North Carolina Department of Environment and Natural Resources
Division of Waste Management

Pat McCrory
Governor

Dexter R. Matthews
Director

John E. Skvarla, III
Secretary

May 17, 2013

Mr. James Henderson
DuPont Corporate Remediation Group
6324 Fairview Road
Charlotte, North Carolina 28210

RE: Cancellation of REC-Administrative Agreement
Dupont-Kentec
Grifton, Lenoir County, North Carolina
Site ID No. NONCD0002818

Dear Mr. Henderson:

On May 13, 2013, we received your letter terminating the Registered Environmental Consultant (REC) Administrative Agreement (AA) for the Dupont-Kentec Site (Site). As you requested, the REC-AA will be cancelled. It is my understanding that you may re-enter the Site into the REC Program in the future.

The AA was executed for "voluntary" cleanup of hazardous substances under Inactive Hazardous Substance Response Act (IHSRA) authority. The site will be removed from the Responsible Party Voluntary Remedial Action category of the Inactive Hazardous Sites Inventory. Note that site categories are published in the annual Report to the North Carolina General Assembly on the Inactive Hazardous Sites Program. Since you are no longer "volunteering" to address the contamination at the Site, the Inactive Hazardous Sites Branch (Branch) will review the Site to determine its priority for remedial action under IHSRA authority. Also, the Site may be reviewed and evaluated by the US Environmental Protection Agency for action under the federal Superfund Program.

Please be aware that, if you have not already done so, pursuant to 15A NCAC 2L .0106(b), any person conducting or controlling an activity which results in the discharge of a waste or hazardous substance to the groundwaters of the State, or in proximity thereto, shall take immediate action to terminate and control the discharge, and mitigate any hazards resulting from exposure to the pollutants. Pursuant to 15A NCAC 2L .0106(c), if groundwater standards have been exceeded, you must take immediate action to eliminate the source or sources of contamination. Beyond initial abatement actions, all assessment and remediation will be done under the IHSRA.

Finally, be aware that removal of the Site from the REC Program does not relieve the REC, Registered Site Manager (RSM), and Remediating Party (RP) of their obligations regarding the work performed at the Site to date. A technical audit of the project file and documents that have been submitted may be completed by the Branch in the future. Violations of the REC Rules may result in the RSM and/or REC being temporarily or permanently disqualified from the REC Program. The RSM, REC, and/or RP may also be subject to penalties and other applicable sanctions.

If you have any questions, please contact me at (919)707-8348 or matt.aufman@ncdenr.gov.

Sincerely,

Matthew Aufman
REC Program
Inactive Hazardous Sites Branch
Superfund Section

cc: Mr. Stephen Shoemaker, DuPont
Mr. Andy Clark, AMEC
Mr. Marc Harder, Parsons
Mr. Alan Heltzel, Unifi, Inc.
Mr. Robert MacWilliams, URS Corporation-NC
Mr. Bruce Parris, IHSB-Western Unit

Aufman, Matt

From: Aufman, Matt
Sent: Friday, May 17, 2013 10:09 AM
To: James.K.Henderson@dupont.com
Cc: 'MacWilliams, Rob'; Stephen Shoemaker (STEPHEN.H.SHOEMAKER@dupont.com); Marc Harder (marc.harder@parsons.com); Heltzel, Al - YAD (aheltzel@UNIFI.COM); Andrew Clark (andy.clark@amec.com)
Subject: RE: DuPont-Kentec REC Site - Administrative Agreement Dissolution Notification
Attachments: RECAA Cancel Ltr NONCD0002818.pdf

Mr. Henderson,
We have received your RSMs' notification for his intent to withdraw from the REC Program. I have attached the cancellation letter. A hard copy will also be mailed to you.
Regards,
Matt

Matthew Aufman
Inactive Hazardous Sites Branch - REC Program
NCDENR - Division of Waste Management
217 West Jones Street
Raleigh, North Carolina 27603
Phone: (919) 707-8348
matt.aufman@ncdenr.gov
http://portal.ncdenr.org/web/wm/sf/ihs/recprogram
Please complete the DENR Customer Service Survey by May 31 to give us feedback on how we are doing and how we can improve: https://www.surveymonkey.com/s/2013DENRCustomerService

Please contact eac@ncdenr.gov if you have problems accessing the survey.

From: MacWilliams, Rob [mailto:rob.macwilliams@urs.com]
Sent: Monday, May 13, 2013 11:24 AM
To: Aufman, Matt; Stephen Shoemaker (STEPHEN.H.SHOEMAKER@dupont.com); Marc Harder (marc.harder@parsons.com); Heltzel, Al - YAD (aheltzel@UNIFI.COM); Andrew Clark (andy.clark@amec.com); Fulkerson, Mike; James.K.Henderson@dupont.com
Cc: Evans, Cristal; Caulk, Kim
Subject: DuPont-Kentec REC Site - Administrative Agreement Dissolution Notification

Matt-
Please find attached formal notification that DuPont and Unifi are electing to temporarily discontinue work under the existing Administrative Agreement (AA) for the site. As documented in the attached letter, both DuPont and Unifi plan to expeditiously complete the remaining assessment activities necessary to meet the RI requirements of the REC Program and enter into a new AA with the Division. Please give me a call if you have any questions or require any additional information.

Thanks Matt!

Robert MacWilliams, PG, RSM
Principal Geologist – Vice President

URS Corporation – North Carolina

6000 Fairview Road, Suite 200
Charlotte, NC 28210
Direct Line: 704-716-0730
Cell: 980-721-2792
rob.macwilliams@urs.com

May 6, 2013

Mr. Matthew Aufman
North Carolina Department of Environment and Natural Resources
1646 Mail Service Center
Raleigh, North Carolina 27699-1646

Re: Request to Discontinue Work Under existing Administrative Agreement
DuPont-Kentec Site
4610 Braxton Road
Grifton, North Carolina
Site ID No. NONCD 002818
URS Project No. 18985580

Dear Mr. Aufman:

As documented in the Quarterly Progress Report, dated April 8, 2013, URS, DuPont Corporate Remediation Group (DuPont) and Unifi Kinston, LLC (Unifi) herein provide this formal notification that DuPont and Unifi are electing to temporarily discontinue work under the existing Administrative Agreement (AA) for Registered Environmental Consultant-Directed Assessment and Remedial Action, as entered into between DuPont, Unifi and the NCDENR Division of Waste Management (Division) on June 4, 2010. The temporary discontinuation of ongoing activities pursuant to the assessment and remedial requirements of N.C.G.S. 130A-310.9(c) and 15A NCAC 13C .0300 is necessary as review of the profuse site characterization data generated to date under the oversight and supervision of the NCDENR Aquifer Protection Section through 2005 indicates that additional investigation is still warranted to supplement limited soil quality data generated following soil excavation activities completed at the site pre 1991. Furthermore, updated groundwater use and/or groundwater quality information is warranted on adjacent properties to close data gaps that are now apparent following review of the available data set.

It is DuPont and Unifi's goal to expeditiously complete the remaining assessment activities necessary to meet the requirements of remedial investigation pursuant to .0306(b). Pending the completion of the additional assessment activities to the satisfaction of URS, DuPont and Unifi, the site will enter into a new AA with the Division with the understanding that the allotted time to complete the REC Program deadlines will continue from the dissolution of the initial AA.

In accordance with Section IV (E) of the June 4, 2010 AA, this submittal includes information and data that has been collected to date which has not yet been submitted to the Division in a certified document. Specifically, in accordance with the certified August 8, 2011 Groundwater Sampling Notification per Corrective Action Plan Modification, dated October 2005, groundwater and surface water samples were collected from the site in September 2011. This data is provided herein in Attachment A.

URS Corporation-North Carolina
6000 Fairview Road, Suite 200
Charlotte, North Carolina 28210
(704) 522-0330 Phone
(704) 522-0063 Fax

As the site is temporarily discontinuing work under the AA for Registered Environmental Consultant-Directed Assessment and Remedial Action, DuPont and Unifi will not remit payment for the FY 2013-2014 Annual REC Administrative Fee as invoiced on April 19, 2013. DuPont and Unifi will remit payment on any fees associated with entering into a new AA with the Division as well as continued administrative fees at that time.

-oOo-

The required certifications by the remediating parties and the REC are attached. Please call me at (704)522-0330 with any questions.

Sincerely,

URS CORPORATION – NORTH CAROLINA

Robert H. MacWilliams, PG
Registered Site Manager

Attachments
cc: Stephen Shoemaker-DuPont
James Henderson-DuPont
Mark Harder-Parsons
Alan Heltzel-Unifi
Andy Clark-AMEC
Project File (hard copy)

REC PROGRAM DOCUMENT CERTIFICATION FORM - PAGE 1 OF 2
IHSB SITE NAME Former DuPont Kentec Facility
DATE & NAME OF DOCUMENT Withdrawal Letter and Data Submittal
TYPE OF SUBMITTAL (circle all that apply): Report, Work plan, Work Phase Comp. Statement, Schedule Change

REMEDIATING PARTY DOCUMENT CERTIFICATION STATEMENT (.0306(B)(2))

"I certify under penalty of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

Stephen H. Shoemaker
Name of Remediating Party

Signature of Remediating Party

5/7/2013
Date

NOTARIZATION

NC (Enter State)
Mecklenburg COUNTY

I, Felicia Goff, a Notary Public of said County and State, do hereby certify that Stephen Shoemaker did personally appear and sign before me this day, produced proper identification in the form of NC Drivers License was duly sworn or affirmed, and declared that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 7th day of May, 2013

Notary Public (signature)

My commission expires: March 11, 2018

(OFFICIAL SEAL)

FELICIA GOFF
MY COMMISSION EXPIRES
NOTARY
PUBLIC
MARCH 11, 2018
MECKLENBURG CO., NC

Document Certification Form No. DC - I
(Revised 8/11)

IHSB SITE NAME Former DuPont Kentec Facility

DATE & NAME OF DOCUMENT Withdrawal Letter and Data Submittal

TYPE OF SUBMITTAL (circle all that apply): Report, Work plan, Work Phase Comp. Statement, Schedule Change

REMEDIATING PARTY DOCUMENT CERTIFICATION STATEMENT (.0306(B)(2))

"I certify under penalty of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

ALAN S. HELTZEL, JR.
Name of Remediating Party

Signature of Remediating Party

5/7/13
Date

NOTARIZATION

NC (Enter State)

Yadkin **COUNTY**

I, Dana M Moxley, a Notary Public of said County and State, do hereby certify that Alan S Heltzel Jr did personally appear and sign before me this day, produced proper identification in the form of NCDL, was duly sworn or affirmed, and declared that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 7 day of May, 2013.

Dana M Moxley
Notary Public (signature)

(OFFICIAL SEAL)

My commission expires: 3-27-16

DANA M MOXLEY
Notary Public
North Carolina
Yadkin County

IHSB SITE NAME Former DuPont Kentec Facility
DATE & NAME OF DOCUMENT Withdrawal Letter and Data Submittal
TYPE OF SUBMITTAL (circle all that apply): Report, Work plan, Work Phase Comp. Statement, Schedule Change

REGISTERED SITE MANAGER CERTIFICATION OF SIGNATURES

As the Registered Environmental Consultant for the Site for which this filing is made, I certify that the signatures included herewith are genuine and authentic original handwritten signatures and/or true, accurate, and complete copies of the genuine and authentic original handwritten signatures of the persons who purport to sign for this filing. I further certify that I have collected through reliable means the originals and/or copies of said signatures from the persons authorized to sign for this filing who, in fact, signed the originals thereof. Those persons and I understand and agree that any copies of signatures have the same legally binding effect as original handwritten signatures, and I certify that any person for whom I am submitting a copy of their signature has provided me with their express consent to submit said copy. Additionally, I certify that I am authorized to attest to the genuineness and authenticity of the signatures, both originals and any copies, being submitted herewith and that by signing below, I do in fact attest to the genuineness and authenticity of all the signatures, both originals and copies, being submitted for this filing.

Robert MacWilliams
Name of Registered Site Manager

Signature of Registered Site Manager — Date 5/8/2013

REGISTERED SITE MANAGER DOCUMENT CERTIFICATION STATEMENT (.0306(b)(1))

"I certify under penalty of law that I am personally familiar with the information contained in this submittal, including any and all supporting documents accompanying this certification, and that the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete and complies with the Inactive Hazardous Sites Response Act G.S. 130A-310, et seq, and the remedial action program Rules 15A NCAC 13C .0300. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

Robert MacWilliams
Name of Registered Site Manager

Signature of Registered Site Manager — Date 5/8/2013

NOTARIZATION

NORTH CAROLINA (Enter State)
UNION COUNTY

I, PAMELA HALL, a Notary Public of said County and State, do hereby certify that ROBERT MACWILLIAMS did personally appear and sign before me this day, produced proper identification in the form of NCDL, was duly sworn or affirmed, and declared that, he or she is the duly authorized environmental consultant of the remediating party of the property referenced above and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certifications is true and accurate, and he or she then signed these Certifications in my presence.

WITNESS my hand and official seal this 8TH day of MAY, 2013.

Pamela Hall
Notary Public (signature) (OFFICIAL SEAL)

My commission expires: 08/01/13.

PARSONS

Ground- and Surface Water Monitoring Report (2007 – 2011)

Kentec SITE
Grifton, North Carolina

Prepared for:

E. I. du Pont de Nemours and Company
Corporate Remediation Group
6324 Fairview Road
Charlotte, North Carolina

Prepared by:

PARSONS
4701 Hedgemore Drive
Charlotte, North Carolina

August 2012

Parsons PN 445333

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PROFESSIONAL SIGNATURES AND SEALS

Professional Geologist

Professional Geologist	NC Geologist License number	Expiration date
Marc W. Harder	1763	June 30, 2013
Signature	Date	
Marc W. Harder	5/10/13	

Telephone number	FAX number	E-mail
(704) 558-4199	(704) 529-0374	Marc.Harder@parsons.com

DOCUMENT: Ground- and Surface Water Monitoring Report (2007 – 2011), Kentec Site, Grifton, North Carolina

Seals, as applicable:

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TABLE OF CONTENTS

1.0 Introduction 1
2.0 Background 3
2.1 Site Setting and History 3
2.2 Groundwater Monitoring Program 3
3.0 Groundwater Sampling 5
3.1 Scope of Work 5
3.2 Sampling Procedures 5
3.2.1 Collection, Preservation, and Handling of Samples 5
3.2.2 Field Quality Control Samples 6
4.0 Groundwater Results 7
4.1 Potentiometric Surface 7
4.2 Analytical Results 7
5.0 Conclusions and Recommendations 9
6.0 References 11

FIGURES

Figure 1 Site Location Map
Figure 2 Sample Location Map
Figure 3 Potentiometric Map (September 2011)
Figure 4 Data Post Map for 1,4-Dioxane (2007, 2008, 2009, 2011)
Figure 5 Data Post Map for 1,1-Dichloroethene (2007, 2008, 2009, 2011)

TABLES

Table 1 Monitoring Well Field Parameters (November 2007)
Table 2 Monitoring Well Field Parameters (November 2008)
Table 3 Monitoring Well Field Parameters (December 2009)
Table 4 Monitoring Well Field Parameters (September 2011)
Table 5 Monitoring Well Groundwater Elevation Data (November 2007)
Table 6 Monitoring Well Groundwater Elevation Data (November 2008)
Table 7 Monitoring Well Groundwater Elevation Data (December 2009)
Table 8 Monitoring Well Groundwater Elevation Data (September 2011)
Table 9 Historical Concentrations of 1,4-Dioxane in Groundwater
Table 10 Historical Concentrations of 1,1-Dichloroethene in Groundwater

APPENDICES

Appendix A Laboratory Analytical Data (2007, 2008, 2009, and 2011)

ACRONYMS

Acronym	Definition / Description
1,1-DCA	1,1-Dichloroethane
1,1-DCE	1,1-Dichloroethene
CAP	Corrective Action Plan
DuPont	E. I. du Pont de Nemours and Company
MDL	Method detection limit
µg/L	Micrograms per liter
NCDENR	North Carolina Department of Environment and Natural Resources
PQL	Practical quantitation limit
USEPA	United States Environmental Protection Agency

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1.0 INTRODUCTION

This report documents the results of the groundwater and surface water monitoring program at the Kentec Facility located in Grifton, North Carolina (Figure 1). The monitoring program was established under a modification to the Corrective Action Plan (CAP) implemented by E. I. du Pont de Nemours and Company (DuPont) and overseen by the North Carolina Department of Environment and Natural Resources (NCDENR). DuPont submitted the modification to the CAP in October 2005 and the NCDENR approved it on January 31, 2006.

On June 4, 2010, DuPont Corporate Remediation Group (DuPont) and Unifi Kinston, LLC (Unifi) entered into an Administrative Agreement (AA) for Registered Environmental Consultant-Directed Assessment and Remedial Action pursuant to N.C.G.S. 130A-310.9(c) and 15A NCAC 13C.0300 for the site. This report documents the results of sampling events that were completed in 2007, 2008, and 2009 prior to the AA and in 2011 after the AA was initiated. The sampling events were completed in accordance with the sampling requirements put forth in the CAP Modification (MOD).

On August 8, 2011, URS submitted a Groundwater Sampling Notification per the CAP MOD to Ms. McDonald of the NCDENR informing the REC Program that groundwater sampling activities were scheduled to occur in 2011. From September 12 to 14, 2011, groundwater and surface water samples were collected from eighteen (18) monitoring wells and four (4) surface water sampling points as specified in the CAP MOD. This report documents the sampling activities completed in September 2011 as well as in November 2007, November 2008, and December 2009. The results from these four sampling events have not been previously submitted to the NCDENR. Included within this report is an evaluation of groundwater and surface water analytical data as well as tabulation and graphical depiction of the results in respect to groundwater flow dynamics.

The information provided in this report is divided into several sections in addition to this introduction. Site background details are included in Section 2, groundwater sampling scope and procedures are provided in Section 3, data results are presented in Section 4 and conclusions and recommendations are provided in Section 5. Section 6 contains references used in the production of the report.

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2.0 BACKGROUND

2.1 Site Setting and History

The Kentec plant (the Site) is located approximately two miles from the DuPont Kinston site on Braxton Road near Grifton, North Carolina. The plant was originally owned by James Enterprises who began operations at the Site in 1969. DuPont purchased the Site from James Enterprises in late 1981 and operated it as a parts cleaning facility until it was transferred to Invista S.A.R.L., a subsidiary of Koch Industries in 2004. The Site is currently owned by Unifi Kinston LLC.

During DuPont operations, the plant cleaned packs, powdered metal, and spinnerets used in the manufacture of Dacron®. The cleaning process consisted of dipping parts in triethylene glycol to remove the byproducts of the Dacron® process and then rinsing the parts with water. The rinse water was collected in the onsite wastewater treatment system and discharged to an adjacent unnamed tributary via a National Pollutant Discharge Elimination System permit. Spent glycols were sent offsite for recycling and subsequently returned to the Site for re-use.

CH2M Hill conducted a groundwater assessment of the Site between April 1987 and December 1990 (CH2M Hill 1991). Results of this investigation indicated that shallow groundwater beneath the Kentec plant was contaminated with 1,4-dioxane, 1,1-dichloroethene (1,1-DCE), and 1,1-dichloroethane (1,1-DCA) for which there were seven potential sources, all of which were removed and/or addressed during the course of the site assessment. Results of the assessment also indicated that the above listed contaminants had migrated beyond the boundaries of the Kentec facility, although the underlying Peedee aquifer had not been impacted.

As previously mentioned in Section 1.0, DuPont and Unifi have entered into an Administrative Agreement with the NCDENR. The agreement constitutes a voluntary cleanup of the Site as directed by a Registered Environmental Consultant (REC). Most of the steps required under the Administrative Agreement have already been completed for this Site.

2.2 Groundwater Monitoring Program

The groundwater program was being conducted to monitor the effectiveness of corrective actions and related hydrologic conditions, and included the following tasks:

- Annual collection and analysis of groundwater samples from 18 site monitoring wells (13 shallow wells and five deep wells)
- Annual collection and analysis of four surface water samples
- Annual measurement of water levels from shallow monitoring wells at the Site (MW-1, MW-3, MW-4A, MW-6, MW-7A, MW-9, MW-10A, MW-11A, MW-12A, MW-14A, MW-15, MW-16 and MW-19; see Figure 2)
- Evaluation of analytical results and water levels with regard to historic data, CAP requirements, and site hydrologic conditions.

