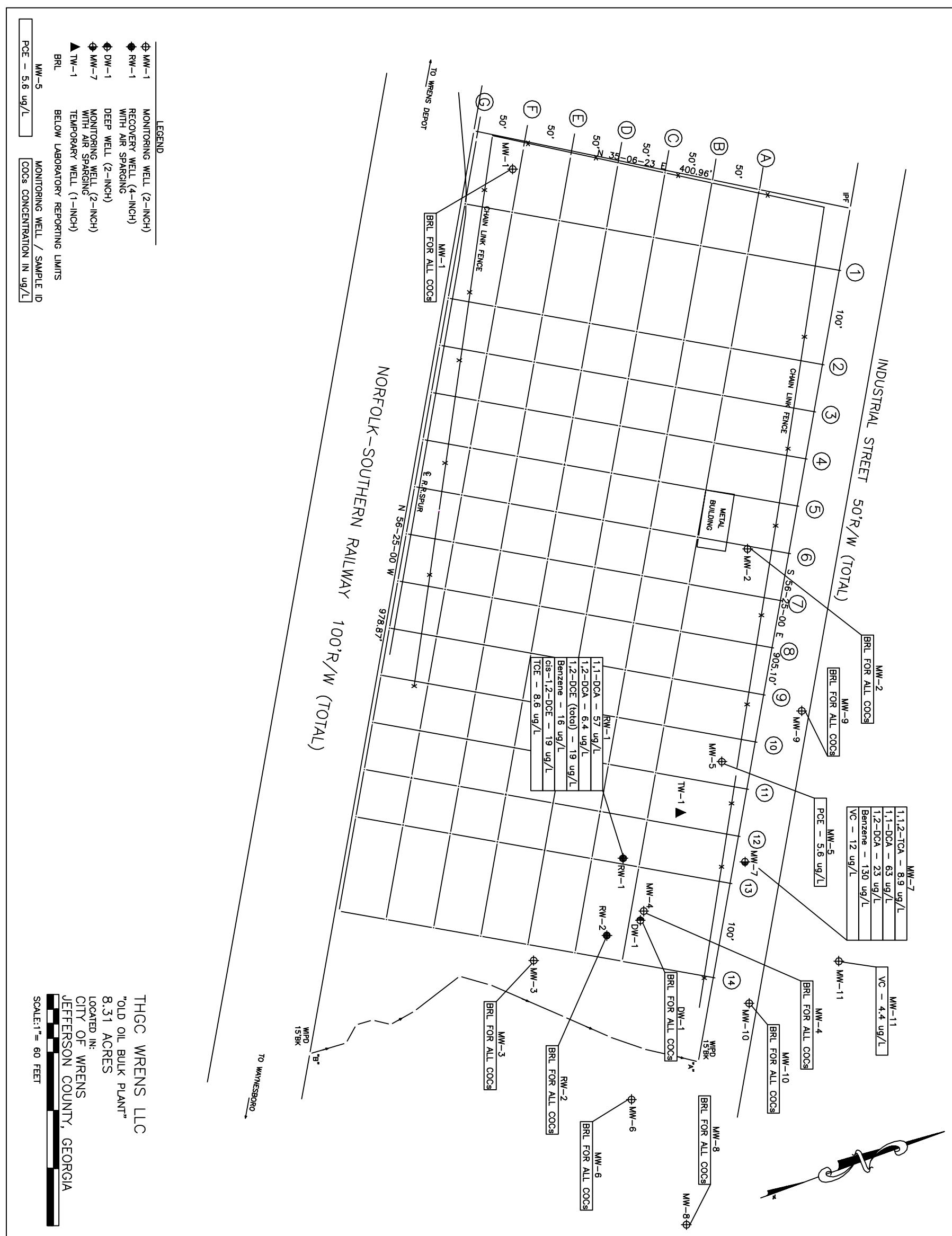
REV	DATE	DESCRIPTION		DMW BY	DES BY	CHK BY	APP BY
		DATE OF ISSUE	JPC CSH	CHK BY APP BY	TAL JPM		



**FORMER OIL PROCESSING SITE
INDUSTRIAL STREET
ENS, JEFFERSON COUNTY, GEORGIA**



FIGURE NO.
4
THGC Wrens
1142



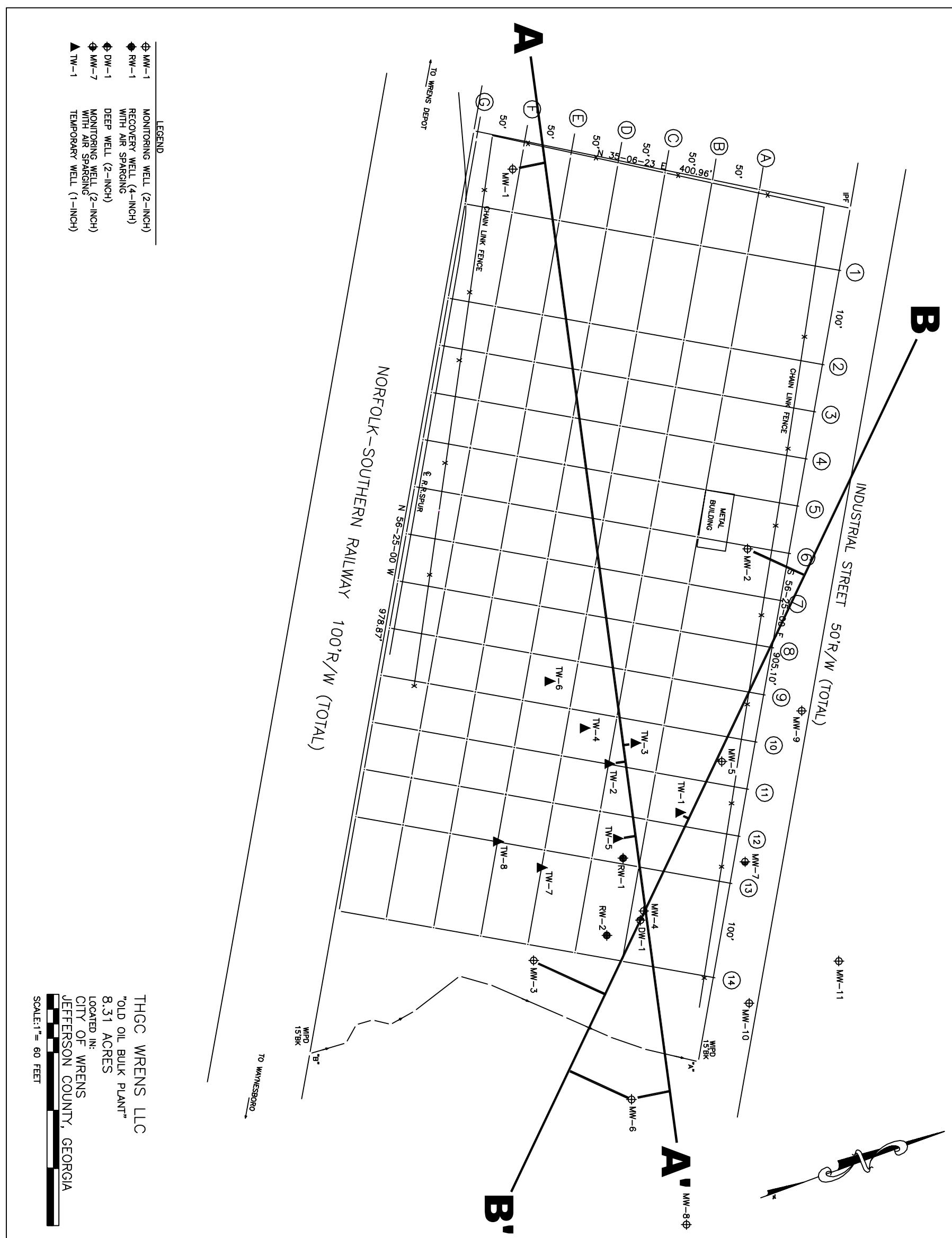
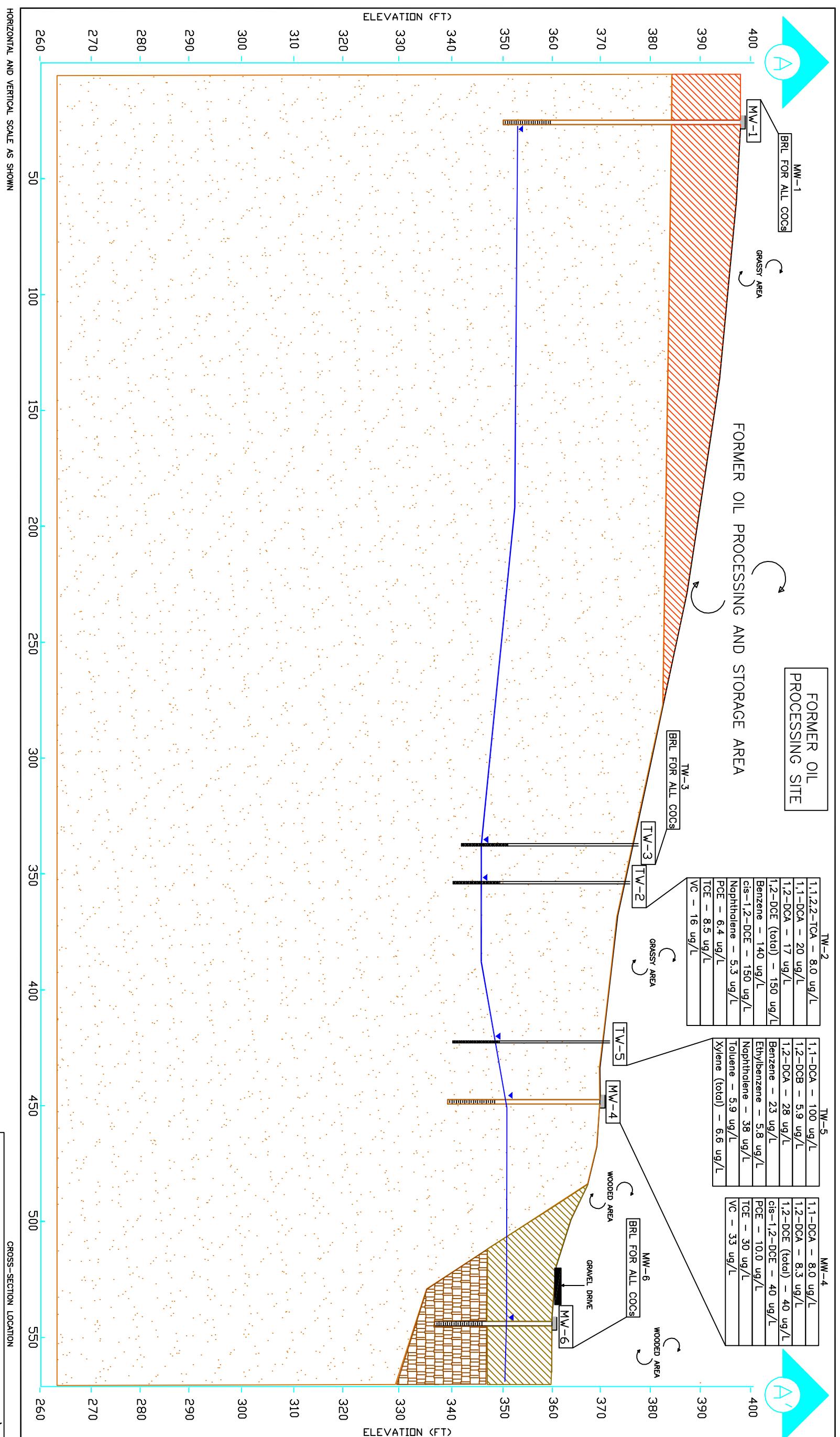


FIGURE NO.
6A
THCC Wrens
3342

FORMER OIL PROCESSING SITE
INDUSTRIAL STREET
WRENS, JEFFERSON COUNTY, GEORGIA



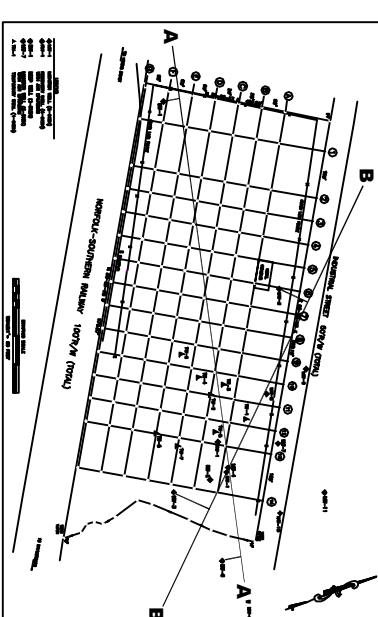
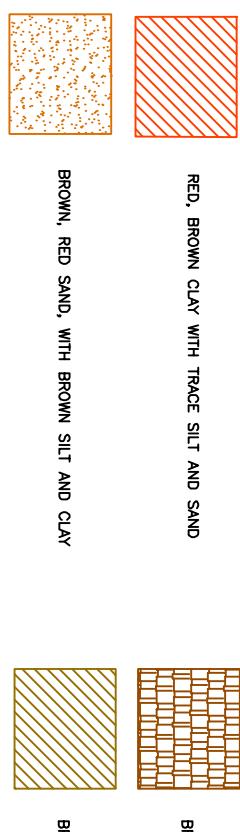
REV	DATE	DESCRIPTION	DWN BY	DES BY	CHK BY	APP BY
		DATE OF ISSUE 8/7/13	DWN BY DES BY JPC CSH	CHK BY APP BY TAL JPM		



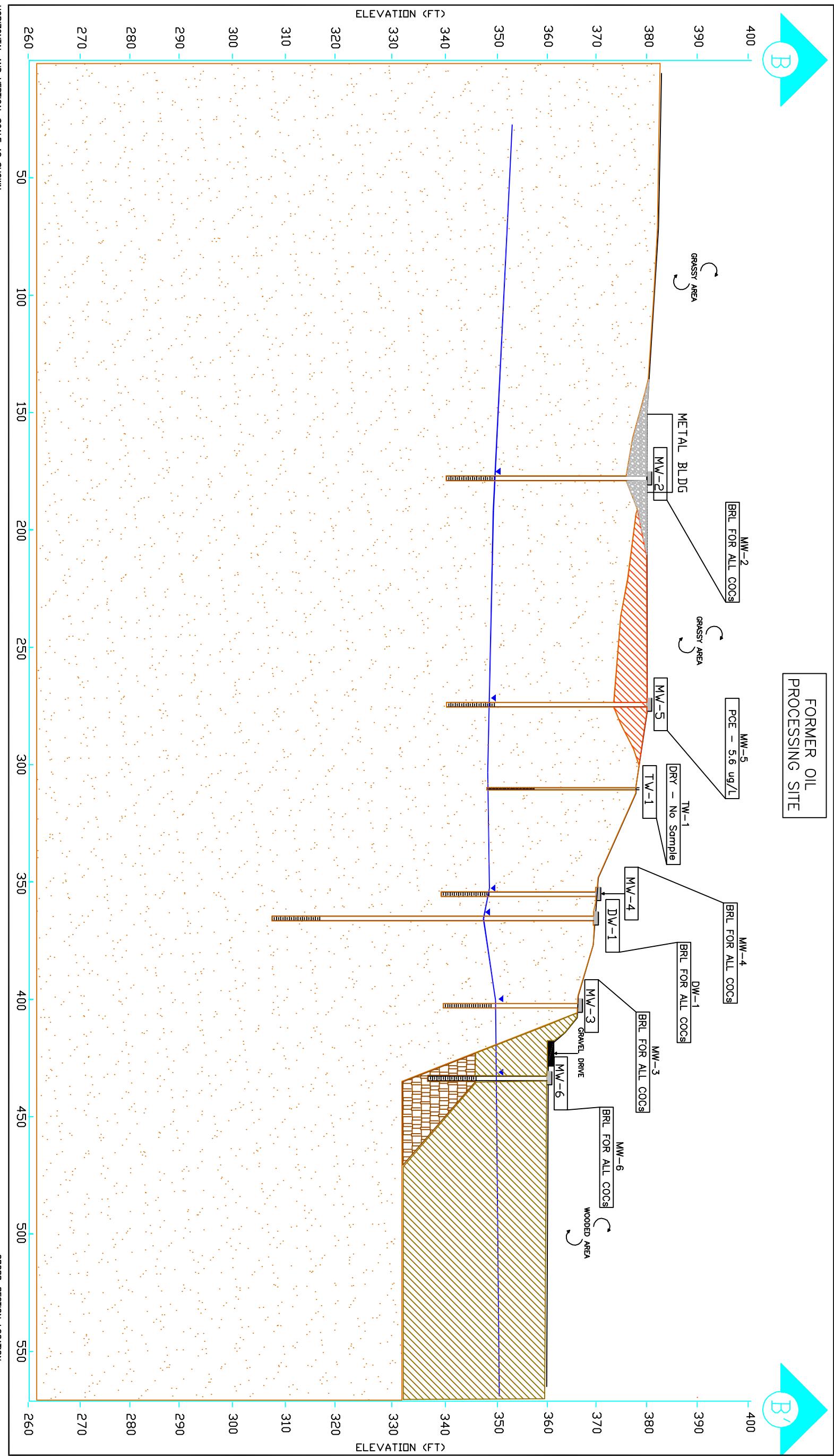
**FORMER OIL PROCESSING SITE
INDUSTRIAL STREET
WRENS, JEFFERSON COUNTY, GEORGIA**



REV	DATE	DESCRIPTION	DWN BY	DES BY	CHK BY	APP BY
8/6/14		DATE OF ISSUE	DWN BY	DES BY	CHK BY	APP BY



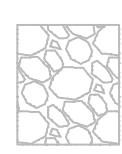
**FORMER OIL
PROCESSING SITE**



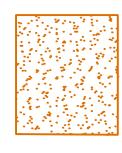
HORIZONTAL AND VERTICAL SCALE AS SHOWN

LEGEND

WATER TABLE AND ASSOCIATED GROUNDWATER ELEVATION (FEET)



BROWN, RED SAND, WITH BROWN SILT AND CLAY



BRL

BELOW LABORATORY REPORTING LIMITS



RED, BROWN CLAY WITH TRACE SILT AND SAND

MW-4
MONITORING WELL / SAMPLE ID
cis-1,2-DDE - 40 ug/L
COCS CONCENTRATION IN ug/L

NOTES

DATA DEPICTED AT MW-1, MW-4, AND MW-6 WAS COLLECTED IN JUNE 2013.

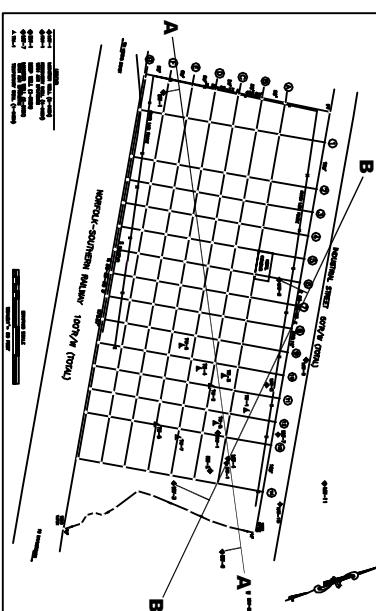


FIGURE NO.

6C

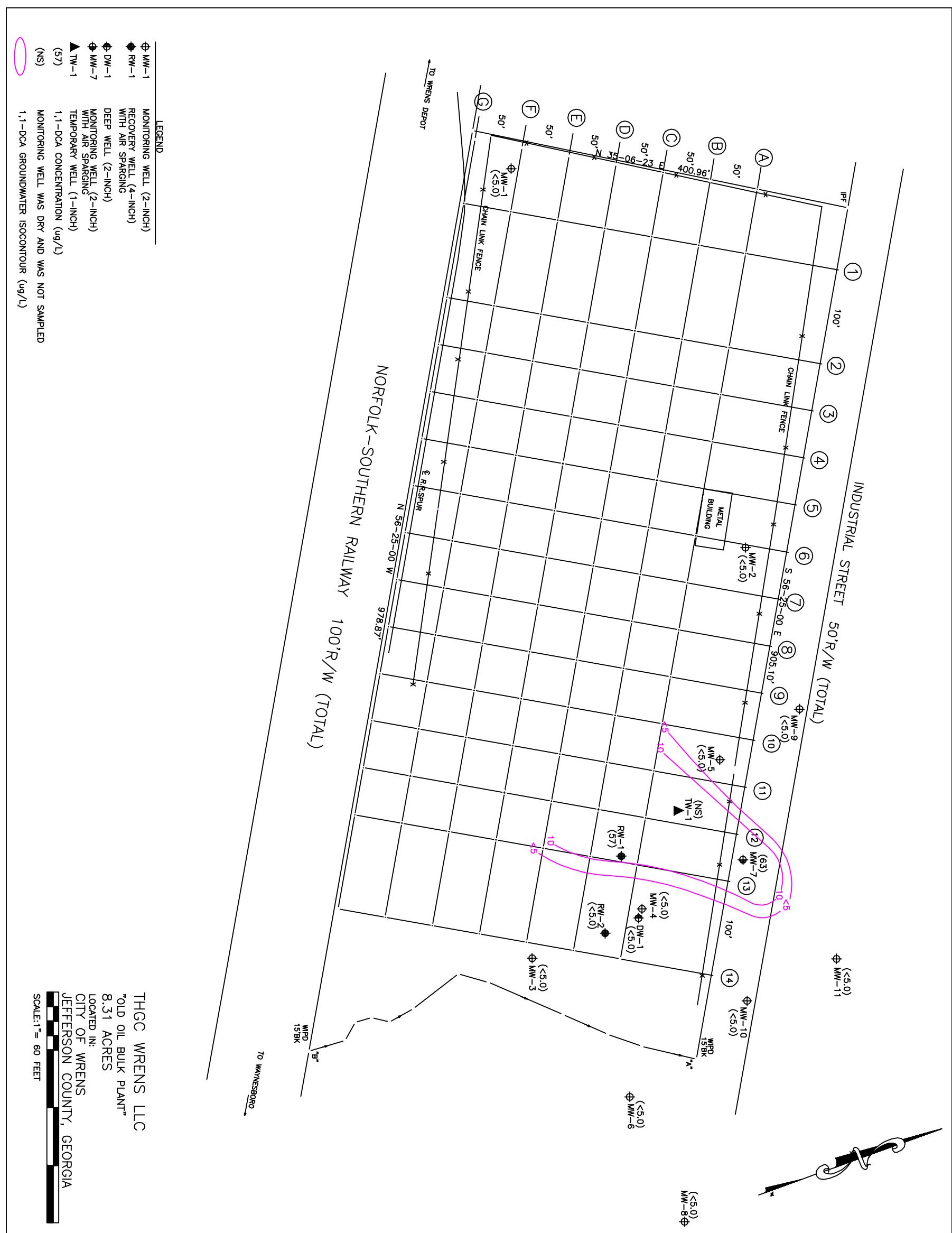
SMF
2685

**FORMER OIL PROCESSING SITE
INDUSTRIAL STREET
WRENS, JEFFERSON COUNTY, GEORGIA**

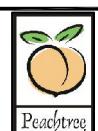
CROSS-SECTION B - B'

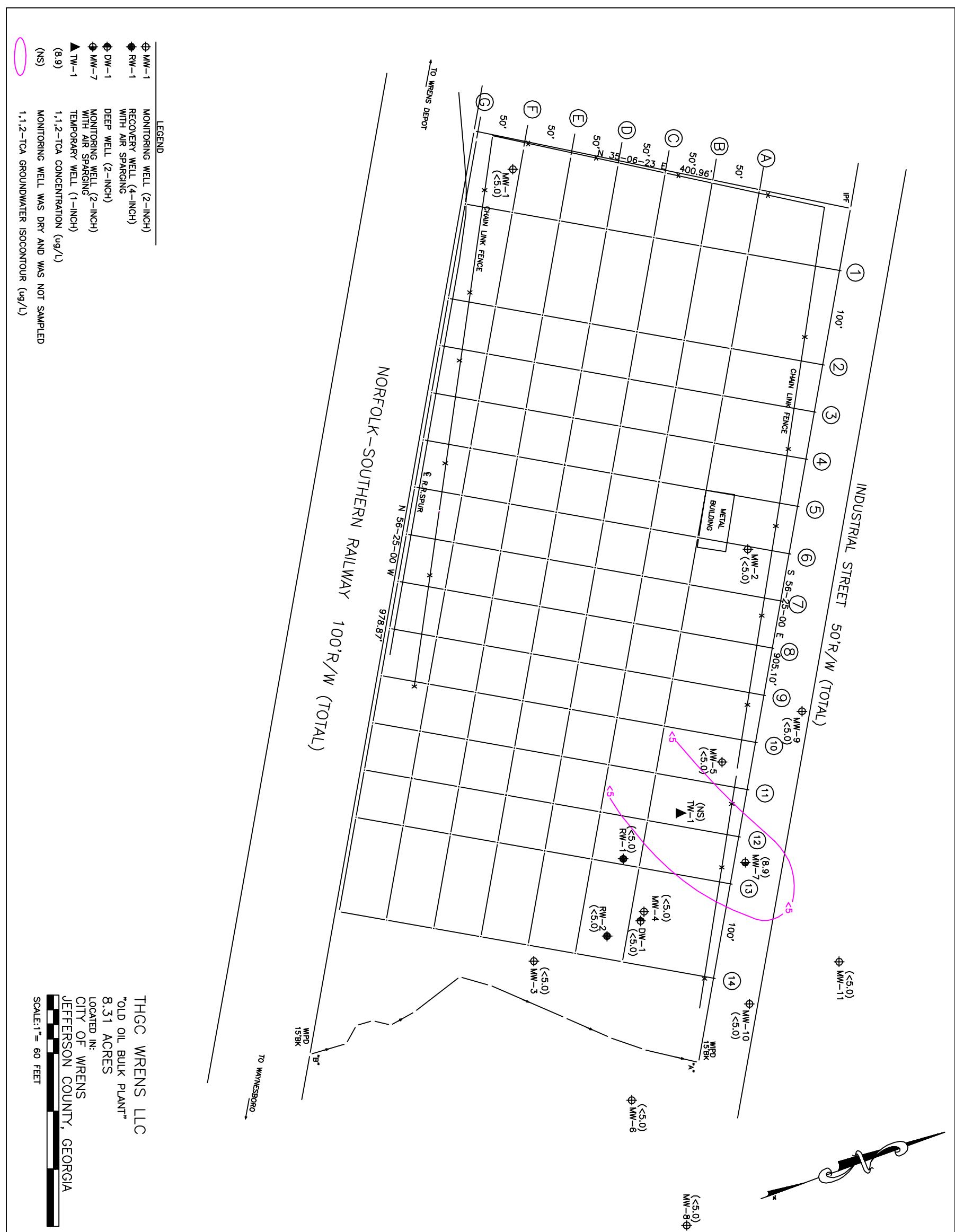


REV	DATE	DESCRIPTION	DWN BY	DES BY	CHK BY	APP BY
8/6/14		DATE OF ISSUE DWN BY DES BY	IPC CSH	CHK BY APP BY	JPM	



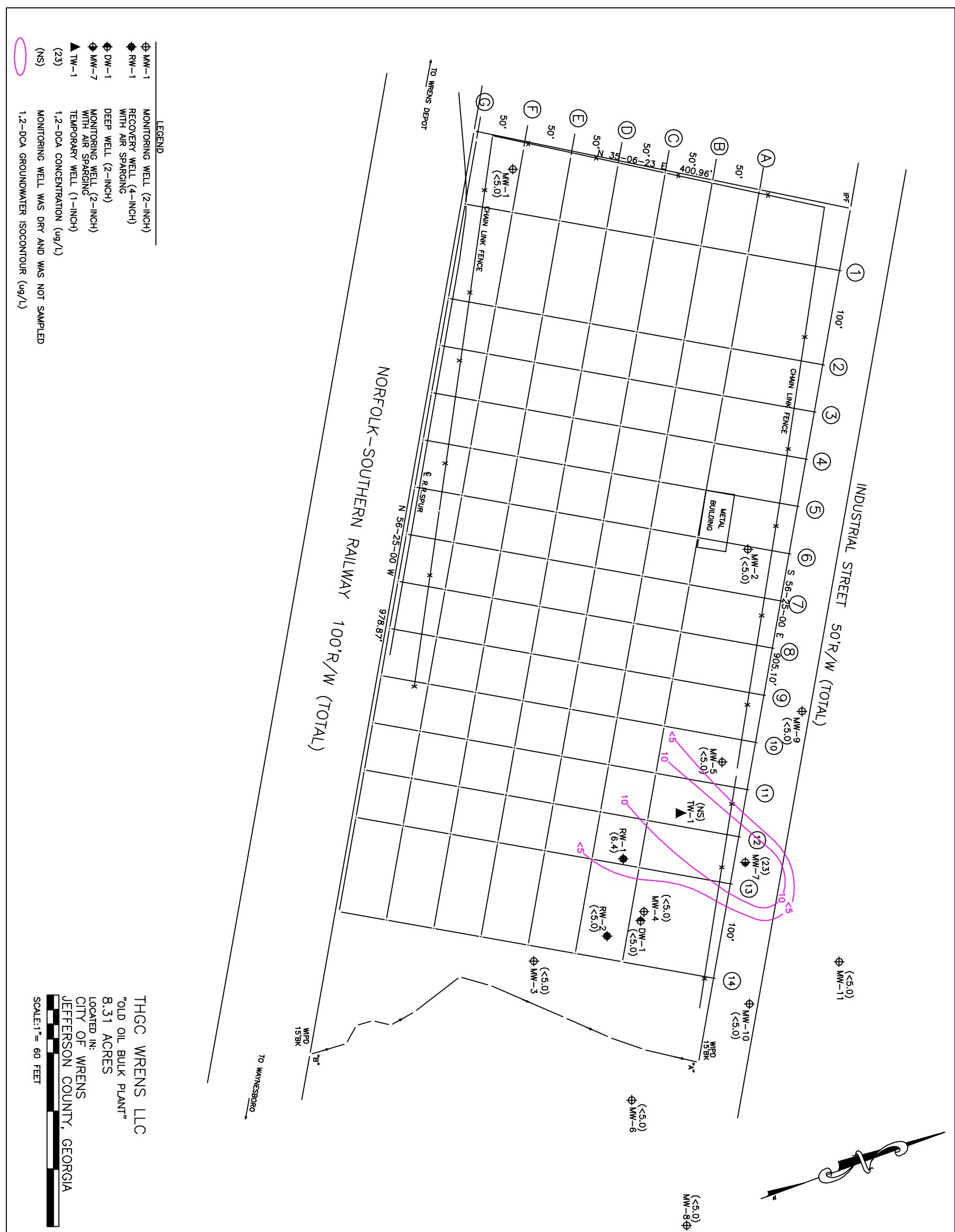
**FORMER OIL PROCESSING SITE
INDUSTRIAL STREET
RENS, JEFFERSON COUNTY, GEORGIA**





**FORMER OIL PROCESSING SITE
INDUSTRIAL STREET
ENS, JEFFERSON COUNTY, GEORGIA**

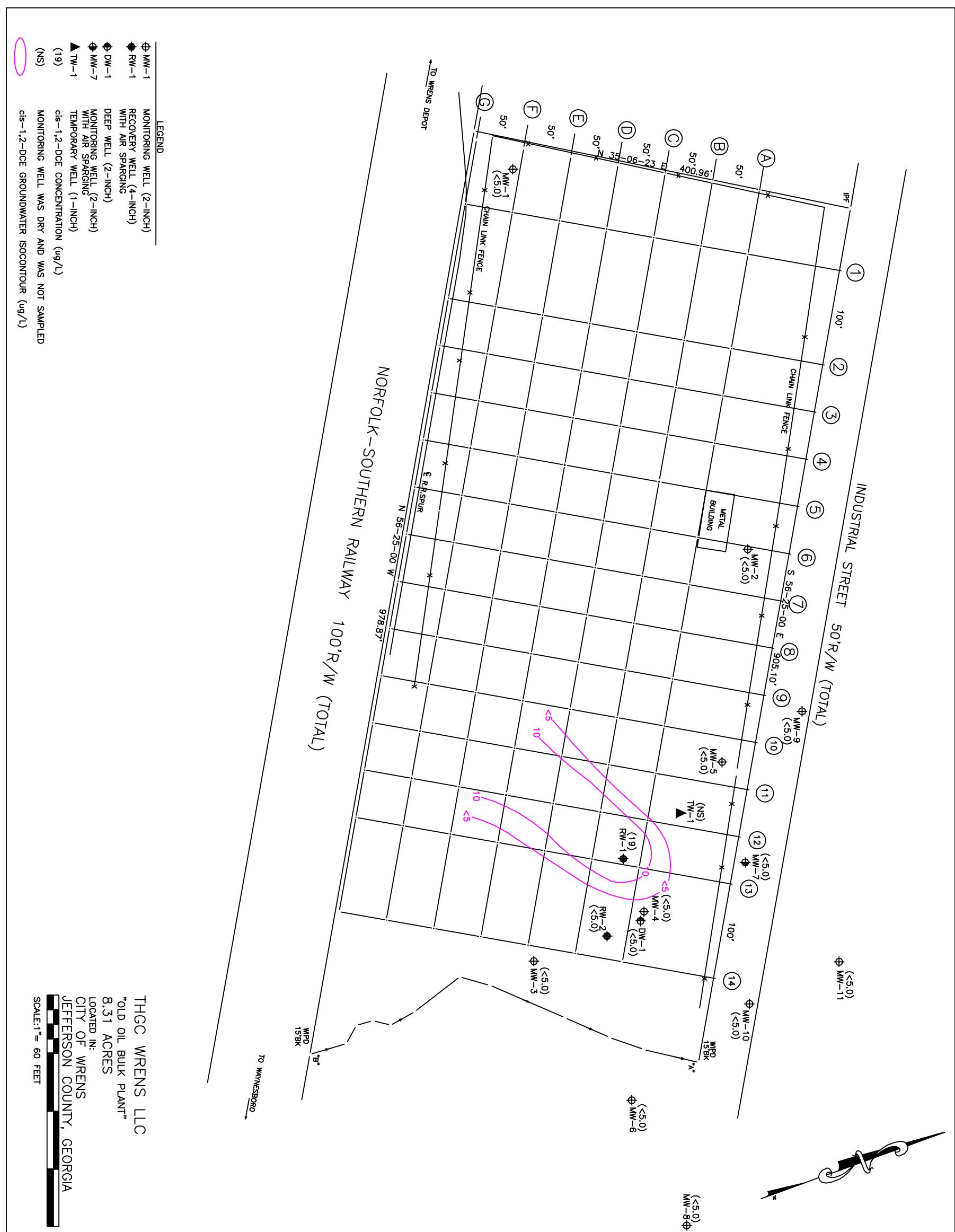




**FORMER OIL PROCESSING SITE
INDUSTRIAL STREET
ENS, JEFFERSON COUNTY, GEORGIA**



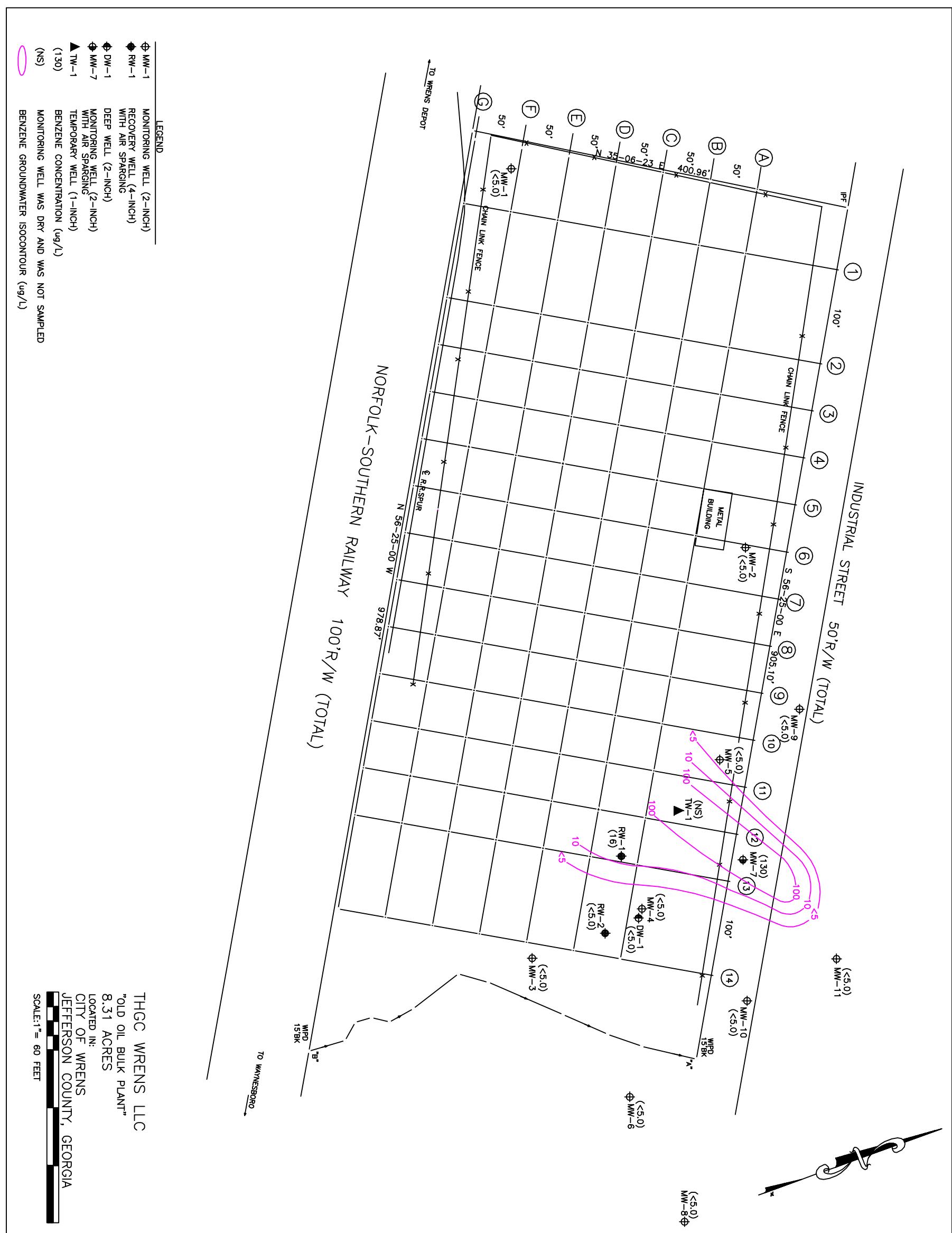
FIGURE NO.