The five deep wells included in the program (MW-4B, MW-7B, MW-10B, MW-11B, and MW-14B; see Figure 2) monitor the upper portion of the Peedee aquifer. Samples from all 18 wells were analyzed for 1,4-dioxane and 1,1-DCE according to United States Environmental Protection Agency (USEPA) Method 8270C and EPA Method 8260B,

respectively. In addition, the following water quality parameters were collected in the field: pH, temperature, specific conductance, turbidity, oxidation/reduction potential (redox), and dissolved oxygen. The CAP MOD listed only 1,4-dioxane and 1,1-DCE as constituents of concern since the concentrations of 1,1-DCA detected in groundwater were more than 50 times less than the NC 2L standard. As stated in the CAP MOD, the primary focus of corrective action is 1,4-dioxane since the detections of 1,1-DCE in groundwater were below the NC 2L standard.

Water level measurements were collected from all shallow monitoring wells in November 2007, November 2008, December 2009, and September 2011 to detect any changes to the groundwater potentiometric surface that may affect enhanced natural attenuation (undertaken as a corrective measure at the Site).

Four surface water samples (SW-9, SW-11, SW-24, and SW-29) were collected at the Site during each sampling event (Figure 2). These samples were collected from the unnamed tributary to the west and the Beaverdam Branch south of the Site. Surface water samples were analyzed for 1,4-dioxane and 1,1-DCE (same as the groundwater samples).

3.0 GROUNDWATER SAMPLING

This section of the report summarizes the scope of work and sampling procedures used during groundwater sampling events between 2007 and 2011.

3.1 Scope of Work

Specific groundwater monitoring tasks included:

- Collection of groundwater elevation data
- Collection and analysis of groundwater samples from monitoring wells as directed by the CAP Modification (MOD) approved by NCDENR on January 31, 2006
- Evaluation of analytical results and water levels in light of historic data, CAP MOD requirements, and site hydrologic conditions

3.2 Sampling Procedures

Low-flow sampling techniques via peristaltic pump were used to sample 18 existing monitoring wells. The locations of the monitoring wells sampled are shown on Figure 2. Groundwater was pumped from each well until measured water quality parameters (pH, temperature, specific conductivity, dissolved oxygen, redox, and turbidity) varied less than 10 percent between measurements. Dedicated silicon and polyethylene tubing were used at each well location. Surface water samples were collected using a Teflon scooper and handle. The scooper was cleaned prior to use at each surface water sample location by washing it with phosphate-free soap and water followed by a deionized water rinse. Field parameters for the November 2007, November 2008, December 2009, and September 2011 sampling events are summarized on Tables 1, 2, 3, and 4, respectively.

General field procedures used to obtain the groundwater samples during each sampling event are described below:

- New, disposable, chemically-inert tubing was placed into the well water column to the target sampling depth. This tubing was then connected to new, disposable, flexible, chemically-inert tubing in the peristaltic pump head.
- Water was removed from the well with the peristaltic pump into a flow-through cell that housed the field parameter probes.
- Depth-to-water levels were measured during sampling.
- Upon purge completion, sample containers were filled directly from the pump discharge tubing.
- To prevent cross-contamination between wells, clean disposable nitrile gloves were worn and were changed at every sampling location.
- All non-dedicated, disposable sampling equipment was disposed of after sampling each well.

3.2.1 Collection, Preservation, and Handling of Samples

Samples were collected into pre-preserved sample containers and ice was used to maintain the samples at a cool temperature (approximately 4°C ± 2°C) from the time of

collection until the coolers arrived at the laboratory. Each individual sample container was sealed according to laboratory specifications prior to being placed in the cooler. The ice was wrapped in a heavy-duty plastic bag that was placed directly in contact with the sample containers. Plastic “bubble wrap” was also used as padding to prevent sample container breakage. Clean, disposable gloves were worn during the handling of all samples and sampling devices.

3.2.2 Field Quality Control Samples

Field duplicate samples were collected to evaluate the precision of the field sampling procedures. Duplicate samples were collected by alternately filling sample containers with the same sampling device/method at the same location for each parameter. The duplicate samples were then transferred to the laboratory and analyzed for the same parameters as the original samples.

Equipment blank samples and trip blank samples were used to identify potential sources of cross-contamination during each sampling event. Equipment blanks (field rinsate blanks) were used to evaluate equipment cleaning and/or decontamination procedures. Equipment blank samples were prepared by passing analyte-free, organic-free water over or through the sample collection device and into a sample container and preserving the container as appropriate. Trip blank samples were analyzed only for volatile organic compounds and consisted of sample containers filled at the laboratory with analyte-free, organic-free water. The trip blanks traveled to the Site with the empty sample bottles and back from the Site with the collected samples in an effort to simulate sample handling conditions. Trip blanks were not opened in the field. All blank samples were handled, transported, and analyzed in the same manner as the actual field samples.

Any positive detections in the investigative samples that were not significantly above concentrations observed in the associated blank samples were flagged with a “B” qualifier (identifying that they are unreliable concentrations), and the results were not carried forward for further discussion.

4.0 GROUND- AND SURFACE WATER MONITORING RESULTS

4.1 Potentiometric Surface

Water level measurements were recorded from the 13 shallow monitoring wells in November 2007, November 2008, December 2009, and September 2011. Groundwater elevations were calculated by subtracting the depth to water from the surveyed elevation of a measuring point at the top of each well casing and manhole. Groundwater elevation data for the 2007, 2008, 2009 and 2011 events are presented on Tables 5, 6, 7, and 8, respectively.

The potentiometric surface of the shallow aquifer (as measured in September 2011) is depicted on Figure 3. The potentiometric map shows that the groundwater flow direction is to the southwest toward nearby surface water drainage features (unnamed tributary and Beaverdam Branch). The map shows that the groundwater gradient steepens to the south toward monitoring well MW-19 and the Beaverdam Branch. This contour pattern mimics the area topography.

4.2 Analytical Results

As documented on Table 9 and illustrated on Figure 4, the analytical results show that, over the past four sampling events, the highest concentrations of 1,4-dioxane in groundwater have been detected at monitoring wells MW-4A, MW-6, and MW-19. Monitoring wells MW-4A and MW-6 are both located near the center of the property, while MW-19 is located to the south of the production facility (Figure 2). The concentration of 1,4-dioxane in groundwater at MW-4A has remained stable over the past four sampling events, fluctuating between 240 micrograms per liter (µg/L) and 370 µg/L. The same is true for the concentrations of 1,4-dioxane in groundwater at MW-6, which have fluctuated between 83 µg/L and 350 µg/L. Meanwhile, the concentration of 1,4-dioxane in groundwater at MW-19 (located near the Beaverdam Branch) has increased slightly from 130 µg/L in 2007 to 223 µg/L in 2011. The concentrations of 1,4-dioxane in groundwater at all three well locations (MW-4A, MW-6, and MW-19) are consistent with historical data and within the normal range of variations since 2006 (Table 9). Analytical data indicate that, over the past four years, the concentrations of 1,4-dioxane in groundwater have been slightly above the NC 2L standard (3 µg/L) at the following monitoring well locations: MW-1, MW-3, MW-7A, MW-10A, MW-10B, MW-11A, MW-14A, and MW-15. Several of the detections associated with these monitoring wells are “J” flagged, indicating that it is an estimated value (between the practical quantitation limit [PQL] and method detection limit [MDL]). Historical concentrations of 1,4 dioxane in groundwater from 1999 to 2011 are provided in Table 9.

During the last four sampling events, 1,1-DCE was detected in groundwater at low concentrations (below the NC 2L standard of 7 µg/L) at the following monitoring well locations: MW-3, MW-4A, MW-6, MW-7A, MW-10A and MW-15. Several of the detections were “J” flagged, indicating that the value is estimated (between the PQL and MDL). Historical concentrations of 1,1 DCE in groundwater from 1999 to 2011 are provided in Table 10 and depicted in Figure 5.

Surface water samples were also collected in November 2007, November 2008, December 2009, and September 2011. During these four sampling events, all four surface water samples (SW-9, SW-11, SW-24, and SW-29) contained 1,4-dioxane. However, all concentrations of 1,4-dioxane in surface water samples have remained below the NC 2B standard of 80 µg/L with the exception of SW-24 in 2009. In 2009, the

concentration of 1,4-dioxane at SW-24 was 121 µg/L (Table 9). However, in 2011, the concentration of 1,4-dioxane at SW-24 had decreased to 60.2 µg/L. SW-24 is located downstream of the Site from the unnamed tributary that flows into the Beaverdam Branch (Figure 2). The CAP MOD states that in order for monitored natural attenuation to be an acceptable remedy, "groundwater discharge will not possess contaminant concentrations that would result in violations of standards for surface waters contained in 15A NCAC 2B.0200". Out of seven surface water samples collected at SW-24 since 2006, only one sample exceeded the NC 2B standard (Table 9). Nevertheless, in the future, surface water samples collected at SW-24 will be carefully evaluated to make sure that concentrations remain below the NC 2B standard.

In 2008 and 2011, 1,1-DCE was detected in one surface water sample (SW-24) at a concentration of less than 1 µg/L. These concentrations were J-flagged indicating that they are estimated values between the MDL and PQL (Table 10, Figure 5).

5.0 CONCLUSIONS AND RECOMMENDATIONS

Based on data presented in this and previous reports, the following conclusions and recommendations are offered:

Conclusions

- Based on analytical data collected during the last four sampling events (November 2007, November 2008, December 2009, and September 2011), concentrations of 1,4-dioxane and 1,1-DCE in groundwater/surface water are consistent with historical data and any increase or decrease in concentration is within the normal range of variations.
- Potentiometric data is consistent with previous sampling events, indicating that groundwater flows to the southwest.
- Although 1,4-dioxane has been detected in groundwater at several monitoring well locations, concentrations of this compound in surface water samples have remained below the NC 2B standard of 80 ug/L. The only exception is in 2009 when 1,4-dioxane was detected in one surface water sample (SW-24) at a concentration of 121 ug/L.

Recommendations

- The Site was transferred over to the REC program within the Inactive Sites Branch of NCDENR in June 2010. The REC program will be responsible for determining future monitoring and reporting requirements.
- Continue to build an analytical database for trend analysis of 1,4-dioxane and 1,1-DCE in groundwater and surface water.
- Closely monitor the concentration of 1,4-dioxane in surface water at sample location SW-24.

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6.0 REFERENCES

CH2M Hill. April 1991. Kentec Groundwater Assessment Report.

DuPont Corporate Remediation Group, October 2005. *Corrective Action Plan Modification*, Former DuPont Kentec Facility, Revision 1.

NCDENR, 2006. *Corrective Action Plan (CAP) Approval,* Letter from NCDENR to DuPont dated January 31, 2006.

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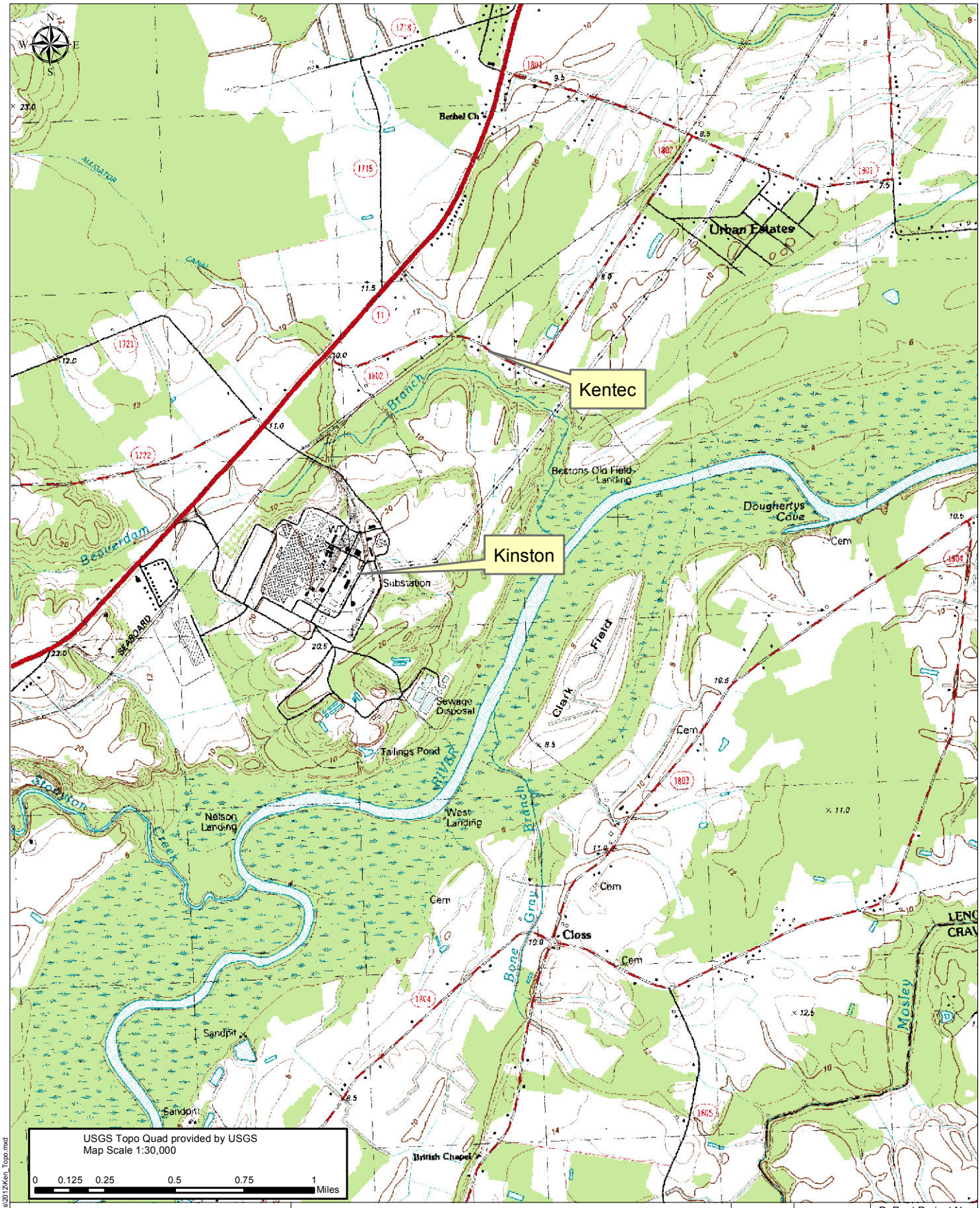
FIGURES



PARSONS

4701 Hedgemore Dr.
Charlotte, NC 28209

Site Location
Kentec Plant
Grifton North Carolina

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Revision:	Figure No.: 1	Parsons Project No.: 445333.02012
File Name: Ken_Topo		

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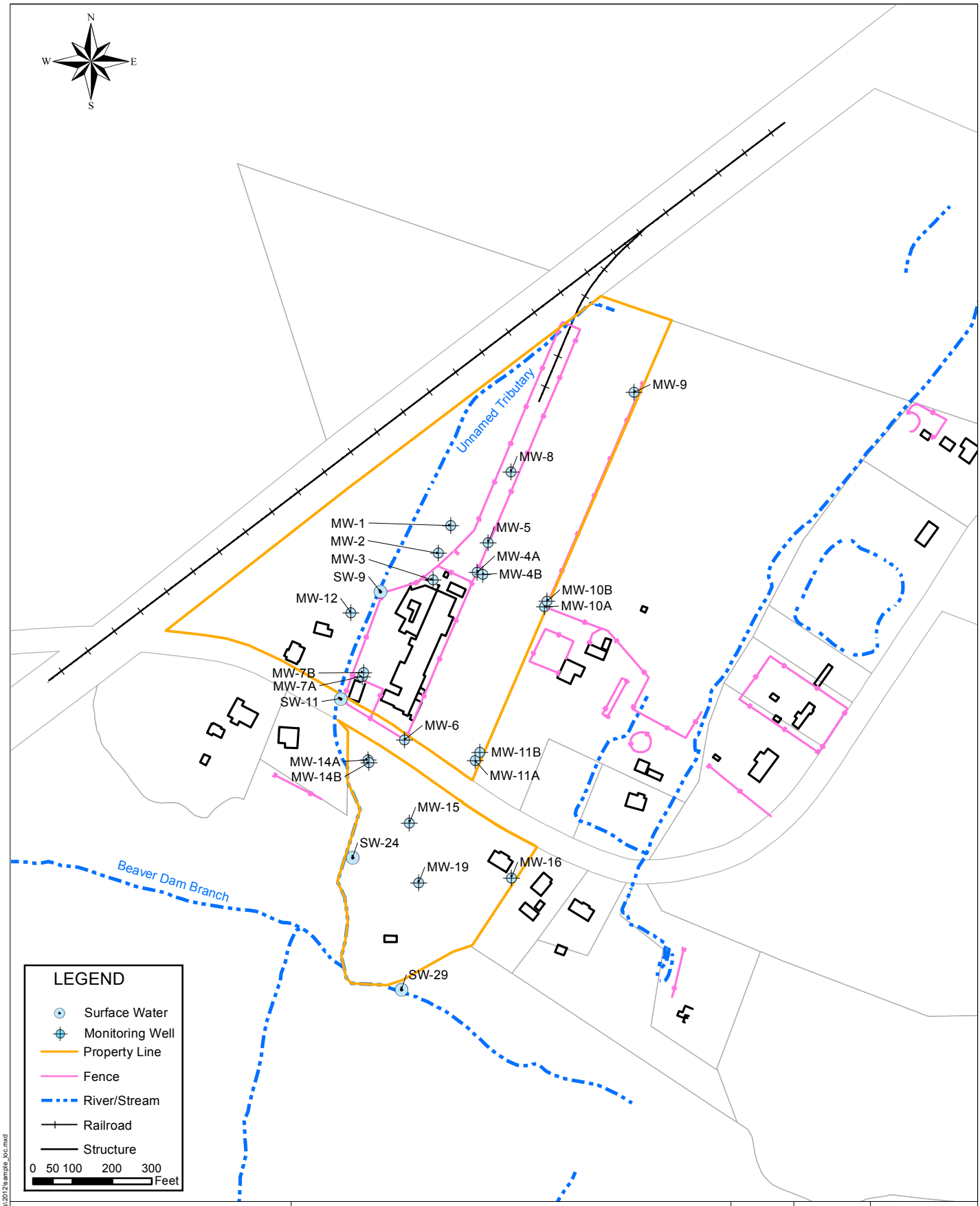

PARSONS

4701 Hedgemore Dr.
Charlotte, NC 28209

Sample Location Map
Kentec Plant
Grifton North Carolina

Drawn: C. Oneal	Date: 5/24/2012	DuPont Project No.:
Revision:	Figure No.: 2	Parsons Project No.: 445333.02012
File Name: sample_loc		

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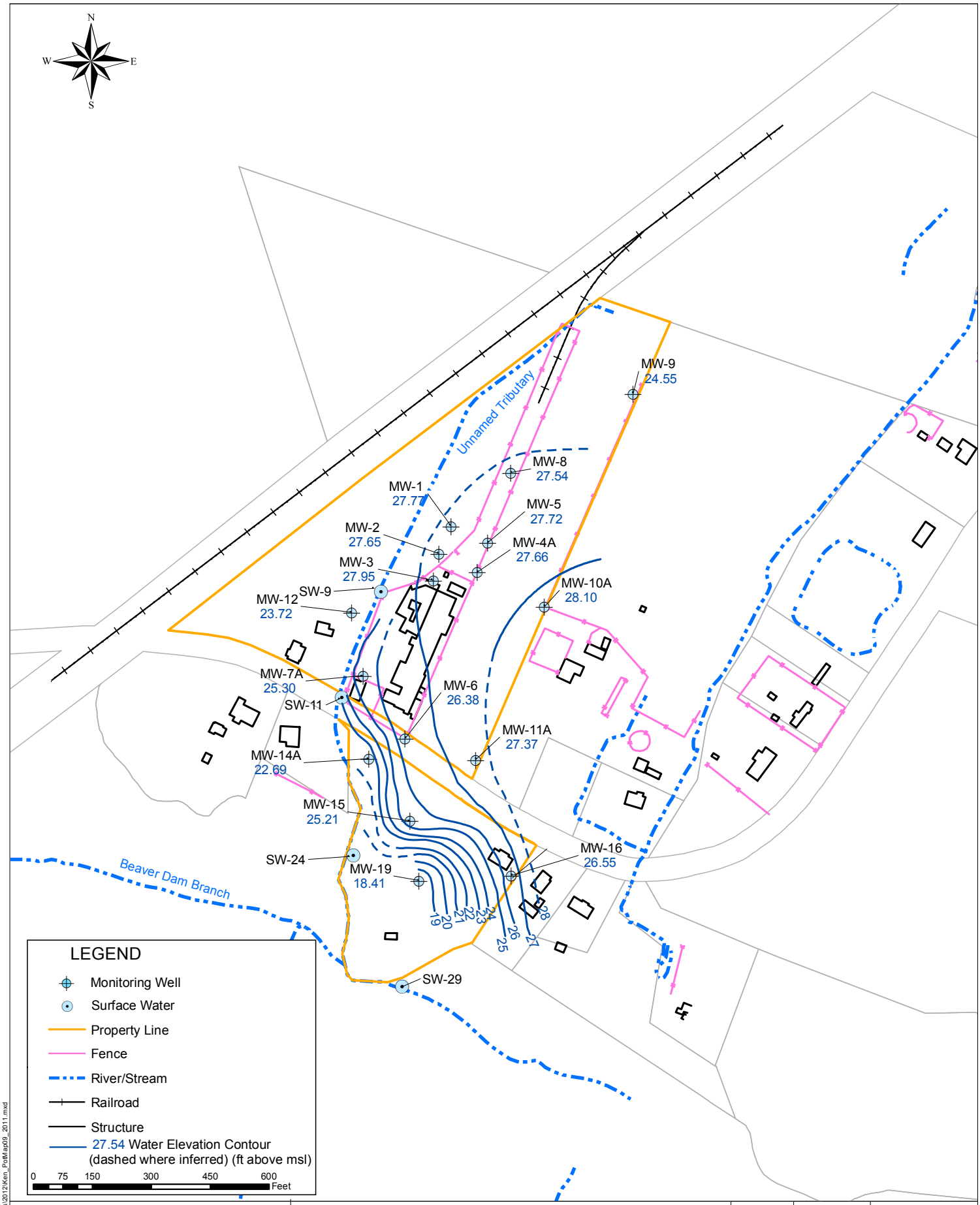

PARSONS

Parsons-Commercial Technology Group

4701 Hedgemore Dr.
Charlotte, NC 28209

TITLE: Potentiometric Map (September 2011)
Kentec Plant
Grifton North Carolina

Drawn: C. Oneal	Date: 8/1/2012	DuPont Project No.:
Revision:	Figure No.: 3	Parsons Project No.: 445333.02012
File Name: Ken_PotMap09_2011		

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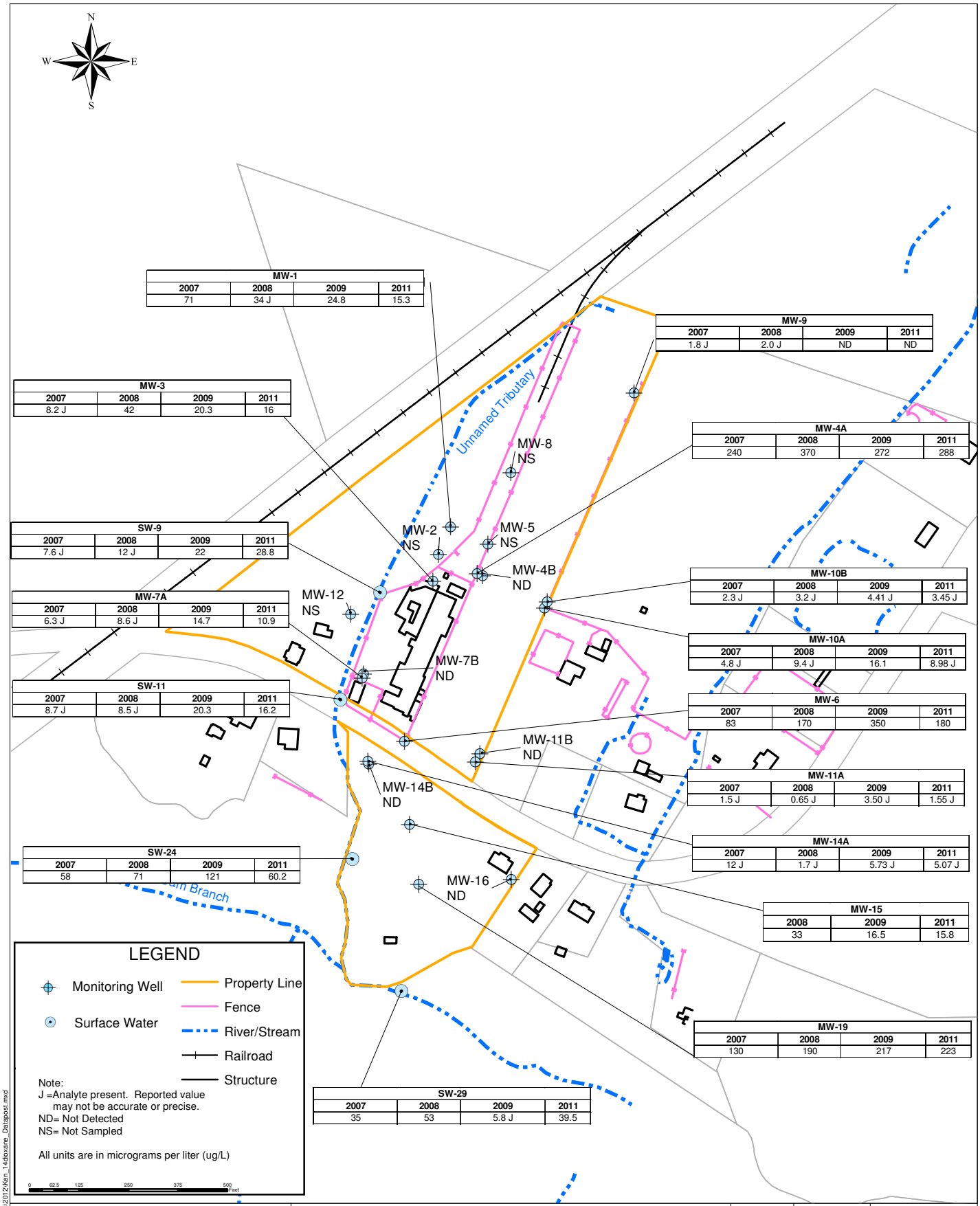

MW-1			
2007	2008	2009	2011
71	34 J	24.8	15.3

MW-9			
2007	2008	2009	2011
1.8 J	2.0 J	ND	ND

MW-3			
2007	2008	2009	2011
8.2 J	42	20.3	16

MW-4A			
2007	2008	2009	2011
240	370	272	288

SW-9			
2007	2008	2009	2011
7.6 J	12 J	22	28.8

MW-10B			
2007	2008	2009	2011
2.3 J	3.2 J	4.41 J	3.45 J

MW-7A			
2007	2008	2009	2011
6.3 J	8.6 J	14.7	10.9

MW-10A			
2007	2008	2009	2011
4.8 J	9.4 J	16.1	8.98 J

SW-11			
2007	2008	2009	2011
8.7 J	8.5 J	20.3	16.2

MW-6			
2007	2008	2009	2011
83	170	350	180

MW-11A			
2007	2008	2009	2011
1.5 J	0.65 J	3.50 J	1.55 J

MW-14A			
2007	2008	2009	2011
12 J	1.7 J	5.73 J	5.07 J

SW-24			
2007	2008	2009	2011
58	71	121	60.2

MW-15		
2008	2009	2011
33	16.5	15.8

MW-19			
2007	2008	2009	2011
130	190	217	223

SW-29			
2007	2008	2009	2011
35	53	5.8 J	39.5

PARSONS

4701 Hedgemore Dr.
Charlotte, NC 28209

Data Post Map for 1,4-Dioxane (2007, 2008, 2009, 2011)
Kentec Plant
Grifton North Carolina

Drawn: C. Oneal	Date: 8/8/2012	DuPont Project No.:
Revision:	Figure No.: 4	Parsons Project No.: 445333.05012
File Name: Ken_14dioxane_Datapost		

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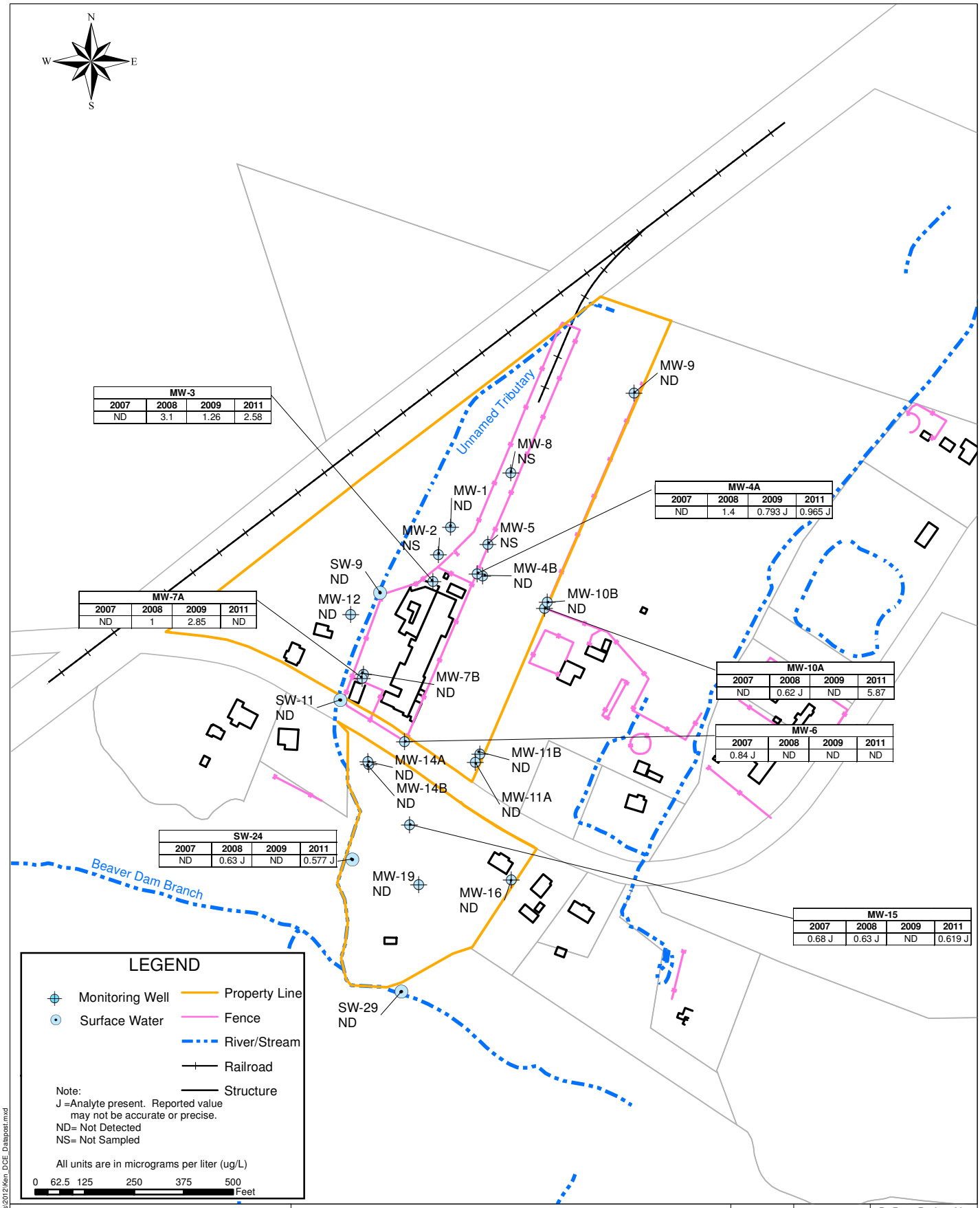

MW-3			
2007	2008	2009	2011
ND	3.1	1.26	2.58

MW-4A			
2007	2008	2009	2011
ND	1.4	0.793 J	0.965 J

MW-7A			
2007	2008	2009	2011
ND	1	2.85	ND

MW-10A			
2007	2008	2009	2011
ND	0.62 J	ND	5.87

MW-6			
2007	2008	2009	2011
0.84 J	ND	ND	ND

SW-24			
2007	2008	2009	2011
ND	0.63 J	ND	0.577 J

MW-15			
2007	2008	2009	2011
0.68 J	0.63 J	ND	0.619 J

PARSONS

4701 Hedgemore Dr.
Charlotte, NC 28209

Data Post Map for 1,1-Dichloroethene (2007,2008,2009,2011)
Kentec Plant
Grifton North Carolina

Drawn: C. Oneal	Date: 8/8/2012	DuPont Project No.:
Revision:	Figure No.: 5	Parsons Project No.: 445334.02012
File Name: Ken_DCE_Datapost		

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TABLES

Table 1
Monitoring Well Field Parameters (November 2007)
Ground- and Surface Water Monitoring Report (2007 - 2011)
Kentec Site
Grifton, North Carolina

SAMPLE (WELL ID)	DATE SAMPLED	TIME SAMPLED	WATER LEVEL (ft BTOC)	pH	TEMP (C)	SPECIFIC CONDUCTANCE (mS/cm)	DISSOLVED OXYGEN (mg/l)	REDOX (mV)	TURBIDITY (ntu)
MW-1	10/31/2007	1007	5.99	6.76	22.38	1.520	2.68	-51	12.00
MW-3	10/31/2007	1111	4.19	6.84	21.43	2.030	2.56	-153	17.00
MW-4A	10/31/2007	1324	7.96	6.89	23.18	2.750	2.83	-161	1.70
MW-4B	10/31/2007	1425	12.15	7.04	20.77	2.910	3.29	-30	15.00
MW-6	10/30/2007	1818	6.95	6.38	21.11	0.807	2.33	-70	2.32
MW-7A	10/31/2007	810	6.07	6.47	21.13	1.510	3.27	118	5.30
MW-7B	10/31/2007	911	9.22	7.31	20.67	1.850	3.10	78	0.00
MW-9	11/1/2007	809	8.27	5.22	20.87	0.972	3.17	237	1.40
MW-10A	11/1/2007	858	7.74	5.86	20.64	1.310	2.07	121	0.40
MW-10B	11/1/2007	945	12.08	10.67	18.68	0.763	4.72	-98	0.20
MW-11A	11/1/2007	1053	7.80	6.21	23.20	0.999	3.89	169	0.45
MW-11B	11/1/2007	1153	12.38	7.23	22.32	1.820	4.09	77	1.30
MW-12	10/30/2012	1734	4.28	6.62	20.12	0.726	2.63	-39	0.00
MW-14A	Not enough water in well to collect parameters								
MW-14B	10/31/2007	1559	NM	7.55	18.55	2.120	2.76	-81	0.00
MW-15	11/1/2007	1343	7.35	6.57	20.34	1.920	2.14	-67	22.00
MW-16	Not enough water in well to collect parameters								
MW-19	11/1/2007	1251	10.94	7.24	19.85	2.350	2.13	-157	0.00

Notes:
ft BTOC = Feet below top of casing
C = Degrees celsius
mV = Millivolts
mS/cm = MilliSiemens per centimeter
mg/l = Milligrams per liter
NTU = Nephelometric turbidity unit

Table 2
Monitoring Well Field Parameters (November 2008)
Ground- and Surface Water Monitoring Report (2007 - 2011)
Kentec Site
Grifton, North Carolina

SAMPLE (WELL ID)	DATE SAMPLED	TIME SAMPLED	WATER LEVEL (ft BTOC)	pH	TEMP (C)	SPECIFIC CONDUCTANCE (mS/cm)	DISSOLVED OXYGEN (mg/l)	REDOX (mV)	TURBIDITY (NTU)
MW-1	11/11/2008	855	6.00	6.40	18.20	0.143	0.00	6	39.70
MW-3	11/11/2008	935	4.18	6.73	17.16	0.167	0.00	-33	211.00
MW-4A	11/11/2008	1250	7.91	7.02	18.76	0.211	0.00	-105	53.40
MW-4B	1/11/2008	1510	10.80	7.56	18.01	0.238	0.00	47	321.00
MW-6	11/12/2008	905	6.65	6.37	18.37	0.171	0.00	-48	267.00
MW-7A	11/11/2008	1030	6.24	6.46	17.57	0.204	0.33	92	15.90
MW-7B	11/11/2008	1115	7.94	7.39	18.70	0.246	0.00	-24	28.20
MW-9	11/11/2008	1335	8.24	5.38	17.92	0.101	2.35	134	228.00
MW-10A	11/11/2008	1410	7.68	6.20	17.91	0.088	4.30	134	29.00
MW-10B	1/11/2008	1440	10.85	10.90	17.87	0.420	4.56	-94	32.30
MW-11A	11/12/2008	745	7.78	6.27	18.07	0.079	5.82	195	44.80
MW-11B	11/12/2008	820	11.20	7.44	18.45	0.246	0.00	135	13.60
MW-12	11/12/2008	1250	4.46	7.00	17.25	0.203	2.03	-53	75.30
MW-14A	11/12/2008	950	6.45	6.01	14.97	0.115	2.70	124	155.00
MW-14B	11/12/2008	1020	4.97	7.83	16.53	0.242	6.29	73	23.00
MW-15	11/12/2008	1215	6.38	6.64	16.17	0.240	0.00	31	24.30
MW-16	11/10/2008	1550	4.82	5.86	17.36	0.041	2.71	165	46.80
MW-19	11/10/2008	1445	10.86	7.19	17.23	0.300	0.00	-101	14.70

Notes:
ft BTOC = Feet below top of casing
C = Degrees celsius
mV = Millivolts
mS/cm = MilliSiemens per centimeter
mg/l = Milligrams per liter
NTU = Nephelometric turbidity unit

Table 3
Monitoring Well Field Parameters (December, 2009)
Ground- and Surface Water Monitoring Report (2007 - 2011)
Kentec Site
Grifton, North Carolina

SAMPLE (WELL ID)	DATE SAMPLED	TIME SAMPLED	WATER LEVEL (ft BTOC)	pH	TEMP (C)	SPECIFIC CONDUCTANCE (mS/cm)	DISSOLVED OXYGEN (mg/l)	REDOX (mV)	TURBIDITY (NTU)
MW-1	12/15/2009	1545	3.25	6.05	17.74	0.129	0.04	13.9	29.3
MW-3	12/15/2009	1650	1.53	6.60	17.78	0.164	0.16	-61.3	16.3
MW-7A	12/16/2009	810	4.77	6.81	15.08	0.271	1.08	6.8	9.3
MW-7B	12/16/2009	900	5.18	8.00	17.10	0.281	0.04	-66.3	3.6
MW-4A	12/16/2009	1000	5.31	7.50	16.84	0.198	0.52	-123.4	9.5
MW-9	12/16/2009	1115	5.11	5.67	0.0091	0.091	3.32	253.5	10.10
MW-10B	12/16/2009	1205	8.15	11.86	16.45	0.424	5.58	49.1	4.0
MW-10A	12/16/2009	1420	5.00	6.67	16.32	0.078	2.23	90.2	11.7
MW-11A	12/16/2009	1515	5.39	6.12	16.31	0.093	4.41	224.4	12.10
MW-11B	12/16/2009	1600	8.41	8.18	0.282	0.282	5.02	274.4	4.1
MW-6	12/16/2009	1645	5.18	6.95	18.51	0.178	0.36	-95.7	33.8
MW-4B	12/16/2009	1730	8.08	8.07	17.68	0.276	0.01	-86.9	2.9
MW-12	12/17/2009	815	3.45	7.14	14.47	0.186	1.09	-17.6	5.7
MW-14A	12/17/2009	935	5.70	6.54	13.20	0.100	3.53	117.7	12.6
MW-14B	12/17/2009	10.15	2.16	8.10	15.26	0.272	0.32	-12.9	4.3
MW-19	12/17/2009	1145	9.17	7.61	16.23	0.359	0.12	-132.9	2.7
MW-16	12/17/2009	1415	2.93	6.23	16.18	0.044	0.96	217.5	13.9
MW-15	12/17/2009	1515	3.40	6.70	14.95	0.209	0.61	-3.9	8.8

Notes:
ft BTOC = Feet below top of casing
C = Degrees celsius
mS/cm = Millisiemens per centimeter; mg/l=milligrams per liter
NTU = Nephelometric turbidity unit
mV = Millivolts

Table 4
Monitoring Well Field Parameters (September 2011)
Ground- and Surface Water Monitoring Report (2007 - 2011)
Kentec Site
Grifton, North Carolina