**FORMER OIL PROCESSING SITE
INDUSTRIAL STREET
RENS, JEFFERSON COUNTY, GEORGIA**



FIGURE NO.
10
THGC Wrens



**FORMER OIL PROCESSING SITE
INDUSTRIAL STREET
RENS, JEFFERSON COUNTY, GEORGIA**



FIGURE NO.
11
THGC Wrens
3342

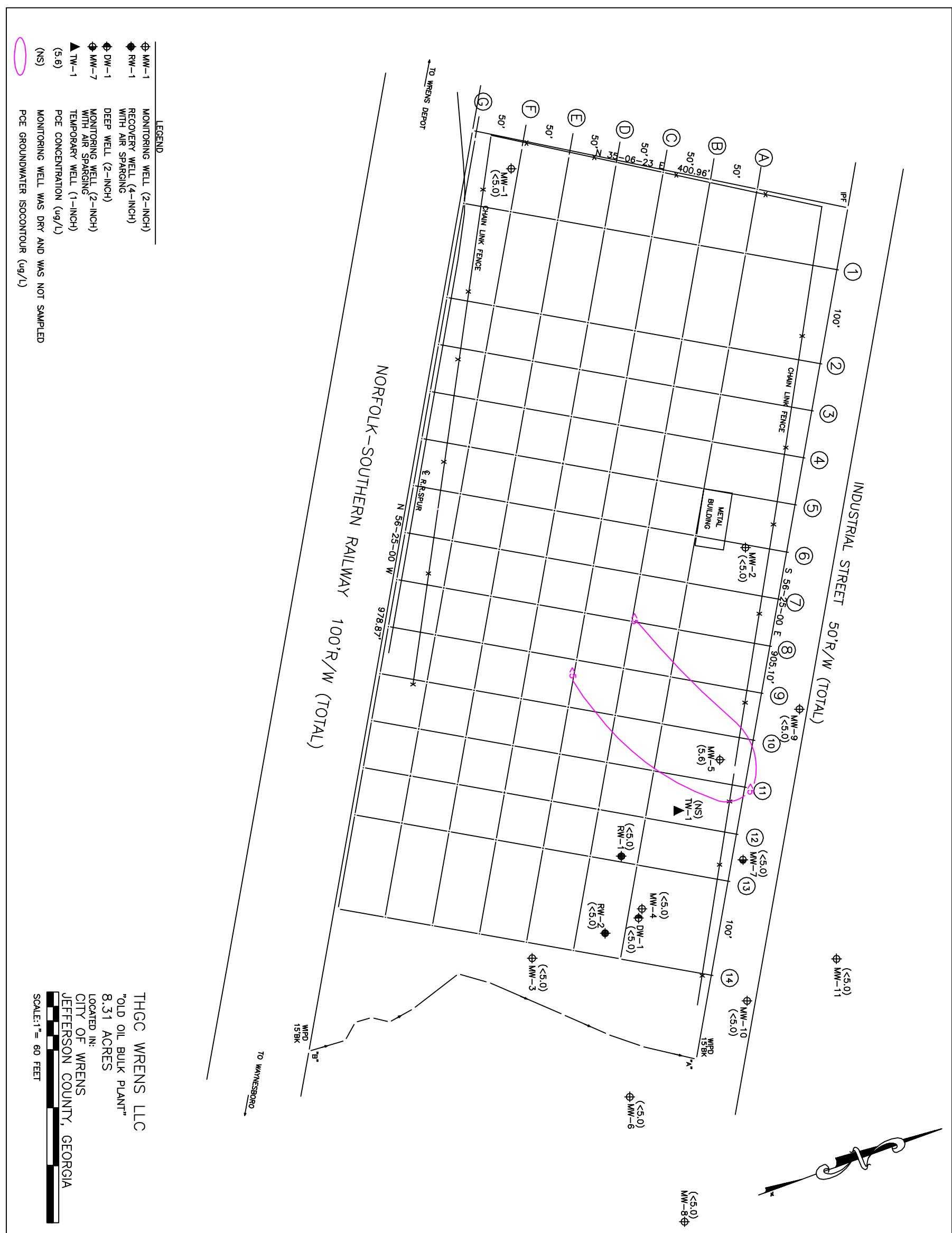


FIGURE NO.

12

**FORMER OIL PROCESSING SITE
INDUSTRIAL STREET
WRENS, JEFFERSON COUNTY, GEORGIA**



REV	DATE	DESCRIPTION	DWN BY	DES BY	CHK BY	APP BY
S-9-11-12		JPC	CSC	TAL	IPM	

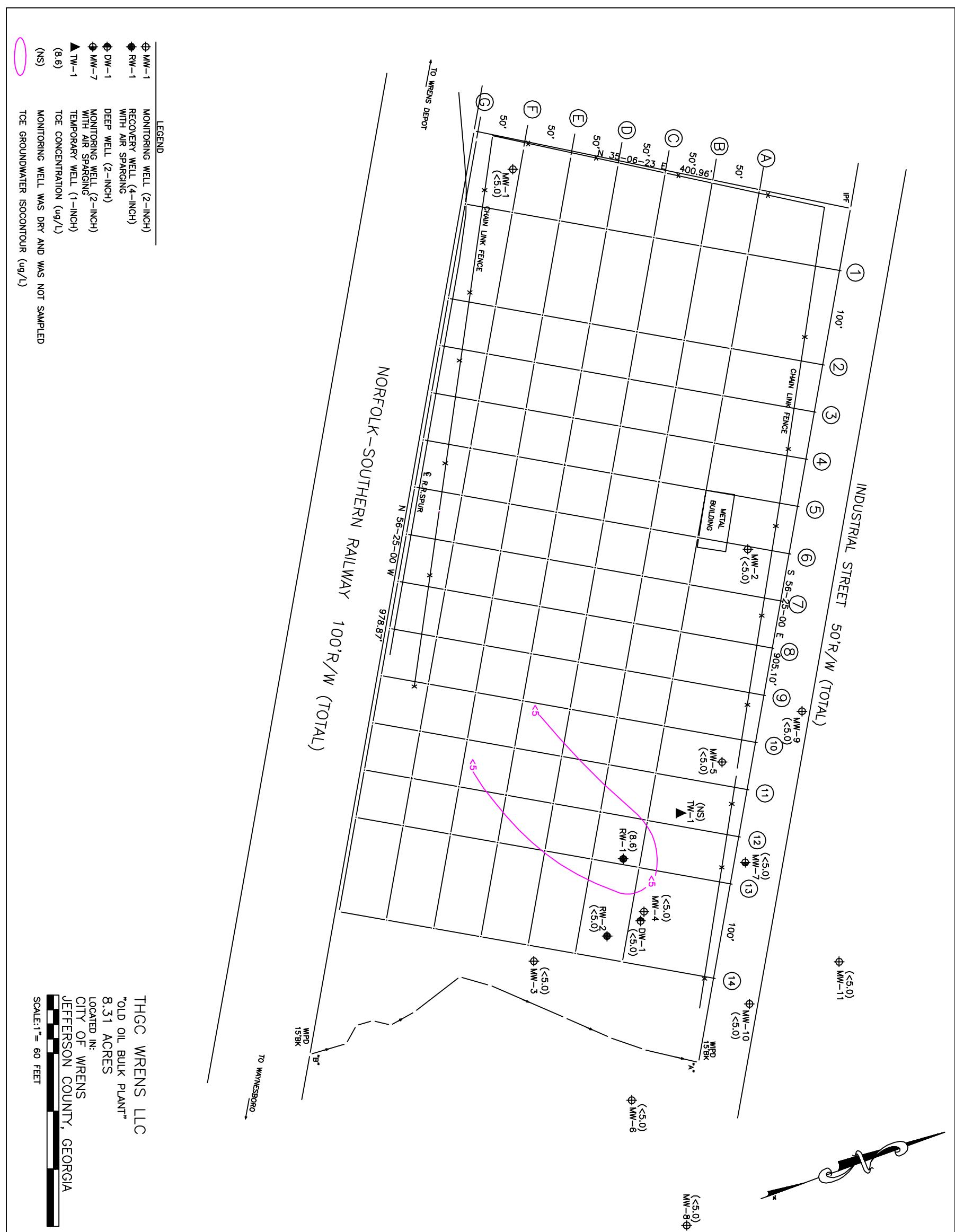
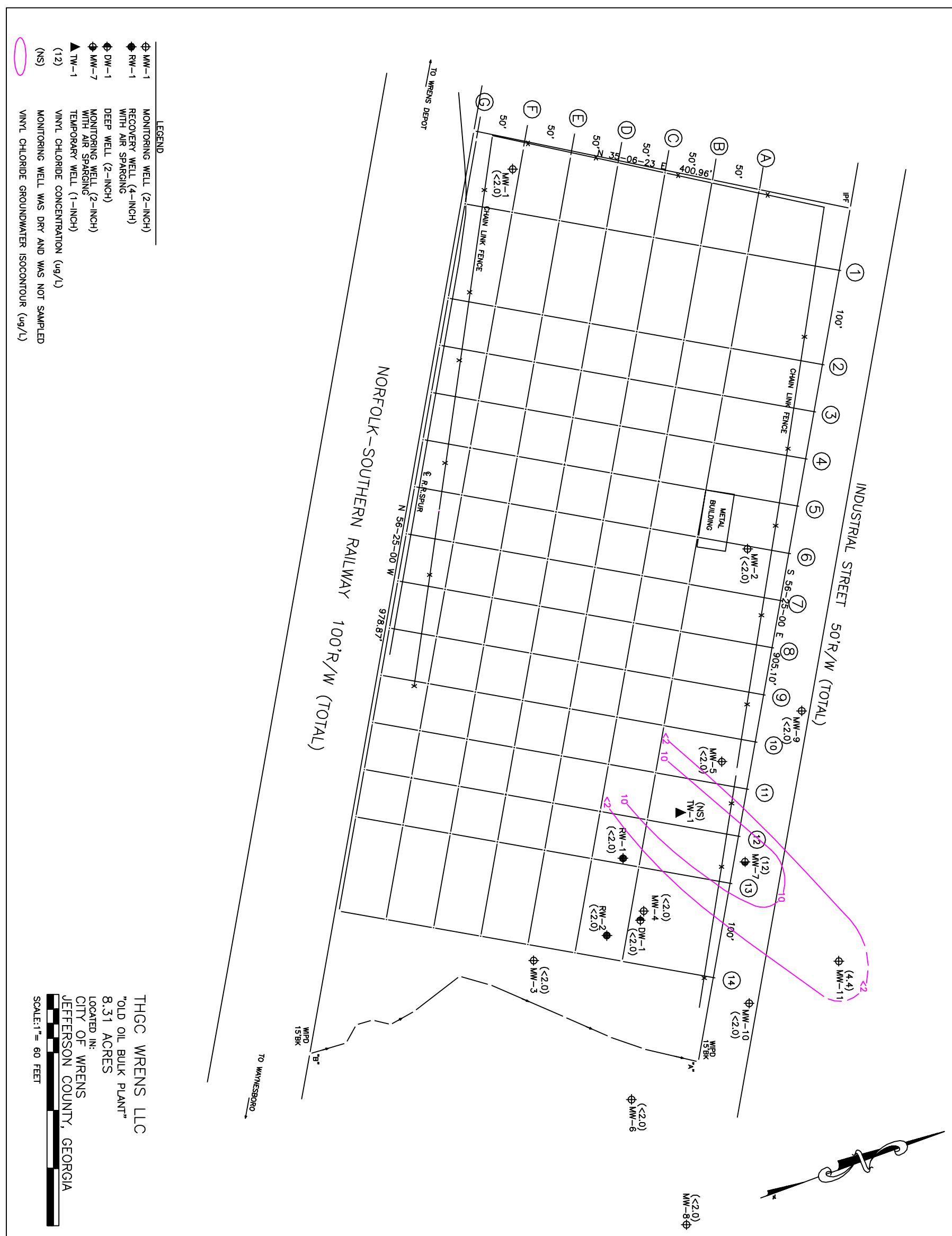


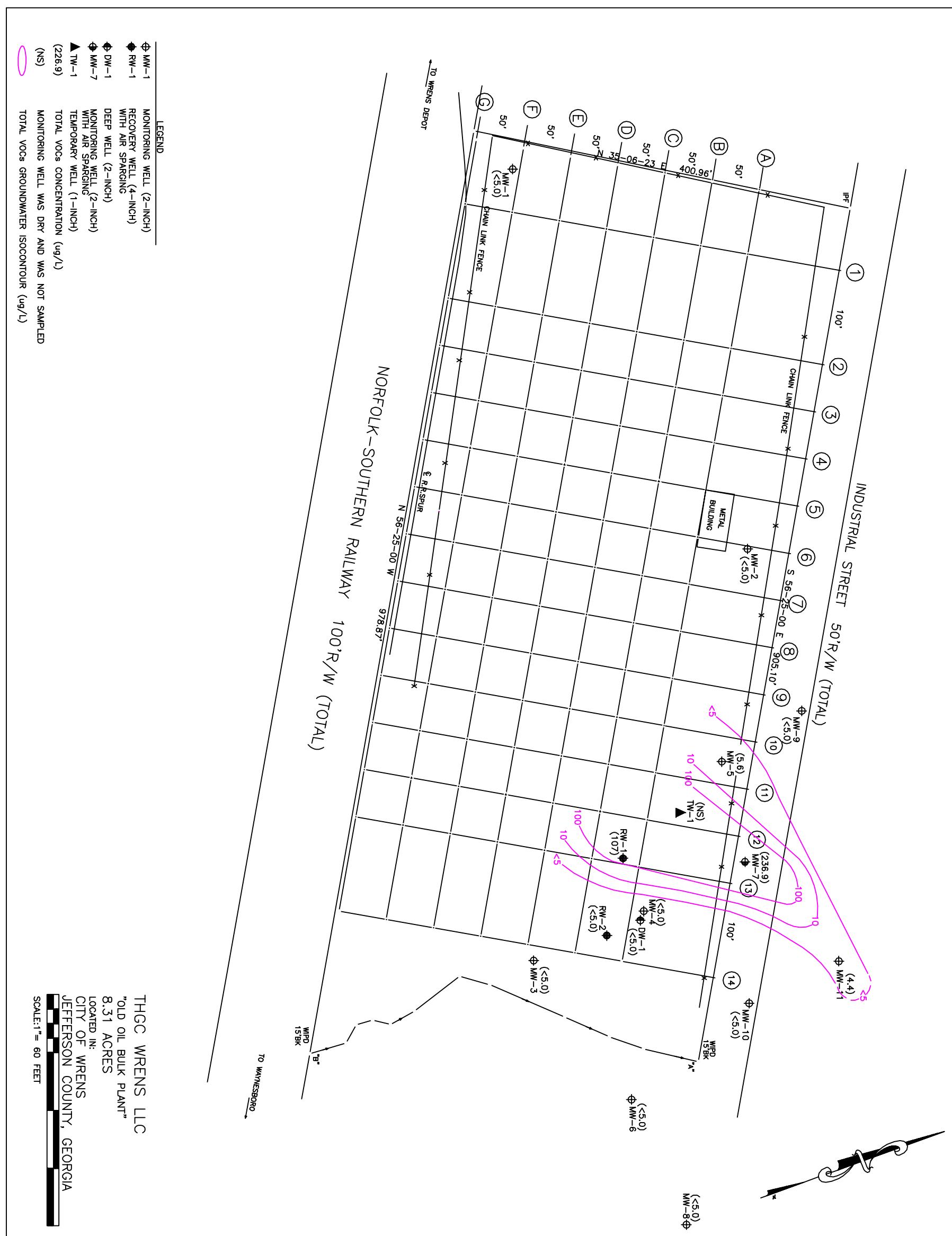
FIGURE NO.

13

**FORMER OIL PROCESSING SITE
INDUSTRIAL STREET
WRENS, JEFFERSON COUNTY, GEORGIA**







**FORMER OIL PROCESSING SITE
INDUSTRIAL STREET
RENS, JEFFERSON COUNTY, GEORGIA**





TABLES

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
HSI# 10245

TABLE 1
Summary of Depth to Water Measurements and Monitoring Well Top of Casing Elevations

Monitoring Well I.D.	Date	Top of Casing Elevation (feet)	Depth to Groundwater (feet)	Total Well Depth (feet)	Water Level Elevation (feet)
MW-1	06/11/13	398.62	42.22	49.52	356.40
MW-2	06/11/13	380.45	26.02	42.60	354.43
MW-3	06/11/13	368.08	14.90	26.92	353.18
MW-4	06/11/13	371.39	18.27	31.54	353.12
MW-5	06/11/13	380.56	27.28	42.42	353.28
MW-6	06/11/13	360.56	8.10	23.18	352.46
MW-7	06/11/13	366.31	14.00	27.55	352.31
MW-8	06/11/13	357.96	6.24	23.00	351.72
MW-9	06/11/13	375.78	23.53	44.35	352.25
MW-10	06/11/13	361.66	9.55	24.45	352.11
MW-11	06/11/13	368.88	NM	NM	NA
DW-1	06/11/13	370.10	19.56	63.32	350.54
RW-1	06/11/13	371.83	17.87	50.35	353.96
RW-2	06/11/13	367.22	13.70	46.33	353.52
TW-1	06/11/13	377.89	NM	NM	NA

NOTES:

1. Top of casing elevations based on survey data collected by Dobbs Environmental
2. NM - Water level measurement was not collected
3. NA - Not Applicable

**Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia**

TABLE 2
January - June 2013 Groundwater Analytical Testing Data Summary Table

NOTES:

Bolded numbers denote concentrations above laboratory detection limits

Bolded and bracketed numbers denote concentrations above Type 3 RRS

NC - Type 3 RRS were not calculated for analyte (Analyte was not detected above laboratory detection limits)

NR - Not Regulated, Compound not regulated by HSRA

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
HS# 10245

TABLE 2
February 2013 Groundwater Analytical Testing Data Summary Table

SAMPLE DESIGNATION	TYPE 3 RRS	TW-1	TW-2	TW-3	TW-4	TW-5	TW-6	TW-7	TW-8
		2/12/2013	2/12/2013	2/12/2013	2/12/2013	2/12/2013	2/12/2013	2/12/2013	2/12/2013
ANALYTES	ug/L	LABORATORY RESULTS (ug/L)							
TCL Volatile Organics									
1,1,1-Trichloroethane	200	NS	<5.0	<5.0	<5.0	120	<5.0	<5.0	
1,1,2,2-Tetrachloroethane	NC	NS	8.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	5.0	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	4,000	NS	20	<5.0	<5.0	100	21	85	28
1,1-Dichloroethene	7.0	NS	<5.0	<5.0	<5.0	<5.0	9.0	<5.0	<5.0
1,2,4-Trichlorobenzene	NC	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromo-3-chloropropane	NC	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane	NC	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	600	NS	<5.0	<5.0	<5.0	5.9	13	<5.0	<5.0
1,2-Dichloroethane	5.0	NS	17	<5.0	<5.0	28	17	25	17
1,2-Dichloroethene (Total)	NC	NS	150	<5.0	13	<5.0	240	41	5.5
1,2-Dichloropropane	5.0	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene	NC	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	NC	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone	NC	NS	<50	<50	<50	<50	<50	<50	<50
2-Hexanone	NR	NS	<10	<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone	NC	NS	<10	<10	<10	<10	<10	<10	<10
Acetone	NC	NS	<50	<50	<50	<50	<50	<50	<50
Benzene	5.0	NS	140	<5.0	<5.0	23	300	9.0	<5.0
Bromodichloromethane	NC	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform	NC	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane	NC	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon disulfide	NC	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon tetrachloride	NC	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	NC	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	NC	NS	<10	<10	<10	<10	<10	<10	<10
Chloroform	NC	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	NC	NS	<10	<10	<10	<10	<10	<10	<10
cis-1,2-Dichloroethene	5.0	NS	150	<5.0	13	<5.0	240	41	5.5
cis-1,3-Dichloropropene	NC	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Cyclohexane	5.0	NS	<5.0	<5.0	<5.0	5.6	<5.0	<5.0	<5.0
Dibromochloromethane	NC	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dichlorofluoromethane	NC	NS	<10	<10	<10	<10	<10	<10	<10
Ethylbenzene	700	NS	<5.0	<5.0	<5.0	5.8	<5.0	<5.0	<5.0
Freon-113	NC	NS	<10	<10	<10	<10	<10	<10	<10
Isopropylbenzene	5.0	NS	<5.0	<5.0	<5.0	<5.0	14	<5.0	<5.0
m,p-Xylene	NC	NS	<10	<10	<10	<10	85	<10	<10
Methyl acetate	NC	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl t-butyl ether	NR	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methylcyclohexane	NR	NS	<5.0	<5.0	<5.0	<5.0	6.6	<5.0	<5.0
Methylene chloride	NC	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	20	NS	5.3	<5.0	<5.0	38	180	<5.0	5.0
o-Xylene	NC	NS	<5.0	<5.0	<5.0	<5.0	180	<5.0	<5.0
Styrene	NC	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	5.0	NS	6.4	<5.0	<5.0	<5.0	16	<5.0	<5.0
Toluene	1,000	NS	<5.0	<5.0	<5.0	5.9	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene	NC	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene	NC	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichloroethene	5.0	NS	8.5	<5.0	<5.0	<5.0	49	<5.0	<5.0
Trichlorofluoromethane	NC	NS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl chloride	2.0	NS	16	<2.0	<2.0	<2.0	<2.0	64	14
Xylenes (Total)	10,000	NS	<5.0	<5.0	<5.0	6.6	300	<5.0	<5.0

NOTES:

Bolded numbers denote concentrations above laboratory detection limits

Bolded and bracketed numbers denote concentrations above Type 3 RRS

NC - Type 3 RRS were not calculated for analyte (analyte was not detected above laboratory detection limits)

NR - Not Regulated, Compound not regulated by HSRRA

NS - Not Sampled, TW-1 was dry and was not sampled

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
HSI# 10245

TABLE 3(a)
Historic Groundwater Analytical Testing Data Summary Table - 1,1-Dichloroethane

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1	
DATE	LABORATORY RESULTS (ug/L)															
12/12/1996	< 5	< 5	36	40												
8/25/1998	< 5	< 5	< 5	120												
11/18/1998	NA	NA	NA	NA												
11/10/1999	< 5	< 5	41	240	< 5	5.6										
8/15/2000	< 5	< 5	95	50	< 5	6.6										
1/9/2001	< 5	< 5	16	69	< 5	< 5										
6/13/2001	< 5	< 5	< 5	25	12	< 5										
12/5/2001	< 5	< 5	260	100	29	< 5										
4/15/2002	< 5	< 5	5.5	110	28	5.2										
10/22/2002	< 5	< 5	330	44	29	7.8	110	< 5				< 5	< 5	1,000		
2/13/2003	< 5	< 5	7.6	130	5.7	< 5	51	< 5				5.6	38	1,600		
8/18/2003	< 5	< 5	56	37	< 5	< 5	18	< 5				< 5	44	580		
5/11/2004	< 5	< 5	14	87	< 5	14	90	5.1				< 5	< 5	550		
9/30/2004	< 5	< 5	< 5	110	< 5	< 5	< 5	< 5				< 5	68	460		
2/23/2005	< 5	< 5	< 5	60	< 5	10	< 5	< 5				< 5	21	38		
9/27/2005	< 5	< 5	9.1	42	< 5	< 5	30	< 5				< 5	< 5	18		
3/7/2006	< 5	< 5	< 5	5.8	< 5	6.5	40	< 5				< 5	41	85		
10/19/2006	< 5	< 5	120	100	13	17	200	< 5				< 5	6.6	31		
10/3/2007	< 5	< 5	21	95	< 5	< 5	39	< 5				< 5	13	120		
1/30/2008	< 5	< 5	< 5	40	< 5	9.9	54	< 5	< 5	11		< 5	20	92		
9/17/2008	< 5	< 5	< 5	16	< 5	< 5	49	< 5	< 5	7.8		< 5	NS	NS		
1/29/2009	< 5	< 5	< 5	< 5	< 5	< 5	12	< 5	< 5	12		< 5	< 5	< 5		
6/23/2009	< 5	< 5	< 5	< 5	< 5	< 5	23	< 5	< 5	25		< 5	< 5	33		
3/3-4/2010	< 5	< 5	< 5	< 5	< 5	< 5	130	< 5	< 5	23		< 5	9.9	< 5		
9/14-15/2010	< 5	< 5	< 5	10	< 5	< 5	220	< 5	< 5	22/21	35	< 5	< 5	31	140	
3/9-10/2011	< 5	< 5	< 5	< 5/< 5	< 5	< 5	270	< 5	< 5	12	18	< 5	< 5	64	180	
9/6-7/2011	< 5	< 5	23	20	< 5	< 5/< 5	190	< 5	< 5	17	44	< 5	< 5	28/23	100	
3/27-28/2012	< 5	< 5	5.5	22	< 5/< 5	< 5	72	< 5	< 5	8.1/7.5	27	< 5	< 5	120	dry	
7/24-25/2012	< 5	< 5	24	18	< 5	6.4/6.2	270	< 5	< 5	13	46	< 5	< 5	49/48	dry	
2/13-14/2013	< 5	< 5	< 5	8	< 5	< 5	130	< 5	< 5	< 5	< 5	< 5	< 5	97	dry	
6/11-12/2013	< 5	< 5	< 5	< 5	< 5	< 5	63	< 5	< 5	< 5	< 5	< 5	57	< 5	NS	

Notes: 1) 1,1-Dichloroethane (ug/l) Type 3 RRS (4,000 ppb)
2) NS - Not Sampled

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
HSI# 10245

TABLE 3(b)
Historic Groundwater Analytical Testing Data Summary Table - 1,1-Dichloroethene

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1	
DATE	LABORATORY RESULTS (ug/L)															
12/12/1996	< 5	< 5	< 5	< 5												
8/25/1998	< 5	< 5	< 5	< 5												
11/18/1998	NA	NA	NA	NA												
11/10/1999	< 5	< 5	< 5	< 5	< 5	< 5										
8/15/2000	< 5	< 5	< 5	< 5	< 5	< 5										
1/9/2001	< 5	< 5	< 5	< 5	< 5	< 5										
6/13/2001	< 5	< 5	< 5	< 5	< 5	< 5										
12/5/2001	< 5	< 5	< 5	< 5	< 5	< 5										
4/15/2002	< 5	< 5	< 5	< 5	< 5	< 5										
10/22/2002	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	1,000		
2/13/2003	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	1,500		
8/18/2003	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	400		
5/11/2004	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	380		
9/30/2004	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	200		
2/23/2005	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	44		
9/27/2005	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5		
3/7/2006	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	13		
10/19/2006	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5		
10/3/2007	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	16		
1/30/2008	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5		
9/17/2008	< 5	< 5	< 5	< 5	< 5	< 5	6.4	< 5	< 5			< 5	NS	NS		
1/29/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5		
6/23/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5		
3/3-4/2010	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5/< 5	< 5	< 5			< 5	< 5	< 5		
4/30/2010												< 5			< 5	
9/14-15/2010	< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	34
3/9-10/2011	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	30
9/6-7/2011	< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	9.3
3/27-28/2012	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	dry
7/24-25/2012	< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	dry
2/13-14/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	dry
6/11-12/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS

Notes: 1) 1,1-Dichloroethene (ug/l) Type 3 RRS (7 ppb)
2) Bolded concentrations exceed Type 3 RRS

Former Oil Processing Corporation Property
 Industrial Street, Wrens, Jefferson County, Georgia
 HSI# 10245

TABLE 3(c)
Historic Groundwater Analytical Testing Data Summary Table - 1,2-Dichloroethane

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1	
DATE	LABORATORY RESULTS (ug/L)															
12/12/1996	< 5	< 5	< 5	51												
8/25/1998	< 5	< 5	< 5	220												
11/18/1998	NA	NA	NA	NA												
11/10/1999	< 5	< 5	< 5	< 5	< 5	< 5										
8/15/2000	< 5	< 5	18	< 5	< 5	< 5										
1/9/2001	< 5	< 5	14	320	< 5	< 5										
6/13/2001	< 5	< 5	< 5	120	13	< 5										
12/5/2001	< 5	< 5	200	460	28	< 5										
4/15/2002	< 5	< 5	< 5	760	27	< 5										
10/22/2002	< 5	< 5	100	380	27	< 5	170	< 5				< 5	< 5	380		
2/13/2003	< 5	< 5	< 5	410	6.3	< 5	37	< 5				37	19	870		
8/18/2003	< 5	< 5	24	12	< 5	< 5	38	< 5				< 5	< 5	340		
5/11/2004	< 5	< 5	10	43	< 5	24	420	< 5				6.1	< 5	320		
9/30/2004	< 5	< 5	< 5	31	< 5	5.9	< 5					< 5	17	160		
2/23/2005	< 5	< 5	< 5	36	< 5	8.1	7.9	< 5				< 5	6	81		
9/27/2005	< 5	< 5	< 5	41	< 5	< 5	51	< 5				< 5	< 5	< 5		
3/7/2006	< 5	< 5	< 5	< 5	< 5	5.9	64	< 5				< 5	< 5	48		
10/19/2006	< 5	< 5	< 5	140	< 5	14	300	< 5				< 5	< 5	30		
10/3/2007	< 5	< 5	15	150	< 5	< 5	150	< 5				< 5	< 5	13		
1/30/2008	< 5	< 5	< 5	76	< 5	10	75	< 5	< 5	< 5		< 5	< 5	78		
9/17/2008	< 5	< 5	< 5	16	< 5	< 5	69	< 5	< 5	< 5		< 5	NS	NS		
1/29/2009	< 5	< 5	< 5	< 5	< 5	< 5	31	< 5	< 5		6.9	< 5	< 5	< 5	< 5	
6/23/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5		15	< 5	< 5	< 5	20	
3/3-4/2010	< 5	< 5	< 5	< 5	< 5	< 5	43	< 5	< 5		12	< 5	< 5	< 5	< 5	
9/14-15/2010	< 5	< 5	< 5	25	< 5	< 5/< 5	150	< 5	< 5		13/14	7.4	< 5	< 5	9.5	64
3/9-10/2011	< 5	< 5	< 5	< 5/< 5	< 5	< 5	100	< 5	< 5		< 5	< 5	< 5	< 5	23	57
9/6-7/2011	< 5	< 5	10	34	< 5	< 5/< 5	51	< 5	< 5		6.5	15	< 5	< 5	8.3/11	67
3/27-28/2012	< 5	< 5	< 5	40	< 5/< 5	< 5	25	< 5	< 5		< 5/< 5	8	< 5	< 5	30	dry
7/24-25/2012	< 5	< 5	14	17	< 5	< 5/< 5	120	< 5	< 5		5.7	14	< 5	< 5	13/13	dry
2/13-14/2013	< 5	< 5	< 5	8.3	< 5	< 5	68	< 5	< 5		< 5	< 5	< 5	5.2	32	dry
6/11-12/2013	< 5	< 5	< 5	< 5	< 5	< 5	23	< 5	< 5		< 5	< 5	< 5	6.4	< 5	NS