SAMPLE (WELL ID)	DATE SAMPLED	TIME SAMPLED	WATER LEVEL (ft BTOC)	pH	TEMP (C)	SPECIFIC CONDUCTANCE (mS/cm)	DISSOLVED OXYGEN (mg/l)	REDOX (mV)	TURBIDITY (NTU)
MW-1	9/13/2011	910	3.45	6.29	23.63	0.329	0.27	-68.7	7.63
MW-3	9/13/2011	1010	1.67	6.74	24.52	0.200	0.26	-104.3	33.9
MW-4A	9/13/2011	810	5.34	7.00	22.32	0.266	0.44	-120.3	7.84
MW-4B	9/14/2011	1100	8.98	7.42	21.08	0.308	0.30	-86.9	1.11
MW-6	9/14/2011	953	4.33	6.34	24.22	0.152	0.21	-69.7	18.1
MW-7A	9/14/2011	855	4.88	6.28	25.15	0.503	0.28	2.7	1.25
MW-7B	9/14/2011	800	6.05	7.41	21.34	0.326	0.33	30.8	1.07
MW-9	9/14/2011	1300	5.15	5.04	22.85	0.135	0.41	88.5	2.73
MW-10A	9/14/2011	1455	5.00	6.66	23.36	0.118	0.37	-10.8	5.77
MW-10B	9/14/2011	1405	9.08	10.86	19.89	0.443	4.84	-29.9	1.57
MW-11A	9/14/2011	1755	5.45	5.79	23.90	0.081	3.17	103.8	52.8
MW-11B	9/14/2011	1705	9.37	7.55	22.01	0.328	0.24	6.7	1.00
MW-12	9/14/2011	1550	3.78	6.80	22.47	0.238	0.66	-33.6	1.54
MW-14A	9/13/2011	1610	5.79	5.98	23.37	0.172	0.86	59.4	19.6
MW-14B	9/13/2011	1515	3.18	7.49	19.86	0.317	0.34	-59.8	1.23
MW-15	9/13/2011	1425	3.75	6.55	21.96	0.289	0.27	12.4	7.63
MW-16	9/13/2011	1125	2.95	5.81	23.87	0.179	0.27	99.2	2.38
MW-19	9/13/2011	1335	9.34	7.19	20.19	0.402	0.40	-63.8	1.38

Notes:
ft BTOC = Feet below top of casing
C = Degrees celsius
mV = Millivolts
mS/cm = MilliSiemens per centimeter
NTU = Nephelometric turbidity unit
mg/l = Milligrams per liter

Table 5
Monitoring Well Groundwater Elevation Data (November, 2007)
Ground- and Surface Water Monitoring Report (2007 - 2011)
Kentec Site
Grifton, North Carolina

Monitor Well ID	Groundwater Elevation	TOC Elevation	Depth to Water
MW-1	25.23	31.22	5.99
MW-2	NM	32.23	NM
MW-3	25.43	29.62	4.19
MW-4A	25.04	33.00	7.96
MW-5	NM	32.82	NM
MW-6	23.76	30.71	6.95
MW-7A	24.11	30.18	6.07
MW-8	NM	31.18	NM
MW-9	21.43	29.7	8.27
MW-10A	25.36	33.1	7.74
MW-11A	25.02	32.82	7.80
MW-12	23.22	27.5	4.28
MW-14A	DRY	28.48	DRY
MW-15	21.61	28.96	7.35
MW-16	DRY	29.5	DRY
MW-19	16.81	27.75	10.94

Notes:
NM = Not measured
All elevations referenced in feet above mean sea level
TOC = Top of Casing

Table 6
Monitoring Well Groundwater Elevation Data (November 2008)
Ground- and Surface Water Monitoring Report (2007 - 2011)
Kentec Site
Grifton, North Carolina

Monitor Well ID	Groundwater Elevation	TOC Elevation	Depth to Water
MW-1	25.22	31.22	6.00
MW-2	NM	32.23	NM
MW-3	25.44	29.62	4.18
MW-4A	25.09	33.00	7.91
MW-5	NM	32.82	NM
MW-6	24.06	30.71	6.65
MW-7A	23.94	30.18	6.24
MW-8	NM	31.18	NM
MW-9	21.46	29.7	8.24
MW-10A	25.42	33.1	7.68
MW-11A	25.04	32.82	7.78
MW-12	23.04	27.5	4.46
MW-14A	22.03	28.48	6.45
MW-15	22.58	28.96	6.38
MW-16	24.68	29.5	4.82
MW-19	16.89	27.75	10.86

Notes:
NM = Not measured
All elevations referenced in feet above mean sea level
TOC = Top of Casing

Table 7
Monitoring Well Groundwater Elevation Data (December 2009)
Ground- and Surface Water Monitoring Report (2007 - 2011)
Kentec Site
Grifton, North Carolina

Monitor Well ID	Groundwater Elevation	TOC Elevation	Depth to Water
MW-1	27.97	31.22	3.25
MW-2	27.58	32.23	4.65
MW-3	28.09	29.62	1.53
MW-4A	27.69	33.00	5.31
MW-5	27.60	32.82	5.22
MW-6	25.53	30.71	5.18
MW-7A	25.41	30.18	4.77
MW-8	NM	31.18	NM
MW-9	24.59	29.7	5.11
MW-10A	28.10	33.1	5.00
MW-11A	27.43	32.82	5.39
MW-12	24.05	27.5	3.45
MW-14A	22.78	28.48	5.70
MW-15	25.56	28.96	3.40
MW-16	26.57	29.5	2.93
MW-19	18.58	27.75	9.17

Notes:
NM = Not measured
All elevations referenced in feet above mean sea level
TOC = Top of Casing

Table 8
Monitoring Well Groundwater Elevation Data (September 2011)
Ground- and Surface Water Monitoring Report (2007 - 2011)
Kentec Site
Grifton, North Carolina

Monitor Well ID	Groundwater Elevation	TOC Elevation	Depth to Water
MW-1	27.77	31.22	3.45
MW-2	27.65	32.23	4.58
MW-3	27.95	29.62	1.67
MW-4A	27.66	33.00	5.34
MW-5	27.72	32.82	5.10
MW-6	26.38	30.71	4.33
MW-7A	25.30	30.18	4.88
MW-8	27.54	31.18	3.64
MW-9	24.55	29.7	5.15
MW-10A	28.10	33.1	5.00
MW-11A	27.37	32.82	5.45
MW-12	23.72	27.5	3.78
MW-14A	22.69	28.48	5.79
MW-15	25.21	28.96	3.75
MW-16	26.55	29.5	2.95
MW-19	18.41	27.75	9.34

Notes:
NM = Not measured
All elevations referenced in feet above mean sea level
TOC = Top of Casing

Table 9
Historical Concentrations of 1,4-Dioxane in Groundwater (1999 - 2011)
Ground- and Surface Water Monitoring Report (2007 - 2011)
Kentec Site
Grifton, North Carolina

Date	MW-1	MW-3	MW-4A	MW-4B	MW-6	MW-7A	MW-7B	MW-8	MW-9	MW-10A	MW-10B	MW-11A	MW-11B	MW-12	MW-14A	MW-14B	MW-15	MW-16	MW-19	SW-9	SW-11	SW-24	SW-29
4/13/1999	<150	<150	340	<150	950	170	<150	<150	<150	<150		<150	<150	<150	<150	<150	<150			<150	<150	<150	<150
7/14/1999	<150	<300	460	<150	1200	210	<150	<150	<150	<150		<150	<150	<150	<150	<150	<150			<150	<150	<150	<300
10/27/1999	<150	160	420	<150	1200	590	<150	<150	<150	780		<150	<150	<150	<150	<150	<150			<150	<150	<150	<150
1/11/2000	<150	290	370	<150	940	380	<150	<150	<150	<150		<150	<150	<150	<150	<150	<150			<150	<150	<150	<150
4/13/2000	<150	<150	290	<150	770	370	<150	<150	<150	<150		<150	<150	<150	<150	<150	<150			<150	<150	<150	<150
4/10/2001	<150	190	730	<150	830	370	<150	16 J	<150	<150		<150	<150	<150	<150	<150	<150			<150	<150	<150	<150
1/25/2002	30	100	300	<1.6	1300	59	<1.6	22		19		6.3			34	<1.6	11				8.1		
7/8/2002	83	60	99	<1.6	680	84	<1.6	28		12		2.9			60	<1.6	32				DRY		
4/17/2003	21	120	47	<20	260	93	<19	11		2.8		<21			<20	<21	25				21		
10/22/2003		58	16 J							<1.5		1.5 J			21	<1.5	22						
10/23/2003	32			<1.5	15	120	<1.5	25													15 J		
4/7/2004	25	47	78	<1.5	230	120	<1.6	17 J		<1.6		2.6 J			3.0 J	<1.6	24				9.0 J		
10/14/2004	44	44	120	<1.6	210	17 J	<1.6	24		ND		6.3 J			6.6 J	<1.6	28				15 J		
4/7/2005	62	67	58	<1.5	210	27	<1.6	7.6 J		ND		13 J			2.7 J	<1.6	34				14 J		
10/10/2005	19	42	160	<1	190	48	<1	6		4 J		2 J			7	<1	27				6		
4/19/2006	53	16 J	200	<1.5	330	52	<1.5		<1.5	ND	1.55	5.3 J	<1.5		5.3 J	<1.5	42		180	14 J	11 J	65	7.9 J
7/18/2006	79	63	230	<1.5	220	39	<1.6		<1.6	4.3 J		ND	<1.6	<1.6	8.6 J	<1.6	42		160	NS	NS	NS	NS
11/9/2006	37	41	180	<1.6	220	12 J	<1.5		<1.6	3.2 J	2.05	1.9 J	<1.6	<1.6	7.2 J	<1.6	29		150	3.9 J	6.0 J	27	ND
1/31/2007	17 J	18 J	150	<1.5	300	24	<1.6		<1.6	ND		7.1 J	<1.6	<1.6	ND	<1.6	24		160	NS	NS	NS	NS
4/11/2007	49	16 J	150	<1.5	280	65	<1.6		<1.5	1.9 J		8.5 J	<1.5	<1.5	23	<1.5	23		170	4.5 J	3.8 J	56	44
7/31/2007	66	15 J	300	<1.5	180	15 J	<1.5		<1.6	5.5 J	3.25	5.0 J	<1.6	<1.6	8.0 J	<1.5	24		180	NS	NS	NS	NS
11/1/2007	71	8.2 J	240	<1.4	83	6.3 J	<1.3		1.8 J	4.8 J	2.3 J	1.5 J	<1.4	<1.4	12 J	<1.3	ND		130	7.6 J	8.7 J	58	35
11/11/2008	34 J	42	370	<0.63	170	8.6 J	<0.64		2 J	9.4 J	3.2 J	0.65 J	<0.62	<0.61	1.7 J	<0.62	33	<0.62	190	12 J	8.5 J	71	53
12/16/2009	24.8	20.3	272	<0.612	350	14.7	<0.612		<0.618	16.1	4.41 J	3.50 J	<0.612	<0.612	5.73 J	<0.612	16.5	<0.612	217	22	20.3	121	5.8 J
9/13/2011	15.3	16	288	<0.344	180	10.9	<0.344		<0.344	8.98 J	3.45 J	1.55 J	<0.344	<0.344	5.07 J	<0.344	15.8	0.854 J	223	28.8	16.2	60.2	39.5

Notes:
MW = Monitoring well sample
SW = Surface water sample
ND = Not detected
NS = Not sampled
J =Analyte present. Value is between the method detection limit and the practical quantitation limit. Reported value may not be accurate or precise.
All units are in micrograms per liter (µg/L)

Table 10
Historical Concentrations of 1,1-Dichloroethene in Groundwater (1999-2011)
Ground- and Surface Water Monitoring Report (2007 - 2011)
Kentec Site
Grifton, North Carolina

Date	MW-1	MW-3	MW-4A	MW-4B	MW-6	MW-7A	MW-7B	MW-8	MW-9	MW-10A	MW-10B	MW-11A	MW-11B	MW-12	MW-14A	MW-14B	MW-15	MW-16	MW-19	SW-9	SW-11	SW-24	SW-29
4/13/1999	<5.0	14	<5.0	<5	<5.0	<5.0	<5	<5	<5	<5.0		<5.0	<5	<5	<5.0	<5	<5.0			<5.0	<5.0	<5.0	<5.0
7/14/1999	<5.0	11	<5.0	<5	<20	<5.0	<5	<5	<5	<5.0		<5.0	<5	<5	<5.0	<5	<5.0			<5.0	<5.0	<5.0	<10
10/27/1999	<5.0	<5.0	<5.0	<5	<5.0	<5.0	<5	<5	<5	<5.0		<5.0	<5	<5	<5.0	<5	<5.0			<5.0	<5.0	<5.0	<5.0
1/11/2000	<5.0	<5.0	<5.0	<5	<5.0	<5.0	<5	<5	<5	<5.0		<5.0	<5	<5	<5.0	<	<5.0			<5.0	<5.0	<5.0	<5.0
4/13/2000	<5.0	<5.0	<5.0	<5	<5.0	<5.0	<5	<5	<5	<5.0		<5.0	<5	<5	<5.0	<5	<5.0			<5.0	<5.0	<5.0	<5.0
4/10/2001	<5.0	9.3	<10	<5	<5.0	<5.0	<5	<5	<5	<5.0		<5.0	<5	<5	<5.0	<5	<5.0			<5.0	<5.0	<5.0	<5.0
1/25/2002	<0.43	9.4	0.51	<0.33	<0.33	0.37	<0.33	<0.33		<0.33		<0.33			<0.33	<0.33	<0.33				<0.43		
7/8/2002	<0.43	1.9	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33		<0.33		<0.33			<0.33	<0.33	36				DRY		
4/17/2003	0.69	2.7	2.3	3.5	<1.0	<1.0	<1	<1		0.65		<1.0			<1.0	1.6	0.39				0.49		
10/22/2003		2.2	0.38 J							<0.33		<0.33			<0.33	<0.33	0.52 J						
10/23/2003	<0.33			0.93 J	5.1	0.63 J	<0.33	<0.33													<0.33		
4/7/2004	<0.33	0.56	<0.33	<0.33	5.2	<0.33	<0.33	<0.33		<0.33		<0.33			<0.33	<0.33	<0.33				<0.33		
10/14/2004	ND	1.7	0.46 J	<0.13	5.1	ND	<0.13	<0.13		ND		0.44 J			ND	<0.13	1.2				ND		
4/7/2005	ND	1.3	ND	<0.43	5.7	ND	<0.43	<0.43		ND		1.1			ND	<0.43	0.93 J				ND		
10/10/2005	ND	2 J	ND	<0.8	8	ND	<0.8	<0.8		ND		ND			ND	<0.8	2 J				ND		
4/19/2006	ND	ND	ND	<0.43	3.6	ND	<0.43		<0.43	ND	ND	ND	<0.43		ND	<0.43	0.74 J		ND	ND	ND	ND	ND
7/18/2006	ND	1.2	0.53 J	<0.43	2.9	ND	<0.43		<0.43	ND		ND	<0.43	<0.43	ND	<0.43	1.3		ND	NS	NS	NS	NS
11/9/2006	ND	0.85 J	ND	<0.43	1.9	ND	<0.43		<0.43	ND	ND	ND	<0.43	<0.43	ND	<0.43	0.92 J		ND	ND	ND	ND	ND
1/31/2007	ND	ND	ND	<0.43	1.8	ND	<0.43		<0.43	ND		ND	<0.43	<0.43	ND	<0.43	0.75 J		ND	NS	NS	NS	NS
4/11/2007	ND	ND	ND	<0.43	1.6	3.3	<0.43		<0.43	ND		ND	<0.43	<0.43	ND	<0.43	0.64 J		ND	ND	ND	ND	ND
7/31/2007	ND	0.45 J	ND	<0.43	0.97 J	1.2	<0.43		<0.43	ND	ND	ND	<0.43	<0.43	ND	<0.43	0.67 J		ND	NS	NS	NS	NS
11/1/2007	ND	ND	ND	<0.43	0.84 J	ND	<0.43		<0.43	ND	ND	ND	<0.43	<0.43	ND	<0.43	0.68 J		ND	ND	ND	ND	ND
11/11/2008	<0.43	3.1	1.4	<0.43	<0.43	1	<0.43		<0.43	0.62 J	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	0.63 J	<0.43	<0.43	<0.43	<0.43	0.63 J	<0.43
12/16/2009	ND	1.26	0.793 J	<0.427	ND	ND	<0.427		<0.427	2.85	ND	ND	<0.427	<0.427	ND	<0.427	ND	<0.427	ND	ND	ND	ND	ND
9/13/2011	ND	2.58	0.965 J	<0.427	ND	ND	<0.427		<0.427	5.87	ND	ND	<0.427	<0.427	ND	<0.427	0.619 J	<0.427	ND	ND	ND	0.577 J	ND

Notes:
MW = Monitoring well sample
SW = Surface water sample
ND = Not detected
NS = Not sampled
J = Analyte present. Value is between the method detection limit and the practical quantitation limit. Reported value may not be accurate or precise.
All units are in micrograms per liter (µg/L)

APPENDIX A
LABORATORY ANALYTICAL DATA
(2007, 2008, 2009, AND 2011)

(PROVIDED IN ELECTRONIC FORMAT
ON CD FOLLOWING THIS PAGE)

Memorandum

DATE: November 29, 2007

TO: Marc Harder – URS Diamond
Jerry Bailey – URS Diamond

FROM: Kelly Rinehimer

RE: Analytical Data for Kentec

Enclosed please find the report for the Kentec GW SAMPLING 4Q07 project.

ADQM FINAL DATA REPORT
NARRATIVE

Site **Kentec**

Project **GW SAMPLING 4Q07**

Sampling Dates **October 30 through November 1, 2007**

Laboratory **Severn Trent Laboratories (STL)**
Austin, Texas

Analytical Protocol

Parameter(s)	Analytical Method
1,1-Dichloroethene	SW846 8260B
1,4-Dioxane	SW846 8270C

Sample Arrival & Receipt
The samples collected for this project arrived at the laboratory intact and properly preserved.

Significant QC Findings/Comments
Overall the data is acceptable for use without qualification. Some of the data is considered estimated due to results reported between the method detection limit and practical quantitation limit. See the DDR Narrative Report for the specific samples qualified.

The matrix spike duplicate performed on sample KEN-G-MW-1 was analyzed for 1,1-dichloroethene outside the 12-hour tune clock. Therefore the matrix spike duplicate is not usable. Laboratory personnel did analyze a matrix spike and laboratory control sample/control sample duplicate within the 12-hour timeframe and acceptable recoveries were observed. Qualification is therefore not warranted.

Kelly A. Rinehimer
11/29/07

DuPont In-House Review (DDR)

The DDR is an automated internal review process used by the ADQM group to determine if the data is usable. The data is run through this automated program where a series of checks are performed on the data. The data is evaluated against hold time criteria, checked for blank contamination, assessed against matrix spike(MS)/matrix spike duplicate (MSD) recoveries, assessed against relative percent differences (RPDs) between these samples, assessed against laboratory control sample(LCS)/control sample duplicate (LCSD) recoveries, assessed against RPDs between these samples, assessed against RPDs between laboratory replicates, and assessed against surrogate spike recoveries. The DDR applies the following data qualifiers to analysis results, as warranted:

Qualifier	Definition
B	Not detected substantially above the level reported in the laboratory or field blanks.
R	Unusable result. Analyte may or may not be present in the sample.
J	Analyte present. Reported value may not be accurate or precise.
UJ	Not detected. Reporting limit may not be accurate or precise.

TestAmerica, Inc. Qualifiers

The laboratory may have applied one or more of the following data qualifiers to analysis results, as warranted:

DIL	The concentration is estimated or not reported due to dilution or to the presence of interfering analytes.
H	Sample was prepared or analyzed after the EPA recommended holding time.
G	The reporting limit is elevated due to matrix interference.
NC	The recovery and or RPD were not calculated.
B	The analyte is present in the associated method blank at a reportable level.
J	Estimated value. The amount reported is below the Minimum Level (ML). ML is the lowest level at which the analytical system must give a reliable signal and an acceptable calibration point.
* (Organic)	Surrogate recovery is outside stated control limits.
* (Inorganic)	Relative percent difference (RPD) is outside stated control limits.
E	The reported result is an estimate. The amount reported is above the calibration range of the instrument.
S	Ion suppression evident
C	Co eluting isomer
X	Values obtained from a reanalysis.
Q	Estimated maximum possible concentration. This qualifier is used when the result is generated from chromatographic data that does not meet all the qualitative criteria for a positive identification given in the method.
L	Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.
N	Spiked analyte recovery is outside stated control limits.
W	Post digestion spike recovery is outside control limits.

These lab qualifiers are applied independent of DuPont In-House Data Review (DDR) qualifiers.

GW SAMPLING 4Q07

DuPont Kentec

November 29 2007

Prepared for

Jerry Bailey – URS Diamond
Marc Harder – URS Diamond

Prepared by

URS Diamond
Laboratory Services - Kelly Rinehimer
Barley Mill Plaza, Building 19
P.O. Box 80027
Wilmington, DE 19880-0027

Corporate Environmental Database
DDR Narrative Report

Site: KEN - KENTEC
Project: GW SAMPLING 4Q07
Reporting Limit: MDL
DDR Standards LABSTATS

11/29/2007 08:38:57

The reported result is greater than/equal to the MDL and less than the PQL; it should be considered an estimated value.

Sample ID	Date Sampled	Lab ID	Analyte	Result	Units	MDL	PQL	Qual	Analytical Methods		
									Analysis	Preprep-	Prep-
KEN-G-MW-10A	11/1/2007	KAEEN1-AD FS	1,4-DIOXANE	4.8	UG/L	1.4	20	J	8270C		3520C
KEN-G-MW-10B	11/1/2007	KAEEP1-AD FS	1,4-DIOXANE	2.3	UG/L	1.3	20	J	8270C		3520C
KEN-G-MW-11A	11/1/2007	KAEEV1-AD FS	1,4-DIOXANE	1.5	UG/L	1.3	20	J	8270C		3520C
KEN-G-MW-14A	11/1/2007	KAEE51-AD FS	1,4-DIOXANE	12	UG/L	1.4	20	J	8270C		3520C
KEN-G-MW-15	11/1/2007	KAEFA1-AC FS	1,1-DICHLOROETHENE	0.68	UG/L	0.43	1.0	J	8260B		5030B
KEN-G-MW-3	10/31/2007	KAAFF1-AA FS	1,4-DIOXANE	8.2	UG/L	1.4	20	J	8270C		3520C
KEN-G-MW-6	10/30/2007	KAED91-AA FS	1,1-DICHLOROETHENE	0.84	UG/L	0.43	1.0	J	8260B		5030B
KEN-G-MW-7A	10/31/2007	KAAF01-AA FS	1,4-DIOXANE	6.3	UG/L	1.4	20	J	8270C		3520C
KEN-G-MW-7A-DUP	10/31/2007	KAAF11-AA FS	1,4-DIOXANE	8.9	UG/L	1.4	20	J	8270C		3520C
KEN-G-MW-9	11/1/2007	KAEEL1-AD FS	1,4-DIOXANE	1.8	UG/L	1.3	19	J	8270C		3520C
KEN-W-SW-11	10/30/2007	KAADA1-AC FS	1,4-DIOXANE	8.7	UG/L	1.4	20	J	8270C		3520C
KEN-W-SW-9-DUP	10/30/2007	KAAC81-AC FS	1,4-DIOXANE	7.6	UG/L	1.5	22	J	8270C		3520C

Corporate Environmental Database
Summary of Positive Results
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q07
Reporting Limit: MDL

11/29/2007 08:57:47

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Detection Limit MDL	Detection Limit PQL	Analytical Methods Analysis	Analytical Methods Preprep-	Analytical Methods Prep-
Sampling Point: MW-1		Sampleno:		KEN-G-MW-1					
Date sampled: Oct 31, 2007		Sample type:		Groundwater					
1,4-DIOXANE	71			UG/L	1.3	20	8270C		3520C
Sampling Point: MW-3		Sampleno:		KEN-G-MW-3					
Date sampled: Oct 31, 2007		Sample type:		Groundwater					
1,4-DIOXANE	8.2	J	J	UG/L	1.4	20	8270C		3520C
Sampling Point: MW-9		Sampleno:		KEN-G-MW-9					
Date sampled: Nov 01, 2007		Sample type:		Groundwater					
1,4-DIOXANE	1.8	J	J	UG/L	1.3	19	8270C		3520C
Sampling Point: SW-9		Sampleno:		KEN-W-SW-9-DUP					
Date sampled: Oct 30, 2007		Sample type:		Surface Water					
1,4-DIOXANE	7.6	J	J	UG/L	1.5	22	8270C		3520C
Sampling Point: MW-15		Sampleno:		KEN-G-MW-15					
Date sampled: Nov 01, 2007		Sample type:		Groundwater					
1,1-DICHLOROETHENE	0.68	J	J	UG/L	0.43	1.0	8260B		5030B
Sampling Point: MW-19		Sampleno:		KEN-G-MW-19					
Date sampled: Nov 01, 2007		Sample type:		Groundwater					
1,4-DIOXANE	130			UG/L	6.8	99	8270C		3520C
Sampling Point: MW-4A		Sampleno:		KEN-G-MW-4A					
Date sampled: Oct 31, 2007		Sample type:		Groundwater					
1,4-DIOXANE	240			UG/L	6.9	100	8270C		3520C
Sampling Point: MW-7A		Sampleno:		KEN-G-MW-7A					
Date sampled: Oct 31, 2007		Sample type:		Groundwater					
1,4-DIOXANE	6.3	J	J	UG/L	1.4	20	8270C		3520C
Sampling Point: MW-7A		Sampleno:		KEN-G-MW-7A-DUP					
Date sampled: Oct 31, 2007		Sample type:		Groundwater					
1,4-DIOXANE	8.9	J	J	UG/L	1.4	20	8270C		3520C
Sampling Point: SW-11		Sampleno:		KEN-W-SW-11					
Date sampled: Oct 30, 2007		Sample type:		Surface Water					
1,4-DIOXANE	8.7	J	J	UG/L	1.4	20	8270C		3520C

Corporate Environmental Database
Summary of Positive Results
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q07
Reporting Limit: MDL

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Detection Limit MDL	Detection Limit PQL	Analytical Methods Analysis	Analytical Methods Preprep-	Analytical Methods Prep-
Sampling Point: SW-24		Sampleno:		KEN-W-SW-24					
Date sampled: Oct 30, 2007		Sample type:		Surface Water					
1,4-DIOXANE	58			UG/L	1.3	19	8270C		3520C
Sampling Point: SW-29		Sampleno:		KEN-W-SW-29					
Date sampled: Oct 30, 2007		Sample type:		Surface Water					
1,4-DIOXANE	35			UG/L	1.3	20	8270C		3520C
Sampling Point: MW-10A		Sampleno:		KEN-G-MW-10A					
Date sampled: Nov 01, 2007		Sample type:		Groundwater					
1,4-DIOXANE	4.8	J	J	UG/L	1.4	20	8270C		3520C
Sampling Point: MW-10B		Sampleno:		KEN-G-MW-10B					
Date sampled: Nov 01, 2007		Sample type:		Groundwater					
1,4-DIOXANE	2.3	J	J	UG/L	1.3	20	8270C		3520C
Sampling Point: MW-11A		Sampleno:		KEN-G-MW-11A					
Date sampled: Nov 01, 2007		Sample type:		Groundwater					
1,4-DIOXANE	1.5	J	J	UG/L	1.3	20	8270C		3520C
Sampling Point: MW-14A		Sampleno:		KEN-G-MW-14A					
Date sampled: Nov 01, 2007		Sample type:		Groundwater					
1,4-DIOXANE	12	J	J	UG/L	1.4	20	8270C		3520C
Sampling Point: MW-6		Sampleno:		KEN-G-MW-6					
Date sampled: Oct 30, 2007		Sample type:		Groundwater					
1,4-DIOXANE	83			UG/L	1.4	20	8270C		3520C
1,1-DICHLOROETHENE	0.84	J	J	UG/L	0.43	1.0	8260B		5030B

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q07
Reporting Limit: MDL

Location: EQBLK-GW1
Date Sampled: 11/1/2007 15:40:00
Lab Sample ID: KAEFF1-AC EB
Field Sample ID: KEN-K-EQBLK-GW1
Sample Type: Blank Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/09/07	8260B	5030B	
1,4-DIOXANE	< 1.4			UG/L	0.99	20	1.4	11/09/07	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	110 RPR			UG/L	1			11/09/07	8260B	5030B	
4-BROMOFLUOROBENZENE	88 RPR			UG/L	1			11/09/07	8260B	5030B	
DIBROMOFLUOROMETHANE	99 RPR			UG/L	1			11/09/07	8260B	5030B	
TOLUENE-D8	100 RPR			UG/L	1			11/09/07	8260B	5030B	
2,4,6-TRIBROMOPHENOL	95 RPR			UG/L	0.99			11/09/07	8270C	3520C	
2-FLUOROBIPHENYL	102 RPR			UG/L	0.99			11/09/07	8270C	3520C	
2-FLUOROPHENOL	98 RPR			UG/L	0.99			11/09/07	8270C	3520C	
NITROBENZENE-D5	108 RPR			UG/L	0.99			11/09/07	8270C	3520C	
PHENOL-D5	101 RPR			UG/L	0.99			11/09/07	8270C	3520C	
TERPHENYL-D14	122 RPR			UG/L	0.99			11/09/07	8270C	3520C	

Location: MW-1
Date Sampled: 10/31/2007 10:07:00
Lab Sample ID: KAADX1-AA FS
Field Sample ID: KEN-G-MW-1
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,4-DIOXANE	71			UG/L	0.98	20	1.3	11/11/07	8270C	3520C	
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/09/07	8260B	5030B	
Surrogates											
2,4,6-TRIBROMOPHENOL	85 RPR			UG/L	0.98			11/11/07	8270C	3520C	
2-FLUOROBIPHENYL	100 RPR			UG/L	0.98			11/11/07	8270C	3520C	
2-FLUOROPHENOL	93 RPR			UG/L	0.98			11/11/07	8270C	3520C	
NITROBENZENE-D5	106 RPR			UG/L	0.98			11/11/07	8270C	3520C	
PHENOL-D5	98 RPR			UG/L	0.98			11/11/07	8270C	3520C	
TERPHENYL-D14	129 RPR	*		UG/L	0.98			11/11/07	8270C	3520C	
1,2-DICHLOROETHANE-D4	92 RPR			UG/L	1			11/09/07	8260B	5030B	
4-BROMOFLUOROBENZENE	88 RPR			UG/L	1			11/09/07	8260B	5030B	
DIBROMOFLUOROMETHANE	90 RPR			UG/L	1			11/09/07	8260B	5030B	
TOLUENE-D8	98 RPR			UG/L	1			11/09/07	8260B	5030B	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q07
Reporting Limit: MDL

Location: MW-3
Date Sampled: 10/31/2007 11:11:00
Lab Sample ID: KAAFF1-AA FS
Field Sample ID: KEN-G-MW-3
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,4-DIOXANE	8.2	J	J	UG/L	1	20	1.4	11/12/07	8270C	3520C	
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/08/07	8260B	5030B	
Surrogates											
2,4,6-TRIBROMOPHENOL	80 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
2-FLUOROBIPHENYL	99 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
2-FLUOROPHENOL	87 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
NITROBENZENE-D5	105 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
PHENOL-D5	94 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
TERPHENYL-D14	124 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
1,2-DICHLOROETHANE-D4	105 RPR			UG/L	1			11/08/07	8260B	5030B	
4-BROMOFLUOROBENZENE	90 RPR			UG/L	1			11/08/07	8260B	5030B	
DIBROMOFLUOROMETHANE	95 RPR			UG/L	1			11/08/07	8260B	5030B	
TOLUENE-D8	99 RPR			UG/L	1			11/08/07	8260B	5030B	

Location: MW-4A
Date Sampled: 10/31/2007 13:24:00
Lab Sample ID: KAAFQ1-AA FS
Field Sample ID: KEN-G-MW-4A
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,4-DIOXANE	240			UG/L	5	100	6.9	11/13/07	8270C	3520C	
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/08/07	8260B	5030B	
Surrogates											
2,4,6-TRIBROMOPHENOL	99 RPR	DIL		UG/L	5		0.0	11/13/07	8270C	3520C	
2-FLUOROBIPHENYL	92 RPR	DIL		UG/L	5		0.0	11/13/07	8270C	3520C	
2-FLUOROPHENOL	70 RPR	DIL		UG/L	5		0.0	11/13/07	8270C	3520C	
NITROBENZENE-D5	90 RPR	DIL		UG/L	5		0.0	11/13/07	8270C	3520C	
PHENOL-D5	80 RPR	DIL		UG/L	5		0.0	11/13/07	8270C	3520C	
TERPHENYL-D14	105 RPR	DIL		UG/L	5		0.0	11/13/07	8270C	3520C	
1,2-DICHLOROETHANE-D4	104 RPR			UG/L	1			11/08/07	8260B	5030B	
4-BROMOFLUOROBENZENE	85 RPR			UG/L	1			11/08/07	8260B	5030B	
DIBROMOFLUOROMETHANE	96 RPR			UG/L	1			11/08/07	8260B	5030B	
TOLUENE-D8	100 RPR			UG/L	1			11/08/07	8260B	5030B	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q07
Reporting Limit: MDL

Location: MW-4B
Date Sampled: 10/31/2007 14:25:00
Lab Sample ID: KAAFW1-AA FS
Field Sample ID: KEN-G-MW-4B
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,4-DIOXANE	< 1.4			UG/L	0.99	20	1.4	11/12/07	8270C	3520C	
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/08/07	8260B	5030B	
Surrogates											
2,4,6-TRIBROMOPHENOL	81 RPR			UG/L	0.99			11/12/07	8270C	3520C	
2-FLUOROBIPHENYL	92 RPR			UG/L	0.99			11/12/07	8270C	3520C	
2-FLUOROPHENOL	88 RPR			UG/L	0.99			11/12/07	8270C	3520C	
NITROBENZENE-D5	102 RPR			UG/L	0.99			11/12/07	8270C	3520C	
PHENOL-D5	95 RPR			UG/L	0.99			11/12/07	8270C	3520C	
TERPHENYL-D14	121 RPR			UG/L	0.99			11/12/07	8270C	3520C	
1,2-DICHLOROETHANE-D4	108 RPR			UG/L	1			11/08/07	8260B	5030B	
4-BROMOFLUOROBENZENE	89 RPR			UG/L	1			11/08/07	8260B	5030B	
DIBROMOFLUOROMETHANE	96 RPR			UG/L	1			11/08/07	8260B	5030B	
TOLUENE-D8	100 RPR			UG/L	1			11/08/07	8260B	5030B	

Location: MW-11B
Date Sampled: 11/1/2007 11:53:00
Lab Sample ID: KAEE01-AC FS
Field Sample ID: KEN-G-MW-11B
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/09/07	8260B	5030B	
1,4-DIOXANE	< 1.4			UG/L	0.99	20	1.4	11/08/07	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	111 RPR			UG/L	1			11/09/07	8260B	5030B	
4-BROMOFLUOROBENZENE	90 RPR			UG/L	1			11/09/07	8260B	5030B	
DIBROMOFLUOROMETHANE	98 RPR			UG/L	1			11/09/07	8260B	5030B	
TOLUENE-D8	99 RPR			UG/L	1			11/09/07	8260B	5030B	
2,4,6-TRIBROMOPHENOL	101 RPR			UG/L	0.99			11/08/07	8270C	3520C	
2-FLUOROBIPHENYL	103 RPR			UG/L	0.99			11/08/07	8270C	3520C	
2-FLUOROPHENOL	104 RPR			UG/L	0.99			11/08/07	8270C	3520C	
NITROBENZENE-D5	114 RPR			UG/L	0.99			11/08/07	8270C	3520C	
PHENOL-D5	108 RPR			UG/L	0.99			11/08/07	8270C	3520C	
TERPHENYL-D14	125 RPR			UG/L	0.99			11/08/07	8270C	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q07
Reporting Limit: MDL

Location: MW-12
Date Sampled: 10/30/2007 17:34:00
Lab Sample ID: KAAFR1-AA FS
Field Sample ID: KEN-G-MW-12
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,4-DIOXANE	< 1.4			UG/L	1	20	1.4	11/12/07	8270C	3520C	
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/09/07	8260B	5030B	
Surrogates											
2,4,6-TRIBROMOPHENOL	80 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
2-FLUOROBIPHENYL	92 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
2-FLUOROPHENOL	89 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
NITROBENZENE-D5	103 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
PHENOL-D5	93 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
TERPHENYL-D14	119 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
1,2-DICHLOROETHANE-D4	113 RPR			UG/L	1			11/09/07	8260B	5030B	
4-BROMOFLUOROBENZENE	87 RPR			UG/L	1			11/09/07	8260B	5030B	
DIBROMOFLUOROMETHANE	101 RPR			UG/L	1			11/09/07	8260B	5030B	
TOLUENE-D8	103 RPR			UG/L	1			11/09/07	8260B	5030B	

Location: MW-14A
Date Sampled: 11/1/2007 14:50:00
Lab Sample ID: KAEE51-AC FS
Field Sample ID: KEN-G-MW-14A
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/09/07	8260B	5030B	
1,4-DIOXANE	12	J	J	UG/L	0.99	20	1.4	11/08/07	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	108 RPR			UG/L	1			11/09/07	8260B	5030B	
4-BROMOFLUOROBENZENE	85 RPR			UG/L	1			11/09/07	8260B	5030B	
DIBROMOFLUOROMETHANE	96 RPR			UG/L	1			11/09/07	8260B	5030B	
TOLUENE-D8	101 RPR			UG/L	1			11/09/07	8260B	5030B	
2,4,6-TRIBROMOPHENOL	90 RPR			UG/L	0.99			11/08/07	8270C	3520C	
2-FLUOROBIPHENYL	92 RPR			UG/L	0.99			11/08/07	8270C	3520C	
2-FLUOROPHENOL	93 RPR			UG/L	0.99			11/08/07	8270C	3520C	
NITROBENZENE-D5	103 RPR			UG/L	0.99			11/08/07	8270C	3520C	
PHENOL-D5	95 RPR			UG/L	0.99			11/08/07	8270C	3520C	
TERPHENYL-D14	116 RPR			UG/L	0.99			11/08/07	8270C	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q07
Reporting Limit: MDL

Location: MW-14B
Date Sampled: 10/31/2007 15:59:00
Lab Sample ID: KAEE81-AC FS
Field Sample ID: KEN-G-MW-14B
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/09/07	8260B	5030B	
1,4-DIOXANE	< 1.3			UG/L	0.97	19	1.3	11/08/07	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	112 RPR			UG/L	1			11/09/07	8260B	5030B	
4-BROMOFLUOROBENZENE	85 RPR			UG/L	1			11/09/07	8260B	5030B	
DIBROMOFLUOROMETHANE	99 RPR			UG/L	1			11/09/07	8260B	5030B	
TOLUENE-D8	99 RPR			UG/L	1			11/09/07	8260B	5030B	
2,4,6-TRIBROMOPHENOL	97 RPR			UG/L	0.97			11/08/07	8270C	3520C	
2-FLUOROBIPHENYL	98 RPR			UG/L	0.97			11/08/07	8270C	3520C	
2-FLUOROPHENOL	101 RPR			UG/L	0.97			11/08/07	8270C	3520C	
NITROBENZENE-D5	108 RPR			UG/L	0.97			11/08/07	8270C	3520C	
PHENOL-D5	105 RPR			UG/L	0.97			11/08/07	8270C	3520C	
TERPHENYL-D14	121 RPR			UG/L	0.97			11/08/07	8270C	3520C	

Location: MW-7A
Date Sampled: 10/31/2007 08:10:00
Lab Sample ID: KAAF01-AA FS
Field Sample ID: KEN-G-MW-7A
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,4-DIOXANE	6.3	J	J	UG/L	1	20	1.4	11/12/07	8270C	3520C	
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/08/07	8260B	5030B	
Surrogates											
2,4,6-TRIBROMOPHENOL	76 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
2-FLUOROBIPHENYL	86 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
2-FLUOROPHENOL	82 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
NITROBENZENE-D5	94 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
PHENOL-D5	87 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
TERPHENYL-D14	118 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
1,2-DICHLOROETHANE-D4	102 RPR			UG/L	1			11/08/07	8260B	5030B	
4-BROMOFLUOROBENZENE	87 RPR			UG/L	1			11/08/07	8260B	5030B	
DIBROMOFLUOROMETHANE	92 RPR			UG/L	1			11/08/07	8260B	5030B	
TOLUENE-D8	97 RPR			UG/L	1			11/08/07	8260B	5030B	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q07
Reporting Limit: MDL

Location: MW-7A
Date Sampled: 10/31/2007 08:10:00
Lab Sample ID: KAAF11-AA FS
Field Sample ID: KEN-G-MW-7A-DUP
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,4-DIOXANE	8.9	J	J	UG/L	1	20	1.4	11/12/07	8270C	3520C	
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/08/07	8260B	5030B	
Surrogates											
2,4,6-TRIBROMOPHENOL	81 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
2-FLUOROBIPHENYL	92 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
2-FLUOROPHENOL	80 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
NITROBENZENE-D5	99 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
PHENOL-D5	90 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
TERPHENYL-D14	120 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
1,2-DICHLOROETHANE-D4	100 RPR			UG/L	1			11/08/07	8260B	5030B	
4-BROMOFLUOROBENZENE	83 RPR			UG/L	1			11/08/07	8260B	5030B	
DIBROMOFLUOROMETHANE	91 RPR			UG/L	1			11/08/07	8260B	5030B	
TOLUENE-D8	96 RPR			UG/L	1			11/08/07	8260B	5030B	