Notes: 1) 1,2-Dichloroethane (ug/l) Type 3 RRS (5 ppb)
 2) Bolded concentrations exceed Type 3 RRS
 3) NS - Not Sampled

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
HSI# 10245

TABLE 3(d)

Historic Groundwater Analytical Testing Data Summary Table - 1,2-Dichloroethene (Total)

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1	
DATE	LABORATORY RESULTS (ug/L)															
12/12/1996	< 10	< 10	< 10	100												
8/25/1998	< 10	< 10	< 10	530												
11/18/1998	NA	NA	NA	NA												
11/10/1999	< 10	< 10	6.8	79	< 10	5.1										
8/15/2000	< 10	< 10	18	72	< 10	< 10										
1/9/2001	< 10	< 10	16	470	< 10	< 10										
6/13/2001	< 10	< 10	< 10	270	5.9	< 10										
12/5/2001	< 10	< 10	160	970	17	< 10										
4/15/2002	< 10	< 10	< 10	500	15	< 10										
10/22/2002	< 10	5	100	820	15	< 10	800	< 10				< 10	< 10	560		
2/13/2003	< 10	< 10	< 10	570	< 10	< 10	480	< 10				< 10	23	1,000		
8/18/2003	< 10	< 10	32	< 10	< 10	< 10	71	< 10				< 10	< 10	410		
5/11/2004	< 10	< 10	9.3	< 10	< 10	7.7	330	< 10				< 10	< 10	240		
9/30/2004	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	9.2	200		
2/23/2005	< 10	< 10	< 10	6.3	< 10	< 10	< 10	< 10				< 10	9.2	36		
9/27/2005	< 10	< 10	15	25	< 10	< 10	28	< 10				< 10	< 10	18		
3/7/2006	< 10	< 10	< 10	< 10	< 10	6.3	32	< 10				< 10	8.9	44		
10/19/2006	< 10	< 10	140	145.5	7.9	15	470	< 10				< 10	< 10	36		
10/3/2007	< 10	< 10	45	12	< 10	< 10	< 10	< 10				< 10	< 10	14		
1/30/2008	< 10	< 10	< 10	< 10	< 10	9.4	78	< 10	< 10	< 10		< 10	< 10	< 10		
9/17/2008	< 10	< 10	< 10	< 10	< 10	< 10	300	< 10	< 10	7.7		< 10	NS	NS		
1/29/2009	< 10	< 10	< 10	< 10	< 10	< 10	42	< 10	< 10	27		< 10	< 10	< 10		
6/23/2009	< 10	< 10	7.3	< 10	< 10	< 10	9	< 10	< 10	57		< 10	< 10	41		
3/3-4/2010	< 10	< 10	< 10	< 10	< 10	< 10	26	< 10	< 10	48		< 10	< 10	7.2		
9/14-15/2010	< 10	< 10	< 10	53	< 10	< 10/< 10	56	< 10	< 10	28/30	< 5	< 10	< 10	30	2,300	
3/9-10/2011	< 10	< 10	< 10	14/18	< 10	< 10	41	< 10	< 10	11	< 5	< 5	< 5	44	1,900	
9/6-7/2011	< 10	< 10	42	110	< 5	< 5/< 5	69	< 5	< 5	34	7.8	< 5	< 5	18/18	690	
3/27-28/2012	< 5	< 5	11	< 5	< 5/< 5	< 5	< 5	< 5	< 5	14/13	< 5	< 5	< 5	65	dry	
7/24-25/2012	< 5	< 5	45	19	5.9	< 5/< 5	49	< 5	< 5	19	< 5	< 5	< 5	31/31	dry	
2/13-14/2013	< 5	< 5	< 5	40	< 5	< 5	23	< 5	< 5	< 5	< 5	< 5	< 5	14	42	dry
6/11-12/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	19	< 5	NS

Notes: 1) 1,2-Dichloroethene (Total) (ug/l) Type 4 RRS RAGS Equation 2 (1,000 ppb)

2) Bolded concentrations exceed Type 4 RRS

3) NS - Not Sampled

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
HSI# 10245

TABLE 3(e)
Historic Groundwater Analytical Testing Data Summary Table - 1,1,1-Trichloroethane

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1	
DATE	LABORATORY RESULTS (ug/L)															
12/12/1996	< 5	< 5	< 5	< 5												
8/25/1998	< 5	< 5	< 5	< 5												
11/18/1998	NA	NA	NA	NA												
11/10/1999	< 5	< 5	< 5	< 5	< 5	< 5										
8/15/2000	< 5	< 5	< 5	< 5	< 5	< 5										
1/9/2001	< 5	< 5	< 5	< 5	< 5	< 5										
6/13/2001	< 5	< 5	< 5	< 5	< 5	< 5										
12/5/2001	< 5	< 5	< 5	< 5	< 5	< 5										
4/15/2002	< 5	< 5	< 5	< 5	< 5	< 5										
10/22/2002	< 5	< 5	< 5	< 5	< 5	21	< 5					< 5	< 5	2,400		
2/13/2003	< 5	< 5	< 5	< 5	< 5	< 5	77	< 5				< 5	< 5	3,000		
8/18/2003	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	620		
5/11/2004	< 5	< 5	< 5	< 5	< 5	< 5	90	< 5				< 5	< 5	600		
9/30/2004	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	230		
2/23/2005	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5		
9/27/2005	< 5	< 5	< 5	< 5	< 5	< 5	15	< 5				< 5	< 5	< 5		
3/7/2006	< 5	< 5	< 5	< 5	< 5	< 5	11	< 5				< 5	< 5	< 5		
10/19/2006	< 5	< 5	< 5	< 5	< 5	< 5	35	< 5				< 5	< 5	< 5		
10/3/2007	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5		
1/30/2008	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5		
9/17/2008	< 5	< 5	< 5	< 5	< 5	< 5	5.6	< 5	< 5			< 5	NS	NS		
1/29/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5		
6/23/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5		
3/3-4/2010	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5/< 5	< 5	< 5			< 5	< 5	< 5		
4/30/2010												< 5			< 5	
9/14-15/2010	< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	47
3/9-10/2011	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	55
9/6-7/2011	< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	11
3/27-28/2012	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	dry
7/24-25/2012	< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	dry
2/13-14/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	dry
6/11-12/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS

Notes: 1) 1,1,1-Trichloroethane (ug/l) Type 3 RRS (200 ppb)

2) Bolded concentrations exceed Type 3 RRS

3) NS - Not Sampled

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
HSI# 10245

TABLE 3(f)
Historic Groundwater Analytical Testing Data Summary Table - 1,1,2-Trichloroethane

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1	
DATE	LABORATORY RESULTS (ug/L)															
12/12/1996	< 5	< 5	< 5	< 5												
8/25/1998	< 5	< 5	< 5	< 5												
11/18/1998	NA	NA	NA	NA												
11/10/1999	< 5	< 5	< 5	< 5	5.3	< 5										
8/15/2000	< 5	< 5	< 5	< 5	< 5	< 5										
1/9/2001	< 5	< 5	8.4	< 5	< 5	< 5										
6/13/2001	< 5	< 5	< 5	< 5	10	< 5										
12/5/2001	< 5	< 5	33	22	18	< 5										
4/15/2002	< 5	< 5	< 5	26	23	< 5										
10/22/2002	< 5	< 5	100	8.3	22	< 5	68	< 5				< 5	< 5	67		
2/13/2003	< 5	< 5	7.6	13	5.6	< 5	72	< 5				< 5	< 5	75		
8/18/2003	< 5	< 5	17	< 5	< 5	< 5	31	< 5				< 5	< 5	43		
5/11/2004	< 5	< 5	< 5	6.7	< 5	< 5	170	< 5				< 5	< 5	< 5		
9/30/2004	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	6.6	< 5		
2/23/2005	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5		
9/27/2005	< 5	< 5	< 5	< 5	< 5	< 5	26	< 5				< 5	< 5	< 5		
3/7/2006	< 5	< 5	< 5	< 5	< 5	< 5	33	< 5				< 5	< 5	6.3		
10/19/2006	< 5	< 5	< 5	10	6	< 5	170	< 5				< 5	< 5	< 5		
10/3/2007	< 5	< 5	< 5	14	< 5	< 5	110	< 5				< 5	< 5	< 5		
1/30/2008	< 5	< 5	< 5	< 5	< 5	< 5	47	< 5	< 5	< 5		< 5	< 5	< 5		
9/17/2008	< 5	< 5	< 5	< 5	< 5	< 5	76	< 5	< 5	< 5		< 5	NS	NS		
1/29/2009	< 5	< 5	< 5	< 5	< 5	< 5	14	< 5	< 5	< 5		< 5	< 5	< 5		
6/23/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5		
3/3-4/2010	< 5	< 5	< 5	< 5	< 5/< 5	< 5	13/12	< 5	< 5	< 5		< 5	< 5	< 5		
4/30/2010												< 5				< 5
9/14-15/2010	< 5	< 5	< 5	< 5	< 5	< 5/< 5	61	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5
3/9-10/2011	< 5	< 5	< 5	< 5/< 5	< 5	< 5	36	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	35
9/6-7/2011	< 5	< 5	< 5	< 5	< 5	< 5/< 5	16	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	13
3/27-28/2012	< 5	< 5	< 5	< 5	< 5/< 5	< 5	5.5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	dry
7/24-25/2012	< 5	< 5	< 5	< 5	< 5	< 5/< 5	37	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5
2/13-14/2013	< 5	< 5	< 5	8	< 5	< 5	130	< 5	< 5	< 5	< 5	< 5	< 5	23	97	dry
6/11-12/2013	< 5	< 5	< 5	< 5	< 5	< 5	8.9	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS

Notes: 1) 1,1,2-Trichloroethane (ug/l) Type 4 RRS RAGS Equation 1 (46 ppb)

2) Bolded concentrations exceed Type 4 RRS

3) NS - Not Sampled

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
HSI# 10245

TABLE 3(g)

Historic Groundwater Analytical Testing Data Summary Table - 1,1,2,2-Tetrachloroethane

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1	
DATE	LABORATORY RESULTS (ug/L)															
12/12/1996	< 5	< 5	< 5	< 5												
8/25/1998	< 5	< 5	< 5	< 5												
11/18/1998	NA	NA	NA	NA												
11/10/1999	< 5	< 5	< 5	< 5	< 5	< 5										
8/15/2000	< 5	< 5	< 5	< 5	< 5	< 5										
1/9/2001	< 5	< 5	< 5	< 5	< 5	< 5										
6/13/2001	< 5	< 5	< 5	< 5	< 5	< 5										
12/5/2001	< 5	< 5	< 5	< 5	< 5	< 5										
4/15/2002	< 5	< 5	< 5	< 5	< 5	< 5										
10/22/2002	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5		
2/13/2003	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5		
8/18/2003	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5		
5/11/2004	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5		
9/30/2004	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5		
2/23/2005	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5		
9/27/2005	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5		
3/7/2006	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5		
10/19/2006	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5		
10/3/2007	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5		
1/30/2008	< 5	< 5	< 5	< 5	< 5	< 5	17	< 5	< 5	< 5		< 5	< 5	< 5	< 5	< 5
9/17/2008	< 5	< 5	< 5	< 5	< 5	< 5	23	< 5	< 5	< 5		< 5	< 5	NS	NS	
1/29/2009	< 5	< 5	< 5	< 5	< 5	< 5	21	< 5	< 5	< 5		< 5	< 5	< 5	< 5	< 5
6/23/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5	< 5	< 5
3/3-4/2010	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5/ 5.1	< 5	< 5	< 5		< 5	< 5	< 5	< 5	< 5
4/30/2010												< 5				10
9/14-15/2010	< 5	< 5	< 5	< 5	< 5/< 5	< 5	13	< 5	< 5	< 5/< 5		< 5	< 5	< 5	< 5	22
3/9-10/2011	< 5	< 5	< 5	< 5/< 5	< 5	< 5	5.9	< 5	< 5	< 5		< 5	< 5	< 5	< 5	28
9/6-7/2011	< 5	< 5	< 5	< 5	< 5	< 5	16	< 5	< 5	< 5		< 5	< 5	< 5	< 5	< 5/< 5
3/27-28/2012	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5/< 5		< 5	< 5	< 5	< 5	dry
7/24-25/2012	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5		< 5	< 5	< 5	< 5	< 5/< 5
2/13-14/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	< 5	dry
6/11-12/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	< 5	NS

Notes: 1) 1,1,2,2-Tetrachloroethane (ug/l) Type 4 RRS RAGS Equation 1 (13 ppb)

2) Bolded concentrations exceed Type 4 RRS

3) NS - Not Sampled

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
HSI# 10245

TABLE 3(h)
Historic Groundwater Analytical Testing Data Summary Table - 2-Butanone

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1	
DATE	LABORATORY RESULTS (ug/L)															
12/12/1996	< 10	< 10	< 10	< 10												
8/25/1998	< 10	< 10	< 10	< 10												
11/18/1998	NA	NA	NA	NA												
11/10/1999	< 10	< 10	< 10	< 10	< 10	< 10										
8/15/2000	< 10	< 10	< 10	< 10	< 10	< 10										
1/9/2001	< 10	< 10	< 10	< 10	< 10	< 10										
6/13/2001	<10	<10	<10	<10	<10	<10										
12/5/2001	< 10	< 10	< 10	< 10	< 10	< 10										
4/15/2002	< 10	< 10	< 10	< 10	< 10	< 10										
10/22/2002	< 10	< 10	< 10	< 10	< 10	< 10	< 10					< 10	240	< 10		
2/13/2003	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	4,700		
8/18/2003	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	2,100		
5/11/2004	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	2,100		
9/30/2004	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	2,100		
2/23/2005	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	< 10		
9/27/2005	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	130		
3/7/2006	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50				< 50	< 50	410		
10/19/2006	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50				< 50	< 50	440		
10/3/2007	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50				< 50	< 50	< 50		
1/30/2008	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50				< 50	< 50	< 50		
9/17/2008	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50				< 50	< 50	NS	NS	
1/29/2009	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50				< 50	< 50	< 50	< 50	
6/23/2009	< 50	< 50	< 50	< 50	< 50	< 50	99	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	
3/3-4/2010	< 50	< 50	< 50	< 50	< 50/< 50	< 50	< 50/< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	
4/30/2010												< 50			< 50	
9/14-15/2010	< 50	< 50	< 50	< 50	< 50	< 50/< 50	< 50	< 50	< 50	< 50/< 50	< 50	< 50	< 50	< 50	< 50	< 50
3/9-10/2011	< 50	< 50	< 50	< 50/< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
9/6-7/2011	< 50	< 50	< 50	< 50	< 50	< 50	< 50/< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
3/27-28/2012	< 50	< 50	< 50	< 50	< 50/< 50	< 50	< 50	< 50	< 50	< 50/< 50	< 50	< 50	< 50	< 50	< 50	dry
7/24-25/2012	< 50	< 50	< 50	< 50	< 50	< 50/< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	dry
2/13-14/2013	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	dry
6/11-12/2013	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	NS

Notes: 1) 2-Butanone (ug/l) Type 3 RRS (2,000 ppb)
 2) NS - Not Sampled

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
HSI# 10245

TABLE 3(i)
Historic Groundwater Analytical Testing Data Summary Table - 4-Methyl-2-pentanone

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1	
DATE	LABORATORY RESULTS (ug/L)															
12/12/1996	< 10	< 10	< 10	< 10												
8/25/1998	< 10	< 10	< 10	< 10												
11/18/1998	NA	NA	NA	NA												
11/10/1999	< 10	< 10	< 10	< 10	< 10	< 10										
8/15/2000	< 10	< 10	< 10	< 10	< 10	< 10										
1/9/2001	< 10	< 10	< 10	< 10	< 10	< 10										
6/13/2001	<10	<10	<10	<10	<10	<10										
12/5/2001	< 10	< 10	< 10	< 10	< 10	< 10										
4/15/2002	< 10	< 10	< 10	< 10	< 10	< 10										
10/22/2002	< 10	< 10	< 10	< 10	< 10	< 10	< 10					< 10	11	< 10		
2/13/2003	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	350		
8/18/2003	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	220		
5/11/2004	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	280		
9/30/2004	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	160		
2/23/2005	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	< 10		
9/27/2005	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	< 10		
3/7/2006	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	33		
10/19/2006	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	< 10		
10/3/2007	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	< 10		
1/30/2008	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	< 10		
9/17/2008	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	NS	NS	
1/29/2009	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	< 10	< 10	
6/23/2009	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	< 10	< 10	
3/3-4/2010	< 10	< 10	< 10	< 10	< 10/< 10	< 10	< 10/< 10	< 10	< 10			< 10	< 10	< 10	< 10	
4/30/2010												< 10				< 10
9/14-15/2010	< 10	< 10	< 10	< 10	< 10	< 10/< 10	< 10	< 10	< 10	< 10/< 10	< 10	< 10	< 10	< 10	< 10	< 10
3/9-10/2011	< 10	< 10	< 10	< 10/< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
9/6-7/2011	< 10	< 10	< 10	< 10	< 10	< 10	< 10/< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10/< 10	< 10
3/27-28/2012	< 10	< 10	< 10	< 10	< 10/< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	dry
7/24-25/2012	< 10	< 10	< 10	< 10	< 10	< 10/< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10/< 10	dry
2/13-14/2013	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	dry
6/11-12/2013	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NS

Notes: 1) 4-Methyl-2-pentanone (ug/l) Type 3 RRS (2,000 ppb)

2) NS - Not Sampled

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
HSI# 10245

TABLE 3(j)
Historic Groundwater Analytical Testing Data Summary Table - Acetone

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1	
DATE	LABORATORY RESULTS (ug/L)															
12/12/1996	< 20	< 20	< 20	< 20												
8/25/1998	< 20	< 20	< 20	< 20												
11/18/1998	NA	NA	NA	NA												
11/10/1999	< 20	< 20	< 20	< 20	< 20	< 20										
8/15/2000	< 20	< 20	< 20	< 20	< 20	< 20										
1/9/2001	< 20	< 20	< 20	< 20	< 20	< 20										
6/13/2001	< 20	< 20	< 20	< 20	< 20	< 20										
12/5/2001	< 20	< 20	< 20	< 20	< 20	< 20										
4/15/2002	< 20	< 20	< 20	< 20	< 20	< 20										
10/22/2002	< 20	< 20	< 20	< 20	< 20	< 20	< 20					< 20	610	3,200		
2/13/2003	< 20	< 20	< 20	< 20	< 20	< 20	< 20					< 20	6.6	11,000		
8/18/2003	< 20	< 20	< 20	< 20	< 20	< 20	< 20					< 20	30	6,800		
5/11/2004	< 20	< 20	< 20	< 20	< 20	< 20	< 20					< 20	< 20	3,800		
9/30/2004	< 20	< 20	< 20	< 20	< 20	< 20	< 20					< 20	< 20	3,300		
2/23/2005	< 20	< 20	< 20	< 20	< 20	< 20	< 20					< 20	< 20	< 20	< 20	
9/27/2005	< 20	< 20	< 20	< 20	< 20	< 20	< 20					< 20	< 20	270		
3/7/2006	< 50	< 50	< 50	< 50	< 50	< 50	< 50					< 50	< 50	870		
10/19/2006	< 50	< 50	< 50	< 50	< 50	< 50	< 50					< 50	< 50	440		
10/3/2007	< 50	< 50	< 50	< 50	< 50	< 50	< 50					< 50	< 50	95		
1/30/2008	< 50	< 50	< 50	< 50	< 50	< 50	< 50					< 50	< 50	< 50	< 50	
9/17/2008	< 50	< 50	< 50	< 50	< 50	< 50	< 50					< 50	NS	NS		
1/29/2009	< 50	< 50	< 50	< 50	< 50	< 50	< 50					< 50	< 50	< 50	< 50	
6/23/2009	< 50	< 50	< 50	< 50	< 50	< 50	< 50					< 50	< 50	< 50	< 50	
3/3-4/2010	< 50	< 50	< 50	< 50	< 50/< 50	< 50	58/ 50		< 50	< 50	< 50		< 50	< 50	< 50	
4/30/2010												< 50			< 50	
9/14-15/2010	< 50	< 50	< 50	< 50	< 50	< 50/< 50	< 50	< 50	< 50	< 50/< 50	< 50	< 50	< 50	< 50	< 50	
3/9-10/2011	< 50	< 50	< 50	< 50/< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	
9/6-7/2011	< 50	< 50	< 50	< 50	< 50	< 50/< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50/< 50	91
3/27-28/2012	< 50	< 50	< 50	< 50	< 50/< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	dry
7/24-25/2012	< 50	< 50	< 50	< 50	< 50	< 50/< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50/< 50	dry
3/13-14/2013	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	dry
6/11-12/2013	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	NS

- Notes:** 1) Acetone (ug/l) Type 3 RRS (4,000 ppb)
 2) Bolded concentrations exceed Type 3 RRS
 3) NS - Not Sampled

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
HSI# 10245

TABLE 3(k)
Historic Groundwater Analytical Testing Data Summary Table - Benzene

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1	
DATE	LABORATORY RESULTS (ug/L)															
12/12/1996	< 5	< 5	49	190												
8/25/1998	< 5	< 5	40	72												
11/18/1998	NA	NA	NA	NA												
11/10/1999	< 5	< 5	40	490	< 5	< 5										
8/15/2000	< 5	< 5	58	110	< 5	< 5										
1/9/2001	< 5	< 5	< 5	79	< 5	< 5										
6/13/2001	< 5	< 5	< 5	30	< 5	< 5										
12/5/2001	< 5	< 5	150	140	< 5	< 5										
4/15/2002	< 5	< 5	< 5	160	< 5	< 5										
10/22/2002	< 5	< 5	100	54	< 5	7.4	1,300	< 5				< 5	< 5	420		
2/13/2003	< 5	< 5	< 5	90	< 5	< 5	500	< 5				< 5	15	870		
8/18/2003	< 5	< 5	27	16	< 5	< 5	65	< 5				< 5	13	230		
5/11/2004	< 5	< 5	9.3	96	< 5	< 5	110	< 5				< 5	< 5	250		
9/30/2004	< 5	< 5	< 5	120	< 5	< 5	< 5	< 5				< 5	32	210		
2/23/2005	< 5	< 5	< 5	100	< 5	< 5	11	< 5				< 5	6.9	43		
9/27/2005	< 5	< 5	< 5	83	< 5	< 5	23	< 5				300/< 5	< 5	11		
3/7/2006	< 5	< 5	< 5	16	< 5	< 5	< 5	< 5				< 5	15	38		
10/19/2006	< 5	< 5	61	88	< 5	< 5	470	< 5				< 5	< 5	8.8		
10/3/2007	< 5	< 5	5.8	76	< 5	< 5	290	< 5				< 5	< 5	13		
1/30/2008	< 5	< 5	< 5	46	< 5	< 5	61	< 5	< 5	< 5		< 5	< 5	< 5	< 5	
9/17/2008	< 5	< 5	< 5	8.3	< 5	< 5	250	< 5	< 5	< 5		< 5	NS	NS		
1/29/2009	< 5	< 5	< 5	< 5	< 5	< 5	110	< 5	< 5	< 5		< 5	< 5	< 5	< 5	
6/23/2009	< 5	< 5	< 5	< 5	< 5	< 5	230	< 5	< 5	< 5		< 5	< 5	< 5	< 5	
3/3-4/2010	< 5	< 5	< 5	< 5	< 5/< 5	< 5	540/490	< 5	< 5	< 5		< 5	< 5	< 5	< 5	
4/30/2010												< 5			490	
9/14-15/2010	< 5	< 5	< 5	5.4	< 5	< 5/< 5	1,500	< 5	< 5	< 5		< 5	< 5	< 5	< 5	4,200
3/9-10/2011	< 5	< 5	< 5	< 5/< 5	< 5	< 5	1,700	< 5	< 5	< 5		< 5	< 5	< 5	< 5	2,400
9/6-7/2011	< 5	< 5	< 5	13	< 5	< 5/< 5	1,000	< 5	< 5	< 5		110	< 5	< 5	< 5/< 5	830
3/27-28/2012	< 5	< 5	< 5	13	< 5/< 5	< 5	110	< 5	< 5	< 5/< 5		< 5	< 5	10	dry	
7/24-25/2012	< 5	< 5	< 5	7.9	< 5	< 5	1,400	< 5	< 5	< 5		< 5	< 5	< 5	< 5/< 5	dry
2/13-14/2013	< 5	< 5	< 5	< 5	< 5	< 5	420	< 5	< 5	< 5		< 5	< 5	< 5	8.7	dry
6/11-12/2013	< 5	< 5	< 5	< 5	< 5	< 5	130	< 5	< 5	< 5		< 5	< 5	16	< 5	NS

Notes: 1) Benzene (ug/l) Type 4 RRS RAGS Equation 1 (9 ppb)

2) Bolded concentrations exceed Type 4 RRS

3) NS - Not Sampled

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
HSI# 10245

TABLE 3(I)
Historic Groundwater Analytical Testing Data Summary Table - Chloroethane

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1	
DATE	LABORATORY RESULTS (ug/L)															
12/12/1996	< 5	< 5	< 5	260												
8/25/1998	< 5	< 5	< 5	< 5												
11/18/1998	NA	NA	NA	NA												
11/10/1999	< 5	< 5	< 5	220	< 5	< 5										
8/15/2000	< 5	< 5	< 5	72	< 5	< 5										
1/9/2001	< 5	< 5	< 5	18	< 5	< 5										
6/13/2001	< 5	< 5	< 5	8.9	< 5	< 5										
12/5/2001	< 5	< 5	< 5	29	< 5	< 5										
4/15/2002	< 5	< 5	< 5	70	< 5	< 5										
10/22/2002	< 5	< 5	< 5	< 5	< 5	< 5	< 5					< 5	< 5	< 5		
2/13/2003	< 5	< 5	< 5	< 5	< 5	< 5	< 5					< 5	< 5	< 5		
8/18/2003	< 5	< 5	< 5	< 5	< 5	< 5	< 5					< 5	< 5	< 5		
5/11/2004	< 10	< 10	< 10	39	< 10	< 10	< 10					< 10	< 10	< 10		
9/30/2004	< 10	< 10	< 10	24	< 10	< 10	< 10					< 10	< 10	< 10		
2/23/2005	< 10	< 10	< 10	12	< 10	< 10	< 10					< 10	< 10	< 10		
9/27/2005	< 10	< 10	< 10	< 10	< 10	< 10	< 10					< 10	< 10	< 10		
3/7/2006	< 10	< 10	< 10	< 10	< 10	< 10	< 10					< 10	< 10	< 10		
10/19/2006	10	10	< 10	< 10	< 10	< 10	< 10					< 10	< 10	< 10		
10/3/2007	< 10	< 10	< 10	< 10	< 10	< 10	< 10					< 10	< 10	< 10		
1/30/2008	< 10	< 10	< 10	< 10	< 10	< 10	< 10					< 10	< 10	< 10		
9/17/2008	< 10	< 10	< 10	< 10	< 10	< 10	< 10					< 10	< 10	NS	NS	
1/29/2009	< 10	< 10	< 10	< 10	< 10	< 10	< 10					< 10	< 10	< 10	< 10	
6/23/2009	< 10	< 10	< 10	< 10	< 10	< 10	< 10					< 10	< 10	< 10	< 10	
3/3-4/2010	< 10	< 10	< 10	< 10	< 10/< 10	< 10	< 10/< 10					< 10	< 10	< 10	< 10	
4/30/2010												< 10				< 10
9/14-15/2010	< 10	< 10	< 10	< 10	< 10	< 10/< 10	< 10	< 10	< 10	< 10/< 10	35	< 10	< 10	< 10	< 10	< 10
3/9-10/2011	< 10	< 10	< 10	< 10/< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
9/6-7/2011	< 10	< 10	< 10	< 10	< 10	< 10	< 10/< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10/< 10	< 10
3/27-28/2012	< 10	< 10	< 10	< 10	< 10/< 10	< 10	< 10	< 10	< 10	< 10/< 10	< 10	< 10	< 10	< 10	< 10	dry
7/24-25/2012	< 10	< 10	< 10	< 10	< 10	< 10/< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10/< 10	dry
2/13-14/2013	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	dry
6/11-12/2013	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NS

Notes: 1) Chloroethane (ug/l) Type 4 RRS RAGS Equation 2 (29,000 ppb)
2) NS - Not Sampled

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
HSI# 10245

TABLE 3(m)
Historic Groundwater Analytical Testing Data Summary Table - Chloroform

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1	
DATE	LABORATORY RESULTS (ug/L)															
12/12/1996	< 5	< 5	< 5	< 5												
8/25/1998	< 5	< 5	< 5	< 5												
11/18/1998	NA	NA	NA	NA												
11/10/1999	< 5	< 5	< 5	< 5	< 5	< 5										
8/15/2000	< 5	< 5	< 5	< 5	< 5	< 5										
1/9/2001	< 5	< 5	< 5	< 5	< 5	< 5										
6/13/2001	< 5	< 5	< 5	< 5	< 5	< 5										
12/5/2001	< 5	< 5	< 5	< 5	< 5	< 5										
4/15/2002	< 5	< 5	< 5	< 5	< 5	< 5										
10/22/2002	< 5	< 5	< 5	< 5	< 5	< 5	19	< 5				< 5	< 5	9.3		
2/13/2003	< 5	< 5	< 5	< 5	< 5	< 5	13	< 5				< 5	< 5	8.7		
8/18/2003	< 5	< 5	< 5	< 5	< 5	< 5	5	< 5				< 5	< 5	6.1		
5/11/2004	< 5	< 5	< 5	< 5	< 5	< 5	41	< 5				< 5	< 5	< 5		
9/30/2004	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5		
2/23/2005	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5		
9/27/2005	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5		
3/7/2006	< 5	< 5	< 5	< 5	< 5	< 5	5.2	< 5				< 5	< 5	< 5		
10/19/2006	< 5	< 5	< 5	< 5	< 5	< 5	30	< 5				< 5	< 5	< 5		
10/3/2007	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5		
1/30/2008	< 5	< 5	< 5	< 5	< 5	< 5	8.5	< 5	< 5	< 5		< 5	< 5	< 5	< 5	
9/17/2008	< 5	< 5	< 5	< 5	< 5	< 5	10	< 5	< 5	< 5		< 5	< 5	NS	NS	
1/29/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	< 5	
6/23/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	< 5	
3/3-4/2010	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5/< 5	< 5	< 5	< 5		< 5	< 5	< 5	< 5	
4/30/2010												< 5				< 5
9/14-15/2010	< 5	< 5	< 5	< 5	< 5	< 5/< 5	6.8	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	9.7
3/9-10/2011	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	9.4
9/6-7/2011	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	7.7
3/27-28/2012	< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	dry
7/24-25/2012	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	dry
2/13-14/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	dry
6/11-12/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS

Notes: 1) Chloroform (ug/l) Type 3 RRS (100 ppb)
 2) NS - Not Sampled

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
HSI# 10245

TABLE 3(n)
Historic Groundwater Analytical Testing Data Summary Table - Ethylbenzene

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1	
DATE	LABORATORY RESULTS (ug/L)															
12/12/1996	< 5	< 5	14	37												
8/25/1998	< 5	< 5	7	18												
11/18/1998	NA	NA	NA	NA												
11/10/1999	< 5	< 5	12	49	< 5	< 5										
8/15/2000	< 5	< 5	11	32	< 5	< 5										
1/9/2001	< 5	< 5	< 5	26	< 5	< 5										
6/13/2001	< 5	< 5	< 5	< 5	< 5	< 5										
12/5/2001	< 5	< 5	17	17	< 5	< 5										
4/15/2002	< 5	< 5	< 5	41	< 5	< 5										
10/22/2002	< 5	< 5	16	< 5	< 5	< 5	< 5					< 5	< 5	< 5		
2/13/2003	< 5	< 5	< 5	18	< 5	< 5	< 5					< 5	< 5	< 5		
8/18/2003	< 5	< 5	< 5	6	< 5	< 5	< 5					< 5	< 5	< 5		
5/11/2004	< 5	< 5	< 5	7	< 5	< 5	< 5					< 5	< 5	< 5		
9/30/2004	< 5	< 5	< 5	11	< 5	< 5	< 5					< 5	< 5	< 5		
2/23/2005	< 5	< 5	< 5	16	< 5	< 5	< 5					< 5	< 5	< 5		
9/27/2005	< 5	< 5	< 5	10	< 5	< 5	< 5					< 5	< 5	< 5		
3/7/2006	< 5	< 5	< 5	< 5	< 5	< 5	< 5					< 5	< 5	< 5		
10/19/2006	< 5	< 5	< 5	28	< 5	< 5	< 5					< 5	< 5	< 5		
10/3/2007	< 5	< 5	< 5	26	< 5	< 5	< 5					< 5	< 5	< 5		
1/30/2008	< 5	< 5	< 5	14	< 5	< 5	< 5					< 5	< 5	< 5		
9/17/2008	< 5	< 5	< 5	< 5	< 5	< 5	< 5					< 5	< 5	NS	NS	
1/29/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 5					< 5	< 5	< 5	< 5	
6/23/2009	< 5	< 5	< 5	< 5	< 5	< 5	8.9	< 5	< 5	< 5		< 5	< 5	< 5	< 5	
3/3-4/2010	< 5	< 5	< 5	< 5	< 5/< 5	< 5	36/45	< 5	< 5	< 5		< 5	< 5	< 5	< 5	
4/30/2010												< 5				< 5
9/14-15/2010	< 5	< 5	< 5	< 5	< 5	< 5/< 5	38	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	150
3/9-10/2011	< 5	< 5	< 5	< 5/< 5	< 5	< 5	59	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	140
9/6-7/2011	< 5	< 5	< 5	< 5	< 5	< 5/< 5	69	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	7.6
3/27-28/2012	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	dry
7/24-25/2012	< 5	< 5	< 5	< 5	< 5	< 5/< 5	60	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	dry
2/13-14/2013	< 5	< 5	< 5	< 5	< 5	< 5	8	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	dry
6/11-12/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS

Notes: 1) Ethylbenzene (ug/l) Type 4 RRS RAGS Equation 2 (2,000 ppb)

2) NS - Not Sampled

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
HSI# 10245

TABLE 3(o)
Historic Groundwater Analytical Testing Data Summary Table - Tetrachloroethene

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1	
DATE	LABORATORY RESULTS (ug/L)															
12/12/1996	< 5	< 5	< 5	< 5												
8/25/1998	< 5	< 5	< 5	< 5												
11/18/1998	NA	NA	NA	NA												
11/10/1999	< 5	< 5	< 5	< 5	9.4	< 5										
8/15/2000	< 5	< 5	< 5	< 5	< 5	< 5										
1/9/2001	< 5	< 5	< 5	< 5	< 5	< 5										
6/13/2001	< 5	< 5	< 5	< 5	6.9	< 5										
12/5/2001	< 5	8.6	< 5	< 5	17	< 5										
4/15/2002	< 5	5	< 5	< 5	13	< 5										
10/22/2002	< 5	< 5	9.5	6.3	15	< 5	< 5					< 5	< 5	34		
2/13/2003	< 5	< 5	< 5	< 5	5.5	< 5	< 5					< 5	< 5	38		
8/18/2003	< 5	< 5	< 5	< 5	< 5	< 5	< 5					< 5	< 5	26		
5/11/2004	< 5	< 5	< 5	< 5	< 5	< 5	< 5					< 5	< 5	17		
9/30/2004	< 5	< 5	< 5	< 5	< 5	< 5	< 5					< 5	< 5	< 5		
2/23/2005	< 5	< 5	< 5	< 5	< 5	< 5	< 5					< 5	< 5	< 5		
9/27/2005	< 5	< 5	< 5	< 5	6.6	< 5	< 5					< 5	< 5	< 5		
3/7/2006	< 5	< 5	< 5	< 5	16	< 5	< 5					< 5	< 5	< 5		
10/19/2006	< 5	< 5	< 5	< 5	< 5	< 5	< 5					< 5	< 5	< 5		
10/3/2007	< 5	< 5	< 5	< 5	< 5	< 5	< 5					< 5	< 5	< 5		
1/30/2008	< 5	< 5	< 5	< 5	< 5	< 5	< 5					< 5	< 5	< 5		
9/17/2008	< 5	< 5	< 5	< 5	7.3	< 5	12					< 5	< 5	NS	NS	
1/29/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 5					< 5	< 5	< 5	< 5	
6/23/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 5					< 5	< 5	< 5	< 5	
3/3-4/2010	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5/< 5					< 5	< 5	< 5	< 5	
4/30/2010												< 5			7.6	
9/14-15/2010	< 5	< 5	< 5	160	< 5	< 5/< 5	< 5					< 5	< 5	< 5	< 5	15
3/9-10/2011	< 5	7.8	< 5	< 5/< 5	< 5	< 5	< 5					< 5	< 5	< 5	< 5	30
9/6-7/2011	< 5	< 5	< 5	22	< 5	< 5/< 5	< 5					< 5	< 5	< 5	< 5/< 5	< 5
3/27-28/2012	< 5	< 5	< 5	< 5	5.1/< 5	< 5	< 5					< 5	< 5	< 5	< 5	dry
7/24-25/2012	< 5	< 5	< 5	17	6.4	< 5/< 5	< 5					< 5	< 5	< 5	< 5	dry
2/13-14/2013	< 5	< 5	< 5	10	9.4	< 5	< 5					< 5	< 5	< 5	< 5	dry
6/11-12/2013	< 5	< 5	< 5	< 5	5.6	< 5	< 5					< 5	< 5	< 5	< 5	NS

Notes: 1) Tetrachloroethene (ug/l) Type 4 RRS RAGS Equation 1 (40 ppb)

2) Bolded concentrations exceed Type 3 RRS

3) NS - Not Sampled

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
HSI# 10245

TABLE 3(p)
Historic Groundwater Analytical Testing Data Summary Table - Toluene

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1	
DATE	LABORATORY RESULTS (ug/L)															
12/12/1996	< 5	< 5	52	110												
8/25/1998	< 5	< 5	49	45												
11/18/1998	NA	NA	NA	NA												
11/10/1999	< 5	< 5	50	230	< 5	< 5										
8/15/2000	< 5	< 5	64	34	< 5	< 5										
1/9/2001	< 5	< 5	< 5	9.2	< 5	< 5										
6/13/2001	< 5	< 5	< 5	< 5	< 5	< 5										
12/5/2001	< 5	< 5	32	14	< 5	< 5										
4/15/2002	< 5	< 5	< 5	22	< 5	< 5										
10/22/2002	< 5	< 5	9.3	< 5	< 5	< 5	130	< 5				< 5	< 5	150		
2/13/2003	< 5	< 5	< 5	10	< 5	< 5	18	< 5				< 5	23	170		
8/18/2003	< 5	< 5	7.6	< 5	< 5	< 5	< 5	< 5				< 5	11	100		
5/11/2004	< 5	< 5	< 5	7.5	< 5	< 5	< 5	< 5				< 5	< 5	94		
9/30/2004	< 5	< 5	< 5	15	< 5	< 5	< 5	< 5				< 5	7.8	94		
2/23/2005	< 5	< 5	< 5	8.2	< 5	< 5	< 5	< 5				< 5	< 5	20		
9/27/2005	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				1,500	< 5	7		
3/7/2006	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	19		
10/19/2006	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5		
10/3/2007	< 5	< 5	< 5	10	< 5	< 5	< 5	< 5				< 5	< 5	< 5		
1/30/2008	< 5	< 5	< 5	6.6	< 5	< 5	< 5	< 5				< 5	< 5	< 5		
9/17/2008	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	NS	NS		
1/29/2009	< 5	< 5	< 5	< 5	< 5	< 5	15	< 5	< 5			< 5	< 5	< 5		
6/23/2009	< 5	< 5	< 5	< 5	< 5	< 5	35	< 5	< 5			< 5	< 5	< 5		
3/3-4/2010	< 5	< 5	< 5	< 5	< 5/< 5	< 5	160/180	< 5	< 5			< 5	< 5	< 5		
4/30/2010												< 5			< 5	
9/14-15/2010	< 5	< 5	< 5	< 5	< 5	< 5/< 5	66	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 250
3/9-10/2011	< 5	< 5	< 5	< 5/< 5	< 5	< 5	99	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	48
9/6-7/2011	< 5	< 5	< 5	< 5	< 5	< 5/< 5	140	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	14
3/27-28/2012	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	dry
7/24-25/2012	< 5	< 5	< 5	< 5	< 5	< 5/< 5	91	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	dry
2/13-14/2013	< 5	< 5	< 5	< 5	< 5	< 5	14	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	dry
6/11-12/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS

Notes: 1) Toluene (ug/l) Type 3 RRS (1,000 ppb)
 2) Bolded concentrations exceed Type 3 RRS
 3) NS - Not Sampled

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
HSI# 10245

TABLE 3(q)
Historic Groundwater Analytical Testing Data Summary Table - Trichloroethene

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1	
DATE	LABORATORY RESULTS (ug/L)															
12/12/1996	< 5	< 5	< 5	< 5												
8/25/1998	< 5	< 5	10	18												
11/18/1998	NA	NA	NA	NA												
11/10/1999	< 5	< 5	< 5	< 5	6.1	< 5										
8/15/2000	< 5	< 5	< 5	< 5	< 5	< 5										
1/9/2001	< 5	< 5	< 5	< 5	< 5	< 5										
6/13/2001	< 5	< 5	< 5	12	< 5	< 5										
12/5/2001	< 5	< 5	5.2	20	9.5	< 5										
4/15/2002	< 5	< 5	< 5	< 5	7.1	< 5										
10/22/2002	< 5	< 5	69	16	7.6	< 5	110	< 5				< 5	< 5	40		
2/13/2003	< 5	< 5	< 5	14	< 5	< 5	77	< 5				< 5	12	49		
8/18/2003	< 5	< 5	7.9	< 5	< 5	< 5	10	< 5				< 5	< 5	23		
5/11/2004	< 5	< 5	< 5	< 5	< 5	< 5	51	< 5				< 5	< 5	16		
9/30/2004	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	5.1	< 5		
2/23/2005	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	12	< 5		
9/27/2005	< 5	< 5	< 5	< 5	< 5	< 5	5.9	< 5				< 5	< 5	< 5		
3/7/2006	< 5	< 5	< 5	< 5	< 5	< 5	6.9	< 5				< 5	< 5	< 5		
10/19/2006	< 5	< 5	< 5	37	9.2	< 5	18	< 5				< 5	< 5	< 5		
10/3/2007	< 5	< 5	< 5	< 5	< 5	< 5	9.6	< 5				< 5	< 5	< 5		
1/30/2008	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5		
9/17/2008	< 5	< 5	< 5	< 5	< 5	< 5	14	< 5	< 5			< 5	< 5	< 5		
1/29/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5			< 5	< 5	< 5		
6/23/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5		
3/3-4/2010	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5/< 5	< 5	< 5			< 5	< 5	< 5		
4/30/2010												< 5			5.6	
9/14-15/2010	< 5	< 5	< 5	110	< 5	< 5/< 5	< 5	< 5	< 5	< 5/< 5		< 5	< 5	< 5	14	
3/9-10/2011	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	48	
9/6-7/2011	< 5	< 5	< 5	66	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	5.1
3/27-28/2012	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	dry	
7/24-25/2012	< 5	< 5	< 5	32	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	dry
2/13-14/2013	< 5	< 5	< 5	30	5.2	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	14	< 5	dry
6/11-12/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	8.6	< 5	NS	

Notes: 1) Trichloroethene (ug/l) Type 4 RRS RAGS Equation 1 (40 ppb)

2) Bolded concentrations exceed Type 4 RRS

3) NS - Not Sampled

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
HSI# 10245

TABLE 3(r)
Historic Groundwater Analytical Testing Data Summary Table - Vinyl Chloride

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1
DATE	LABORATORY RESULTS (ug/L)														
12/12/1996	< 2	< 2	430	790											
8/25/1998	< 2	< 2	160	260											
11/18/1998	NA	NA	NA	NA											
11/10/1999	< 5	< 5	220	100	< 5	8.7									
8/15/2000	< 5	< 5	320	140	< 5	22									
1/9/2001	< 5	< 5	< 5	180	< 5	< 5									
6/13/2001	< 5	< 5	< 5	68	4.9	< 5									
12/5/2001	< 2	< 2	320	320	< 2	14									
4/15/2002	< 2	< 2	2.8	560	5	25									
10/22/2002	< 2	< 2	66	260	8.6	35	180	< 2				< 2	< 2	140	
2/13/2003	< 2	< 2	4.3	440	2.4	< 2	77	< 2				6.7	6.1	780	
8/18/2003	< 2	< 2	43	13	< 2	< 2	52	< 2				3.7	< 2	200	
5/11/2004	< 2	< 2	22	50	< 2	25	130	< 2				< 2	2.7	140	
9/30/2004	< 2	< 2	< 2	18	< 2	5.9	3.7	< 2				< 2	76	140	
2/23/2005	< 2	< 2	< 2	69	< 2	17	14	< 2				< 2	6.1	39	
9/27/2005	< 2	< 2	13	92	< 2	< 2	51	< 2				< 2	< 2	13	
3/7/2006	< 2	< 2	< 2	7	< 2	8.3	34	< 2				< 2	3.7	46	
10/19/2006	< 2	< 2	220	200	< 2	33	1,400	< 2				< 2	< 2	24	
10/3/2007	< 2	< 2	30	490	< 2	< 2	490	< 2				< 2	< 2	30	
1/30/2008	< 2	< 2	< 2	290	< 2	16	150	< 2	< 2	9.8		< 2	< 2	< 2	
9/17/2008	< 2	< 2	< 2	< 2	< 2	< 2	340	< 2	< 2	8.8		< 2	NS	NS	
1/29/2009	< 2	< 2	< 2	< 2	< 2	< 2	20	< 2	< 2	5.2		< 2	< 2	< 2	
6/23/2009	< 2	< 2	< 2	< 2	< 2	< 2	120	< 2	< 2	11.2		< 2	< 2	9.3	
3/3-4/2010	< 2	< 2	< 2	4.3	< 2/< 2	< 2	250/230	< 2	< 2	11		< 2	< 2	2.8	
4/30/2010											< 2			43	
9/14-15/2010	< 2	< 2	< 2	55	< 2	2.8/2.9	830	< 2	< 2	17/17	< 2	< 2	< 2	8.1	320
3/9-10/2011	< 2	< 2	< 2	50/62	< 2	< 2	550	< 2	< 2	9.2	< 2	< 2	< 2	24	780
9/6-7/2011	< 2	< 2	25	230	< 2	< 2/< 2	460	< 2	< 2	18	51	< 2	< 2	15/14	370
3/27-28/2012	< 2	< 2	< 2	330	< 2/< 2	< 2	6.1	< 2	< 2	4.6/4.3	< 2	< 2	< 2	34	dry
7/24-25/2012	< 2	< 2	15	160	< 2	6.2/5.5	430	< 2	< 2	8.9	< 2	< 2	< 2	22/22	dry
2/13-14/2013	< 2	< 2	< 2	33	< 5	< 5	130	< 5	< 5	< 5	4.8	< 5	37	16	dry
6/11-12/2013	< 2	< 2	< 2	< 2	< 2	< 2	12	< 2	< 2	< 2	4.4	< 2	< 2	< 2	NS

Notes: 1) Vinyl Chloride (ug/l) Type 3 RRS (2.0 ppb)

2) Bolded concentrations exceed Type 3 RRS

3) NS - Not Sampled

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
HSI# 10245

TABLE 3(s)
Historic Groundwater Analytical Testing Data Summary Table - Xylenes (Total)

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1	
DATE	LABORATORY RESULTS (ug/L)															
12/12/1996	< 15	< 15	38	31	< 15	< 15										
8/25/1998	< 15	< 15	19	29	< 15	< 15										
11/18/1998	NA	NA	NA	NA	NA	NA										
11/10/1999	< 15	< 15	28	120	< 15	< 15										
8/15/2000	< 15	< 15	27	48	< 15	< 15										
1/9/2001	< 15	< 15	< 15	8.7	< 15	< 15										
6/13/2001	< 15	< 15	< 15	9.2	< 15	< 15										
12/5/2001	< 15	< 15	< 15	13.1	< 15	< 15										
4/15/2002	< 15	< 15	14.8	27	< 15	< 15										
10/22/2002	< 15	< 15	< 15	< 15	< 15	< 15	< 15					< 15	< 15	100		
2/13/2003	< 15	< 15	27	< 15	< 15	< 15	< 15					< 15	16.4	103		
8/18/2003	< 15	< 15	< 15	< 15	< 15	< 15	< 15					< 15	5.2	63		
5/11/2004	< 15	< 15	< 15	< 15	< 15	< 15	< 15					< 15	< 15	47		
9/30/2004	< 15	< 15	< 15	< 15	< 15	< 15	< 15					< 15	6.6	< 15		
2/23/2005	< 15	< 15	< 15	< 15	< 15	< 15	< 15					< 15	< 15	< 15		
9/27/2005	< 15	< 15	< 15	< 15	< 15	< 15	< 15					< 15	< 15	< 15		
3/7/2006	< 15	< 15	< 15	< 15	< 15	< 15	< 15					< 15	< 15	5.1		
10/19/2006	< 15	< 15	79	19.4	< 15	< 15	< 15					< 15	< 15	< 15		
10/3/2007	< 15	< 15	< 15	19.5	< 15	< 15	< 15					< 15	< 15	5.4		
1/30/2008	< 15	< 15	< 15	< 15	< 15	< 15	< 15					< 15	< 15	< 15		
9/17/2008	< 15	< 15	< 15	< 15	< 15	< 15	< 15					< 15	< 15	NS	NS	
1/29/2009	< 15	< 15	< 15	< 15	< 15	< 15	7	< 15	< 15	< 15	< 15	< 15	< 15	< 15	< 15	
6/23/2009	< 15	< 15	< 15	< 15	< 15	< 15	28	< 15	< 15	< 15	< 15	< 15	< 15	< 15	< 15	
3/3-4/2010	< 15	< 15	< 15	< 15	< 15/< 15	< 15	117/144	< 15	< 15	< 15	< 15	< 15	< 15	< 15	< 15	
4/30/2010												< 15			6.1	
9/14-15/2010	< 15	< 15	< 15	< 15	< 15	< 15/< 15	52	< 15	< 15	< 15/< 15	< 15	< 15	< 15	< 15	< 15	320
3/9-10/2011	< 10	< 10	< 10	< 10/< 10	< 10	< 10	73	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	400
9/6-7/2011	< 10	< 10	< 10	< 10	< 10	< 10	87	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10/< 10
3/27-28/2012	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	dry
7/24-25/2012	< 5	< 5	< 5	< 5	< 5	< 5/< 5	83	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	dry
2/13-14/2013	< 5	< 5	< 5	< 5	< 5	< 5	16	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	dry
6/11-12/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS

Notes: 1) Xylenes (Total) (ug/l) Type 4 RRS RAGS Equation 2 (204,000 ppb)

2) NS - Not Sampled

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
HSI# 10245

TABLE 3(t)
Historic Groundwater Analytical Testing Data Summary Table - Total VOCs

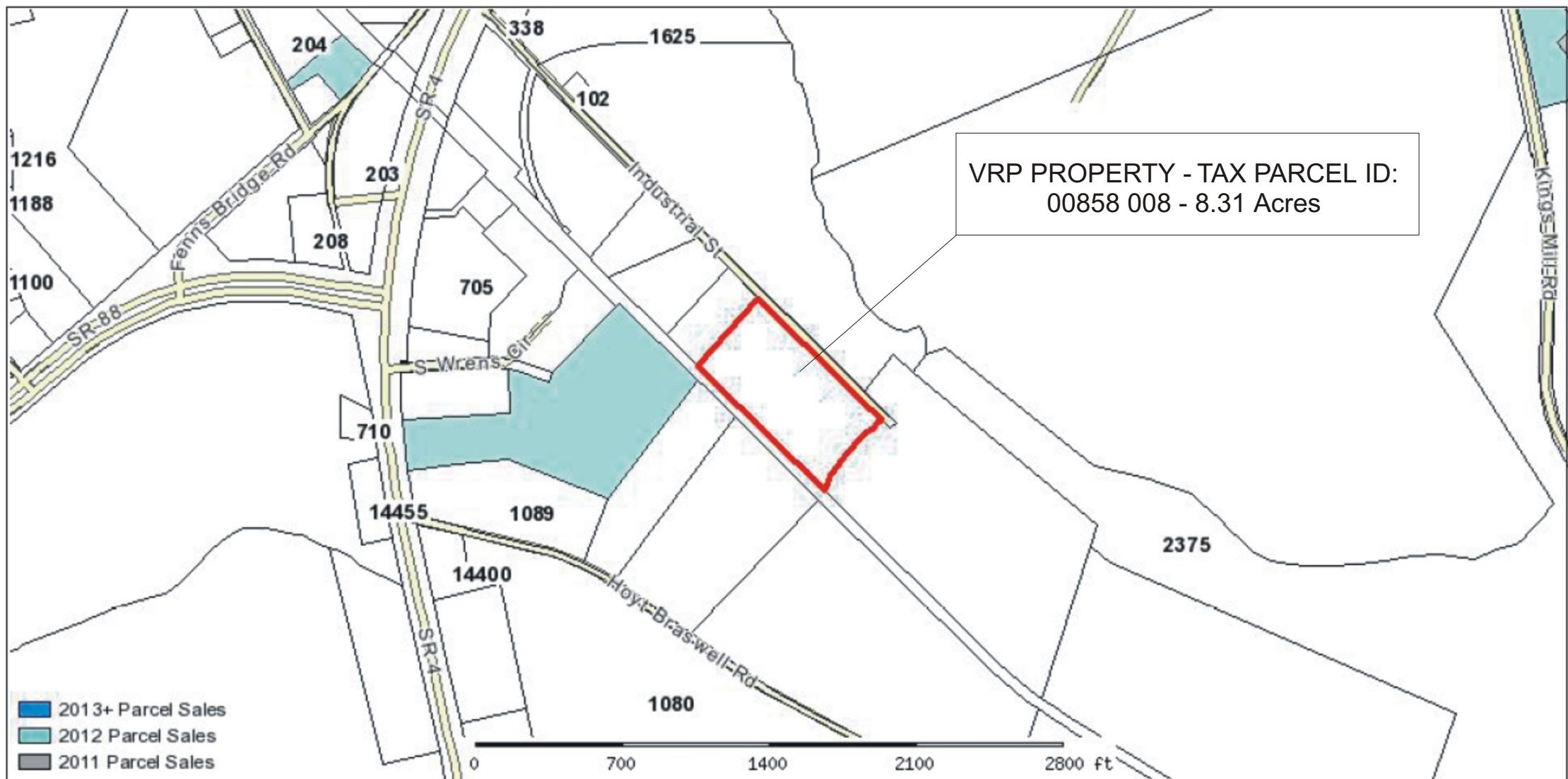
MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1	
DATE	LABORATORY RESULTS (ug/L)															
12/12/1996	< 10	< 10	674	1,609	NA	NA										
8/25/1998	< 10	< 10	292	1,312	NA	NA										
11/18/1998	NA	NA	NA	NA	NA	NA										
11/10/1999	< 10	< 10	409.8	1,528	20.8	19.4										
8/15/2000	< 10	< 10	627	558	< 10	28.6										
1/9/2001	< 10	< 10	54.4	1,179.90	< 10	< 10										
6/13/2001	< 10	< 10	< 10	543.1	52.7	< 10										
12/5/2001	< 10	8.6	1,192	2,105.10	118.5	14										
4/15/2002	< 10	5	8.3	2,276	118.1	30.4										
10/22/2002	< 10	5	926.8	1,588.60	124.2	50.2	2,923	< 10				< 10	861	9,500.30		
2/13/2003	< 10	< 10	19.5	1,695	25.5	< 10	1,411.20	< 10				101.3	159.1	26,113.70		
8/18/2003	< 10	< 10	214.5	84	< 10	< 10	290	< 10				3.7	103.2	12,161.10		
5/11/2004	< 10	< 10	64.6	336.2	< 10	70.7	1,445	< 10				< 10	2.7	8,834		
9/30/2004	< 10	< 10	< 10	329	< 10	11.8	370	< 10				6.1	228.3	7,254		
2/23/2005	< 10	< 10	< 10	307.5	< 10	35.1	32.9	< 10				< 10	61.2	301		
9/27/2005	< 10	< 10	37.1	293	6.6	< 10	229.9	< 10				< 10	< 10	467		
3/7/2006	< 10	< 10	< 10	28.8	16	27	226.1	< 10				< 10	68.6	1,617.40		
10/19/2006	< 10	< 10	548.9	767.9	36.1	79	3,107	< 10				< 10	6.6	1,009.80		
10/3/2007	< 10	< 10	116.8	892.5	< 10	< 10	1,088.60	< 10				< 10	13	306.4		
1/30/2008	< 10	< 10	< 10	472.6	< 10	45.3	490.5	< 10	19	20.8		< 10	20	170		
9/17/2008	< 10	< 10	< 10	24.3	7.3	< 10	1,106	< 10	< 10	16.5		< 10	NS	NS		
1/29/2009	< 10	< 10	< 10	< 10	< 10	< 10	272	< 10	< 10	51.1		< 10	< 10	< 10	< 10	
6/23/2009	< 10	< 10	7.3	< 10	< 10	< 10	552.9	< 10	33	108		< 10	< 10	103.3		
3/3-4/2010	< 10	< 10	< 10	4.3	< 10	< 10	1,439.40	< 10	< 10	94		< 10	< 10	29.9		
9/14-15/2010	< 10	< 10	< 10	418.4	< 10	2.8/2.9	2,992.80	< 10	26	80/82	42.4	< 10	< 10	78.6	7,741.60	
3/9-10/2011	< 5	7.8	< 5	64/80	< 5	< 5	2,972.20	< 5	< 5	32.2	18	< 5	< 5	161	6,364.80	
9/6-7/2011	< 5	< 5	100	495	< 5	< 5	2,102.80	< 5	< 5	75.5	236.2	< 5	< 5	69.3	2,132.40	
3/27-28/2012	< 5	< 5	16.5	413	5.1/< 5	< 5	213.10	< 5	< 5	26.7/24.8	35	< 5	< 5	271.8	dry	
7/24-25/2012	< 5	< 5	98	270.9	12.3	12.6/11.7	2,643.90	< 5	< 5	46.6	60	< 5	< 5	175/174	dry	
2/13-14/2013	< 5	< 5	< 5	129.3	14.6	< 5	855.8	< 5	< 5	< 5	4.8	< 5	56.2	216.7	dry	
6/11-12/2013	< 5	< 5	< 5	< 5	5.6	< 5	236.9	< 5	< 5	4.4	< 5	107	< 5	NS		

Notes: 1) NS - Not Sampled



APPENDIX A

PROPERTY WARRANTY DEED AND TAX PLAT



THGC			
Parcel: 0085 008 Acres: 8.31			
Name:	THGC WRENS LLC	Land Value	\$41,550.00
Site:	0 INDUSTRIAL BLVD	Building Value	\$8,346.00
Sale:	\$0 on 12-2000 Reason=NM Qual=U	Misc Value	\$0.00
Mail:	C/O HARTZ MOUNTAIN INDUSTRIES 400 PLAZA DR P O BOX 1515 SECAUCUS, NJ 70961515	Total Value:	\$49,896.00

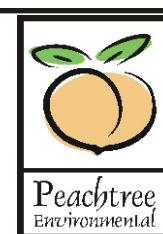


The Jefferson County Assessor's Office makes every effort to produce the most accurate information possible. No warranties, expressed or implied, are provided for the data herein, its use or interpretation. The assessment information is from the last certified taxroll. All data is subject to change before the next certified taxroll. PLEASE NOTE THAT THE PROPERTY APPRAISER MAPS ARE FOR ASSESSMENT PURPOSES ONLY NEITHER JEFFERSON COUNTY NOR ITS EMPLOYEES ASSUME RESPONSIBILITY FOR ERRORS OR OMISSIONS ---THIS IS NOT A SURVEY---

Date printed: 08/26/13 : 11:47:02

LEGEND:

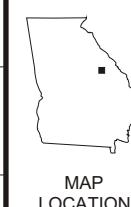
— PROPERTY BOUNDARY



FORMER OIL PROCESSING CORPORATION PROPERTY
WRENS, JEFFERSON COUNTY, GEORGIA

APPENDIX A - VRP PROPERTY TAX PLAT

VOLUNTARY REMEDIATION PROGRAM



MAP
LOCATION

This document was prepared by
and should be returned to:
John R. Murphy III
Abbot, Murphy and Harvey, P.C.
Post Office Box 31
Louisville, Georgia 30434

JEFFERSON COUNTY, GEORGIA
Real Estate Transfer Tax
Paid \$ 0
Date 12-28-00
S. J. Dodwells
Deputy Clerk of Superior Court

GEORGIA JEFFERSON COUNTY
OFFICE OF CLERK OF SUPERIOR COURT
FILED FOR RECORD 12-28-00
3:50 PM
AT 12 O'CLOCK PM
RECORDED 12-29-00
Deed Book 782 Page 326-32
S. J. Dodwells DEPUTY CLERK

WARRANTY DEED

STATE OF GEORGIA

COUNTY OF JEFFERSON

THIS INDENTURE, made this 21st day of December, 2000, by and between HARTZ MOUNTAIN CORPORATION, a corporation organized and existing under the laws of the State of Delaware, of the First Part (hereinafter called "Grantor"); and THCG WRENS, L. L. C., a Georgia Limited Liability Company, of the Second Part (hereinafter called "Grantee");

WITNESSETH:

That Grantor, for and in consideration of the sum of TEN (\$10.00) DOLLARS AND OTHER VALUABLE CONSIDERATIONS, in hand paid, at and before the sealing and delivery of these presents, the receipt of which is hereby acknowledged, has granted, bargained, sold and conveyed, and by these presents does grant, bargain, sell and convey unto Grantee, and the successors and assigns of Grantee, the following described property:

All that tract or parcel of land, together with all improvements located thereon, lying and being in the 81st GMD, Jefferson County, Georgia, containing 8.31 acres, and being as appears on plat of survey by T. Larry Rachels, Surveyor, dated April 27, 1996, updated December 14, 2000, and recorded in Deed Book 2, Page 209, Jefferson County Records. Said property fronts to the Northeast on Industrial Street, and is bounded now or formerly as follows: On the Southeast by property of Hartz Mountain Corporation; on the Southwest by property of Norfolk Southern Railway; on the Northwest by Lamb Brothers Lumber Company; and on the Northeast by Industrial Street. Reference is made to said recorded plat for a fuller and more particular description.

The above-described property is the same as that described in Warranty Deed from Gus Dettelbach to Hartz Mountain Corporation dated January 25, 1977, and recorded in Deed Book 113, Page 219, Jefferson County Records.

TO HAVE AND TO HOLD the said tract or parcel of land, with all and singular the rights, members and appurtenances thereof, to the same being, belonging, or in anywise appertaining, to the only proper use, benefit and behoof of Grantee, and the successors and assigns of Grantee, forever, in Fee Simple.

AND GRANTOR, individually and for the successors and assigns of Grantor, will warrant and forever defend the right and title to the above-described property, unto Grantee, and the heirs and assigns of Grantee, against the claims of all persons whomsoever.

IN WITNESS WHEREOF, Grantor has hereunto caused these presents to be executed the day and year first above written.

HARTZ MOUNTAIN CORPORATION

By: Frank E. Roscitt
As its Frank E. Roscitt
Vice President

Attest: Irwin A. Horowitz
As its Irwin A. Horowitz
Assistant Secretary

Signed, sealed and delivered
in the presence of:

Richard J. Milder
Unofficial Witness

Mary E. Fause
Notary Public, State of _____
My Commission Expires: _____

[CORPORATE SEAL]

(NOTARIAL SEAL)

MARY E. FAUSE
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Jan 5, 2005

This document was prepared by
and should be returned to
John R. Murphy III
Abbot, Murphy and Harvey, P.C.
Post Office Box 31
Louisville, Georgia 30434

JEFFERSON COUNTY, GEORGIA
Real Estate Transfer Tax
Paid \$ 0
Date 12-28-00
Gaye Drodres
Deputy Clerk of Superior Court

GEORGIA JEFFERSON COUNTY
OFFICE OF CLERK OF SUPERIOR COURT
FILED FOR RECORD 12-28-00
3:50 OCLOCK PM
RECORDED 12-29-00
Died Book 382 Page 378-379
Gaye Drodres DEPUTY CLERK

Quitclaim Deed

STATE OF GEORGIA

COUNTY OF JEFFERSON

THIS INDENTURE, made this 21st day of December, 2000 by and between THE HARTZ MOUNTAIN CORPORATION, a corporation organized and existing under the laws of the State of New Jersey, of the First Part (hereinafter called "Grantor"); and THCG WRENS, L.L.C., a Georgia Limited Liability Company, of the Second Part (hereinafter called "Grantee");

W I T N E S S E T H

That Grantor, for an in consideration of the sum of TEN (\$10.00) DOLLARS AND OTHER VALUABLE CONSIDERATIONS, in hand paid, at and before the sealing and delivery of these presents, the receipt of which is hereby acknowledged, has granted, bargained, sold and conveyed, and by these presents does grant, bargain, sell, remise, release, and forever quit-claim unto Grantee all the right, title interest, claim or demand which the Grantor has or may have had in and to the following described real property, to wit:

All that tract or parcel of land, together with all improvements located thereon, lying and being in the 81st GMD, Jefferson County, Georgia, containing 8.31 acres, and being as appears on plat of survey by T. Larry Rachels, Surveyor, dated April 27, 1996, updated December 14, 2000, and recorded in Deed Book 2, Page 209, Jefferson County Records. Said property fronts to the Northeast on Industrial Street, and is bounded now or formerly as follows: On the Southeast by property of Hartz Mountain Corporation; on the Southwest by property of Norfolk Southern Railway; on the Northwest by Lamb Brothers Lumber Company; and on the Northeast by Industrial Street.

The above-described property is the same as that described in Warranty Deed from Gus Dettelbach to Hartz Mountain Corporation dated January 25, 1977, and recorded in Deed Book 113, Page 219, Jefferson County Records.

TO HAVE AND TO HOLD the said described premises unto the Grantee, so that neither the said Grantor, nor any other person or persons claiming under Grantor shall at any time claim or demand any right, title or interest to the aforesaid described premises or its appurtenances.

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

THE HARTZ MOUNTAIN CORPORATION

By: Frank E. Roscitt
Frank E. Roscitt, Vice President

Attest: I. A. Horowitz
Irwin A. Horowitz
Assistant Secretary

[CORPORATE SEAL]

Signed, sealed and delivered
In the presence of

Unofficial Witness

Richard J. Miller

Mary E. Fause

Notary Public, State of _____
My Commission Expires: _____

(NOTARIAL SEAL)

MARY E. FAUSE
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Jan 5, 2006



APPENDIX B

FEBRUARY 2013 SVE SYSTEM AIR SAMPLING ANALYTICAL TESTING RESULTS

February 21, 2013

Chuck Hill
Dobbs Environmental
PO Box 3020
Covington GA 30015

TEL: (770) 786-2338
FAX: (770) 786-2397

RE: THGC-Wrens LLC

Dear Chuck Hill:

Order No: 1302B63

Analytical Environmental Services, Inc. received 4 samples on 2/14/2013 3:16:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES' certifications are as follows:

-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/12-06/30/13.

-AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/13.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.



Dorothy deBruyn
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3705 Presidential Pkwy, Atlanta, GA 30340-3704
Tel.: (770) 457-8177 (800) 972-4889

CHAIN OF CUSTODY FORM FOR AIR SAMPLE ANALYSIS

Client Name: Dobbs Environmental Contact: C.S.H. '11
Address: PO BOX 3010 Phone: (312) 786-2733
Concord, GA 30015 Fax: (212) 786-2733

Project Name#: THGC Wreys LLC
Samplers Name: ESM711
Sampling Date: 07-14-13

110

Normal (5 days): 3 Days Rush:
Teller Reies At *sample fluros* (*closecera*)

Next Day Rush:

Relinquished By:	<u>B. H. L.</u>	Date/Time:	<u>07-14-13 / 16:56</u>
Received By:		Date/Time:	
Relinquished By:		Date/Time:	
Received By:		Date/Time:	

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE FOLLOWING BUSINESS DAY; IF NOT AT THIS TIME, COPIES WILL PROCEED AS STANDARD DAY.

Delivered Direct to Lab: Shipped:
 Method of Shipment: Courier Lab Recipient: BL Date: 07-14-13 / 16:56

Analytical Results

for

Dobbs Environmental

Date: 21-Feb-13

Workorder: 1302B63
Client Reference: THGC-Wrens LLC

Analyte	Concentration				Limit of Detection (ug)	Qual	Date Analyzed /Analyat	Test Method
	Total (ug)	Front (ug)	Back (ug)	(mg/m3) (ppm)				
Client ID: UPPER SVE PRE CARBON	Lab ID: 001A	Date Sampled: 2/14/2013	Media: Tedlar Bag		Air Vol.(L): 1			
1,1,1-Trichloroethane	<10		<10	<1.8	10	2/18/2013	RUF	EPA18
1,1-Dichloroethene	<10		<10	<2.5	10	2/18/2013	RUF	EPA18
2-Butanone	<10		<10	<3.4	10	2/18/2013	RUF	EPA18
4-Methyl-2-pentanone	<10		<10	<2.4	10	2/18/2013	RUF	EPA18
Acetone	<10		<10	<4.2	10	2/18/2013	RUF	EPA18
Benzene	<10		<10	<3.1	10	2/18/2013	RUF	EPA18
Benzene	<10		<10	<3.1	10	2/18/2013	RUF	EPA18
Carbon tetrachloride	<10		<10	<1.6	10	2/18/2013	RUF	EPA18
Chloroform	<10		<10	<2.0	10	2/18/2013	RUF	EPA18
cis-1,2-Dichloroethylene	<10		<10	<2.5	10	2/18/2013	RUF	EPA18
Diethyl ether	<10		<10	<3.3	10	2/18/2013	RUF	EPA18
Ethylbenzene	<10		<10	<2.3	10	2/18/2013	RUF	EPA18
Ethylbenzene	<10		<10	<2.3	10	2/18/2013	RUF	EPA18
Freon 141B	<10		<10	<2.1	10	2/18/2013	RUF	EPA18
m,p-Xylene	<20		<20	<4.6	20	2/18/2013	RUF	EPA18
m,p-Xylene	<20		<20	<4.6	20	2/18/2013	RUF	EPA18
Methyl tert-butyl ether	<10		<10	<2.8	10	2/18/2013	RUF	EPA18
Methyl tert-butyl ether	<10		<10	<2.8	10	2/18/2013	RUF	EPA18
Methylene chloride	<10		<10	<2.9	10	2/18/2013	RUF	EPA18
n-Heptane	<10		<10	<2.4	10	2/18/2013	RUF	EPA18
n-Hexane	<10		<10	<2.8	10	2/18/2013	RUF	EPA18
Naphthalene	<10		<10	<1.9	10	2/18/2013	RUF	EPA18
Naphthalene	<10		<10	<1.9	10	2/18/2013	RUF	EPA18
o-Xylene	<10		<10	<2.3	10	2/18/2013	RUF	EPA18
o-Xylene	<10		<10	<2.3	10	2/18/2013	RUF	EPA18
Tetrachloroethylene	<10		<10	<1.5	10	2/18/2013	RUF	EPA18
Toluene	<10		<10	<2.7	10	2/18/2013	RUF	EPA18
Toluene	<10		<10	<2.7	10	2/18/2013	RUF	EPA18
trans-1,2-Dichloroethylene	<10		<10	<2.5	10	2/18/2013	RUF	EPA18
Trichloroethylene	<10		<10	<1.9	10	2/18/2013	RUF	EPA18
TRPH (Based on Benzene)	<100		<100	<31	100	2/18/2013	RUF	EPA18
TRPH (Based on Benzene)	<100		<100	<31	100	2/18/2013	RUF	EPA18
Vinyl chloride	<10		<10	<3.9	10	2/18/2013	RUF	EPA18
Client ID: UPPER SVE POST CARBON	Lab ID: 002A	Date Sampled: 2/14/2013	Media: Tedlar Bag		Air Vol.(L): 1			
1,1,1-Trichloroethane	<10		<10	<1.8	10	2/19/2013	RUF	EPA18
1,1-Dichloroethene	<10		<10	<2.5	10	2/19/2013	RUF	EPA18
2-Butanone	<10		<10	<3.4	10	2/19/2013	RUF	EPA18
4-Methyl-2-pentanone	<10		<10	<2.4	10	2/19/2013	RUF	EPA18
Acetone	<10		<10	<4.2	10	2/19/2013	RUF	EPA18
Benzene	<10		<10	<3.1	10	2/19/2013	RUF	EPA18
Benzene	<10		<10	<3.1	10	2/19/2013	RUF	EPA18
Carbon tetrachloride	<10		<10	<1.6	10	2/19/2013	RUF	EPA18

Results are blank corrected where applicable.

Analytical Results

for

Dobbs Environmental

Date: 21-Feb-13

Workorder: 1302B63

Client Reference: THGC-Wrens LLC

Analyte	Concentration				Limit of Detection (ug)	Qual	Date Analyzed /Analyst	Test Method
	Total (ug)	Front (ug)	Back (ug)	(mg/m3)				
Chloroform	<10			<10	<2.0	10	2/19/2013 RUF	EPA18
cis-1,2-Dichloroethene	<10			<10	<2.5	10	2/19/2013 RUF	EPA18
Diethyl ether	<10			<10	<3.3	10	2/19/2013 RUF	EPA18
Ethylbenzene	<10			<10	<2.3	10	2/19/2013 RUF	EPA18
Ethylbenzene	<10			<10	<2.3	10	2/19/2013 RUF	EPA18
Freon 141B	<10			<10	<2.1	10	2/19/2013 RUF	EPA18
m,p-Xylene	<20			<20	<4.6	20	2/19/2013 RUF	EPA18
m,p-Xylene	<20			<20	<4.6	20	2/19/2013 RUF	EPA18
Methyl tert-butyl ether	<10			<10	<2.8	10	2/19/2013 RUF	EPA18
Methyl tert-butyl ether	<10			<10	<2.8	10	2/19/2013 RUF	EPA18
Methylene chloride	<10			<10	<2.9	10	2/19/2013 RUF	EPA18
n-Heptane	<10			<10	<2.4	10	2/19/2013 RUF	EPA18
n-Hexane	<10			<10	<2.8	10	2/19/2013 RUF	EPA18
Naphthalene	<10			<10	<1.9	10	2/19/2013 RUF	EPA18
Naphthalene	<10			<10	<1.9	10	2/19/2013 RUF	EPA18
o-Xylene	<10			<10	<2.3	10	2/19/2013 RUF	EPA18
o-Xylene	<10			<10	<2.3	10	2/19/2013 RUF	EPA18
Tetrachloroethene	<10			<10	<1.5	10	2/19/2013 RUF	EPA18
Toluene	<10			<10	<2.7	10	2/19/2013 RUF	EPA18
Toluene	<10			<10	<2.7	10	2/19/2013 RUF	EPA18
trans-1,2-Dichloroethene	<10			<10	<2.5	10	2/19/2013 RUF	EPA18
Trichloroethene	<10			<10	<1.9	10	2/19/2013 RUF	EPA18
TRPH (Based on Benzene)	<100			<100	<31	100	2/19/2013 RUF	EPA18
TRPH (Based on Benzene)	<100			<100	<31	100	2/19/2013 RUF	EPA18
Vinyl chloride	<10			<10	<3.9	10	2/19/2013 RUF	EPA18
Client ID: LOWER SVE PRE CARBON	Lab ID: 003A	Date Sampled: 2/14/2013	Media: Teflar Bag	Air Vol.(L): 1				
1,1,1-Trichloroethane	<10		<10	<1.8	10	2/19/2013 RUF	EPA18	
1,1-Dichloroethene	<10		<10	<2.5	10	2/19/2013 RUF	EPA18	
2-Butanone	<10		<10	<3.4	10	2/19/2013 RUF	EPA18	
4-Methyl-2-pentanone	<10		<10	<2.4	10	2/19/2013 RUF	EPA18	
Acetone	<10		<10	<4.2	10	2/19/2013 RUF	EPA18	
Benzene	<10		<10	<3.1	10	2/19/2013 RUF	EPA18	
Benzene	<10		<10	<3.1	10	2/19/2013 RUF	EPA18	
Carbon tetrachloride	<10		<10	<1.6	10	2/19/2013 RUF	EPA18	
Chloroform	<10		<10	<2.0	10	2/19/2013 RUF	EPA18	
cis-1,2-Dichloroethene	<10		<10	<2.5	10	2/19/2013 RUF	EPA18	
Diethyl ether	<10		<10	<3.3	10	2/19/2013 RUF	EPA18	
Ethylbenzene	<10		<10	<2.3	10	2/19/2013 RUF	EPA18	
Ethylbenzene	<10		<10	<2.3	10	2/19/2013 RUF	EPA18	
Freon 141B	<10		<10	<2.1	10	2/19/2013 RUF	EPA18	
m,p-Xylene	<20		<20	<4.6	20	2/19/2013 RUF	EPA18	
m,p-Xylene	<20		<20	<4.6	20	2/19/2013 RUF	EPA18	
Methyl tert-butyl ether	<10		<10	<2.8	10	2/19/2013 RUF	EPA18	

Results are blank corrected where applicable.

**Analytical Results
for
Dobbs Environmental**

Date: 21-Feb-13

Workorder: 1302B63
Client Reference: THGC-Wrens LLC

Analyte	Concentration				Limit of Detection (ug)	Qual	Date Analyzed /Analyst	Test Method
	Total (ug)	Front (ug)	Back (ug)	(mg/m3)				
Methyl tert-butyl ether	<10			<10	<2.8	10	2/19/2013 RUF	EPA18
Methylene chloride	<10			<10	<2.9	10	2/19/2013 RUF	EPA18
n-Heptane	<10			<10	<2.4	10	2/19/2013 RUF	EPA18
n-Hexane	<10			<10	<2.8	10	2/19/2013 RUF	EPA18
Naphthalene	<10			<10	<1.9	10	2/19/2013 RUF	EPA18
Naphthalene	<10			<10	<1.9	10	2/19/2013 RUF	EPA18
o-Xylene	<10			<10	<2.3	10	2/19/2013 RUF	EPA18
o-Xylene	<10			<10	<2.3	10	2/19/2013 RUF	EPA18
Tetrachloroethene	<10			<10	<1.5	10	2/19/2013 RUF	EPA18
Toluene	<10			<10	<2.7	10	2/19/2013 RUF	EPA18
Toluene	<10			<10	<2.7	10	2/19/2013 RUF	EPA18
trans-1,2-Dichloroethylene	<10			<10	<2.5	10	2/19/2013 RUF	EPA18
Trichloroethene	<10			<10	<1.9	10	2/19/2013 RUF	EPA18
TRPH (Based on Benzene)	<100			<100	<31	100	2/19/2013 RUF	EPA18
TRPH (Based on Benzene)	<100			<100	<31	100	2/19/2013 RUF	EPA18
Vinyl chloride	<10			<10	<3.9	10	2/19/2013 RUF	EPA18
<hr/>								
Client ID: LOWER SVE POST CARBON	Lab ID: 004A	Date Sampled:	2/14/2013	Media:	Tedlar Bag	Air Vol.(L):	1	
1,1,1-Trichloroethane	<10			<10	<1.8	10	2/19/2013 RUF	EPA18
1,1-Dichloroethene	<10			<10	<2.5	10	2/19/2013 RUF	EPA18
2-Butanone	<10			<10	<3.4	10	2/19/2013 RUF	EPA18
4-Methyl-2-pentanone	<10			<10	<2.4	10	2/19/2013 RUF	EPA18
Acetone	<10			<10	<4.2	10	2/19/2013 RUF	EPA18
Benzene	<10			<10	<3.1	10	2/19/2013 RUF	EPA18
Benzene	<10			<10	<3.1	10	2/19/2013 RUF	EPA18
Carbon tetrachloride	<10			<10	<1.6	10	2/19/2013 RUF	EPA18
Chloroform	<10			<10	<2.0	10	2/19/2013 RUF	EPA18
cis-1,2-Dichloroethene	<10			<10	<2.5	10	2/19/2013 RUF	EPA18
Dibethyl ether	<10			<10	<3.3	10	2/19/2013 RUF	EPA18
Ethylbenzene	<10			<10	<2.3	10	2/19/2013 RUF	EPA18
Ethylbenzene	<10			<10	<2.3	10	2/19/2013 RUF	EPA18
Freon 141B	<10			<10	<2.1	10	2/19/2013 RUF	EPA18
m,p-Xylene	<20			<20	<4.6	20	2/19/2013 RUF	EPA18
m,p-Xylene	<20			<20	<4.6	20	2/19/2013 RUF	EPA18
Methyl tert-butyl ether	<10			<10	<2.8	10	2/19/2013 RUF	EPA18
Methyl tert-butyl ether	<10			<10	<2.8	10	2/19/2013 RUF	EPA18
Methylene chloride	<10			<10	<2.9	10	2/19/2013 RUF	EPA18
n-Heptane	<10			<10	<2.4	10	2/19/2013 RUF	EPA18
n-Hexane	<10			<10	<2.8	10	2/19/2013 RUF	EPA18
Naphthalene	<10			<10	<1.9	10	2/19/2013 RUF	EPA18
Naphthalene	<10			<10	<1.9	10	2/19/2013 RUF	EPA18
o-Xylene	<10			<10	<2.3	10	2/19/2013 RUF	EPA18
o-Xylene	<10			<10	<2.3	10	2/19/2013 RUF	EPA18
Tetrachloroethene	<10			<10	<1.5	10	2/19/2013 RUF	EPA18

Results are blank corrected where applicable.

Analytical Results

for

Dobbs Environmental

Date: 21-Feb-13

Workorder: 1302B63

Client Reference: THGC-Wrens LLC

Analyte	Concentration					Limit of Detection (μ g)	Qual	Date Analyzed /Analyst	Test Method
	Total (μ g)	Front (μ g)	Back (μ g)	(mg/m ³)	(ppm)				
Toluene	<10			<10	<2.7	10		2/19/2013 RUF	EPA18
Toluene	<10			<10	<2.7	10		2/19/2013 RUF	EPA18
trans-1,2-Dichloroethene	<10			<10	<2.5	10		2/19/2013 RUF	EPA18
Trichloroethene	<10			<10	<1.9	10		2/19/2013 RUF	EPA18
TRPH (Based on Benzene)	<100			<100	<31	100		2/19/2013 RUF	EPA18
TRPH (Based on Benzene)	<100			<100	<31	100		2/19/2013 RUF	EPA18
Vinyl chloride	<10			<10	<3.9	10		2/19/2013 RUF	EPA18

(a) Analysis indicates possible breakthrough; back section result is greater than 10 % of the front section result.

General Notes:

<: Less than the indicated limit of detection (LOD).

—: Information not available or not applicable.

Back sections were checked and showed no significant breakthrough.

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Dobbs

Work Order Number 302B63

Checklist completed by R Signature

Date 2/14/13

Carrier name: FedEx UPS Courier Client US Mail Other

Shipping container/coolers in good condition? Yes No Not Present

Custody seals intact on shipping container/coolers? Yes No Not Present

Custody seals intact on sample bottles? PT 2/14/13 Yes No Not Present

Container/Temp Blank temperature in compliance? (40 ± 2)^{*} Yes No

Cooler #1 Albion West Cooler #2 Cooler #3 Cooler #4 Cooler #5 Cooler #6

Chain of custody present? Yes No

Chain of custody signed when relinquished and received? Yes No

Chain of custody agrees with sample labels? Yes No

Samples in proper container/bottle? Yes No

Sample containers intact? Yes No

Sufficient sample volume for indicated test? Yes No

All samples received within holding time? Yes No

Was TAT marked on the COC? Yes No

Proceed with Standard TAT as per project history? Yes No Not Applicable

Water - VOA vials have zero headspace? No VOA vials submitted Yes No

Water - pH acceptable upon receipt? Yes No Not Applicable

Adjusted? Checked by
Sample Condition: Good Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes No

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

Analytical Environmental Services, Inc

Date: 21-Feb-13

Client: Dobbs Environmental
Project: THGC-Wrens LLC
Lab Order: 1302B63

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1302B63-001A	UPPER SVE PRE CARBON	2/14/2013 9:35:00AM	Air	Aromatic Volatiles in Air	02/15/2013	02/18/2013	02/18/2013
1302B63-001A	UPPER SVE PRE CARBON	2/14/2013 9:35:00AM	Air	Chlorinated Volatiles in Air	02/15/2013	02/18/2013	02/18/2013
1302B63-001A	UPPER SVE PRE CARBON	2/14/2013 9:35:00AM	Air	Volatile Hydrocarbons in Air	02/15/2013	02/18/2013	02/18/2013
1302B63-002A	UPPER SVE POST CARBON	2/14/2013 9:45:00AM	Air	Aromatic Volatiles in Air	02/15/2013	02/19/2013	02/19/2013
1302B63-002A	UPPER SVE POST CARBON	2/14/2013 9:45:00AM	Air	Chlorinated Volatiles in Air	02/15/2013	02/19/2013	02/19/2013
1302B63-002A	UPPER SVE POST CARBON	2/14/2013 9:45:00AM	Air	Volatile Hydrocarbons in Air	02/15/2013	02/19/2013	02/19/2013
1302B63-003A	LOWER SVE PRE CARBON	2/14/2013 9:30:00AM	Air	Aromatic Volatiles in Air	02/15/2013	02/19/2013	02/19/2013
1302B63-003A	LOWER SVE PRE CARBON	2/14/2013 9:30:00AM	Air	Chlorinated Volatiles in Air	02/15/2013	02/19/2013	02/19/2013
1302B63-003A	LOWER SVE PRE CARBON	2/14/2013 9:30:00AM	Air	Volatile Hydrocarbons in Air	02/15/2013	02/19/2013	02/19/2013
1302B63-004A	LOWER SVE POST CARBON	2/14/2013 9:40:00AM	Air	Aromatic Volatiles in Air	02/15/2013	02/19/2013	02/19/2013
1302B63-004A	LOWER SVE POST CARBON	2/14/2013 9:40:00AM	Air	Chlorinated Volatiles in Air	02/15/2013	02/19/2013	02/19/2013
1302B63-004A	LOWER SVE POST CARBON	2/14/2013 9:40:00AM	Air	Volatile Hydrocarbons in Air	02/15/2013	02/19/2013	02/19/2013

Analytical Environmental Services, Inc

Date: 21-Feb-13

Client: Dobbs Environmental
 Project Name: THGC-Wrens LLC
 Workorder: 1302B63

ANALYTICAL QC SUMMARY REPORT

BatchID: 172521

Sample ID: MB-172521	Client ID:	Units: ug, Total			Prep Date:	02/15/2013	Run No:	238777			
SampleType: MBLK	TestCode: Chlorinated Volatiles in Air EPA18	BatchID: 172521			Analysis Date:	02/18/2013	Seq No:	4999348			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	10	0	0	0	0	0	0	0	0	0
1,1-Dichloroethene	BRL	10	0	0	0	0	0	0	0	0	0
Carbon tetrachloride	BRL	10	0	0	0	0	0	0	0	0	0
Chloroform	BRL	10	0	0	0	0	0	0	0	0	0
cis-1,2-Dichloroethene	BRL	10	0	0	0	0	0	0	0	0	0
Freon 141B	BRL	10	0	0	0	0	0	0	0	0	0
Methylene chloride	BRL	10	0	0	0	0	0	0	0	0	0
Tetrachloroethene	BRL	10	0	0	0	0	0	0	0	0	0
trans-1,2-Dichloroethene	BRL	10	0	0	0	0	0	0	0	0	0
Trichloroethene	BRL	10	0	0	0	0	0	0	0	0	0
Vinyl chloride	BRL	10	0	0	0	0	0	0	0	0	0

Sample ID: MB-172521	Client ID:	Units: ug, Total			Prep Date:	02/15/2013	Run No:	238778			
SampleType: MBLK	TestCode: Volatile Hydrocarbons in Air EPA18	BatchID: 172521			Analysis Date:	02/18/2013	Seq No:	4999481			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Butanone	BRL	10	0	0	0	0	0	0	0	0	0
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	0
Acetone	BRL	10	0	0	0	0	0	0	0	0	0
Diethyl ether	BRL	10	0	0	0	0	0	0	0	0	0
n-Heptane	BRL	10	0	0	0	0	0	0	0	0	0
n-Hexane	BRL	10	0	0	0	0	0	0	0	0	0

Sample ID: MB-172521	Client ID:	Units: ug, Total			Prep Date:	02/15/2013	Run No:	238779			
SampleType: MBLK	TestCode: Aromatic Volatiles in Air EPA18	BatchID: 172521			Analysis Date:	02/18/2013	Seq No:	4999579			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	BRL	10	0	0	0	0	0	0	0	0	0

Qualifiers: > Greater than Result value
 BRL Below reporting limit
 J Estimated value detected below Reporting Limit
 Rpt Lim Reporting Limit

< Less than Result value
 E Estimated (value above quantification range)
 N Analyte not NELAC certified
 S Spike Recovery outside limits due to matrix

B Analyte detected in the associated method blank
 H Holding times for preparation or analysis exceeded
 R RPD outside limits due to matrix

Analytical Environmental Services, Inc

Date: 21-Feb-13

Client: Dobbs Environmental
 Project Name: THGC-Wrens LLC
 Workorder: 1302B63

ANALYTICAL QC SUMMARY REPORT

BatchID: 172521

Sample ID: MB-172521	Client ID:	Units: ug, Total			Prep Date:	02/15/2013	Run No:	238779			
SampleType: MBLK	TestCode: Aromatic Volatiles in Air EPA18	BatchID: 172521			Analysis Date:	02/18/2013	Seq No:	4999579			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Ethylbenzene	BRL	10	0	0	0	0	0	0	0	0	0
m,p-Xylene	BRL	20	0	0	0	0	0	0	0	0	0
Methyl tert-butyl ether	BRL	10	0	0	0	0	0	0	0	0	0
Naphthalene	BRL	10	0	0	0	0	0	0	0	0	0
o-Xylene	BRL	10	0	0	0	0	0	0	0	0	0
Toluene	BRL	10	0	0	0	0	0	0	0	0	0
TRPH (Based on Benzene)	BRL	100	0	0	0	0	0	0	0	0	0
Sample ID: LCS-172521	Client ID:	Units: ug, Total			Prep Date:	02/15/2013	Run No:	238777			
SampleType: LCS	TestCode: Chlorinated Volatiles in Air EPA18	BatchID: 172521			Analysis Date:	02/18/2013	Seq No:	4999374			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	98.55	10	100	0	98.5	84.6	121	0	0	0	0
Carbon tetrachloride	98.92	10	100	0	98.9	84.6	124	0	0	0	0
Chloroform	100.9	10	100	0	101	82.7	117	0	0	0	0
Methylene chloride	102.0	10	100	0	102	80	116	0	0	0	0
Tetrachloroethene	98.27	10	100	0	98.3	80	118	0	0	0	0
Trichloroethene	98.39	10	100	0	98.4	80	118	0	0	0	0
Sample ID: LCS-172521	Client ID:	Units: ug, Total			Prep Date:	02/15/2013	Run No:	238778			
SampleType: LCS	TestCode: Volatile Hydrocarbons in Air EPA18	BatchID: 172521			Analysis Date:	02/18/2013	Seq No:	4999486			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Butanone	86.14	10	100	0	86.1	78.6	120	0	0	0	0
4-Methyl-2-pentanone	92.02	10	100	0	92	80	120	0	0	0	0
Acetone	76.87	10	100	0	76.9	70	120	0	0	0	0
Diethyl ether	95.14	10	100	0	95.1	80	120	0	0	0	0
n-Heptane	98.56	10	100	0	98.6	80	122	0	0	0	0

Qualifiers: > Greater than Result value < Less than Result value R Analyte detected in the associated method blank
 BRL Below reporting limit E Estimated (value above quantitation range) J Holding times for preparation or analysis exceeded
 J Estimated value detected below Reporting Limit N Analyte not NELAC certified RPD outside limits due to matrix
 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix

Analytical Environmental Services, Inc

Date: 21-Feb-13

Client: Dobbs Environmental
 Project Name: THGC-Wrens LLC
 Workorder: 1302B63

ANALYTICAL QC SUMMARY REPORT

BatchID: 172521

Sample ID:	LCS-172521	Client ID:	TestCode: Volatile Hydrocarbons in Air EPA18			Units:	ug, Total	Prep Date:	02/15/2013	Run No:	238778
SampleType:	LCS					BatchID:	172521	Analysis Date:	02/18/2013	Seq No:	4999486
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
n-Hexane	100.2	10	100	0	100	80	121	0	0	0	0
Sample ID:	LCS-172521	Client ID:	TestCode: Aromatic Volatiles in Air EPA18			Units:	ug, Total	Prep Date:	02/15/2013	Run No:	238779
SampleType:	LCS					BatchID:	172521	Analysis Date:	02/18/2013	Seq No:	4999594
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	97.44	10	100	0	97.4	80	120	0	0	0	0
Ethylbenzene	99.62	10	100	0	99.6	80	116	0	0	0	0
m,p-Xylene	196.0	20	200	0	98	80	120	0	0	0	0
Methyl tert-butyl ether	80.77	10	100	0	80.8	80	120	0	0	0	0
Naphthalene	45.19	10	100	0	45.2	34.6	100	0	0	0	0
o-Xylene	95.52	10	100	0	95.5	80	120	0	0	0	0
Toluene	97.24	10	100	0	97.2	80	120	0	0	0	0
Sample ID:	LCS-172521-2	Client ID:	TestCode: Chlorinated Volatiles in Air EPA18			Units:	ug, Total	Prep Date:	02/15/2013	Run No:	238777
SampleType:	LCS					BatchID:	172521	Analysis Date:	02/18/2013	Seq No:	4999354
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	93.28	10	100	0	93.3	85.1	120	0	0	0	0
cis-1,2-Dichloroethene	91.59	10	100	0	91.6	80	119	0	0	0	0
trans-1,2-Dichloroethene	90.53	10	100	0	90.5	85.7	117	0	0	0	0
Sample ID:	LCS-172521-3	Client ID:	TestCode: Chlorinated Volatiles in Air EPA18			Units:	ug, Total	Prep Date:	02/15/2013	Run No:	238777
SampleType:	LCS					BatchID:	172521	Analysis Date:	02/18/2013	Seq No:	4999350
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Vinyl chloride	25.56	10	25	0	102	61.2	120	0	0	0	0

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	H	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 21-Feb-13

Client: Dobbs Environmental
 Project Name: THGC-Wrens LLC
 Workorder: 1302B63

ANALYTICAL QC SUMMARY REPORT

BatchID: 172521

Sample ID: LCSD-172521	Client ID:	Chlorinated Volatiles in Air EPA18			Units: ug, Total	Prep Date: 02/15/2013	Run No: 238777				
SampleType: LCSD	TestCode:				BatchID: 172521	Analysis Date: 02/18/2013	Seq No: 4999377				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	101.6	10	100	0	102	84.6	121	98.55	3	20	
Carbon tetrachloride	103.3	10	100	0	103	84.6	124	98.92	4.29	20	
Chloroform	99.06	10	100	0	99.1	82.7	117	100.9	1.81	20	
Methylene chloride	103.5	10	100	0	104	80	116	102.0	1.45	20	
Tetrachloroethene	103.2	10	100	0	103	80	118	98.27	4.92	20	
Trichloroethane	103.6	10	100	0	104	80	118	98.39	5.12	20	
Sample ID: LCSD-172521	Client ID:	Volatile Hydrocarbons in Air EPA18			Units: ug, Total	Prep Date: 02/15/2013	Run No: 238778				
SampleType: LCSD	TestCode:				BatchID: 172521	Analysis Date: 02/18/2013	Seq No: 4999488				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Butanone	90.58	10	100	0	90.6	78.6	120	86.14	5.02	20	
4-Methyl-2-pentanone	96.77	10	100	0	96.8	80	120	92.02	5.03	20	
Acetone	79.63	10	100	0	79.6	70	120	76.87	3.53	20	
Diethyl ether	98.82	10	100	0	98.8	80	120	95.14	3.8	20	
n-Heptane	103.2	10	100	0	103	80	122	98.56	4.57	20	
n-Hexane	104.9	10	100	0	105	80	121	100.2	4.65	20	
Sample ID: LCSD-172521	Client ID:	Aromatic Volatiles in Air EPA18			Units: ug, Total	Prep Date: 02/15/2013	Run No: 238779				
SampleType: LCSD	TestCode:				BatchID: 172521	Analysis Date: 02/18/2013	Seq No: 4999596				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	102.1	10	100	0	102	80	120	97.44	4.68	20	
Ethylbenzene	104.8	10	100	0	105	80	116	99.62	5.04	20	
m,p-Xylene	206.4	20	200	0	103	80	120	196.0	5.19	20	
Methyl tert-butyl ether	83.99	10	100	0	84	80	120	80.77	3.91	20	
Naphthalene	47.11	10	100	0	47.1	34.6	100	45.19	4.16	20	
o-Xylene	100.4	10	100	0	100	80	120	95.52	5	20	

Qualifiers: > Greater than Result value < Less than Result value
 BRL Below reporting limit E Estimated (value above quantitation range)
 J Estimated value detected below Reporting Limit N Analyte not NELAC certified
 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix

B Analyte detected in the associated method blank
 H Holding times for preparation or analysis exceeded
 R RPD outside limits due to matrix

Analytical Environmental Services, Inc

Date: 21-Feb-13

Client: Dobbs Environmental
 Project Name: THGC-Wrens LLC
 Workorder: 1302B63

ANALYTICAL QC SUMMARY REPORT

BatchID: 172521

Sample ID:	LCSD-172521	Client ID:	Aromatic Volatiles in Air EPA18			Units:	ug, Total	Prep Date:	02/15/2013	Run No:	238779
Sample Type:	LCSD	Test Code:				Batch ID:	172521	Analysis Date:	02/18/2013	Seq No:	4999596
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Toluene	102.3	10	100	0	102	80	120	97.24	5.12	20	
<hr/>											
Sample ID:	LCSD-172521-2	Client ID:	Chlorinated Volatiles in Air EPA18			Units:	ug, Total	Prep Date:	02/15/2013	Run No:	238777
Sample Type:	LCSD	Test Code:				Batch ID:	172521	Analysis Date:	02/18/2013	Seq No:	4999357
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	99.41	10	100	0	90.4	85.1	120	93.28	3.13	20	
cis-1,2-Dichloroethene	88.77	10	100	0	88.8	80	119	91.59	3.13	20	
trans-1,2-Dichloroethene	88.10	10	100	0	88.1	85.7	117	90.53	2.71	20	
Sample ID:	LCSD-172521-3	Client ID:	Chlorinated Volatiles in Air EPA18			Units:	ug, Total	Prep Date:	02/15/2013	Run No:	238777
Sample Type:	LCSD	Test Code:				Batch ID:	172521	Analysis Date:	02/18/2013	Seq No:	4999352
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Vinyl chloride	25.36	10	25	0	101	61.2	120	25.56	0.797	20	

Qualifiers:	> Greater than Result value	< Less than Result value	B Analyte detected in the associated method blank
	BRL Below reporting limit	E Estimated (value above quantitation range)	H Holding times for preparation or analysis exceeded
	J Estimated value detected below Reporting Limit	N Analyte not NELAC certified	R RPD outside limits due to matrix
	Rpt Lim Reporting Limit	S Spike Recovery outside limits due to matrix	



APPENDIX C

JUNE 2013 GROUNDWATER SAMPLING ANALYTICAL TESTING RESULTS



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

June 17, 2013

Chuck Hill
Dobbs Environmental
PO Box 3020
Covington GA 30015

TEL: (770) 786-2338
FAX: (770) 786-2397

RE: THGC-Wrens LLC

Dear Chuck Hill:

Order No: 1306B62

Analytical Environmental Services, Inc. received 16 samples on 6/12/2013 2:25:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES' certifications are as follows:

- NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/12-06/30/13.
- AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/13.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Dorothy deBruyn
Project Manager

COMPANY:

Dobbs Environmental

ADDRESS:

PO BOX 3020
Canton GA 30115

PHONE:

(770) 986-2338

FAX:

(770) 986-2397

SAMPLED BY:

CSHII

SIGNATURE:

CSHII

#	SAMPLE ID	SAMPLED			ANALYSIS REQUESTED			Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.	No # of Containers
		DATE	TIME	Grab	Composite	Matrix (See codes)			
1	MW-1	06/15/03	1025 X	GW X	GW	X			2
2	MW-2		1140 X	GW X					2
3	MW-5		1225 X	GW X					2
4	MW-9		1325 X	GW X					2
5	MW-8		1440 X	GW X					2
6	MW-6		1505 X	GW X					2
7	MW-10		1545 X	GW X					2
8	DW-1		1630 X	GW X					2
9									
10									
11									
12									
13									
14									
RELINQUISHED BY		DATETIME RECEIVED BY	DATETIME	PROJECT INFORMATION			RECEIPT		
1: <i>CSPHII</i> 06-12-13		2: <i>My Client</i>	3: <i>2-12-15</i>	PROJECT NAME: <i>THC Owners LLC</i>			Total # of Containers	16	
				PROJECT #: <i>THC Owners LLC</i>					
				TURNAROUND TIME REQUEST: Standard 5 Business Days					
				2 Business Day Rush					
				Next Business Day Rush					
				Same Day Rush (Auth req) Other					
				STATE PROGRAM (if any):					
				Email? Y/N: _____ Fax? Y/N: _____					
				DATA PACKAGE: I II III IV					
				QUOTE #: _____ PO#: _____					
SPECIAL INSTRUCTIONS/COMMENTS: OUT / VIA: CLIENT: <i>DN 06-12-13</i> FEDEX UPS MAIL COURIER GREYHOUND OTHER <i>base</i>									
INVOICE TO: (IF DIFFERENT FROM ABOVE) Same Day Rush (Auth req) Other									
STATE PROGRAM (if any): Email? Y/N: _____ Fax? Y/N: _____									
DATA PACKAGE: I II III IV									

Page 2 of 41

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.

SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air

GW = Groundwater

SE = Sediment

SO = Soil

SW = Surface Water

W = Water (Blanks)

DW = Drinking Water (Blanks)

O = Other (Specify) WW = Waste Water

PRESERVATIVE CODES: H-I = Hydrochloric acid + ice

I = Ice only

N = Nitric acid

S+I = Sulfuric acid + ice

S/M+I = Sodium Bisulfate/Methanol + ice

O = Other (Specify)

NA = None

White Copy - Original; Yellow Copy - Client

ANALYTICAL ENVIRONMENTAL SERVICES, INC

CHAIN OF CUSTODY

Work Order: 1306962

AES
3785 Presidential Parkway, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

COMPANY:

*Dobbs Environmental*ADDRESS: PO BOX 3020
Covington GA 30015

PHONE:

(770) 786-2338

FAX:

(770) 786-2397

SAMPLED BY:

C Smith

SIGNATURE:

C Smith

ANALYSIS REQUESTED

Visit our website
www.aesatlanta.comto check on the status of
your results, place bottle
orders, etc.

8260B

Client: Dobbs Environmental
Project: THGC-Wrens LLC
Lab ID: 1306B62

Case Narrative

For Sample 1306B62-011A one vial was labeled "Duplicate" and the other was labeled "MW-3". Samples were matched using the collection date and time.

Analytical Environmental Services, Inc

Date: 17-Jun-13

Client: Dobbs Environmental	Client Sample ID: MW-1
Lab Order: 1306B62	Tag Number:
Project: THGC-Wrens LLC	Collection Date: 6/11/2013 10:25:00 AM
Lab ID: 1306B62-001A	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
1,1,1-Trichloroethane	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK
1,1-Dichloroethane	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK
1,1-Dichloroethene	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK
1,2-Dibromoethane	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK
1,2-Dichloroethane	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK
1,2-Dichloropropane	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK
2-Butanone	BRL	50		ug/L	177426	I	06/13/2013 22:50	GK
2-Hexanone	BRL	10		ug/L	177426	I	06/13/2013 22:50	GK
4-Methyl-2-pentanone	BRL	10		ug/L	177426	I	06/13/2013 22:50	GK
Acetone	BRL	50		ug/L	177426	I	06/13/2013 22:50	GK
Benzene	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK
Bromodichloromethane	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK
Bromoform	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK
Bromomethane	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK
Carbon disulfide	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK
Carbon tetrachloride	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK
Chlorobenzene	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK
Chloroethane	BRL	10		ug/L	177426	I	06/13/2013 22:50	GK
Chloroform	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK
Chloromethane	BRL	10		ug/L	177426	I	06/13/2013 22:50	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK
Cyclohexane	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK
Dibromochloromethane	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK
Dichlorodifluoromethane	BRL	10		ug/L	177426	I	06/13/2013 22:50	GK
Ethylbenzene	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK
Freon-113	BRL	10		ug/L	177426	I	06/13/2013 22:50	GK
Isopropylbenzene	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK
m,p-Xylene	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK
Methyl acetate	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK
Methylene cyclohexane	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK
Methylene chloride	BRL	5.0		ug/L	177426	I	06/13/2013 22:50	GK

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 17-Jun-13

Client: Dobbs Environmental	Client Sample ID: MW-1
Lab Order 1306B62	Tag Number:
Project: THGC-Wrens LLC	Collection Date: 6/11/2013 10:25:00 AM
Lab ID: 1306B62-001A	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
Naphthalene	BRL	5.0		ug/L	177426	1	06/13/2013 22:50	GK
o-Xylene	BRL	5.0		ug/L	177426	1	06/13/2013 22:50	GK
Styrene	BRL	5.0		ug/L	177426	1	06/13/2013 22:50	GK
Tetrachloroethene	BRL	5.0		ug/L	177426	1	06/13/2013 22:50	GK
Toluene	BRL	5.0		ug/L	177426	1	06/13/2013 22:50	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	177426	1	06/13/2013 22:50	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	177426	1	06/13/2013 22:50	GK
Trichloroethene	BRL	5.0		ug/L	177426	1	06/13/2013 22:50	GK
Trichlorofluoromethane	BRL	5.0		ug/L	177426	1	06/13/2013 22:50	GK
Vinyl chloride	BRL	2.0		ug/L	177426	1	06/13/2013 22:50	GK
1,2-Dichloroethene, Total	BRL	5.0		ug/L	177426	1	06/13/2013 22:50	GK
Xylenes, Total	BRL	5.0		ug/L	177426	1	06/13/2013 22:50	GK
Surr: 4-Bromofluorobenzene	92	64.6-123	%REC		177426	1	06/13/2013 22:50	GK
Surr: Dibromofluoromethane	95	76.6-133	%REC		177426	1	06/13/2013 22:50	GK
Surr: Toluene-d8	96.7	77.8-120	%REC		177426	1	06/13/2013 22:50	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 17-Jun-13

Client: Dobbs Environmental	Client Sample ID: MW-2
Lab Order 1306B62	Tag Number:
Project: THGC-Wrens LLC	Collection Date: 6/11/2013 11:40:00 AM
Lab ID: 1306B62-002A	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
1,1,1-Trichloroethane	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
1,1-Dichloroethane	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
1,1-Dichloroethene	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
1,2-Dibromoethane	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
1,2-Dichloroethane	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
1,2-Dichloropropane	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
2-Butanone	BRL	50		ug/L	177426	1	06/13/2013 23:20	GK
2-Hexanone	BRL	10		ug/L	177426	1	06/13/2013 23:20	GK
4-Methyl-2-pentanone	BRL	10		ug/L	177426	1	06/13/2013 23:20	GK
Acetone	BRL	50		ug/L	177426	1	06/13/2013 23:20	GK
Benzene	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
Bromodichloromethane	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
Bromoform	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
Bromomethane	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
Carbon disulfide	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
Carbon tetrachloride	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
Chlorobenzene	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
Chloroethane	BRL	10		ug/L	177426	1	06/13/2013 23:20	GK
Chloroform	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
Chloromethane	BRL	10		ug/L	177426	1	06/13/2013 23:20	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
Cyclohexane	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
Dibromochloromethane	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
Dichlorodifluoromethane	BRL	10		ug/L	177426	1	06/13/2013 23:20	GK
Ethylbenzene	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
Freon-113	BRL	10		ug/L	177426	1	06/13/2013 23:20	GK
Isopropylbenzene	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
m,p-Xylene	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
Methyl acetate	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
Methylecyclohexane	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
Methylene chloride	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 17-Jun-13

Client: Dobbs Environmental	Client Sample ID: MW-2
Lab Order 1306B62	Tag Number:
Project: THGC-Wrens LLC	Collection Date: 6/11/2013 11:40:00 AM
Lab ID: 1306B62-002A	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
Naphthalene	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
o-Xylene	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
Styrene	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
Tetrachloroethene	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
Toluene	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
Trichloroethene	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
Trichlorofluoromethane	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
Vinyl chloride	BRL	2.0		ug/L	177426	1	06/13/2013 23:20	GK
1,2-Dichloroethene, Total	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
Xylenes, Total	BRL	5.0		ug/L	177426	1	06/13/2013 23:20	GK
Surr: 4-Bromofluorobenzene	92.4	64.6-123	%REC		177426	1	06/13/2013 23:20	GK
Surr: Dibromofluoromethane	94.4	76.6-133	%REC		177426	1	06/13/2013 23:20	GK
Surr: Toluene-d8	96.7	77.8-120	%REC		177426	1	06/13/2013 23:20	GK

Qualifiers:	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
BRL	Below reporting limit	S Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr See case narrative
N	Analyte not NELAC certified	NC Not confirmed
B	Analyte detected in the associated method blank	< Less than Result value
>	Greater than Result value	J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 17-Jun-13

Client: Dobbs Environmental	Client Sample ID: MW-5
Lab Order: 1306B62	Tag Number:
Project: THGC-Wrens LLC	Collection Date: 6/11/2013 12:25:00 PM
Lab ID: 1306B62-003A	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
1,1,1-Trichloroethane	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
1,1-Dichloroethane	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
1,1-Dichloroethene	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
1,2-Dibromoethane	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
1,2-Dichloroethane	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
1,2-Dichloropropane	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
2-Butanone	BRL	50		ug/L	177426	1	06/13/2013 23:50	GK
2-Hexanone	BRL	10		ug/L	177426	1	06/13/2013 23:50	GK
4-Methyl-2-pentanone	BRL	10		ug/L	177426	1	06/13/2013 23:50	GK
Acetone	BRL	50		ug/L	177426	1	06/13/2013 23:50	GK
Benzene	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
Bromodichloromethane	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
Bromoform	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
Bromomethane	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
Carbon disulfide	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
Carbon tetrachloride	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
Chlorobenzene	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
Chloroethane	BRL	10		ug/L	177426	1	06/13/2013 23:50	GK
Chloroform	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
Chloromethane	BRL	10		ug/L	177426	1	06/13/2013 23:50	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
Cyclohexane	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
Dibromochloromethane	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
Dichlorodifluoromethane	BRL	10		ug/L	177426	1	06/13/2013 23:50	GK
Ethylbenzene	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
Freon-113	BRL	10		ug/L	177426	1	06/13/2013 23:50	GK
Isopropylbenzene	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
m,p-Xylene	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
Methyl acetate	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
Methylcyclohexane	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
Methylene chloride	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See ease narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 17-Jun-13

Client: Dobbs Environmental	Client Sample ID: MW-5
Lab Order 1306B62	Tag Number:
Project: THGC-Wrens LLC	Collection Date: 6/11/2013 12:25:00 PM
Lab ID: 1306B62-003A	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Naphthalene	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
o-Xylene	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
Styrene	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
Tetrachloroethene	5.6	5.0		ug/L	177426	1	06/13/2013 23:50	GK
Toluene	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
Trichloroethene	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
Trichlorofluoromethane	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
Vinyl chloride	BRL	2.0		ug/L	177426	1	06/13/2013 23:50	GK
1,2-Dichloroethene, Total	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
Xylenes, Total	BRL	5.0		ug/L	177426	1	06/13/2013 23:50	GK
Surr: 4-Bromofluorobenzene	92.8	64.6-123	%REC		177426	1	06/13/2013 23:50	GK
Surr: Dibromofluoromethane	93.9	76.6-133	%REC		177426	1	06/13/2013 23:50	GK
Surr: Toluene-d8	97	77.8-120	%REC		177426	1	06/13/2013 23:50	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 17-Jun-13

Client: Dobbs Environmental	Client Sample ID: MW-9
Lab Order: 1306B62	Tag Number:
Project: THGC-Wrens LLC	Collection Date: 6/11/2013 1:55:00 PM
Lab ID: 1306B62-004A	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
1,1,1-Trichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
1,1-Dichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
1,1-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
1,2-Dibromoethane	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
1,2-Dichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
1,2-Dichloropropane	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
2-Butanone	BRL	50		ug/L	177426	1	06/14/2013 00:20	GK
2-Hexanone	BRL	10		ug/L	177426	1	06/14/2013 00:20	GK
4-Methyl-2-pentanone	BRL	10		ug/L	177426	1	06/14/2013 00:20	GK
Acetone	BRL	50		ug/L	177426	1	06/14/2013 00:20	GK
Benzene	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
Bromodichloromethane	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
Bromoform	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
Bromomethane	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
Carbon disulfide	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
Carbon tetrachloride	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
Chlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
Chloroethane	BRL	10		ug/L	177426	1	06/14/2013 00:20	GK
Chloroform	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
Chloromethane	BRL	10		ug/L	177426	1	06/14/2013 00:20	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
Cyclohexane	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
Dibromochloromethane	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
Dichlorodifluoromethane	BRL	10		ug/L	177426	1	06/14/2013 00:20	GK
Ethylbenzene	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
Freon-113	BRL	10		ug/L	177426	1	06/14/2013 00:20	GK
Isopropylbenzene	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
m,p-Xylene	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
Methyl acetate	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
Methylcyclohexane	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
Methylene chloride	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 17-Jun-13

Client: Dobbs Environmental	Client Sample ID: MW-9
Lab Order 1306B62	Tag Number:
Project: THGC-Wrens LLC	Collection Date: 6/11/2013 1:55:00 PM
Lab ID: 1306B62-004A	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
Naphthalene	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
o-Xylene	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
Styrene	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
Tetrachloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
Toluene	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
Trichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
Trichlorofluoromethane	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
Vinyl chloride	BRL	2.0		ug/L	177426	1	06/14/2013 00:20	GK
1,2-Dichloroethene, Total	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
Xylenes, Total	BRL	5.0		ug/L	177426	1	06/14/2013 00:20	GK
Surr: 4-Bromofluorobenzene	89.9	64.6-123	%REC		177426	1	06/14/2013 00:20	GK
Surr: Dibromofluoromethane	96.6	76.6-133	%REC		177426	1	06/14/2013 00:20	GK
Surr: Toluene-d8	97.7	77.8-120	%REC		177426	1	06/14/2013 00:20	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 17-Jun-13

Client: Dobbs Environmental	Client Sample ID: MW-8
Lab Order: 1306B62	Tag Number:
Project: THGC-Wrens LLC	Collection Date: 6/11/2013 2:40:00 PM
Lab ID: 1306B62-005A	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
1,1,1-Trichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
1,1-Dichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
1,1-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
1,2-Dibromoethane	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
1,2-Dichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
1,2-Dichloropropane	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
2-Butanone	BRL	50		ug/L	177426	1	06/14/2013 00:50	GK
2-Hexanone	BRL	10		ug/L	177426	1	06/14/2013 00:50	GK
4-Methyl-2-pentanone	BRL	10		ug/L	177426	1	06/14/2013 00:50	GK
Acetone	BRL	50		ug/L	177426	1	06/14/2013 00:50	GK
Benzene	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
Bromodichloromethane	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
Bromoform	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
Bromomethane	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
Carbon disulfide	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
Carbon tetrachloride	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
Chlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
Chloroethane	BRL	10		ug/L	177426	1	06/14/2013 00:50	GK
Chloroform	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
Chloromethane	BRL	10		ug/L	177426	1	06/14/2013 00:50	GK
cis-1,2-Dichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
Cyclohexane	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
Dibromochloromethane	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
Dichlorodifluoromethane	BRL	10		ug/L	177426	1	06/14/2013 00:50	GK
Ethylbenzene	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
Freon-113	BRL	10		ug/L	177426	1	06/14/2013 00:50	GK
Isopropylbenzene	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
m,p-Xylene	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
Methyl acetate	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
Methylcyclohexane	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
Methylene chloride	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Client: Dobbs Environmental	Client Sample ID: MW-8
Lab Order 1306B62	Tag Number:
Project: THGC-Wrens LLC	Collection Date: 6/11/2013 2:40:00 PM
Lab ID: 1306B62-005A	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
Naphthalene	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
o-Xylene	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
Styrene	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
Tetrachloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
Toluene	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
Trichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
Trichlorofluoromethane	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
Vinyl chloride	BRL	2.0		ug/L	177426	1	06/14/2013 00:50	GK
1,2-Dichloroethene, Total	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
Xylenes, Total	BRL	5.0		ug/L	177426	1	06/14/2013 00:50	GK
Surr: 4-Bromofluorobenzene	89.9	64.6-123	%REC		177426	1	06/14/2013 00:50	GK
Surr: Dibromofluoromethane	96.3	76.6-133	%REC		177426	1	06/14/2013 00:50	GK
Surr: Toluene-d8	94.8	77.8-120	%REC		177426	1	06/14/2013 00:50	GK

Qualifiers:	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
BRL	Below reporting limit	S Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr See case narrative
N	Analyte not NELAC certified	NC Not confirmed
B	Analyte detected in the associated method blank	< Less than Result value
>	Greater than Result value	J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 17-Jun-13

Client: Dobbs Environmental	Client Sample ID: MW-6
Lab Order: 1306B62	Tag Number:
Project: THGC-Wrens LLC	Collection Date: 6/11/2013 3:05:00 PM
Lab ID: 1306B62-006A	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
1,1,1-Trichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
1,1-Dichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
1,1-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
1,2-Dibromoethane	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
1,2-Dichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
1,2-Dichloropropane	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
2-Butanone	BRL	50		ug/L	177426	1	06/14/2013 01:20	GK
2-Hexanone	BRL	10		ug/L	177426	1	06/14/2013 01:20	GK
4-Methyl-2-pentanone	BRL	10		ug/L	177426	1	06/14/2013 01:20	GK
Acetone	BRL	50		ug/L	177426	1	06/14/2013 01:20	GK
Benzene	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
Bromodichloromethane	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
Bromoform	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
Bromomethane	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
Carbon disulfide	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
Carbon tetrachloride	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
Chlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
Chloroethane	BRL	10		ug/L	177426	1	06/14/2013 01:20	GK
Chloroform	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
Chloromethane	BRL	10		ug/L	177426	1	06/14/2013 01:20	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
Cyclohexane	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
Dibromochloromethane	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
Dichlorodifluoromethane	BRL	10		ug/L	177426	1	06/14/2013 01:20	GK
Ethylbenzene	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
Freon-113	BRL	10		ug/L	177426	1	06/14/2013 01:20	GK
Isopropylbenzene	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
m,p-Xylene	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
Methyl acetate	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
Methylcyclohexane	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
Methylene chloride	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 17-Jun-13

Client: Dobbs Environmental	Client Sample ID: MW-6
Lab Order 1306B62	Tag Number:
Project: THGC-Wrens LLC	Collection Date: 6/11/2013 3:05:00 PM
Lab ID: 1306B62-006A	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Naphthalene	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
o-Xylene	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
Styrene	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
Tetrachloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
Toluene	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
Trichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
Trichlorofluoromethane	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
Vinyl chloride	BRL	2.0		ug/L	177426	1	06/14/2013 01:20	GK
1,2-Dichloroethene, Total	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
Xylenes, Total	BRL	5.0		ug/L	177426	1	06/14/2013 01:20	GK
Surr: 4-Bromofluorobenzene	92.5	64.6-123	%REC		177426	1	06/14/2013 01:20	GK
Surr: Dibromofluoromethane	93.7	76.6-133	%REC		177426	1	06/14/2013 01:20	GK
Surr: Toluene-d8	95.6	77.8-120	%REC		177426	1	06/14/2013 01:20	GK

Qualifiers:	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
BRL	Below reporting limit	S Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr See case narrative
N	Analyte not NELAC certified	NC Not confirmed
B	Analyte detected in the associated method blank	< Less than Result value
>	Greater than Result value	J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 17-Jun-13

Client: Dobbs Environmental	Client Sample ID: MW-10
Lab Order: 1306B62	Tag Number:
Project: THGC-Wrens LLC	Collection Date: 6/11/2013 3:45:00 PM
Lab ID: 1306B62-007A	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
1,1,1-Trichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
1,1-Dichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
1,1-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
1,2-Dibromoethane	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
1,2-Dichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
1,2-Dichloropropane	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
2-Butanone	BRL	50		ug/L	177426	1	06/14/2013 01:50	GK
2-Hexanone	BRL	10		ug/L	177426	1	06/14/2013 01:50	GK
4-Methyl-2-pentanone	BRL	10		ug/L	177426	1	06/14/2013 01:50	GK
Acetone	BRL	50		ug/L	177426	1	06/14/2013 01:50	GK
Benzene	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
Bromodichloromethane	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
Bromeform	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
Bromomethane	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
Carbon disulfide	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
Carbon tetrachloride	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
Chlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
Chloroethane	BRL	10		ug/L	177426	1	06/14/2013 01:50	GK
Chloroform	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
Chloromethane	BRL	10		ug/L	177426	1	06/14/2013 01:50	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
Cyclohexane	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
Dibromochloromethane	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
Dichlorodifluoromethane	BRL	10		ug/L	177426	1	06/14/2013 01:50	GK
Ethylbenzene	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
Freon-113	BRL	10		ug/L	177426	1	06/14/2013 01:50	GK
Isopropylbenzene	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
m,p-Xylene	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
Methyl acetate	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
Methylcyclohexane	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
Methylene chloride	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 17-Jun-13

Client: Dobbs Environmental	Client Sample ID: MW-10
Lab Order: 1306B62	Tag Number:
Project: THGC-Wrens LLC	Collection Date: 6/11/2013 3:45:00 PM
Lab ID: 1306B62-007A	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
Naphthalene	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
o-Xylene	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
Styrene	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
Tetrachloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
Toluene	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
Trichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
Trichlorofluoromethane	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
Vinyl chloride	BRL	2.0		ug/L	177426	1	06/14/2013 01:50	GK
1,2-Dichloroethene, Total	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
Xylenes, Total	BRL	5.0		ug/L	177426	1	06/14/2013 01:50	GK
Surr: 4-Bromofluorobenzene	90.7	64.6-123	%REC		177426	1	06/14/2013 01:50	GK
Surr: Dibromofluoromethane	95.4	76.6-133	%REC		177426	1	06/14/2013 01:50	GK
Surr: Toluene-d8	97.5	77.8-120	%REC		177426	1	06/14/2013 01:50	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 17-Jun-13

Client: Dobbs Environmental	Client Sample ID: DW-1
Lab Order 1306B62	Tag Number:
Project: THGC-Wrens LLC	Collection Date: 6/11/2013 4:30:00 PM
Lab ID: 1306B62-008A	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
						(SW5030B)		
1,1,1-Trichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK
1,1-Dichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK
1,1-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK
1,2-Dibromoethane	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK
1,2-Dichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK
1,2-Dichloropropane	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK
2-Butanone	BRL	50		ug/L	177426	1	06/14/2013 02:20	GK
2-Hexanone	BRL	10		ug/L	177426	1	06/14/2013 02:20	GK
4-Methyl-2-pentanone	BRL	10		ug/L	177426	1	06/14/2013 02:20	GK
Acetone	BRL	50		ug/L	177426	1	06/14/2013 02:20	GK
Benzene	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK
Bromodichloromethane	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK
Bromoform	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK
Bromomethane	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK
Carbon disulfide	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK
Carbon tetrachloride	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK
Chlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK
Chloroethane	BRL	10		ug/L	177426	1	06/14/2013 02:20	GK
Chloroform	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK
Chloromethane	BRL	10		ug/L	177426	1	06/14/2013 02:20	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK
Cyclohexane	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK
Dibromochloromethane	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK
Dichlorodifluoromethane	BRL	10		ug/L	177426	1	06/14/2013 02:20	GK
Ethylbenzene	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK
Freon-113	BRL	10		ug/L	177426	1	06/14/2013 02:20	GK
Isopropylbenzene	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK
m,p-Xylene	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK
Methyl acetate	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK
Methylcyclohexane	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK
Methylene chloride	BRL	5.0		ug/L	177426	1	06/14/2013 02:20	GK

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 17-Jun-13

Client: Dobbs Environmental	Client Sample ID: DW-1
Lab Order: 1306B62	Tag Number:
Project: THGC-Wrens LLC	Collection Date: 6/11/2013 4:30:00 PM
Lab ID: 1306B62-008A	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
Naphthalene	BRL	5.0		ug/L	177426	I	06/14/2013 02:20	GK
o-Xylene	BRL	5.0		ug/L	177426	I	06/14/2013 02:20	GK
Styrene	BRL	5.0		ug/L	177426	I	06/14/2013 02:20	GK
Tetrachloroethene	BRL	5.0		ug/L	177426	I	06/14/2013 02:20	GK
Toluene	BRL	5.0		ug/L	177426	I	06/14/2013 02:20	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	177426	I	06/14/2013 02:20	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	177426	I	06/14/2013 02:20	GK
Trichloroethene	BRL	5.0		ug/L	177426	I	06/14/2013 02:20	GK
Trichlorofluoromethane	BRL	5.0		ug/L	177426	I	06/14/2013 02:20	GK
Vinyl chloride	BRL	2.0		ug/L	177426	I	06/14/2013 02:20	GK
1,2-Dichloroethene, Total	BRL	5.0		ug/L	177426	I	06/14/2013 02:20	GK
Xylenes, Total	BRL	5.0		ug/L	177426	I	06/14/2013 02:20	GK
Surr: 4-Bromofluorobenzene	89.7	64.6-123	%REC		177426	I	06/14/2013 02:20	GK
Surr: Dibromofluoromethane	94.8	76.6-133	%REC		177426	I	06/14/2013 02:20	GK
Surr: Toluene-d8	97.1	77.8-120	%REC		177426	I	06/14/2013 02:20	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: Dobbs Environmental	Client Sample ID: RW-1
Lab Order 1306B62	Tag Number:
Project: THGC-Wrens LLC	Collection Date: 6/12/2013 7:55:00 AM
Lab ID: 1306B62-009A	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
(SW5030B)								
1,1,1-Trichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
1,1-Dichloroethane	57	5.0		ug/L	177426	1	06/14/2013 02:50	GK
1,1-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
1,2-Dibromoethane	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
1,2-Dichloroethane	6.4	5.0		ug/L	177426	1	06/14/2013 02:50	GK
1,2-Dichloropropane	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
2-Butanone	BRL	50		ug/L	177426	1	06/14/2013 02:50	GK
2-Hexanone	BRL	10		ug/L	177426	1	06/14/2013 02:50	GK
4-Methyl-2-pentanone	BRL	10		ug/L	177426	1	06/14/2013 02:50	GK
Acetone	BRL	50		ug/L	177426	1	06/14/2013 02:50	GK
Benzene	16	5.0		ug/L	177426	1	06/14/2013 02:50	GK
Bromodichloromethane	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
Bromoform	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
Bromomethane	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
Carbon disulfide	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
Carbon tetrachloride	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
Chlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
Chloroethane	BRL	10		ug/L	177426	1	06/14/2013 02:50	GK
Chloroform	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
Chloromethane	BRL	10		ug/L	177426	1	06/14/2013 02:50	GK
cis-1,2-Dichloroethene	19	5.0		ug/L	177426	1	06/14/2013 02:50	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
Cyclohexane	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
Dibromochloromethane	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
Dichlorodifluoromethane	BRL	10		ug/L	177426	1	06/14/2013 02:50	GK
Ethylbenzene	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
Freon-113	BRL	10		ug/L	177426	1	06/14/2013 02:50	GK
Isopropylbenzene	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
m,p-Xylene	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
Methyl acetate	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
Methylecyclohexane	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
Methylene chloride	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Client: Dobbs Environmental	Client Sample ID: RW-1
Lab Order 1306B62	Tag Number:
Project: THGC-Wrens LLC	Collection Date: 6/12/2013 7:55:00 AM
Lab ID: 1306B62-009A	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
Naphthalene	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
o-Xylene	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
Styrene	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
Tetrachloroethylene	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
Toluene	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
Trichloroethene	8.6	5.0		ug/L	177426	1	06/14/2013 02:50	GK
Trichlorofluoromethane	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
Vinyl chloride	BRL	2.0		ug/L	177426	1	06/14/2013 02:50	GK
1,2-Dichloroethene, Total	19	5.0		ug/L	177426	1	06/14/2013 02:50	GK
Xylenes, Total	BRL	5.0		ug/L	177426	1	06/14/2013 02:50	GK
Surr: 4-Bromofluorobenzene	92.8	64.6-123	%REC		177426	1	06/14/2013 02:50	GK
Surr: Dibromofluoromethane	95.1	76.6-133	%REC		177426	1	06/14/2013 02:50	GK
Surr: Toluene-d8	97.1	77.8-120	%REC		177426	1	06/14/2013 02:50	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 17-Jun-13

Client: Dobbs Environmental	Client Sample ID: MW-3
Lab Order: 1306B62	Tag Number:
Project: THGC-Wrens LLC	Collection Date: 6/12/2013 8:25:00 AM
Lab ID: 1306B62-010A	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
1,1,1-Trichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
1,1-Dichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
1,1-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
1,2-Dibromoethane	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
1,2-Dichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
1,2-Dichloropropane	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
2-Butanone	BRL	50		ug/L	177426	1	06/14/2013 03:20	GK
2-Hexanone	BRL	10		ug/L	177426	1	06/14/2013 03:20	GK
4-Methyl-2-pentanone	BRL	10		ug/L	177426	1	06/14/2013 03:20	GK
Acetone	BRL	50		ug/L	177426	1	06/14/2013 03:20	GK
Benzene	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
Bromodichloromethane	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
Bromoform	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
Bromomethane	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
Carbon disulfide	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
Carbon tetrachloride	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
Chlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
Chloroethane	BRL	10		ug/L	177426	1	06/14/2013 03:20	GK
Chloroform	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
Chloromethane	BRL	10		ug/L	177426	1	06/14/2013 03:20	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
Cyclohexane	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
Dibromochloromethane	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
Dichlorodifluoromethane	BRL	10		ug/L	177426	1	06/14/2013 03:20	GK
Ethylbenzene	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
Freon-113	BRL	10		ug/L	177426	1	06/14/2013 03:20	GK
Isopropylbenzene	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
m,p-Xylene	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
Methyl acetate	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
Methylcyclohexane	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
Methylene chloride	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 17-Jun-13

Client: Dobbs Environmental	Client Sample ID: MW-3
Lab Order: 1306B62	Tag Number:
Project: THGC-Wrens LLC	Collection Date: 6/12/2013 8:25:00 AM
Lab ID: 1306B62-010A	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Naphthalene	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
o-Xylene	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
Styrene	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
Tetrachloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
Toluene	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
Trichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
Trichlorofluoromethane	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
Vinyl chloride	BRL	2.0		ug/L	177426	1	06/14/2013 03:20	GK
1,2-Dichloroethene, Total	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
Xylenes, Total	BRL	5.0		ug/L	177426	1	06/14/2013 03:20	GK
Surr: 4-Bromofluorobenzene	88.9	64.6-123		%REC	177426	1	06/14/2013 03:20	GK
Surr: Dibromofluoromethane	93.6	76.6-133		%REC	177426	1	06/14/2013 03:20	GK
Surr: Toluene-d8	97.7	77.8-120		%REC	177426	1	06/14/2013 03:20	GK

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 17-Jun-13

Client: Dobbs Environmental	Client Sample ID: MW-3 DUPLICATE
Lab Order: 1306B62	Tag Number:
Project: THGC-Wrens LLC	Collection Date: 6/12/2013 8:30:00 AM
Lab ID: 1306B62-011A	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
1,1,1-Trichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
1,1-Dichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
1,1-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
1,2-Dibromoethane	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
1,2-Dichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
1,2-Dichloropropane	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
2-Butanone	BRL	50		ug/L	177426	1	06/14/2013 03:50	GK
2-Hexanone	BRL	10		ug/L	177426	1	06/14/2013 03:50	GK
4-Methyl-2-pentanone	BRL	10		ug/L	177426	1	06/14/2013 03:50	GK
Acetone	BRL	50		ug/L	177426	1	06/14/2013 03:50	GK
Benzene	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
Bromodichloromethane	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
Bromoform	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
Bromomethane	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
Carbon disulfide	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
Carbon tetrachloride	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
Chlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
Chloroethane	BRL	10		ug/L	177426	1	06/14/2013 03:50	GK
Chloroform	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
Chloromethane	BRL	10		ug/L	177426	1	06/14/2013 03:50	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
Cyclohexane	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
Dibromochloromethane	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
Dichlorodifluoromethane	BRL	10		ug/L	177426	1	06/14/2013 03:50	GK
Ethylbenzene	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
Freon-113	BRL	10		ug/L	177426	1	06/14/2013 03:50	GK
Isopropylbenzene	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
m,p-Xylene	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
Methyl acetate	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
Methylcyclohexane	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
Methylene chloride	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 17-Jun-13

Client: Dobbs Environmental	Client Sample ID: MW-3 DUPLICATE
Lab Order: 1306B62	Tag Number:
Project: THGC-Wrens LLC	Collection Date: 6/12/2013 8:30:00 AM
Lab ID: 1306B62-011A	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
Naphthalene	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
o-Xylene	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
Styrene	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
Tetrachloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
Toluene	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
Trichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
Trichlorofluoromethane	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
Vinyl chloride	BRL	2.0		ug/L	177426	1	06/14/2013 03:50	GK
1,2-Dichloroethene, Total	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
Xylenes, Total	BRL	5.0		ug/L	177426	1	06/14/2013 03:50	GK
Surr: 4-Bromofluorobenzene	91.9	64.6-123		%REC	177426	1	06/14/2013 03:50	GK
Surr: Dibromofluoromethane	95.2	76.6-133		%REC	177426	1	06/14/2013 03:50	GK
Surr: Toluene-d8	97.2	77.8-120		%REC	177426	1	06/14/2013 03:50	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 17-Jun-13

Client:	Dobbs Environmental	Client Sample ID:	MW-4
Lab Order	1306B62	Tag Number:	
Project:	THGC-Wrens LLC	Collection Date:	6/12/2013 9:05:00 AM
Lab ID:	1306B62-012A	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
(SW5030B)								
1,1,1-Trichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
1,1-Dichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
1,1-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
1,2-Dibromoethane	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
1,2-Dichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
1,2-Dichloropropane	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
2-Butanone	BRL	50		ug/L	177426	1	06/14/2013 04:20	GK
2-Hexanone	BRL	10		ug/L	177426	1	06/14/2013 04:20	GK
4-Methyl-2-pentanone	BRL	10		ug/L	177426	1	06/14/2013 04:20	GK
Acetone	BRL	50		ug/L	177426	1	06/14/2013 04:20	GK
Benzene	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
Bromodichloromethane	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
Bromoform	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
Bromomethane	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
Carbon disulfide	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
Carbon tetrachloride	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
Chlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
Chloroethane	BRL	10		ug/L	177426	1	06/14/2013 04:20	GK
Chloroform	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
Chloromethane	BRL	10		ug/L	177426	1	06/14/2013 04:20	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
Cyclohexane	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
Dibromochloromethane	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
Dichlorodifluoromethane	BRL	10		ug/L	177426	1	06/14/2013 04:20	GK
Ethylbenzene	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
Freon-113	BRL	10		ug/L	177426	1	06/14/2013 04:20	GK
Isopropylbenzene	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
m,p-Xylene	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
Methyl acetate	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
Methylcyclohexane	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
Methylene chloride	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 17-Jun-13