Location: MW-7B
Date Sampled: 10/31/2007 09:11:00
Lab Sample ID: KAEEK1-AC FS
Field Sample ID: KEN-G-MW-7B
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/08/07	8260B	5030B	
1,4-DIOXANE	< 1.3			UG/L	0.97	19	1.3	11/08/07	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	102 RPR			UG/L	1			11/08/07	8260B	5030B	
4-BROMOFLUOROBENZENE	85 RPR			UG/L	1			11/08/07	8260B	5030B	
DIBROMOFLUOROMETHANE	94 RPR			UG/L	1			11/08/07	8260B	5030B	
TOLUENE-D8	99 RPR			UG/L	1			11/08/07	8260B	5030B	
2,4,6-TRIBROMOPHENOL	91 RPR			UG/L	0.97			11/08/07	8270C	3520C	
2-FLUOROBIPHENYL	98 RPR			UG/L	0.97			11/08/07	8270C	3520C	
2-FLUOROPHENOL	92 RPR			UG/L	0.97			11/08/07	8270C	3520C	
NITROBENZENE-D5	104 RPR			UG/L	0.97			11/08/07	8270C	3520C	
PHENOL-D5	96 RPR			UG/L	0.97			11/08/07	8270C	3520C	
TERPHENYL-D14	114 RPR			UG/L	0.97			11/08/07	8270C	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q07
Reporting Limit: MDL

Location: MW-9
Date Sampled: 11/1/2007 08:09:00
Lab Sample ID: KAEEL1-AC FS
Field Sample ID: KEN-G-MW-9
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/08/07	8260B	5030B	
1,4-DIOXANE	1.8	J	J	UG/L	0.97	19	1.3	11/08/07	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	103 RPR			UG/L	1			11/08/07	8260B	5030B	
4-BROMOFLUOROBENZENE	83 RPR			UG/L	1			11/08/07	8260B	5030B	
DIBROMOFLUOROMETHANE	94 RPR			UG/L	1			11/08/07	8260B	5030B	
TOLUENE-D8	101 RPR			UG/L	1			11/08/07	8260B	5030B	
2,4,6-TRIBROMOPHENOL	88 RPR			UG/L	0.97			11/08/07	8270C	3520C	
2-FLUOROBIPHENYL	93 RPR			UG/L	0.97			11/08/07	8270C	3520C	
2-FLUOROPHENOL	95 RPR			UG/L	0.97			11/08/07	8270C	3520C	
NITROBENZENE-D5	101 RPR			UG/L	0.97			11/08/07	8270C	3520C	
PHENOL-D5	99 RPR			UG/L	0.97			11/08/07	8270C	3520C	
TERPHENYL-D14	111 RPR			UG/L	0.97			11/08/07	8270C	3520C	

Location: MW-10A
Date Sampled: 11/1/2007 08:58:00
Lab Sample ID: KAEEN1-AC FS
Field Sample ID: KEN-G-MW-10A
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/08/07	8260B	5030B	
1,4-DIOXANE	4.8	J	J	UG/L	0.99	20	1.4	11/08/07	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	95 RPR			UG/L	1			11/08/07	8260B	5030B	
4-BROMOFLUOROBENZENE	82 RPR			UG/L	1			11/08/07	8260B	5030B	
DIBROMOFLUOROMETHANE	90 RPR			UG/L	1			11/08/07	8260B	5030B	
TOLUENE-D8	97 RPR			UG/L	1			11/08/07	8260B	5030B	
2,4,6-TRIBROMOPHENOL	96 RPR			UG/L	0.99			11/08/07	8270C	3520C	
2-FLUOROBIPHENYL	102 RPR			UG/L	0.99			11/08/07	8270C	3520C	
2-FLUOROPHENOL	99 RPR			UG/L	0.99			11/08/07	8270C	3520C	
NITROBENZENE-D5	109 RPR			UG/L	0.99			11/08/07	8270C	3520C	
PHENOL-D5	104 RPR			UG/L	0.99			11/08/07	8270C	3520C	
TERPHENYL-D14	120 RPR			UG/L	0.99			11/08/07	8270C	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q07
Reporting Limit: MDL

Location: MW-10B
Date Sampled: 11/1/2007 09:45:00
Lab Sample ID: KAEEP1-AC FS
Field Sample ID: KEN-G-MW-10B
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/08/07	8260B	5030B	
1,4-DIOXANE	2.3	J	J	UG/L	0.98	20	1.3	11/08/07	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	102 RPR			UG/L	1			11/08/07	8260B	5030B	
4-BROMOFLUOROBENZENE	85 RPR			UG/L	1			11/08/07	8260B	5030B	
DIBROMOFLUOROMETHANE	94 RPR			UG/L	1			11/08/07	8260B	5030B	
TOLUENE-D8	102 RPR			UG/L	1			11/08/07	8260B	5030B	
2,4,6-TRIBROMOPHENOL	97 RPR			UG/L	0.98			11/08/07	8270C	3520C	
2-FLUOROBIPHENYL	93 RPR			UG/L	0.98			11/08/07	8270C	3520C	
2-FLUOROPHENOL	95 RPR			UG/L	0.98			11/08/07	8270C	3520C	
NITROBENZENE-D5	103 RPR			UG/L	0.98			11/08/07	8270C	3520C	
PHENOL-D5	99 RPR			UG/L	0.98			11/08/07	8270C	3520C	
TERPHENYL-D14	116 RPR			UG/L	0.98			11/08/07	8270C	3520C	

Location: MW-11A
Date Sampled: 11/1/2007 10:53:00
Lab Sample ID: KAEEV1-AC FS
Field Sample ID: KEN-G-MW-11A
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/09/07	8260B	5030B	
1,4-DIOXANE	1.5	J	J	UG/L	0.98	20	1.3	11/08/07	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	116 RPR			UG/L	1			11/09/07	8260B	5030B	
4-BROMOFLUOROBENZENE	85 RPR			UG/L	1			11/09/07	8260B	5030B	
DIBROMOFLUOROMETHANE	102 RPR			UG/L	1			11/09/07	8260B	5030B	
TOLUENE-D8	103 RPR			UG/L	1			11/09/07	8260B	5030B	
2,4,6-TRIBROMOPHENOL	100 RPR			UG/L	0.98			11/08/07	8270C	3520C	
2-FLUOROBIPHENYL	101 RPR			UG/L	0.98			11/08/07	8270C	3520C	
2-FLUOROPHENOL	97 RPR			UG/L	0.98			11/08/07	8270C	3520C	
NITROBENZENE-D5	110 RPR			UG/L	0.98			11/08/07	8270C	3520C	
PHENOL-D5	104 RPR			UG/L	0.98			11/08/07	8270C	3520C	
TERPHENYL-D14	124 RPR			UG/L	0.98			11/08/07	8270C	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q07
Reporting Limit: MDL

Location: MW-15
Date Sampled: 11/1/2007 13:43:00
Lab Sample ID: KAEFA1-AC FS
Field Sample ID: KEN-G-MW-15
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	0.68	J	J	UG/L	1	1.0	0.43	11/09/07	8260B	5030B	
1,4-DIOXANE	< 1.4			UG/L	0.99	20	1.4	11/09/07	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	108 RPR			UG/L	1			11/09/07	8260B	5030B	
4-BROMOFLUOROBENZENE	85 RPR			UG/L	1			11/09/07	8260B	5030B	
DIBROMOFLUOROMETHANE	95 RPR			UG/L	1			11/09/07	8260B	5030B	
TOLUENE-D8	97 RPR			UG/L	1			11/09/07	8260B	5030B	
2,4,6-TRIBROMOPHENOL	101 RPR			UG/L	0.99			11/09/07	8270C	3520C	
2-FLUOROBIPHENYL	101 RPR			UG/L	0.99			11/09/07	8270C	3520C	
2-FLUOROPHENOL	107 RPR			UG/L	0.99			11/09/07	8270C	3520C	
NITROBENZENE-D5	113 RPR			UG/L	0.99			11/09/07	8270C	3520C	
PHENOL-D5	111 RPR			UG/L	0.99			11/09/07	8270C	3520C	
TERPHENYL-D14	126 RPR			UG/L	0.99			11/09/07	8270C	3520C	

Location: MW-19
Date Sampled: 11/1/2007 12:51:00
Lab Sample ID: KAEFC1-AC FS
Field Sample ID: KEN-G-MW-19
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/09/07	8260B	5030B	
1,4-DIOXANE	130			UG/L	4.95	99	6.8	11/13/07	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	110 RPR			UG/L	1			11/09/07	8260B	5030B	
4-BROMOFLUOROBENZENE	85 RPR			UG/L	1			11/09/07	8260B	5030B	
DIBROMOFLUOROMETHANE	99 RPR			UG/L	1			11/09/07	8260B	5030B	
TOLUENE-D8	100 RPR			UG/L	1			11/09/07	8260B	5030B	
2,4,6-TRIBROMOPHENOL	101 RPR	DIL		UG/L	4.95			11/13/07	8270C	3520C	
2-FLUOROBIPHENYL	91 RPR	DIL		UG/L	4.95			11/13/07	8270C	3520C	
2-FLUOROPHENOL	82 RPR	DIL		UG/L	4.95			11/13/07	8270C	3520C	
NITROBENZENE-D5	95 RPR	DIL		UG/L	4.95			11/13/07	8270C	3520C	
PHENOL-D5	87 RPR	DIL		UG/L	4.95			11/13/07	8270C	3520C	
TERPHENYL-D14	96 RPR	DIL		UG/L	4.95			11/13/07	8270C	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q07
Reporting Limit: MDL

Location: TBLK-GW1
Date Sampled: 11/1/2007 00:00:00
Lab Sample ID: KAEFL1-AA TB

Field Sample ID: KEN-K-TBLK-GW1
Sample Type: Blank Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/09/07	8260B	5030B	
Surrogates											
1,2-DICHLOROETHANE-D4	121 RPR			UG/L	1			11/09/07	8260B	5030B	
4-BROMOFLUOROBENZENE	90 RPR			UG/L	1			11/09/07	8260B	5030B	
DIBROMOFLUOROMETHANE	100 RPR			UG/L	1			11/09/07	8260B	5030B	
TOLUENE-D8	101 RPR			UG/L	1			11/09/07	8260B	5030B	

Location: EQBLK-SW
Date Sampled: 10/31/2007 14:30:00
Lab Sample ID: KAADN1-AA EB

Field Sample ID: KEN-K-EQBLK-SW
Sample Type: Blank Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/08/07	8260B	5030B	
1,4-DIOXANE	< 1.4			UG/L	1	20	1.4	11/12/07	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	107 RPR			UG/L	1			11/08/07	8260B	5030B	
4-BROMOFLUOROBENZENE	94 RPR			UG/L	1			11/08/07	8260B	5030B	
DIBROMOFLUOROMETHANE	99 RPR			UG/L	1			11/08/07	8260B	5030B	
TOLUENE-D8	97 RPR			UG/L	1			11/08/07	8260B	5030B	
2,4,6-TRIBROMOPHENOL	80 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
2-FLUOROBIPHENYL	99 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
2-FLUOROPHENOL	85 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
NITROBENZENE-D5	107 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
PHENOL-D5	90 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
TERPHENYL-D14	121 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q07
Reporting Limit: MDL

Location: SW-9
Date Sampled: 10/30/2007 16:35:00
Lab Sample ID: KAAC81-AA FS
Field Sample ID: KEN-W-SW-9-DUP
Sample Type: Surface Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/08/07	8260B	5030B	
1,4-DIOXANE	7.6	J	J	UG/L	1.11	22	1.5	11/11/07	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	104 RPR			UG/L	1			11/08/07	8260B	5030B	
4-BROMOFLUOROBENZENE	91 RPR			UG/L	1			11/08/07	8260B	5030B	
DIBROMOFLUOROMETHANE	97 RPR			UG/L	1			11/08/07	8260B	5030B	
TOLUENE-D8	96 RPR			UG/L	1			11/08/07	8260B	5030B	
2,4,6-TRIBROMOPHENOL	93 RPR			UG/L	1.11			11/11/07	8270C	3520C	
2-FLUOROBIPHENYL	105 RPR			UG/L	1.11			11/11/07	8270C	3520C	
2-FLUOROPHENOL	92 RPR			UG/L	1.11			11/11/07	8270C	3520C	
NITROBENZENE-D5	108 RPR			UG/L	1.11			11/11/07	8270C	3520C	
PHENOL-D5	101 RPR			UG/L	1.11			11/11/07	8270C	3520C	
TERPHENYL-D14	131 RPR	*		UG/L	1.11			11/11/07	8270C	3520C	

Location: SW-9
Date Sampled: 10/30/2007 16:35:00
Lab Sample ID: KAACT1-AA FS
Field Sample ID: KEN-W-SW-9
Sample Type: Surface Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/08/07	8260B	5030B	
1,4-DIOXANE	< 1.3			UG/L	0.98	20	1.3	11/11/07	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	110 RPR			UG/L	1			11/08/07	8260B	5030B	
4-BROMOFLUOROBENZENE	103 RPR			UG/L	1			11/08/07	8260B	5030B	
DIBROMOFLUOROMETHANE	115 RPR			UG/L	1			11/08/07	8260B	5030B	
TOLUENE-D8	112 RPR			UG/L	1			11/08/07	8260B	5030B	
2,4,6-TRIBROMOPHENOL	81 RPR			UG/L	0.98			11/11/07	8270C	3520C	
2-FLUOROBIPHENYL	96 RPR			UG/L	0.98			11/11/07	8270C	3520C	
2-FLUOROPHENOL	83 RPR			UG/L	0.98			11/11/07	8270C	3520C	
NITROBENZENE-D5	104 RPR			UG/L	0.98			11/11/07	8270C	3520C	
PHENOL-D5	95 RPR			UG/L	0.98			11/11/07	8270C	3520C	
TERPHENYL-D14	124 RPR			UG/L	0.98			11/11/07	8270C	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q07
Reporting Limit: MDL

Location: SW-11
Date Sampled: 10/30/2007 16:05:00
Lab Sample ID: KAADA1-AA FS
Field Sample ID: KEN-W-SW-11
Sample Type: Surface Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/08/07	8260B	5030B	
1,4-DIOXANE	8.7	J	J	UG/L	0.99	20	1.4	11/11/07	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	105 RPR			UG/L	1			11/08/07	8260B	5030B	
4-BROMOFLUOROBENZENE	93 RPR			UG/L	1			11/08/07	8260B	5030B	
DIBROMOFLUOROMETHANE	97 RPR			UG/L	1			11/08/07	8260B	5030B	
TOLUENE-D8	97 RPR			UG/L	1			11/08/07	8260B	5030B	
2,4,6-TRIBROMOPHENOL	76 RPR			UG/L	0.99			11/11/07	8270C	3520C	
2-FLUOROBIPHENYL	92 RPR			UG/L	0.99			11/11/07	8270C	3520C	
2-FLUOROPHENOL	84 RPR			UG/L	0.99			11/11/07	8270C	3520C	
NITROBENZENE-D5	97 RPR			UG/L	0.99			11/11/07	8270C	3520C	
PHENOL-D5	86 RPR			UG/L	0.99			11/11/07	8270C	3520C	
TERPHENYL-D14	115 RPR			UG/L	0.99			11/11/07	8270C	3520C	

Location: SW-24
Date Sampled: 10/30/2007 15:15:00
Lab Sample ID: KAADF1-AA FS
Field Sample ID: KEN-W-SW-24
Sample Type: Surface Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/08/07	8260B	5030B	
1,4-DIOXANE	58			UG/L	0.96	19	1.3	11/11/07	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	106 RPR			UG/L	1			11/08/07	8260B	5030B	
4-BROMOFLUOROBENZENE	100 RPR			UG/L	1			11/08/07	8260B	5030B	
DIBROMOFLUOROMETHANE	99 RPR			UG/L	1			11/08/07	8260B	5030B	
TOLUENE-D8	97 RPR			UG/L	1			11/08/07	8260B	5030B	
2,4,6-TRIBROMOPHENOL	83 RPR			UG/L	0.96			11/11/07	8270C	3520C	
2-FLUOROBIPHENYL	99 RPR			UG/L	0.96			11/11/07	8270C	3520C	
2-FLUOROPHENOL	78 RPR			UG/L	0.96			11/11/07	8270C	3520C	
NITROBENZENE-D5	103 RPR			UG/L	0.96			11/11/07	8270C	3520C	
PHENOL-D5	89 RPR			UG/L	0.96			11/11/07	8270C	3520C	
TERPHENYL-D14	125 RPR			UG/L	0.96			11/11/07	8270C	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q07
Reporting Limit: MDL

Location: SW-29
Date Sampled: 10/30/2007 15:35:00
Lab Sample ID: KAADH1-AA FS
Field Sample ID: KEN-W-SW-29
Sample Type: Surface Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/08/07	8260B	5030B	
1,4-DIOXANE	35			UG/L	0.98	20	1.3	11/12/07	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	108 RPR			UG/L	1			11/08/07	8260B	5030B	
4-BROMOFLUOROBENZENE	96 RPR			UG/L	1			11/08/07	8260B	5030B	
DIBROMOFLUOROMETHANE	99 RPR			UG/L	1			11/08/07	8260B	5030B	
TOLUENE-D8	98 RPR			UG/L	1			11/08/07	8260B	5030B	
2,4,6-TRIBROMOPHENOL	91 RPR			UG/L	0.98			11/12/07	8270C	3520C	
2-FLUOROBIPHENYL	103 RPR			UG/L	0.98			11/12/07	8270C	3520C	
2-FLUOROPHENOL	89 RPR			UG/L	0.98			11/12/07	8270C	3520C	
NITROBENZENE-D5	106 RPR			UG/L	0.98			11/12/07	8270C	3520C	
PHENOL-D5	95 RPR			UG/L	0.98			11/12/07	8270C	3520C	
TERPHENYL-D14	128 RPR	*		UG/L	0.98			11/12/07	8270C	3520C	

Location: MW-6
Date Sampled: 10/30/2007 18:18:00
Lab Sample ID: KAAFX1-AA FS
Field Sample ID: KEN-G-MW-6
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,4-DIOXANE	83			UG/L	1	20	1.4	11/12/07	8270C	3520C	
1,1-DICHLOROETHENE	0.84	J	J	UG/L	1	1.0	0.43	11/08/07	8260B	5030B	
Surrogates											
2,4,6-TRIBROMOPHENOL	76 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
2-FLUOROBIPHENYL	91 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
2-FLUOROPHENOL	82 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
NITROBENZENE-D5	96 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
PHENOL-D5	86 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
TERPHENYL-D14	118 RPR			UG/L	1		0.0	11/12/07	8270C	3520C	
1,2-DICHLOROETHANE-D4	104 RPR			UG/L	1			11/08/07	8260B	5030B	
4-BROMOFLUOROBENZENE	88 RPR			UG/L	1			11/08/07	8260B	5030B	
DIBROMOFLUOROMETHANE	95 RPR			UG/L	1			11/08/07	8260B	5030B	
TOLUENE-D8	98 RPR			UG/L	1			11/08/07	8260B	5030B	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q07
Reporting Limit: MDL

Location: TBLK-SW
Date Sampled: 10/31/2007 00:00:00
Lab Sample ID: KAADP1-AA TB

Field Sample ID: KEN-K-TBLK-SW
Sample Type: Blank Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/08/07	8260B	5030B	
Surrogates											
1,2-DICHLOROETHANE-D4	107 RPR			UG/L	1			11/08/07	8260B	5030B	
4-BROMOFLUOROBENZENE	92 RPR			UG/L	1			11/08/07	8260B	5030B	
DIBROMOFLUOROMETHANE	100 RPR			UG/L	1			11/08/07	8260B	5030B	
TOLUENE-D8	96 RPR			UG/L	1			11/08/07	8260B	5030B	

Corporate Environmental Database
Lab Analysis QAQC Report

Site: KENTEC 11/29/2007

Project: GW SAMPLING 4Q07

Batch Identifier 204388 5030B 8260B 08-NOV-07 7313216 MSDB-B

Method Number: 8260B Prep Method: 5030B Pre-prep:

Batch Start Date: 11/08/2007 Intrument: MSDB-B

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type LCS	Lab Sample ID: KAWH41-AC LCS			Lab: QES-AUS					
1,1-DICHLOROETHENE	20.5	UG/L	0.43	NS	102	71	125		
CIS-1,2-DICHLOROETHENE	20.5	UG/L	0.37	NS	103	71	122		
TRICHLOROETHENE	17.9	UG/L	0.45	NS	89	64	120		
VINYL CHLORIDE	20.3	UG/L	0.40	NS	102	66	127		
1,2-DICHLOROETHANE-D4	102 RPR	UG/L		NS	102	75	115		
4-BROMOFLUOROBENZENE	101 RPR	UG/L		NS	101	86	117		
DIBROMOFLUOROMETHANE	94 RPR	UG/L		NS	94	81	110		
TOLUENE-D8	98 RPR	UG/L		NS	98	90	114		
Sample Type LCSD	Lab Sample ID: KAWH41-AD LCSD			Lab: QES-AUS					
1,1-DICHLOROETHENE	20.8	UG/L	0.43	NS	104	71	125	1.5	20
CIS-1,2-DICHLOROETHENE	21.3	UG/L	0.37	NS	107	71	122	3.8	20
TRICHLOROETHENE	17.7	UG/L	0.45	NS	89	64	120	0.86	20
VINYL CHLORIDE	19.5	UG/L	0.40	NS	98	66	127	3.9	20
1,2-DICHLOROETHANE-D4	103 RPR	UG/L		NS	103	75	115		
4-BROMOFLUOROBENZENE	98 RPR	UG/L		NS	98	86	117		
DIBROMOFLUOROMETHANE	94 RPR	UG/L		NS	94	81	110		
TOLUENE-D8	102 RPR	UG/L		NS	102	90	114		
Sample Type MB	Lab Sample ID: KAWH41-AA MB			Lab: QES-AUS					
1,1-DICHLOROETHENE	< 0.43	UG/L	0.43	1.0					
CIS-1,2-DICHLOROETHENE	< 0.37	UG/L	0.37	1.0					
TRICHLOROETHENE	< 0.45	UG/L	0.45	1.0					
VINYL CHLORIDE	< 0.40	UG/L	0.40	2.0					
1,2-DICHLOROETHANE-D4	106 RPR	UG/L			106	67	130		
4-BROMOFLUOROBENZENE	92 RPR	UG/L			92	79	119		
DIBROMOFLUOROMETHANE	94 RPR	UG/L			94	88	119		
TOLUENE-D8	102 RPR	UG/L			102	83	115		
Sample Type MS	Lab Sample ID: J940G1-AC MS			Lab: QES-AUS					
1,1-DICHLOROETHENE	104	UG/L	2.1	NS	104	71	125		
CIS-1,2-DICHLOROETHENE	119	UG/L	1.8	NS	100	71	122		
TRICHLOROETHENE	231	UG/L	2.2	NS	100	64	120		
VINYL CHLORIDE	104	UG/L	2.0	NS	104	66	127		
1,2-DICHLOROETHANE-D4	100 RPR	UG/L		NS	100	67	130		
4-BROMOFLUOROBENZENE	100 RPR	UG/L		NS	100	79	119		
DIBROMOFLUOROMETHANE	97 RPR	UG/L		NS	97	88	119		
TOLUENE-D8	104 RPR	UG/L		NS	104	83	115		
Sample Type MSD	Lab Sample ID: J940G1-AD MSD			Lab: QES-AUS					
1,1-DICHLOROETHENE	99.9	UG/L	2.1	NS	100	71	125	3.6	20
CIS-1,2-DICHLOROETHENE	123	UG/L	1.8	NS	104	71	122	3.1	20
TRICHLOROETHENE	231	UG/L	2.2	NS	101	64	120	0.14	20
VINYL CHLORIDE	107	UG/L	2.0	NS	107	66	127	2.4	20
1,2-DICHLOROETHANE-D4	98 RPR	UG/L		NS	98	67	130		
4-BROMOFLUOROBENZENE	98 RPR	UG/L		NS	98	79	119		
DIBROMOFLUOROMETHANE	92 RPR	UG/L		NS	92	88	119		
TOLUENE-D8	102 RPR	UG/L		NS	102	83	115		

The following field samples are included in this batch:

Sampleno	Datesmpl	Lab Id	Lab
KEN-G-MW-10A	11/1/2007	KAEEN1-AC FS	QES-AUS
KEN-G-MW-10B	11/1/2007	KAEEP1-AC FS	QES-AUS
KEN-G-MW-3	10/31/2007	KAED51-AA FS	QES-AUS
KEN-G-MW-4A	10/31/2007	KAED71-AA FS	QES-AUS
KEN-G-MW-4B	10/31/2007	KAED81-AA FS	QES-AUS
KEN-G-MW-6	10/30/2007	KAED91-AA FS	QES-AUS
KEN-G-MW-7A	10/31/2007	KAEEA1-AA FS	QES-AUS
KEN-G-MW-7A-DUP	10/31/2007	KAEEF1-AA FS	QES-AUS
KEN-G-MW-7B	10/31/2007	KAEEK1-AC FS	QES-AUS
KEN-G-MW-9	11/1/2007	KAEEL1-AC FS	QES-AUS

Corporate Environmental Database
Lab Analysis QAQC Report

Site: KENTEC 11/29/2007

Project: GW SAMPLING 4Q07

Batch Identifier 204389 5030B 8260B 09-NOV-07 7316255 MSDB-B

Method Number: 8260B Prep Method: 5030B Pre-prep:

Batch Start Date: 11/09/2007 Intrument: MSDB-B

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type LCS	Lab Sample ID: KA27A1-AC LCS			Lab: QES-AUS					
1,1-DICHLOROETHENE	20.7	UG/L	0.43	NS	104	71	125		
CIS-1,2-DICHLOROETHENE	21.0	UG/L	0.37	NS	105	71	122		
TETRACHLOROETHENE	20.2	UG/L	0.40	NS	101	50	131		
TRANS-1,2-DICHLOROETHENE	21.2	UG/L	0.37	NS	106	75	129		
TRICHLOROETHENE	19.2	UG/L	0.45	NS	96	64	120		
VINYL CHLORIDE	21.3	UG/L	0.40	NS	107	66	127		
1,2-DICHLOROETHANE-D4	95 RPR	UG/L		NS	95	75	115		
4-BROMOFLUOROBENZENE	93 RPR	UG/L		NS	93	86	117		
DIBROMOFLUOROMETHANE	94 RPR	UG/L		NS	94	81	110		
TOLUENE-D8	101 RPR	UG/L		NS	101	90	114		
Sample Type LCSD	Lab Sample ID: KA27A1-AD LCSD			Lab: QES-AUS					
1,1-DICHLOROETHENE	19.7	UG/L	0.43	NS	99	71	125	5.1	20
CIS-1,2-DICHLOROETHENE	20.5	UG/L	0.37	NS	102	71	122	2.5	20
TETRACHLOROETHENE	20.5	UG/L	0.40	NS	103	50	131	1.6	20
TRANS-1,2-DICHLOROETHENE	19.8	UG/L	0.37	NS	99	75	129	7.1	20
TRICHLOROETHENE	17.9	UG/L	0.45	NS	90	64	120	6.9	20
VINYL CHLORIDE	21.5	UG/L	0.40	NS	107	66	127	0.84	20
1,2-DICHLOROETHANE-D4	93 RPR	UG/L		NS	93	75	115		
4-BROMOFLUOROBENZENE	98 RPR	UG/L		NS	98	86	117		
DIBROMOFLUOROMETHANE	90 RPR	UG/L		NS	90	81	110		
TOLUENE-D8	96 RPR	UG/L		NS	96	90	114		
Sample Type MB	Lab Sample ID: KA27A1-AA MB			Lab: QES-AUS					
1,1-DICHLOROETHENE	< 0.43	UG/L	0.43	1.0					
CIS-1,2-DICHLOROETHENE	< 0.37	UG/L	0.37	1.0					
TETRACHLOROETHENE	< 0.40	UG/L	0.40	1.0					
TRANS-1,2-DICHLOROETHENE	< 0.37	UG/L	0.37	1.0					
TRICHLOROETHENE	< 0.45	UG/L	0.45	1.0					
VINYL CHLORIDE	< 0.40	UG/L	0.40	2.0					
1,2-DICHLOROETHANE-D4	100 RPR	UG/L			100	67	130		
4-BROMOFLUOROBENZENE	86 RPR	UG/L			86	79	119		
DIBROMOFLUOROMETHANE	92 RPR	UG/L			92	88	119		
TOLUENE-D8	100 RPR	UG/L			100	83	115		
Sample Type MS	Lab Sample ID: KAED41-AC MS			Lab: QES-AUS					
1,1-DICHLOROETHENE	21.6	UG/L	0.43	NS	108	71	125		
CIS-1,2-DICHLOROETHENE	21.6	UG/L	0.37	NS	108	71	122		
TETRACHLOROETHENE	19.9	UG/L	0.40	NS	99	50	131		
TRANS-1,2-DICHLOROETHENE	21.3	UG/L	0.37	NS	107	75	129		
TRICHLOROETHENE	19.1	UG/L	0.45	NS	96	64	120		
VINYL CHLORIDE	17.7	UG/L	0.40	NS	88	66	127		
1,2-DICHLOROETHANE-D4	130 RPR	UG/L		NS	130	67	130		
4-BROMOFLUOROBENZENE	103 RPR	UG/L		NS	103	79	119		
DIBROMOFLUOROMETHANE	103 RPR	UG/L		NS	103	88	119		
TOLUENE-D8	103 RPR	UG/L		NS	103	83	115		
Sample Type MSD	Lab Sample ID: KAED41-AD MSD			Lab: QES-AUS					
1,1-DICHLOROETHENE	21.9	UG/L	0.43	NS	110	71	125	1.3	20
CIS-1,2-DICHLOROETHENE	22.4	UG/L	0.37	NS	112	71	122	3.7	20
TETRACHLOROETHENE	20.0	UG/L	0.40	NS	100	50	131	0.52	20
TRANS-1,2-DICHLOROETHENE	20.8	UG/L	0.37	NS	104	75	129	2.6	20
TRICHLOROETHENE	19.7	UG/L	0.45	NS	99	64	120	3.1	20
VINYL CHLORIDE	18.7	UG/L	0.40	NS	93	66	127	5.5	20
1,2-DICHLOROETHANE-D4	126 RPR	UG/L		NS	126	67	130		
4-BROMOFLUOROBENZENE	99 RPR	UG/L		NS	99	79	119		
DIBROMOFLUOROMETHANE	99 RPR	UG/L		NS	99	88	119		
TOLUENE-D8	99 RPR	UG/L		NS	99	83	115		

The following field samples are included in this batch:

Sampleno	Datesmpl	Lab Id	Lab
KEN-G-MW-1	10/31/2007	KAED41-AA FS	QES-AUS
KEN-G-MW-11A	11/1/2007	KAEEV1-AC FS	QES-AUS
KEN-G-MW-11B	11/1/2007	KAEE01-AC FS	QES-AUS
KEN-G-MW-12	10/30/2007	KAEE11-AA FS	QES-AUS

The following field samples are included in this batch:

Sampleno	Datesmpl	Lab Id	Lab
KEN-G-MW-14A	11/1/2007	KAEE51-AC FS	QES-AUS
KEN-G-MW-14B	10/31/2007	KAEE81-AC FS	QES-AUS
KEN-G-MW-15	11/1/2007	KAEFA1-AC FS	QES-AUS
KEN-G-MW-19	11/1/2007	KAEFC1-AC FS	QES-AUS
KEN-K-EQBLK-GW1	11/1/2007	KAEFF1-AC EB	QES-AUS
KEN-K-TBLK-GW1	11/1/2007	KAEFL1-AA TB	QES-AUS

Corporate Environmental Database
Lab Analysis QAQC Report

Site: KENTEC 11/29/2007

Project: GW SAMPLING 4Q07

Batch Identifier 204394 5030B 8260B 08-NOV-07 7313083 I1

Method Number: 8260B Prep Method: 5030B Pre-prep:

Batch Start Date: 11/08/2007 Intrument: I1

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type LCS	Lab Sample ID: KAVW31-AD LCS			Lab: QES-AUS					
1,1-DICHLOROETHENE	17.9	UG/L	0.43	NS	90	71	125		
CIS-1,2-DICHLOROETHENE	18.0	UG/L	0.37	NS	90	71	122		
TRICHLOROETHENE	19.7	UG/L	0.45	NS	99	64	120		
VINYL CHLORIDE	17.9	UG/L	0.40	NS	89	66	127		
1,2-DICHLOROETHANE-D4	103 RPR	UG/L		NS	103	75	115		
4-BROMOFLUOROBENZENE	98 RPR	UG/L		NS	98	86	117		
DIBROMOFLUOROMETHANE	100 RPR	UG/L		NS	100	81	110		
TOLUENE-D8	102 RPR	UG/L		NS	102	90	114		
Sample Type LCSD	Lab Sample ID: KAVW31-AE LCSD			Lab: QES-AUS					
1,1-DICHLOROETHENE	17.6	UG/L	0.43	NS	88	71	125	1.7	20
CIS-1,2-DICHLOROETHENE	17.9	UG/L	0.37	NS	89	71	122	0.53	20
TRICHLOROETHENE	19.4	UG/L	0.45	NS	97	64	120	1.3	20
VINYL CHLORIDE	17.3	UG/L	0.40	NS	86	66	127	3.4	20
1,2-DICHLOROETHANE-D4	102 RPR	UG/L		NS	102	75	115		
4-BROMOFLUOROBENZENE	96 RPR	UG/L		NS	96	86	117		
DIBROMOFLUOROMETHANE	99 RPR	UG/L		NS	99	81	110		
TOLUENE-D8	100 RPR	UG/L		NS	100	90	114		
Sample Type MB	Lab Sample ID: KAVW31-AA MB			Lab: QES-AUS					
1,1-DICHLOROETHENE	< 0.43	UG/L	0.43	1.0					
CIS-1,2-DICHLOROETHENE	< 0.37	UG/L	0.37	1.0					
TRICHLOROETHENE	< 0.45	UG/L	0.45	1.0					
VINYL CHLORIDE	< 0.40	UG/L	0.40	2.0					
1,2-DICHLOROETHANE-D4	102 RPR	UG/L			102	67	130		
4-BROMOFLUOROBENZENE	96 RPR	UG/L			96	79	119		
DIBROMOFLUOROMETHANE	96 RPR	UG/L			96	88	119		
TOLUENE-D8	97 RPR	UG/L			97	83	115		
Sample Type MS	Lab Sample ID: KAADA1-AD MS			Lab: QES-AUS					
1,1-DICHLOROETHENE	18.9	UG/L	0.43	NS	94	71	125		
CIS-1,2-DICHLOROETHENE	17.8	UG/L	0.37	NS	89	71	122		
TRICHLOROETHENE	20.0	UG/L	0.45	NS	100	64	120		
VINYL CHLORIDE	19.1	UG/L	0.40	NS	96	66	127		
1,2-DICHLOROETHANE-D4	98 RPR	UG/L		NS	98	67	130		
4-BROMOFLUOROBENZENE	98 RPR	UG/L		NS	98	79	119		
DIBROMOFLUOROMETHANE	98 RPR	UG/L		NS	98	88	119		
TOLUENE-D8	100 RPR	UG/L		NS	100	83	115		
Sample Type MSD	Lab Sample ID: KAADA1-AE MSD			Lab: QES-AUS					
1,1-DICHLOROETHENE	18.8	UG/L	0.43	NS	94	71	125	0.61	20
CIS-1,2-DICHLOROETHENE	18.1	UG/L	0.37	NS	91	71	122	2.0	20
TRICHLOROETHENE	20.0	UG/L	0.45	NS	100	64	120	0.090	20
VINYL CHLORIDE	19.3	UG/L	0.40	NS	96	66	127	0.72	20
1,2-DICHLOROETHANE-D4	102 RPR	UG/L		NS	102	67	130		
4-BROMOFLUOROBENZENE	100 RPR	UG/L		NS	100	79	119		
DIBROMOFLUOROMETHANE	99 RPR	UG/L		NS	99	88	119		
TOLUENE-D8	102 RPR	UG/L		NS	102	83	115		

The following field samples are included in this batch:

Sampleno	Datesmpl	Lab Id	Lab
KEN-K-EQBLK-SW	10/31/2007	KAADN1-AA EB	QES-AUS
KEN-K-TBLK-SW	10/31/2007	KAADP1-AA TB	QES-AUS
KEN-W-SW-11	10/30/2007	KAADA1-AA FS	QES-AUS
KEN-W-SW-24	10/30/2007	KAADF1-AA FS	QES-AUS
KEN-W-SW-29	10/30/2007	KAADH1-AA FS	QES-AUS
KEN-W-SW-9	10/30/2007	KAACT1-AA FS	QES-AUS
KEN-W-SW-9-DUP	10/30/2007	KAAC81-AA FS	QES-AUS

Corporate Environmental Database
Lab Analysis QAQC Report

Site: KENTEC 11/29/2007

Project: GW SAMPLING 4Q07

Batch Identifier 204614 3520C 8270C 02-NOV-07 7306359 B3C

Method Number: 8270C Prep Method: 3520C Pre-prep:

Batch Start Date: 11/02/2007 Intrument: B3C

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type LCS	Lab Sample ID: KAE5X1-AC LCS			Lab: QES-AUS					
1,4-DIOXANE	30.4	UG/L	1.4	NS	61	29	116		
3-METHYLPHENOL & 4-METHYLPHENOL	40.6	UG/L	NS	NS	81	62	108		
ACENAPHTHENE	35.4	UG/L	NS	NS	71	67	105		
ACETOPHENONE	35.8	UG/L	NS	NS	72	62	115		
PHENOL	45.4	UG/L	NS	NS	91	54	124		
2,4,6-TRIBROMOPHENOL	91 RPR	UG/L	NS	NS	91	67	120		
2-FLUOROBIPHENYL	101 RPR	UG/L	NS	NS	101	63	117		
2-FLUOROPHENOL	89 RPR	UG/L	NS	NS	89	59	113		
NITROBENZENE-D5	105 RPR	UG/L	NS	NS	105	69	117		
PHENOL-D5	101 RPR	UG/L	NS	NS	101	62	121		
TERPHENYL-D14	115 RPR	UG/L	NS	NS	115	65	106		
Sample Type MB	Lab Sample ID: KAE5X1-AA MB			Lab: QES-AUS					
1,4-DIOXANE	< 1.4	UG/L	1.4	20					
3-METHYLPHENOL & 4-METHYLPHENOL	< 50	UG/L	NS	50					
ACENAPHTHENE	< 10	UG/L	NS	10					
ACETOPHENONE	< 10	UG/L	NS	10					
NITROBENZENE-D5	106 RPR	UG/L	NS		106	52	114		
PHENOL	< 10	UG/L	NS	10					
2,4,6-TRIBROMOPHENOL	83 RPR	UG/L	NS		83	51	130		
2-FLUOROBIPHENYL	97 RPR	UG/L	NS		97	58	116		
2-FLUOROPHENOL	93 RPR	UG/L	NS		93	44	114		
PHENOL-D5	98 RPR	UG/L	NS		98	45	116		
TERPHENYL-D14	126 RPR	UG/L	NS		126	64	126		
Sample Type MS	Lab Sample ID: KAADA1-AH MS			Lab: QES-AUS					
1,4-DIOXANE	38.0	UG/L	1.4	NS	59	29	116		
3-METHYLPHENOL & 4-METHYLPHENOL	39.7	UG/L	NS	NS	79	62	108		
ACENAPHTHENE	35.6	UG/L	NS	NS	71	67	105		
ACETOPHENONE	36.7	UG/L	NS	NS	73	62	115		
PHENOL	44.1	UG/L	NS	NS	88	54	124		
2,4,6-TRIBROMOPHENOL	95 RPR	UG/L	NS	NS	95	51	130		
2-FLUOROBIPHENYL	104 RPR	UG/L	NS	NS	104	58	116		
2-FLUOROPHENOL	90 RPR	UG/L	NS	NS	90	44	114		
NITROBENZENE-D5	104 RPR	UG/L	NS	NS	104	52	114		
PHENOL-D5	102 RPR	UG/L	NS	NS	102	45	116		
TERPHENYL-D14	119 RPR	UG/L	NS	NS	119	64	126		
Sample Type MS	Lab Sample ID: KAADX1-AE MS			Lab: QES-AUS					
1,4-DIOXANE	103	UG/L	1.4	NS	63	29	116		
3-METHYLPHENOL & 4-METHYLPHENOL	36.2	UG/L	NS	NS	73	62	108		
ACENAPHTHENE	37.1	UG/L	NS	NS	75	67	105		
ACETOPHENONE	37.4	UG/L	NS	NS	75	62	115		
PHENOL	46.4	UG/L	NS	NS	94	54	124		
2,4,6-TRIBROMOPHENOL	93 RPR	UG/L	NS	NS	93	51	130		
2-FLUOROBIPHENYL	105 RPR	UG/L	NS	NS	105	58	116		
2-FLUOROPHENOL	89 RPR	UG/L	NS	NS	89	44	114		
NITROBENZENE-D5	108 RPR	UG/L	NS	NS	108	52	114		
PHENOL-D5	103 RPR	UG/L	NS	NS	103	45	116		
TERPHENYL-D14	117 RPR	UG/L	NS	NS	117	64	126		
Sample Type MSD	Lab Sample ID: KAADA1-AJ MSD			Lab: QES-AUS					
1,4-DIOXANE	39.0	UG/L	1.4	NS	61	29	116	2.6	30
3-METHYLPHENOL & 4-METHYLPHENOL	40.5	UG/L	NS	NS	81	62	108	1.9	30
ACENAPHTHENE	36.6	UG/L	NS	NS	73	67	105	3.0	30
ACETOPHENONE	36.2	UG/L	NS	NS	72	62	115	1.4	30
PHENOL	44.7	UG/L	NS	NS	89	54	124	1.4	30
2,4,6-TRIBROMOPHENOL	92 RPR	UG/L	NS	NS	92	51	130		
2-FLUOROBIPHENYL	103 RPR	UG/L	NS	NS	103	58	116		
2-FLUOROPHENOL	88 RPR	UG/L	NS	NS	88	44	114		
NITROBENZENE-D5	101 RPR	UG/L	NS	NS	101	52	114		
PHENOL-D5	100 RPR	UG/L	NS	NS	100	45	116		
TERPHENYL-D14	119 RPR	UG/L	NS	NS	119	64	126		
Sample Type MSD	Lab Sample ID: KAADX1-AF MSD			Lab: QES-AUS					
1,4-DIOXANE	105	UG/L	1.3	NS	69	29	116	2.6	30
3-METHYLPHENOL & 4-METHYLPHENOL	33.8	UG/L	NS	NS	69	62	108	6.8	30