Client: Dobbs Environmental	Client Sample ID: MW-4
Lab Order: 1306B62	Tag Number:
Project: THGC-Wrens LLC	Collection Date: 6/12/2013 9:05:00 AM
Lab ID: 1306B62-012A	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Naphthalene	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
o-Xylene	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
Styrene	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
Tetrachloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
Toluene	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
Trichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
Trichlorofluoromethane	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
Vinyl chloride	BRL	2.0		ug/L	177426	1	06/14/2013 04:20	GK
1,2-Dichloroethene, Total	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
Xylenes, Total	BRL	5.0		ug/L	177426	1	06/14/2013 04:20	GK
Surr: 4-Bromofluorobenzene	89.9	64.6-123	%REC		177426	1	06/14/2013 04:20	GK
Surr: Dibromofluoromethane	94.1	76.6-133	%REC		177426	1	06/14/2013 04:20	GK
Surr: Toluene-d8	96.2	77.8-120	%REC		177426	1	06/14/2013 04:20	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 17-Jun-13

Client: Dobbs Environmental	Client Sample ID: RW-2
Lab Order 1306B62	Tag Number:
Project: THGC-Wrens LLC	Collection Date: 6/12/2013 9:45:00 AM
Lab ID: 1306B62-013A	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
1,1,1-Trichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
1,1-Dichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
1,1-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
1,2-Dibromoethane	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
1,2-Dichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
1,2-Dichloropropane	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
2-Butanone	BRL	50		ug/L	177426	1	06/14/2013 04:51	GK
2-Hexanone	BRL	10		ug/L	177426	1	06/14/2013 04:51	GK
4-Methyl-2-pentanone	BRL	10		ug/L	177426	1	06/14/2013 04:51	GK
Acetone	BRL	50		ug/L	177426	1	06/14/2013 04:51	GK
Benzene	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
Bromodichloromethane	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
Bromoform	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
Bromomethane	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
Carbon disulfide	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
Carbon tetrachloride	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
Chlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
Chloroethane	BRL	10		ug/L	177426	1	06/14/2013 04:51	GK
Chloroform	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
Chloromethane	BRL	10		ug/L	177426	1	06/14/2013 04:51	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
Cyclohexane	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
Dibromochloromethane	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
Dichlorodifluoromethane	BRL	10		ug/L	177426	1	06/14/2013 04:51	GK
Ethylbenzene	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
Freon-113	BRL	10		ug/L	177426	1	06/14/2013 04:51	GK
Isopropylbenzene	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
m,p-Xylene	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
Methyl acetate	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
Methylcyclohexane	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
Methylene chloride	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Client: Dobbs Environmental	Client Sample ID: RW-2
Lab Order 1306B62	Tag Number:
Project: THGC-Wrens LLC	Collection Date: 6/12/2013 9:45:00 AM
Lab ID: 1306B62-013A	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
Naphthalene	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
o-Xylene	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
Styrene	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
Tetrachloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
Toluene	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
Trichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
Trichlorofluoromethane	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
Vinyl chloride	BRL	2.0		ug/L	177426	1	06/14/2013 04:51	GK
1,2-Dichloroethene, Total	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
Xylenes, Total	BRL	5.0		ug/L	177426	1	06/14/2013 04:51	GK
Surr: 4-Bromofluorobenzene	91.4	64.6-123	%REC		177426	1	06/14/2013 04:51	GK
Surr: Dibromofluoromethane	96.1	76.6-133	%REC		177426	1	06/14/2013 04:51	GK
Surr: Toluene-d8	98.3	77.8-120	%REC		177426	1	06/14/2013 04:51	GK

Qualifiers:	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
BRL	Below reporting limit	S Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr See case narrative
N	Analyte not NELAC certified	NC Not confirmed
B	Analyte detected in the associated method blank	< Less than Result value
>	Greater than Result value	J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 17-Jun-13

Client: Dobbs Environmental	Client Sample ID: MW-11
Lab Order: 1306B62	Tag Number:
Project: THGC-Wrens LLC	Collection Date: 6/12/2013 10:15:00 AM
Lab ID: 1306B62-014A	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
1,1,1-Trichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
1,1-Dichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
1,1-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
1,2-Dibromoethane	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
1,2-Dichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
1,2-Dichloropropane	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
2-Butanone	BRL	50		ug/L	177426	1	06/14/2013 05:20	GK
2-Hexanone	BRL	10		ug/L	177426	1	06/14/2013 05:20	GK
4-Methyl-2-pentanone	BRL	10		ug/L	177426	1	06/14/2013 05:20	GK
Acetone	BRL	50		ug/L	177426	1	06/14/2013 05:20	GK
Benzene	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
Bromodichloromethane	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
Bromoform	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
Bromomethane	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
Carbon disulfide	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
Carbon tetrachloride	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
Chlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
Chloroethane	BRL	10		ug/L	177426	1	06/14/2013 05:20	GK
Chloroform	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
Chloromethane	BRL	10		ug/L	177426	1	06/14/2013 05:20	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
Cyclohexane	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
Dibromochloromethane	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
Dichlorodifluoromethane	BRL	10		ug/L	177426	1	06/14/2013 05:20	GK
Ethylbenzene	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
Freon-113	BRL	10		ug/L	177426	1	06/14/2013 05:20	GK
Isopropylbenzene	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
m,p-Xylene	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
Methyl acetate	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
Methylcyclohexane	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
Methylene chloride	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 17-Jun-13

Client: Dobbs Environmental	Client Sample ID: MW-11
Lab Order: 1306B62	Tag Number:
Project: THGC-Wrens LLC	Collection Date: 6/12/2013 10:15:00 AM
Lab ID: 1306B62-014A	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
Naphthalene	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
o-Xylene	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
Styrene	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
Tetrachloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
Toluene	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
Trichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
Trichlorofluoromethane	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
Vinyl chloride	4.4	2.0		ug/L	177426	1	06/14/2013 05:20	GK
1,2-Dichloroethene, Total	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
Xylenes, Total	BRL	5.0		ug/L	177426	1	06/14/2013 05:20	GK
Surr: 4-Bromofluorobenzene	94.9	64.6-123	%REC		177426	1	06/14/2013 05:20	GK
Surr: Dibromofluoromethane	94.4	76.6-133	%REC		177426	1	06/14/2013 05:20	GK
Surr: Toluene-d8	98.3	77.8-120	%REC		177426	1	06/14/2013 05:20	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 17-Jun-13

Client: Dobbs Environmental	Client Sample ID: MW-7
Lab Order: 1306B62	Tag Number:
Project: THGC-Wrens LLC	Collection Date: 6/12/2013 10:30:00 AM
Lab ID: 1306B62-015A	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
1,1,1-Trichloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
1,1,2-Trichloroethane		8.9	5.0	ug/L	177426	1	06/14/2013 10:21	GK
1,1-Dichloroethane		63	5.0	ug/L	177426	1	06/14/2013 10:21	GK
1,1-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
1,2-Dibromoethane	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
1,2-Dichloroethane		23	5.0	ug/L	177426	1	06/14/2013 10:21	GK
1,2-Dichloropropane	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
2-Butanone	BRL	50		ug/L	177426	1	06/14/2013 10:21	GK
2-Hexanone	BRL	10		ug/L	177426	1	06/14/2013 10:21	GK
4-Methyl-2-pentanone	BRL	10		ug/L	177426	1	06/14/2013 10:21	GK
Acetone	BRL	50		ug/L	177426	1	06/14/2013 10:21	GK
Benzene		130	5.0	ug/L	177426	1	06/14/2013 10:21	GK
Bromodichloromethane	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
Bromoform	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
Bromomethane	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
Carbon disulfide	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
Carbon tetrachloride	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
Chlorobenzene	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
Chloroethane	BRL	10		ug/L	177426	1	06/14/2013 10:21	GK
Chloroform	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
Chloromethane	BRL	10		ug/L	177426	1	06/14/2013 10:21	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
Cyclohexane	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
Dibromochloromethane	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
Dichlorodifluoromethane	BRL	10		ug/L	177426	1	06/14/2013 10:21	GK
Ethylbenzene	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
Freon-113	BRL	10		ug/L	177426	1	06/14/2013 10:21	GK
Isopropylbenzene	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
m,p-Xylene	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
Methyl acetate	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
Methylcyclohexane	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
Methylene chloride	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 17-Jun-13

Client: Dobbs Environmental	Client Sample ID: MW-7
Lab Order: 1306B62	Tag Number:
Project: THGC-Wrens LLC	Collection Date: 6/12/2013 10:30:00 AM
Lab ID: 1306B62-015A	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Naphthalene	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
o-Xylene	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
Styrene	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
Tetrachloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
Toluene	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
Trichloroethene	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
Trichlorofluoromethane	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
Vinyl chloride	12	2.0		ug/L	177426	1	06/14/2013 10:21	GK
1,2-Dichloroethene, Total	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
Xylenes, Total	BRL	5.0		ug/L	177426	1	06/14/2013 10:21	GK
Surr: 4-Bromofluorobenzene	94.6	64.6-123	%REC		177426	1	06/14/2013 10:21	GK
Surr: Dibromofluoromethane	95.4	76.6-133	%REC		177426	1	06/14/2013 10:21	GK
Surr: Toluene-d8	96.7	77.8-120	%REC		177426	1	06/14/2013 10:21	GK

Qualifiers:	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
BRL	Below reporting limit	S Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr See case narrative
N	Analyte not NELAC certified	NC Not confirmed
B	Analyte detected in the associated method blank	< Less than Result value
>	Greater than Result value	J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 17-Jun-13

Client: Dobbs Environmental	Client Sample ID: TRIP BLANK
Lab Order: 1306B62	Tag Number:
Project: THGC-Wrens LLC	Collection Date: 6/12/2013 10:35:00 AM
Lab ID: 1306B62-016A	Matrix: Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
1,1,1-Trichloroethane	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
1,1-Dichloroethane	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
1,1-Dichloroethene	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
1,2-Dibromoethane	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
1,2-Dichloroethane	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
1,2-Dichloropropane	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
2-Butanone	BRL	50		ug/L	177426	1	06/13/2013 22:20	GK
2-Hexanone	BRL	10		ug/L	177426	1	06/13/2013 22:20	GK
4-Methyl-2-pentanone	BRL	10		ug/L	177426	1	06/13/2013 22:20	GK
Acetone	BRL	50		ug/L	177426	1	06/13/2013 22:20	GK
Benzene	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
Bromodichloromethane	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
Bromoform	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
Bromomethane	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
Carbon disulfide	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
Carbon tetrachloride	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
Chlorobenzene	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
Chloroethane	BRL	10		ug/L	177426	1	06/13/2013 22:20	GK
Chloroform	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
Chloromethane	BRL	10		ug/L	177426	1	06/13/2013 22:20	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
Cyclohexane	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
Dibromochloromethane	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
Dichlorodifluoromethane	BRL	10		ug/L	177426	1	06/13/2013 22:20	GK
Ethylbenzene	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
Freon-113	BRL	10		ug/L	177426	1	06/13/2013 22:20	GK
Isopropylbenzene	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
m,p-Xylene	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
Methyl acetate	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
Methylcyclohexane	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
Methylene chloride	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 17-Jun-13

Client:	Dobbs Environmental	Client Sample ID:	TRIP BLANK
Lab Order	1306B62	Tag Number:	
Project:	THGC-Wrens LLC	Collection Date:	6/12/2013 10:35:00 AM
Lab ID:	1306B62-016A	Matrix:	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
Naphthalene	BRL	5.0		ug/l.	177426	1	06/13/2013 22:20	GK
o-Xylene	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
Styrene	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
Tetrachloroethene	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
Toluene	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
Trichloroethene	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
Trichlorofluoromethane	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
Vinyl chloride	BRL	2.0		ug/L	177426	1	06/13/2013 22:20	GK
1,2-Dichloroethene, Total	BRL	5.0		ug/L	177426	1	06/13/2013 22:20	GK
Xylenes, Total	BRL	5.0		ug/l.	177426	1	06/13/2013 22:20	GK
Surr: 4-Bromofluorobenzene	90	64.6-123	%REC		177426	1	06/13/2013 22:20	GK
Surr: Dibromofluoromethane	95.2	76.6-133	%REC		177426	1	06/13/2013 22:20	GK
Surr: Toluene-d8	95.7	77.8-120	%REC		177426	1	06/13/2013 22:20	GK

Qualifiers: * Value exceeds maximum contaminant level

B Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Dobbs Environmental

Work Order Number 1306362

Checklist completed by AK
Signature

Date 6-13-13

Carrier name: FedEx UPS Courier Client US Mail Other _____

Shipping container/coolers in good condition? Yes No Not Present

Custody seals intact on shipping container/coolers? Yes No Not Present

Custody seals intact on sample bottles? Yes No Not Present

Container/Temp Blank temperature in compliance? (4°C±2)* Yes No

Cooler #1 3.5 Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler #5 _____ Cooler #6 _____

Chain of custody present? Yes No

Chain of custody signed when relinquished and received? Yes No

Chain of custody agrees with sample labels? Yes No

Samples in proper container/bottle? Yes No

Sample containers intact? Yes No

Sufficient sample volume for indicated test? Yes No

All samples received within holding time? Yes No

Was TAT marked on the COC? Yes No

Proceed with Standard TAT as per project history? Yes No Not Applicable

Water - VOA vials have zero headspace? No VOA vials submitted Yes No

Water - pH acceptable upon receipt? Yes No Not Applicable

Adjusted? _____ Checked by _____

Sample Condition: Good Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes No

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

Analytical Environmental Services, Inc

Date: 17-Jun-13

ANALYTICAL QC SUMMARY REPORT

BatchID: 177426

Sample ID:	MB-177426	Client ID:		Units:	ug/L	Prep Date:	06/13/2013	Run No:	246020		
Sample Type:	MBLK	Test Code:	Volatile Organic Compounds by GC/MS SW8260B	Batch ID:	177426	Analysis Date:	06/13/2013	Seq No:	5154076		
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloroethene, Total	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	50									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 17-Jun-13

ANALYTICAL QC SUMMARY REPORT

BatchID: 177426

Sample ID:	MB-177426	Client ID:		Units:	ug/L	Prep Date:	06/13/2013	Run No:	246020		
Sample Type:	MBLK	Test Code:	Volatile Organic Compounds by GC/MS SW826B	Batch ID:	177426	Analysis Date:	06/13/2013	Seq No:	5154076		
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloromethane	BRL	10									
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
Naphthalene	BRL	5.0									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	2.0									
Xylenes, Total	BRL	5.0									
Surr: 4-Bromofluorobenzene	45.93	0	50.00		91.9	64.6	123				
Surr: Dibromoformmethane	47.06	0	50.00		94.1	76.6	133				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 17-Jun-13

Client: Dobbs Environmental
 Project Name: THGC-Wrens LLC
 Workorder: 1306B62

ANALYTICAL QC SUMMARY REPORT

BatchID: 177426

Sample ID:	MB-177426	Client ID:	Volatile Organic Compounds by GC/MS SW8260B			Units:	ug/L	Prep Date:	06/13/2013	Run No:	246020	
SampleType:	MBLK	TestCode:				BatchID:	177426	Analysis Date:	06/13/2013	Seq No:	5154076	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual	
Surr: Toluene-d8	48.52	0	50.00		97.0	77.8	120					
Sample ID:	LCS-177426	Client ID:	Volatile Organic Compounds by GC/MS SW8260B			Units:	ug/L	Prep Date:	06/13/2013	Run No:	246020	
SampleType:	LCS	TestCode:				BatchID:	177426	Analysis Date:	06/13/2013	Seq No:	5153933	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual	
1,1-Dichloroethene	48.79	5.0	50.00		97.6	61.1	142					
Benzene	47.63	5.0	50.00		95.3	73.5	130					
Chlorobenzene	45.11	5.0	50.00		90.2	72.4	123					
Toluene	48.70	5.0	50.00		97.4	73.6	130					
Trichloroethene	51.76	5.0	50.00		104	70	135					
Surr: 4-Bromofluorobenzene	47.72	0	50.00		95.4	64.6	123					
Surr: Dibromofluoromethane	48.13	0	50.00		96.3	76.6	133					
Surr: Toluene-d8	49.87	0	50.00		99.7	77.8	120					
Sample ID:	1306B62-015AMS	Client ID:	MW-7	Volatile Organic Compounds by GC/MS SW8260B			Units:	ug/L	Prep Date:	06/13/2013	Run No:	246020
SampleType:	MS	TestCode:				BatchID:	177426	Analysis Date:	06/13/2013	Seq No:	5154078	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual	
1,1-Dichloroethene	572.4	50	500.0		114	60	168					
Benzene	662.7	50	500.0	130.6	106	66.6	148					
Chlorobenzene	478.2	50	500.0		95.6	71.9	135					
Toluene	528.5	50	500.0		106	68	149					
Trichloroethene	543.7	50	500.0		109	71.1	154					
Surr: 4-Bromofluorobenzene	485.3	0	500.0		97.1	64.6	123					
Surr: Dibromofluoromethane	488.2	0	500.0		97.6	76.6	133					
Surr: Toluene-d8	490.9	0	500.0		98.2	77.8	120					

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 17-Jun-13

Client: Dobbs Environmental
 Project Name: THGC-Wrens LLC
 Workorder: I306B62

ANALYTICAL QC SUMMARY REPORT

BatchID: 177426

Sample ID: I306B62-015AMSD	Client ID: MW-7	Units: ug/L			Prep Date: 06/13/2013	Run No: 246020					
Sample Type: MSD	TestCode: Volatile Organic Compounds by GC/MS SW8260B	BatchID: 177426			Analysis Date: 06/13/2013	Seq No: 5154079					
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	535.7	50	500.0		107	60	168	572.4	6.62	18.6	
Benzene	627.1	50	500.0	130.6	99.3	66.6	148	662.7	5.52	20	
Chlorobenzene	466.3	50	500.0		93.3	71.9	135	478.2	2.52	20	
Toluene	505.1	50	500.0		101	68	149	528.5	4.53	20	
Trichloroethylene	515.0	50	500.0		103	71.1	154	543.7	5.42	20	
Surr: 4-Bromofluorobenzene	473.7	0	500.0		94.7	64.6	123	485.3	0	0	
Surr: Dibromofluoromethane	489.9	0	500.0		98.0	76.6	133	488.2	0	0	
Surr: Toluene-d8	496.0	0	500.0		99.2	77.8	120	490.9	0	0	

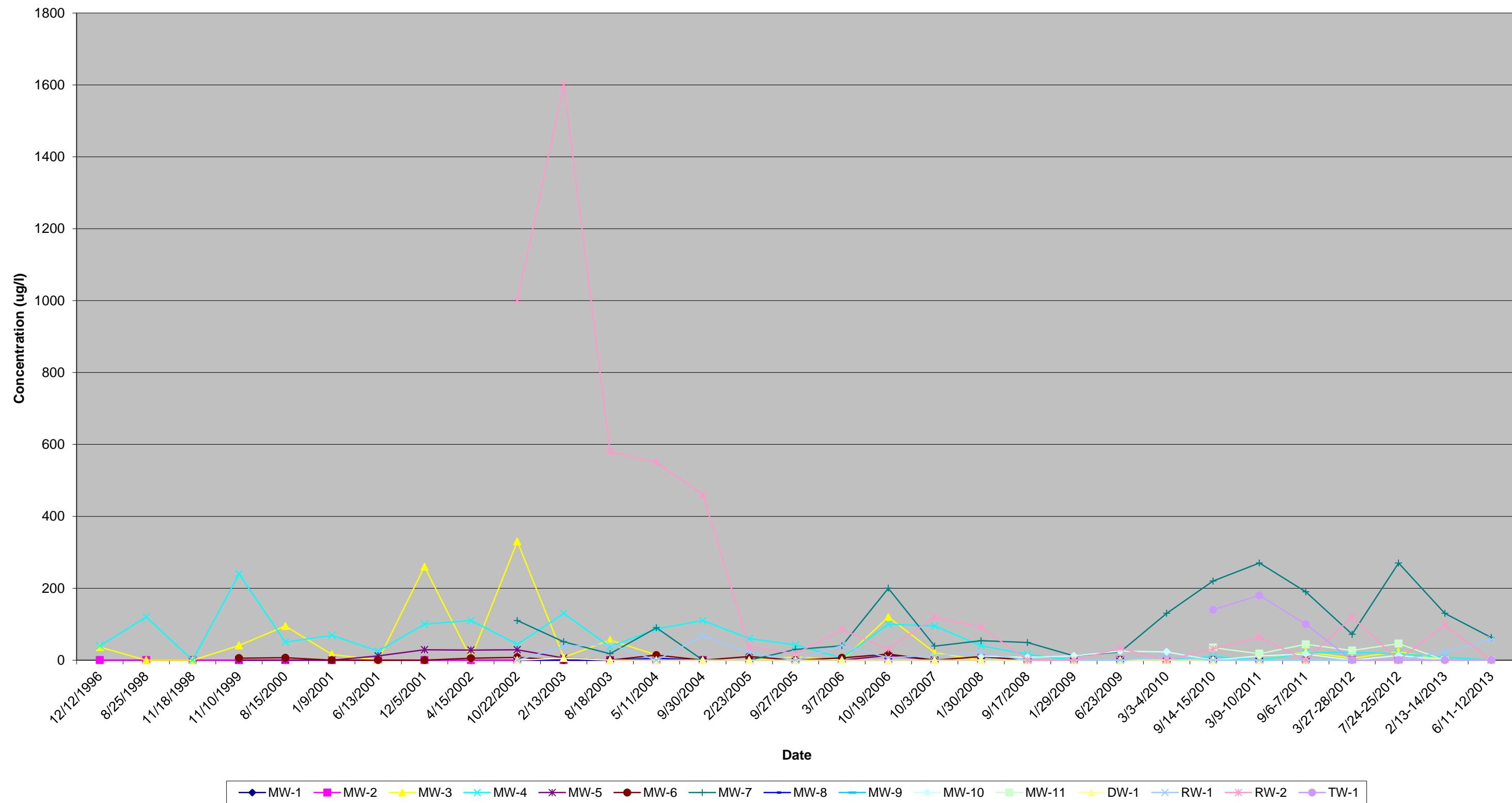
Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		



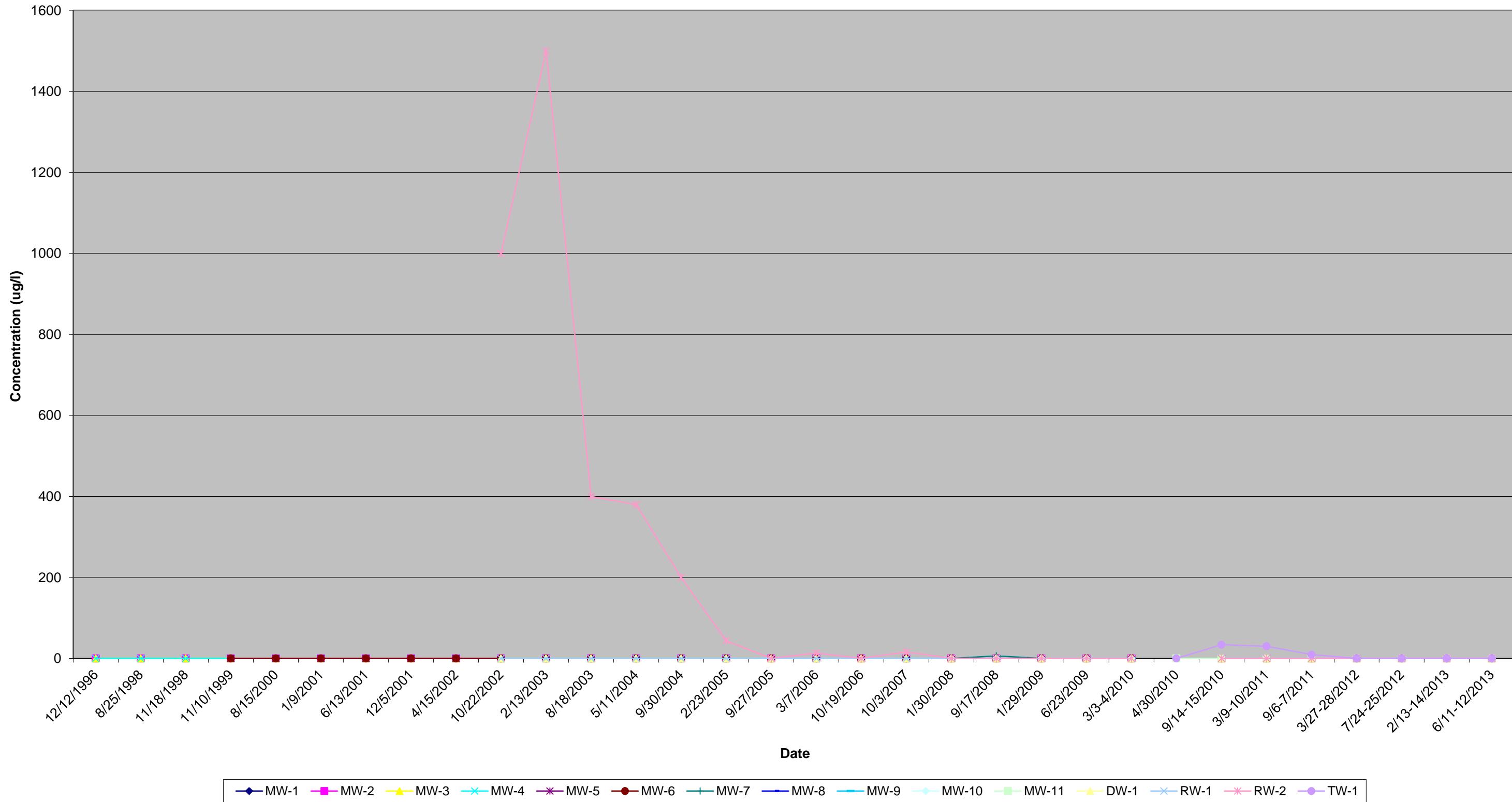
APPENDIX D

HISTORIC TREND GRAPHS

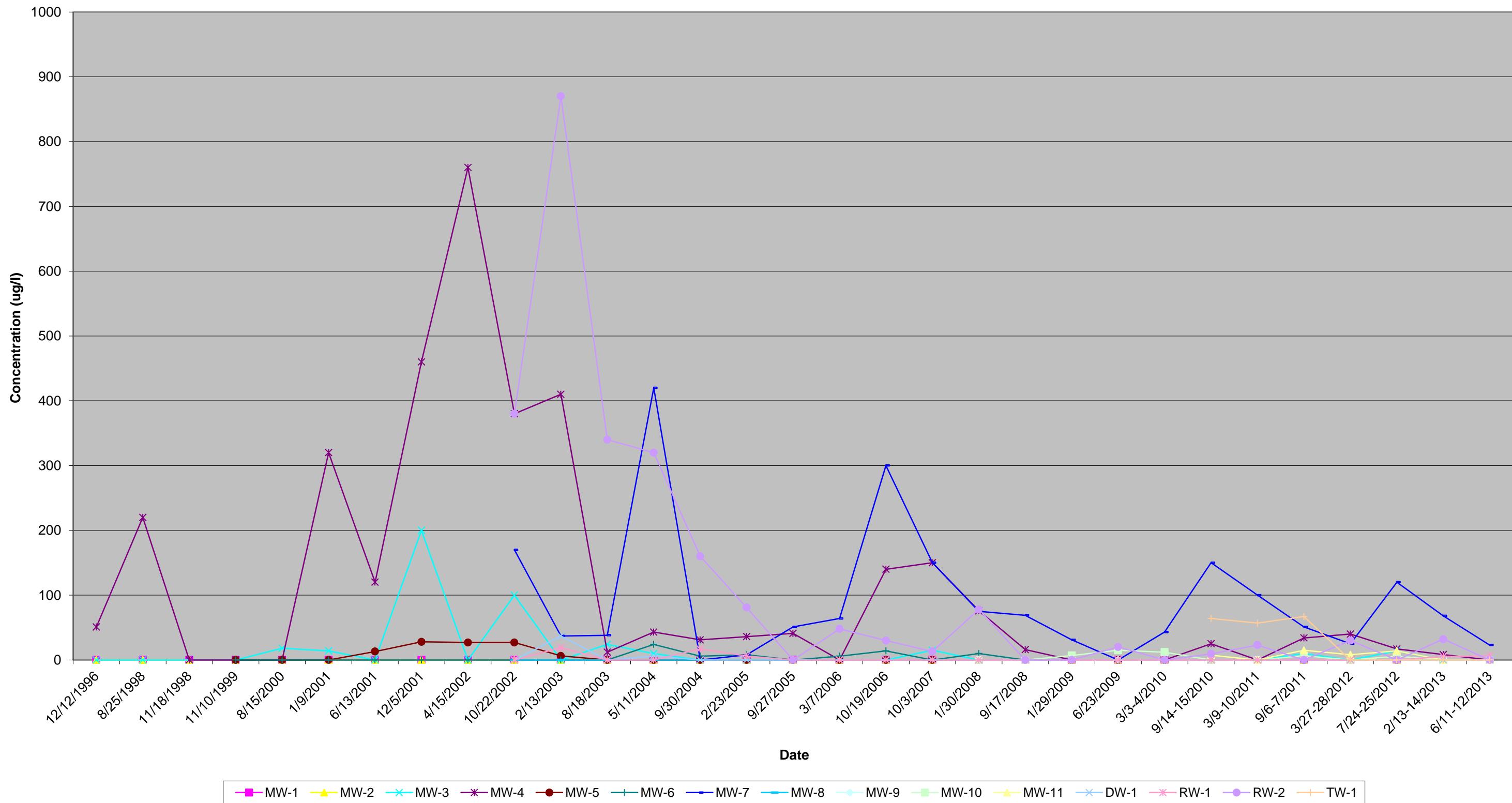
THGC Wrens LLC 1,1-Dichloroethane Graphs



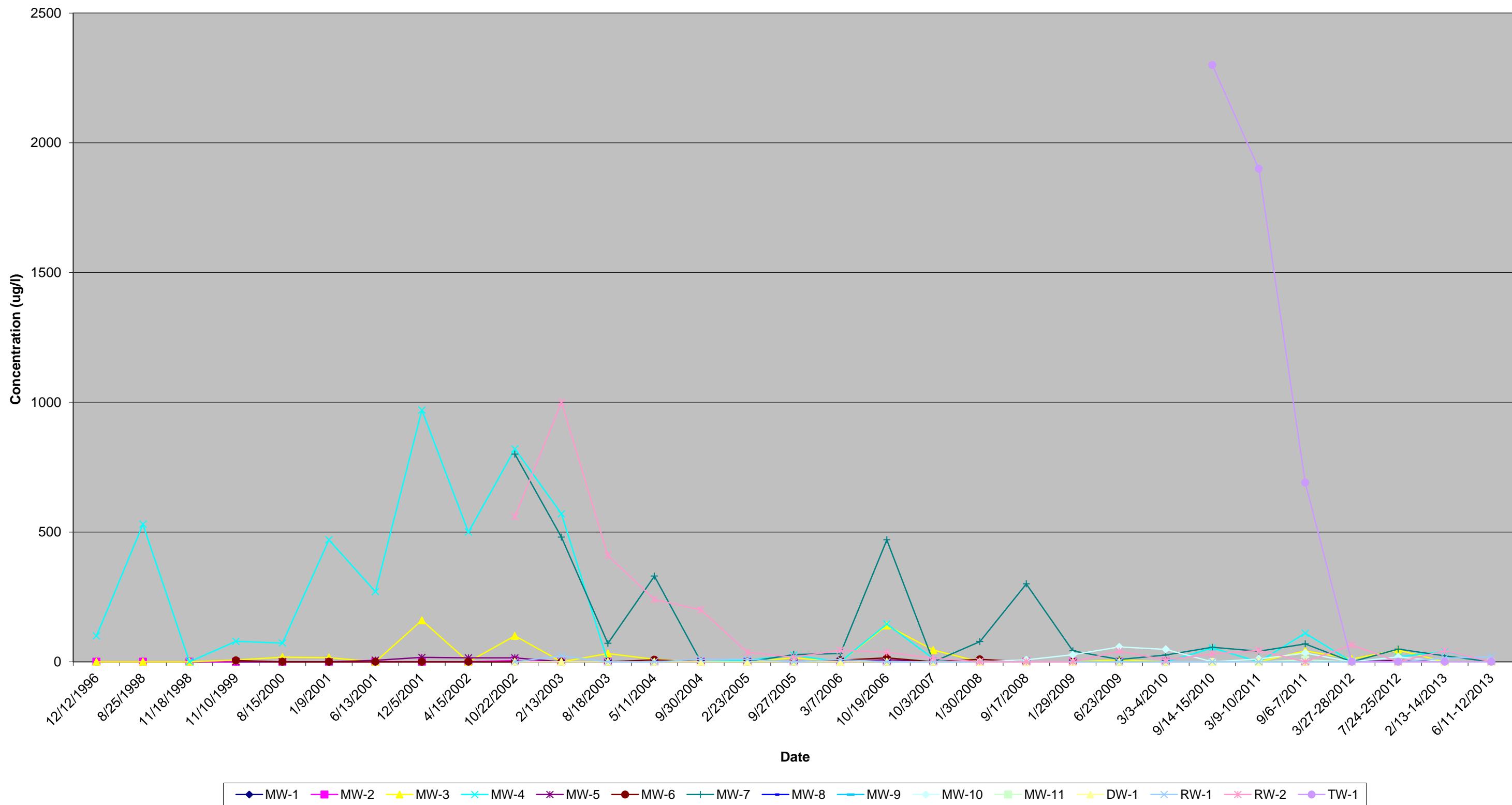
THGC Wrens LLC 1,1-Dichloroethene Graphs



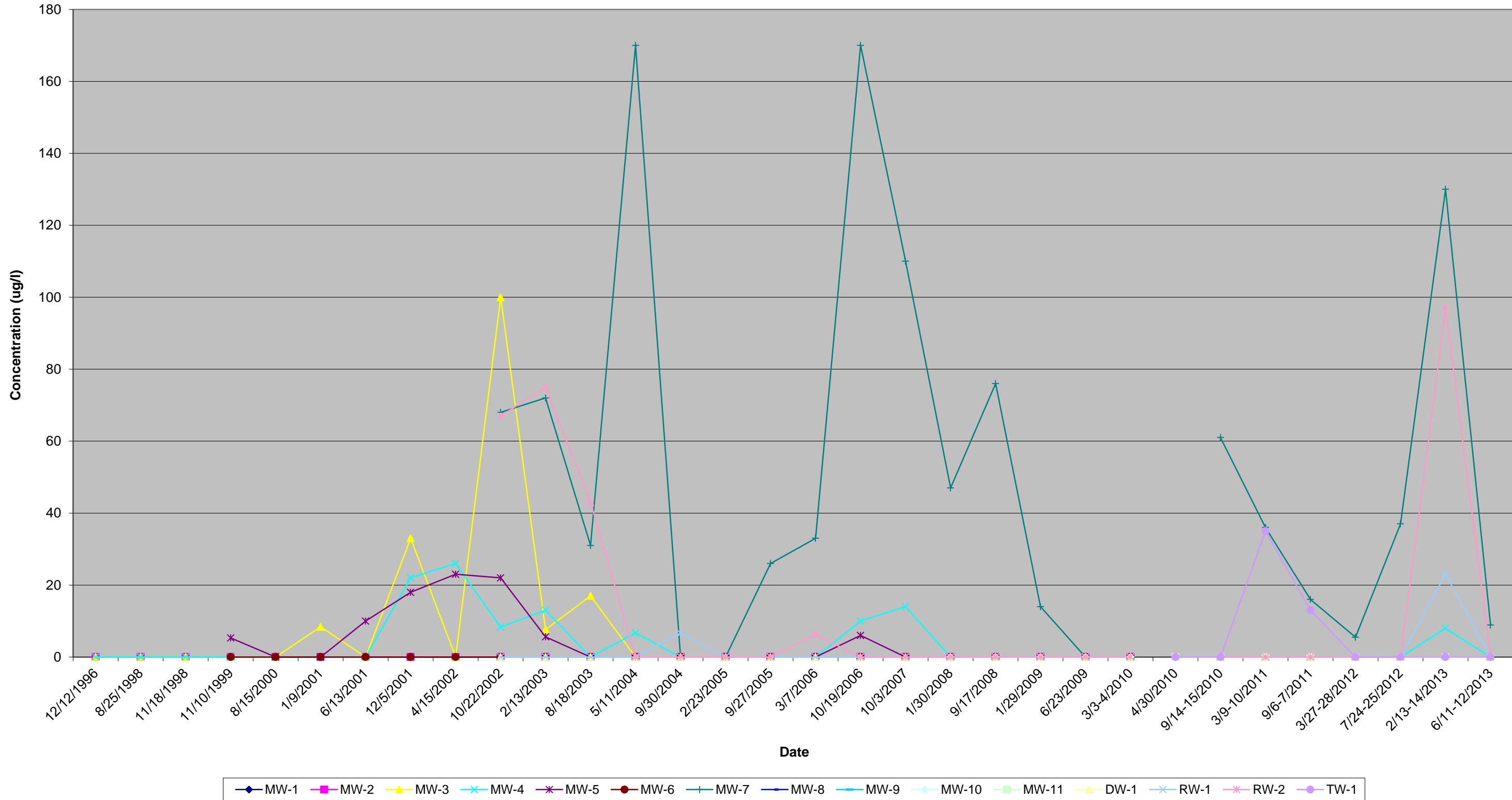
THGC Wrens LLC 1,2-Dichloroethane Graphs



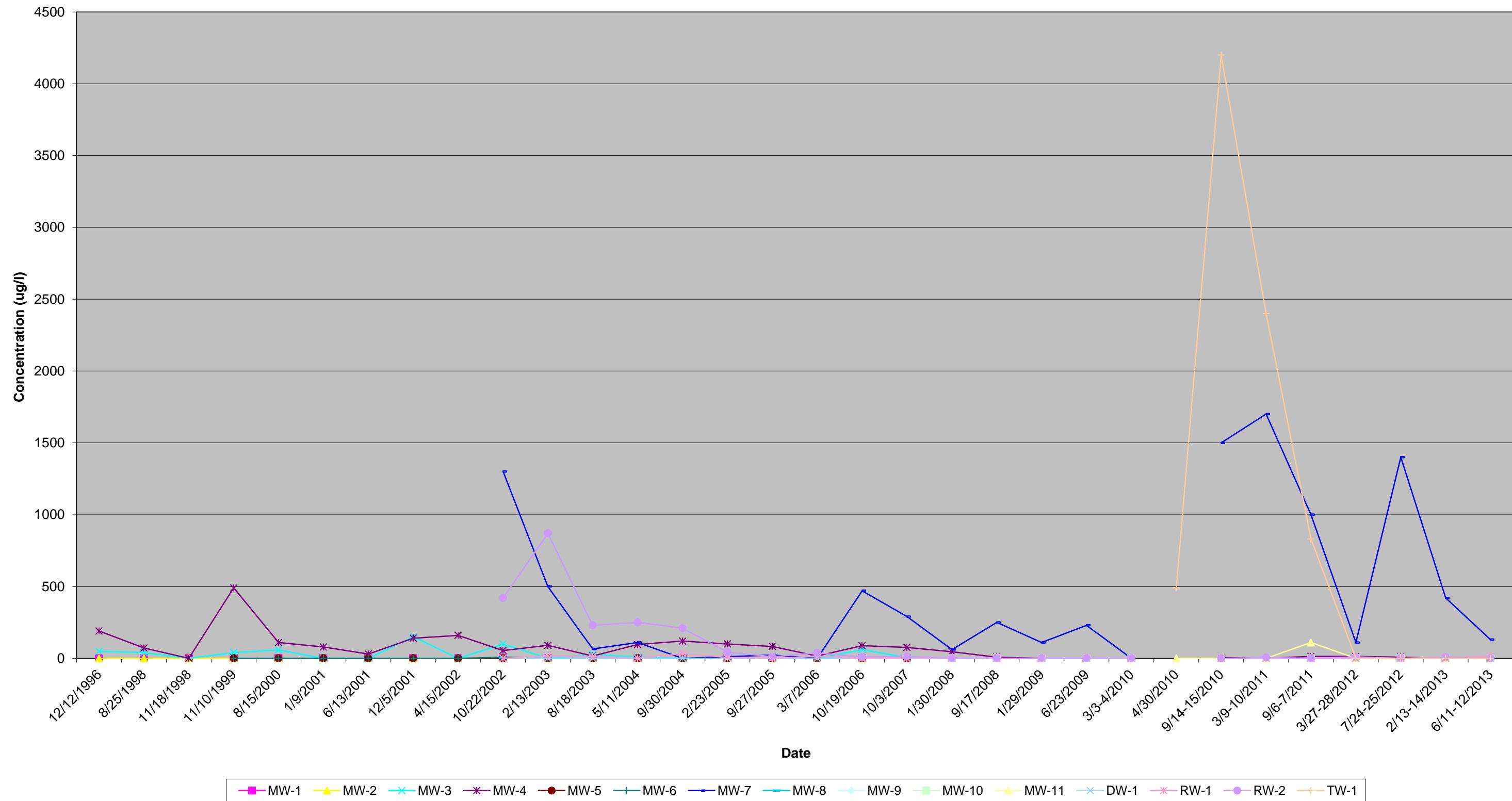
THGC Wrens LLC Total 1,2-Dichloroethene Graphs



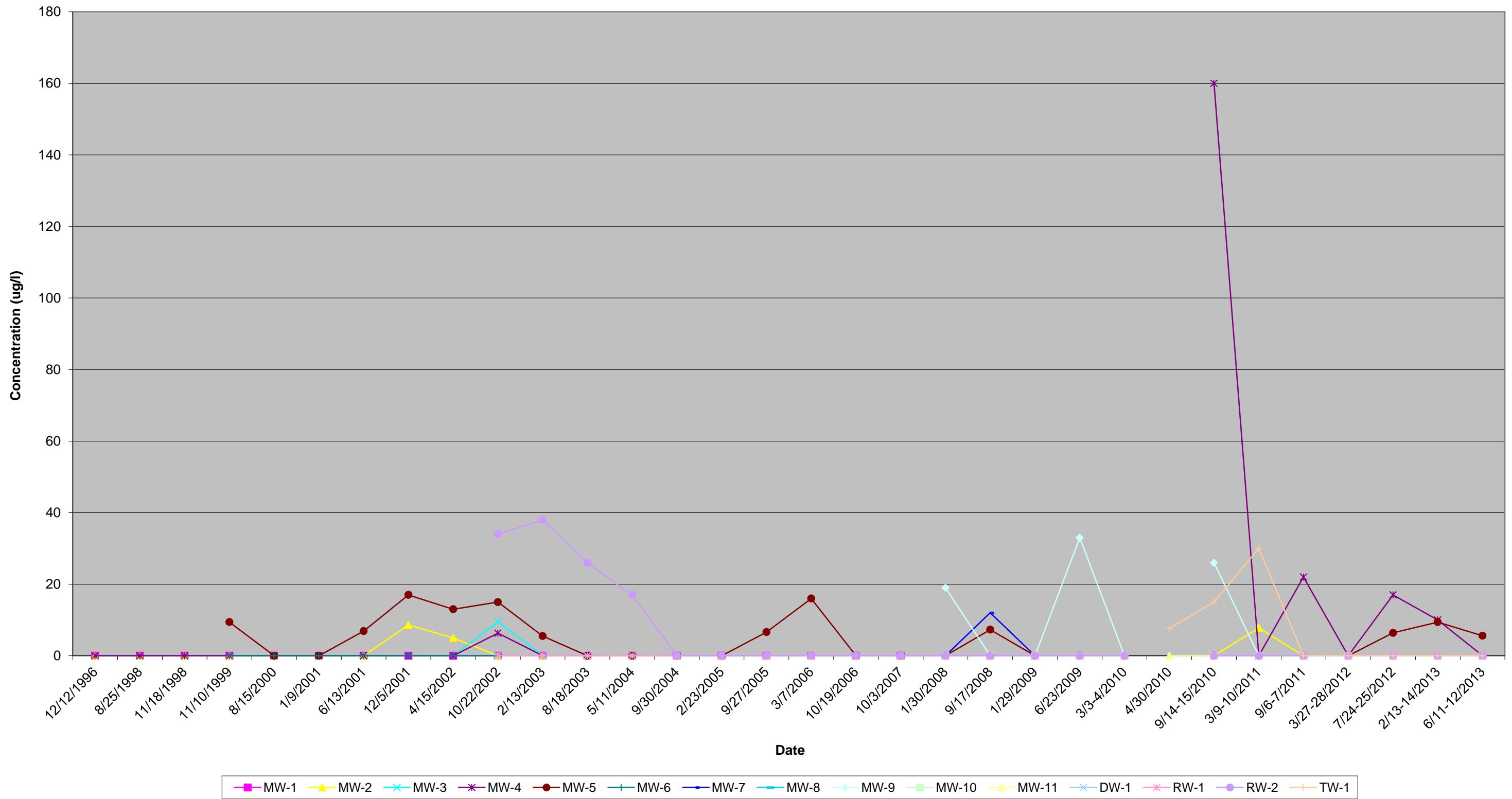
THGC Wrens LLC 1,1,2-Trichloroethane Graphs



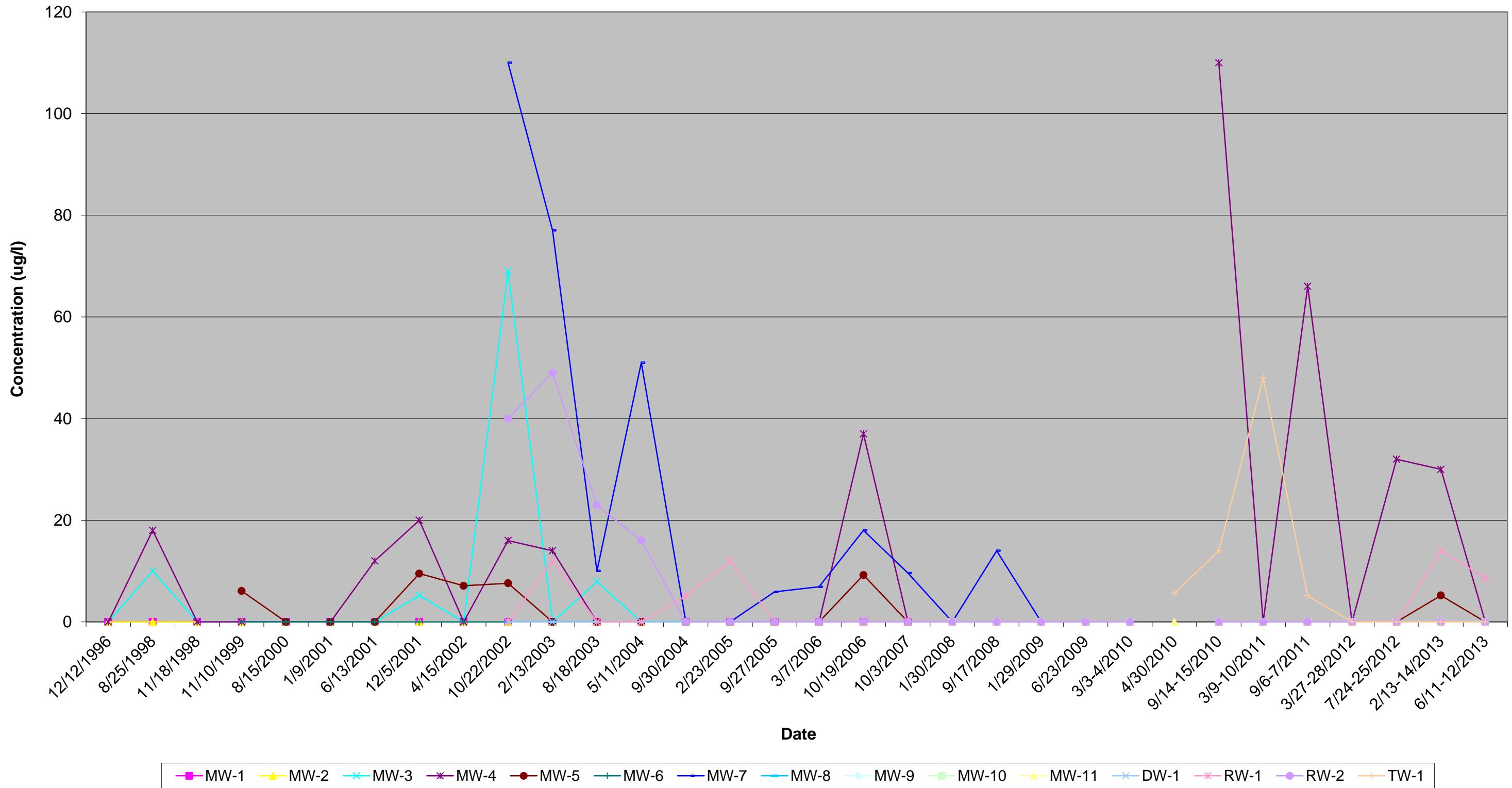
THGC Wrens LLC Benzene Graphs



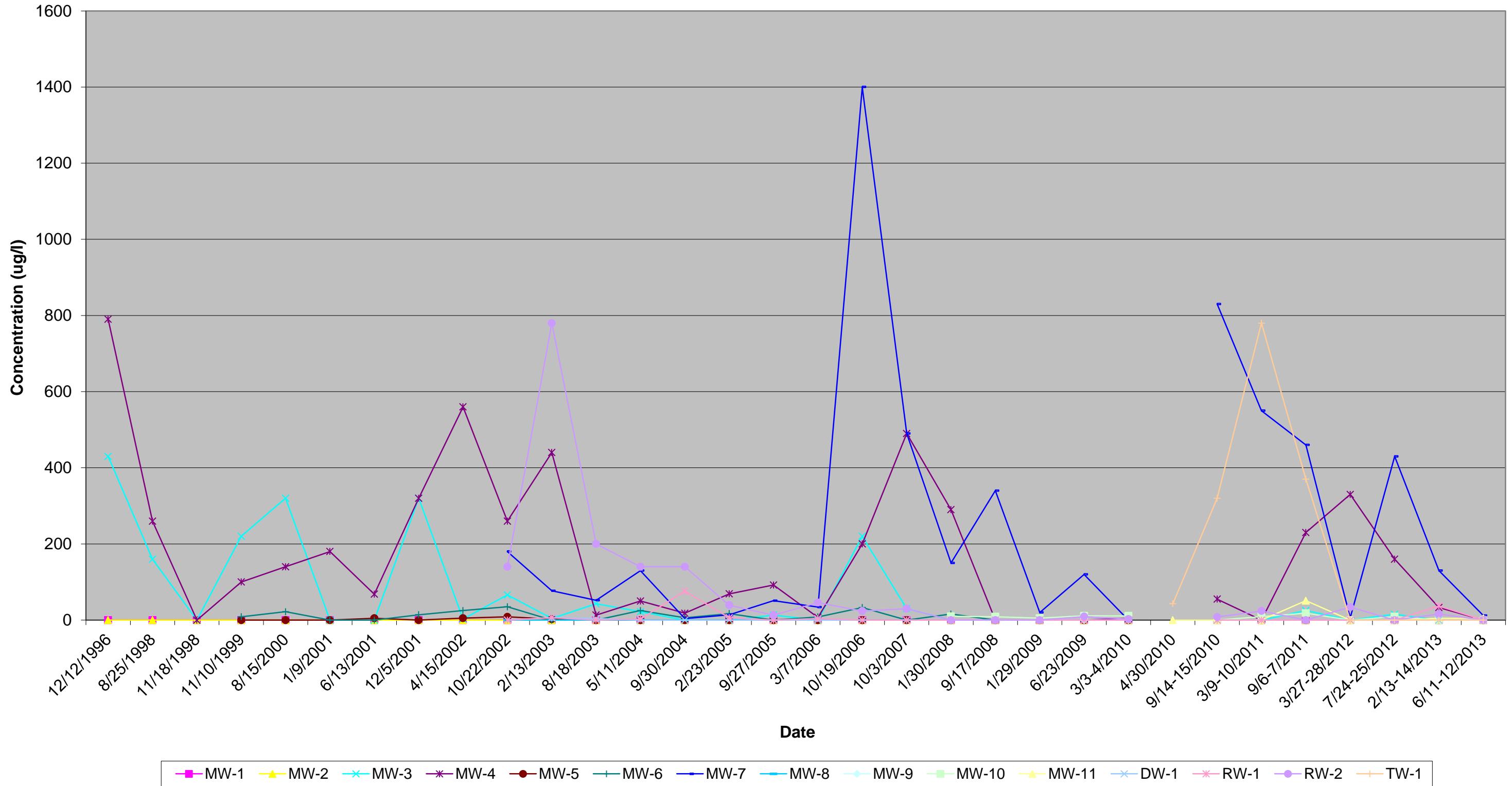
THGC Wrens LLC Tetrachloroethene Graphs



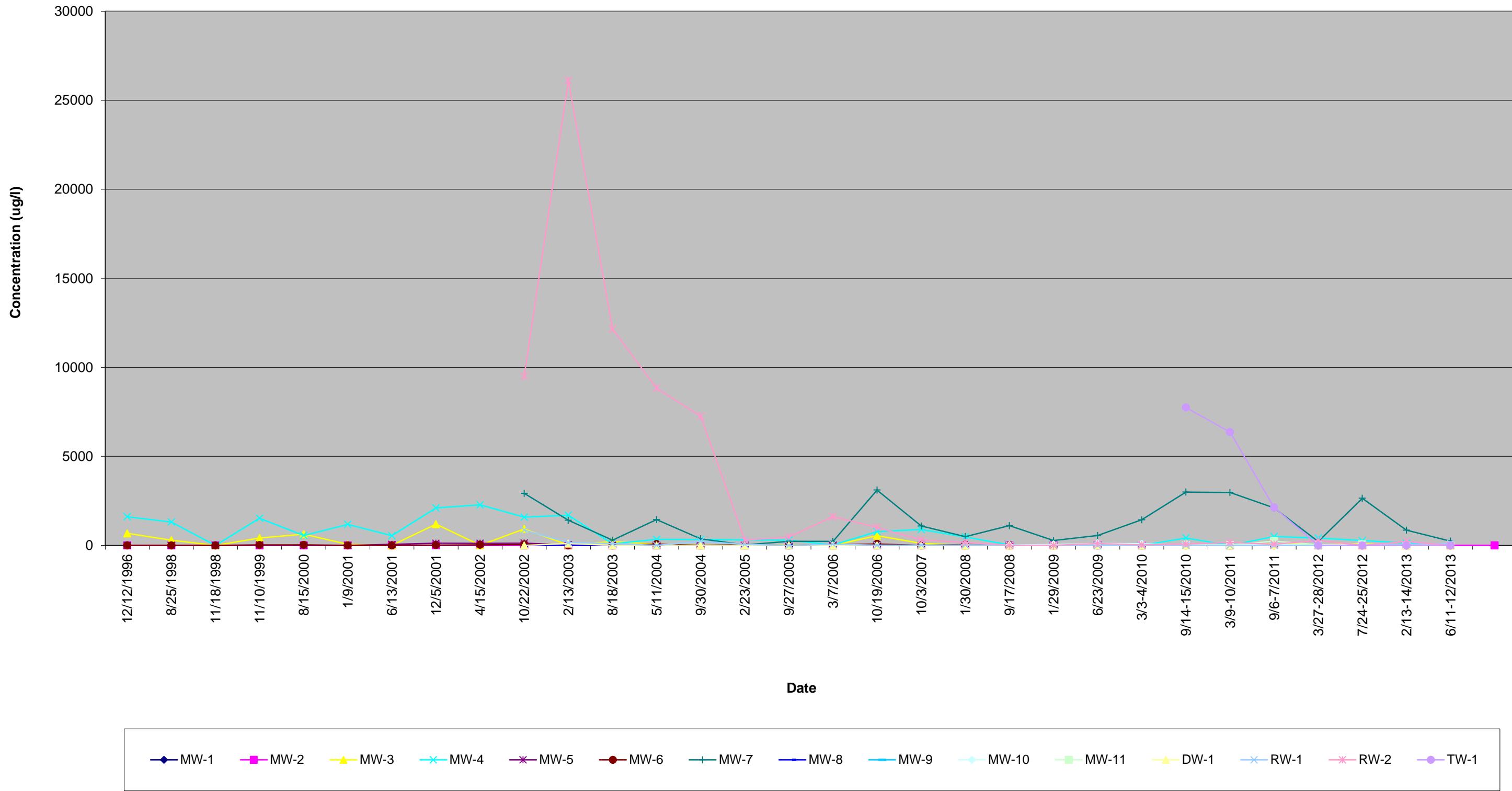
THGC Wrens LLC Trichloroethene Graphs



THGC Wrens LLC Vinyl Chloride Graphs



THGC Wrens LLC Total Volatiles Graph





APPENDIX E

MILESTONE SCHEDULE

VOLUNTARY INVESTIGATION AND REMEDIATION PLAN APPLICATION

FORMER OIL PROCESSING CORPORATION PROPERTY
WRENS, JEFFERSON COUNTY, GEORGIA
HSI# 10245

ID	Task Name	Duration	Start	Finish	2014												
					Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul				
1	I. Submission of VRP Application Including Conceptual Site Model	3 days	Wed 8/28/13	Fri 8/30/13													
2	EPD Approval of VRP Application	45 days	Mon 9/2/13	Fri 11/1/13													
3																	
4	II. Semi-Annual Report/CSM Updates	960 days	Fri 11/1/13	Thu 7/6/17													
5	1st Semi-Annual Report Preparation	6 mons	Fri 11/1/13	Thu 4/17/14													
6	2nd Semi-Annual Report Preparation	6 mons	Fri 4/18/14	Thu 10/2/14													
7	3rd Semi-Annual Report Preparation	6 mons	Fri 10/3/14	Thu 3/19/15													
8	4th Semi-Annual Report Preparation	6 mons	Fri 3/20/15	Thu 9/3/15													
9	5th Semi-Annual Report Preparation	6 mons	Fri 9/4/15	Thu 2/18/16													
10	6th Semi-Annual Report Preparation	6 mons	Fri 2/19/16	Thu 8/4/16													
11	7th Semi-Annual Report Preparation	6 mons	Fri 8/5/16	Thu 1/19/17													
12	8th Semi-Annual Report Preparation	6 mons	Fri 1/20/17	Thu 7/6/17													
13																	
14	III. Project Milestones	1200 days	Fri 11/1/13	Thu 6/7/18													
15	Horizontal Delineation of Constituents of Concern on-Site	12 mons	Fri 11/1/13	Thu 10/2/14													
16	Horizontal Delineation of Constituents of Concern off-Site	24 mons	Fri 11/1/13	Thu 9/3/15													
17	Vertical Delineation, Remedial Plan Preparation, and Cost Estimate	30 mons	Fri 11/1/13	Thu 2/18/16													
18	Preparation of Compliance Status Report	60 mons	Fri 11/1/13	Thu 6/7/18													

Project: Former Oil Processing Corporation
VRP Application Schedule
Date: Wed 8/21/13

Task



Milestone



External Tasks



Split



Summary



External Milestone



Progress



Project Summary

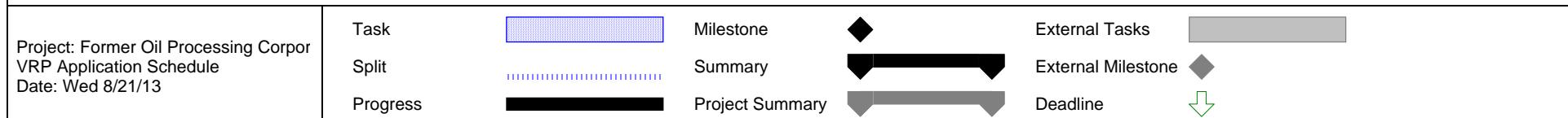
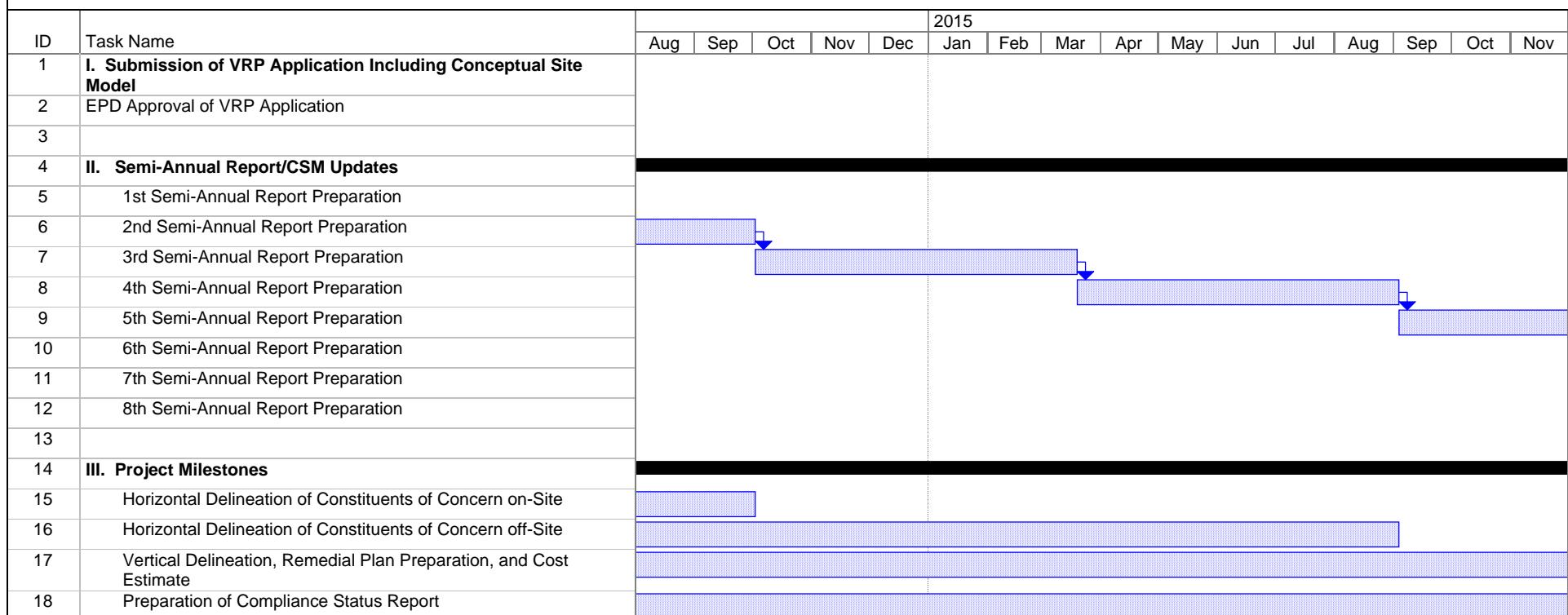


Deadline



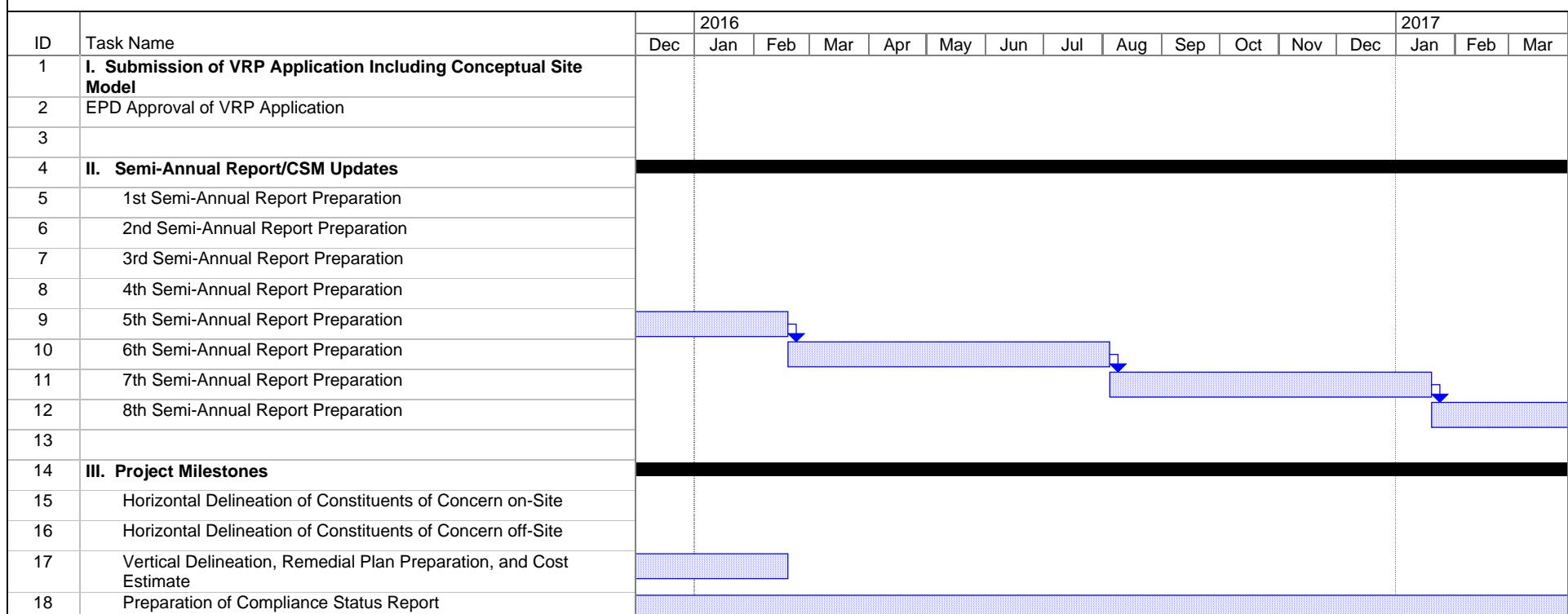
VOLUNTARY INVESTIGATION AND REMEDIATION PLAN APPLICATION

FORMER OIL PROCESSING CORPORATION PROPERTY
WRENS, JEFFERSON COUNTY, GEORGIA
HSI# 10245



VOLUNTARY INVESTIGATION AND REMEDIATION PLAN APPLICATION

FORMER OIL PROCESSING CORPORATION PROPERTY
WRENS, JEFFERSON COUNTY, GEORGIA
HSI# 10245



Project: Former Oil Processing Corporation
VRP Application Schedule
Date: Wed 8/21/13

Task



Milestone



External Tasks



Split



Summary



External Milestone



Progress



Project Summary



Deadline



VOLUNTARY INVESTIGATION AND REMEDIATION PLAN APPLICATION

FORMER OIL PROCESSING CORPORATION PROPERTY
WRENS, JEFFERSON COUNTY, GEORGIA
HSI# 10245

ID	Task Name	2018															
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
1	I. Submission of VRP Application Including Conceptual Site Model																
2	EPD Approval of VRP Application																
3																	
4	II. Semi-Annual Report/CSM Updates																
5	1st Semi-Annual Report Preparation																
6	2nd Semi-Annual Report Preparation																
7	3rd Semi-Annual Report Preparation																
8	4th Semi-Annual Report Preparation																
9	5th Semi-Annual Report Preparation																
10	6th Semi-Annual Report Preparation																
11	7th Semi-Annual Report Preparation																
12	8th Semi-Annual Report Preparation																
13																	
14	III. Project Milestones																
15	Horizontal Delineation of Constituents of Concern on-Site																
16	Horizontal Delineation of Constituents of Concern off-Site																
17	Vertical Delineation, Remedial Plan Preparation, and Cost Estimate																
18	Preparation of Compliance Status Report																

Project: Former Oil Processing Corporation VRP Application Schedule Date: Wed 8/21/13	Task		Milestone		External Tasks	
	Split		Summary		External Milestone	
	Progress		Project Summary		Deadline	