Corporate Environmental Database
Lab Analysis QAQC Report

Site: KENTEC 11/29/2007

Project: GW SAMPLING 4Q07

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type MSD	Lab Sample ID: KAADX1-AF MSD			Lab: QES-AUS					
ACENAPHTHENE	35.8	UG/L	NS	NS	73	67	105	3.6	30
ACETOPHENONE	35.6	UG/L	NS	NS	73	62	115	4.7	30
PHENOL	44.2	UG/L	NS	NS	90	54	124	4.9	30
2,4,6-TRIBROMOPHENOL	95 RPR	UG/L	NS	NS	95	51	130		
2-FLUOROBIPHENYL	107 RPR	UG/L	NS	NS	107	58	116		
2-FLUOROPHENOL	91 RPR	UG/L	NS	NS	91	44	114		
NITROBENZENE-D5	105 RPR	UG/L	NS	NS	105	52	114		
PHENOL-D5	102 RPR	UG/L	NS	NS	102	45	116		
TERPHENYL-D14	119 RPR	UG/L	NS	NS	119	64	126		

The following field samples are included in this batch:

Sampleno	Datesmpl	Lab Id	Lab
KEN-G-MW-1	10/31/2007	KAADX1-AA FS	QES-AUS
KEN-G-MW-12	10/30/2007	KAAFR1-AA FS	QES-AUS
KEN-G-MW-3	10/31/2007	KAAFF1-AA FS	QES-AUS
KEN-G-MW-4A	10/31/2007	KAAFQ1-AA FS	QES-AUS
KEN-G-MW-4B	10/31/2007	KAAFW1-AA FS	QES-AUS
KEN-G-MW-6	10/30/2007	KAAFX1-AA FS	QES-AUS
KEN-G-MW-7A	10/31/2007	KAAF01-AA FS	QES-AUS
KEN-G-MW-7A-DUP	10/31/2007	KAAF11-AA FS	QES-AUS
KEN-K-EQBLK-SW	10/31/2007	KAADN1-AC EB	QES-AUS
KEN-W-SW-11	10/30/2007	KAADA1-AC FS	QES-AUS
KEN-W-SW-24	10/30/2007	KAADF1-AC FS	QES-AUS
KEN-W-SW-29	10/30/2007	KAADH1-AC FS	QES-AUS
KEN-W-SW-9	10/30/2007	KAACT1-AC FS	QES-AUS
KEN-W-SW-9-DUP	10/30/2007	KAAC81-AC FS	QES-AUS

Corporate Environmental Database
Lab Analysis QAQC Report

Site: KENTEC
Project: GW SAMPLING 4Q07

Batch Identifier 204627 3520C 8270C 05-NOV-07 7310083 N1C

Method Number: 8270C Prep Method: 3520C Pre-prep:
Batch Start Date: 11/05/2007 Intrument: N1C

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type LCS	Lab Sample ID: KAKMJ1-AC LCS			Lab: QES-AUS					
1,4-DIOXANE	34.1	UG/L	1.4	NS	68	29	116		
2,4,6-TRIBROMOPHENOL	100 RPR	UG/L	0.0	NS	100	67	120		
2-FLUOROBIPHENYL	108 RPR	UG/L	0.0	NS	108	63	117		
2-FLUOROPHENOL	98 RPR	UG/L	0.0	NS	98	59	113		
NITROBENZENE-D5	112 RPR	UG/L	0.0	NS	112	69	117		
PHENOL-D5	105 RPR	UG/L	0.0	NS	105	62	121		
TERPHENYL-D14	117 RPR	UG/L	0.0	NS	117	65	106		
Sample Type LCSD	Lab Sample ID: KAKMJ1-AD LCSD			Lab: QES-AUS					
1,4-DIOXANE	33.9	UG/L	1.4	NS	68	29	116	0.71	30
2,4,6-TRIBROMOPHENOL	103 RPR	UG/L	0.0	NS	103	67	120		
2-FLUOROBIPHENYL	104 RPR	UG/L	0.0	NS	104	63	117		
2-FLUOROPHENOL	96 RPR	UG/L	0.0	NS	96	59	113		
NITROBENZENE-D5	110 RPR	UG/L	0.0	NS	110	69	117		
PHENOL-D5	105 RPR	UG/L	0.0	NS	105	62	121		
TERPHENYL-D14	121 RPR	UG/L	0.0	NS	121	65	106		
Sample Type MB	Lab Sample ID: KAKMJ1-AA MB			Lab: QES-AUS					
1,4-DIOXANE	< 1.4	UG/L	1.4	20					
2,4,6-TRIBROMOPHENOL	89 RPR	UG/L	0.0		89	51	130		
2-FLUOROBIPHENYL	98 RPR	UG/L	0.0		98	58	116		
2-FLUOROPHENOL	97 RPR	UG/L	0.0		97	44	114		
NITROBENZENE-D5	107 RPR	UG/L	0.0		107	52	114		
PHENOL-D5	100 RPR	UG/L	0.0		100	45	116		
TERPHENYL-D14	117 RPR	UG/L	0.0		117	64	126		

The following field samples are included in this batch:

Sampleno	Datesmpl	Lab Id	Lab
KEN-G-MW-10A	11/1/2007	KAEEN1-AD FS	QES-AUS
KEN-G-MW-10B	11/1/2007	KAEEP1-AD FS	QES-AUS
KEN-G-MW-11A	11/1/2007	KAEEV1-AD FS	QES-AUS
KEN-G-MW-11B	11/1/2007	KAEE01-AD FS	QES-AUS
KEN-G-MW-14A	11/1/2007	KAEE51-AD FS	QES-AUS
KEN-G-MW-14B	10/31/2007	KAEE81-AD FS	QES-AUS
KEN-G-MW-15	11/1/2007	KAEFA1-AD FS	QES-AUS
KEN-G-MW-19	11/1/2007	KAEFC1-AD FS	QES-AUS
KEN-G-MW-7B	10/31/2007	KAEEK1-AD FS	QES-AUS
KEN-G-MW-9	11/1/2007	KAEEL1-AD FS	QES-AUS
KEN-K-EQBLK-GW1	11/1/2007	KAEFF1-AD EB	QES-AUS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN–OF–CUSTODY ADDENDUM

Lot No: I7K010131

CHECKED/RECEIVED BY: [illegible]

COC NUMBER:

DATE/TIME RECEIVED: 1/11/07 8:20

QUOTE/PROFILE: 45870

UNPACKED DATE/TIME: 1/11/07 8:40

CLIENT/PROJECT: DuPont

SAMPLES LOGGED IN: [illegible]

LOG-IN REVIEWED: CC

Number of Shipping Containers Received with Chain of Custody 5

VOC AIR / FILTER SAMPLES ☐ YES **SEE SECTIONS 1.0, 2.0, & 6.0**

1.0 CONTAINERS EXAMINED UPON RECEIPT: [illegible]

Container Sealed: ☑ YES ☐ NO Custody Seal Signed/Dated: ☑ YES ☐ NO

Custody Seal Present: ☑ YES ☐ NO

If seal not intact list air bill number of that container(s):

2.0 VOC CANISTERS EXAMINED UPON RECEIPT:

Canister Valves Closed: ☐ YES ☐ NO Samples Received Match Chain: ☐ YES ☐ NO

Canister Valves Capped: ☐ YES ☐ NO Other Equipment Received: ☐ YES ☐ NO

Valve Cap Tightened Properly: ☐ YES ☐ NO See Additional Comments (Section 5.0 and / or 7.0) ☐ YES ☐ NO

Packing Material Used: (circle) Chain-of-Custody form properly maintained: ☐ YES ☐ NO

None / Absorbent / Paper / Bubble Wrap Can Size: ☐ 6L ☐ 15L Other

3.0 SAMPLE TEMPERATURE UPON RECEIPT BY: [illegible] **IR THERMOMETER #:** ☐ P4 ☑ P5

Temperature of the container(s):

Circle selection: TB = Temp. Blank and/or SC = Sample Container CF = Correction Factor *[acceptable tolerance 4°C ± 2°]*

TB ☑ SC ☐ Initial 2.5 CF 0	TB ☑ SC ☐ Initial 2.5° CF 0	TB ☑ SC ☐ Initial 2.7 CF 0	TB ☑ SC ☐ Initial 2.1 CF 0	TB ☑ SC ☐ Initial 2.0 CF 0	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF
Final 2.5°C	Final 2.5°C	Final 2.7°C	Final 2.1°C	Final 2.0°C	Final	Final	Final

If temperature is outside acceptable tolerance, Project Manager was notified (_____PM). Date: _____ Time: _____

Samples received do not require cooling _____ OK to analyze samples: ☑ YES ☐ NO

PRESERVATION OF SAMPLES REQUIRED: ☑ NA ☐ YES ☑ VOA Samples **VERIFIED BY:** [illegible]

NOTE: pH CHECK OF SAMPLES FOR 1664A ANALYSIS CHECK AT TIME OF ANALYSIS BY BENCH ANALYST pH CHECK OF VOLATILE SAMPLES PERFORMED AFTER ANALYSIS BY THE BENCH ANALYST.

Base samples are>pH 12: ☐ YES ☐ NO Acid preserved are<pH 2: ☐ YES ☐ NO

Cyanide samples checked for sulfides: ☐ YES Sulfide samples appear to be preserved with zinc acetate: ☐ YES ☐ NO

Samples checked for chlorine per specification (N.C.) ☐ YES Free chlorine present: ☐ YES ☐ NO

If sample preservation is outside acceptable tolerance, Project Manager was notified (_____PM)

Date: _____ Time: _____ ☐ see pH adjustment form

VOLATILE SAMPLES FILLED COMPLETELY, IF NOT, LIST ID AND HEADSPACE OF VOA's CONTAINING BUBBLES EXCEEDING 6MM IN DIAMETER:

Sample ID	mm Headspace

Sample ID	mm Headspace

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN–OF–CUSTODY ADDENDUM

Lot No: I7K010131

4.0 CONDITION OF BOTTLES/CONTAINERS

VERIFIED BY: [illegible]

Samples received match COC: ☑ YES ☐ NO

See additional discrepancies/comments section: ☐ YES ☑ NO

Chain-of-Custody form properly maintained: ☑ YES ☐ NO

Bottles received intact: ☑ YES ☐ NO

Samples received from USDA restricted area: ☐ YES ☑ NO

VOA trip blanks included: ☑ YES ☐ NO ☐ N/A

5.0 ADDITIONAL DISCREPANCIES

Appears on COC		Appears on Label		
Sample ID	Date/Time	Sample ID	Date/Time	Comments

6.0 SHIPPING DOCUMENTATION:

Air/freight bill is available and attached to COC: ☑ YES ☐ NO Air bill #: _____

Hand-delivered Carrier: _____ Date: _____ Time: _____

7.0 OTHER COMMENTS:

CORRECTIVE ACTION:

Client's Name: _____ Informed verbally on: _____ By: _____

Client's Name: _____ Informed verbally on: _____ By: _____

Sample(s) processed "as is" comments: _____

Samples(s) on hold until: _____ If released, notify: _____

REVIEW:

Project Management: [illegible] Date: 11/19/07

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE

C3

83378

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007037-002

SEVERN TRENT STL®
Severn Trent Laboratories, Inc.

STL4149 (1202)

Client: DUPONT KINSTON PLANT	Project Manager: HARDER M	Date: 10/03/2007
Address: HIGHWAY 11 NORTH	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: TestAmerica Austin
City: KINSTON; State: NC; Zip Code: 28502-0800	Site Contact: HARDER M	
Project Number/Name: KEN/GW SAMP 4Q07	Carrier/Waybill Number:	
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL21951		QUOTE: 45870

Page 2 of 9

Analysis: MS8270 1L

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8270 1L
KEN-G-MW-4B	10/31/07	1425	WATER	1L	AMBER	2	None	2 vol ℄ 8021A 11-1-07	X
KEN-G-MW-6	10/30/07	1818	WATER	1L	AMBER	2	None		X
KEN-G-MW-7A	10/31/07	810	WATER	1L	AMBER	2	None		X
KEN-G-MW-7A-DUP	10/31/07	810	WATER	1L	AMBER	2	None		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: Steve Hay	10-4-07	15:00	1. Received By: [signature]	10/22/07	1430
2. Relinquished By: [signature]	10/31/07	1630	2. Received By: Steve Hay	11-1-07	8:20
3. Relinquished By:			3. Received By:		

Comments:

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007037-001

83377

SEVERN TRENT STL®
Severn Trent Laboratories, Inc.

STL4149 (1202)

Client: DUPONT KINSTON PLANT	Project Manager: HARDER M	Date: 10/03/2007
Address: HIGHWAY 11 NORTH	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: TestAmerica Austin
City: KINSTON; State: NC; Zip Code: 28502-0800	Site Contact: HARDER M	
Project Number/Name: KEN/GW SAMP 4Q07	Carrier/Waybill Number:	

Page 1 of 9

Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL21951 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	Analysis: MS8270 1L
KEN-G-MW-1	10/31/07	1007	WATER	1L	AMBER	2	None	2.7° SPA 11-1-07	X
KEN-G-MW-1-MS/MSD		1007	WATER	1L	AMBER	2	None		X
KEN-G-MW-3		NE ~~1007~~	WATER 9111	1L	AMBER	2	None		X
KEN-G-MW-4A		NE 1031 ~~400~~	WATER	1L	AMBER	2	None		X
~~KEN-GMW-12~~ NE		1524							
KEN-G-MW-12	10/30/07	1734							

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: Steve Hanz	10-4-07	15:00	1. Received By: [signature]	10/22/07	1430
2. Relinquished By: [signature]	10/31/07	1630	2. Received By: Steve Hanz	11-1-07	8:20
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

83376

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007036-013

SEVERN TRENT STL®
Severn Trent Laboratories, Inc.

STL4149 (1202)

Client: DUPONT KINSTON PLANT	Project Manager: HARDER M	Date: 10/03/2007
Address: HIGHWAY 11 NORTH	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: TestAmerica Austin
City: KINSTON; State: NC; Zip Code: 28502-0800	Site Contact: HARDER M	
Project Number/Name: KEN/GW SAMP 4Q07	Carrier/Waybill Number:	

Page 13 of 13

Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL21951 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	Analysis: MS8260LL
KEN-K-TBLK-SW	10/3/07		WATER	40mL	VIAL	2	1:1 HCL	2-5° SAA 11-1-07	X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	10-5-07	1300	1. Received By	10/22/07	1480
2. Relinquished By	10/31/07	1630	2. Received By Steve Henry	11-1-07	8:20
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007037-009

SEVERN TRENT STL®
Severn Trent Laboratories, Inc.

83385

STL4149 (1202)

Client	Project Manager	Date	
DUPONT KINSTON PLANT	HARDER M	10/03/2007	Page 9 of 9
Address: HIGHWAY 11 NORTH	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: TestAmerica Austin	Analysis
City: KINSTON; State: NC; Zip Code: 28502-0800	Site Contact: HARDER M		MS8270
Project Number/Name: KEN/GW SAMP 4Q07	Carrier/Waybill Number		

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL21951 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8270
KEN-K-EQBLK-SW	10/31/07	1430	WATER	1L	AMBER	1	None	2.5°C SRA 11-1-07	X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Steve Hung	10-4-07	15:00	1. Received By: [signature]	10/22/07	1430
2. Relinquished By: [signature]	10/31/07	1630	2. Received By: Steve Hung	11-1-07	8:20
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007036-012

83375

SEVERN TRENT STL®
Severn Trent Laboratories, Inc.

STL4149 (1202)

Client	Project Manager	Date	Page 12 of 13
DUPONT KINSTON PLANT	HARDER M	10/03/2007	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin	
City / **State** / **Zip Code**	**Site Contact**		
KINSTON / NC / 28502-0800	HARDER M		
Project Number/Name	**Carrier/Waybill Number**		
KEN/GW SAMP 4Q07			

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL21951 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-K-EQBLK-SW	10/31/07	1430	WATER	40mL	VIAL	2	1:1 HCL	2-5°C SMA 11-7-07	X

Special Instructions SAMPLES ARE FROM NORTH CAROLINA

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

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required
☐ Normal ☒ Rush ☐ Other ____

QC Level
☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	10-5-07	1300	1. Received By	10/22/07	1430
2. Relinquished By	10/31/07	1630	2. Received By Steve Hay	11-1-07	8:20
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

83384

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$8007037-008

SEVERN TRENT STL®
Severn Trent Laboratories, Inc.

STL4149 (1202)

Client: DUPONT KINSTON PLANT	Project Manager: HARDER M	Date: 10/03/2007	Page 8 of 9
Address: HIGHWAY 11 NORTH	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: TestAmerica Austin	Analysis
City: KINSTON; State: NC; Zip Code: 28502-0800	Site Contact: HARDER M		
Project Number/Name: KEN/GW SAMP 4Q07	Carrier/Waybill Number:		
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL21951		QUOTE: 45870	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS827011L
KEN-W-SW-24	10/30/07	1515	WATER	1L	AMBER	2	None	2.5°C [illegible] 11-7-07	X
KEN-W-SW-29	10/30/07	1535	WATER	1L	AMBER	2	None		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Steve Harry	10-4-07	15:00	1. Received By: [signature]	10/22/07	1430
2. Relinquished By: [signature]	10/31/07	1630	2. Received By: Steve Harry	11-1-07	8:20
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

83374

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@007036-011

SEVERN TRENT STL®
Severn Trent Laboratories, Inc.

STL4149 (1202)

Client	Project Manager	Date	
DUPONT KINSTON PLANT	HARDER M	10/03/2007	Page 11 of 13
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin	

City	State	Zip Code	Site Contact
KINSTON	NC	28502-0800	HARDER M

Project Number/Name	Carrier/Waybill Number
KEN/GW SAMP 4Q07	

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL21951 QUOTE: 45870

Analysis: MS8260LL

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-W-SW-24	10-30-07	1515	WATER	40mL	VIAL	4	1:1 HCL	2.5°C SMA 10-1-07	X
KEN-W-SW-29	↓	1535	WATER	40mL	VIAL	4	1:1 HCL		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	10-5-07	1300	1. Received By	10/22/07	1430
2. Relinquished By	10/31/07	1630	2. Received By	11-1-07	8:20
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007036-010

83373

SEVERN TRENT STL®
Severn Trent Laboratories, Inc.

STL4149 (1202)

Client	Project Manager	Date	Page 10 of 13
DUPONT KINSTON PLANT	HARDER M	10/03/2007	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin	
City / **State** / **Zip Code**	**Site Contact**		
KINSTON / NC / 28502-0800	HARDER M		
Project Number/Name	**Carrier/Waybill Number**		
KEN/GW SAMP 4Q07			

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL21951 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-W-SW-9	10/30/07	1635	WATER	40mL	VIAL	4	1:1 HCL	2-5°C SDA 10-1-07	X
KEN-W-SW-9-DUP		1635	WATER	40mL	VIAL	4	1:1 HCL		X
KEN-W-SW-11		1605	WATER	40mL	VIAL	4	1:1 HCL		X
KEN-W-SW-11-MS/MSD		1605	WATER	40mL	VIAL	2	1:1 HCL		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other _____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	10-5-07	13:00	1. Received By	10/22/07	1430
2. Relinquished By	10/31/07	1630	2. Received By	11-1-07	8:20
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007037-007

83383

SEVERN TRENT STL®
Severn Trent Laboratories, Inc.

STL4149 (1202)

Client	Project Manager	Date	Page 7 of 9
DUPONT KINSTON PLANT	HARDER M	10/03/2007	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin	
City / State / Zip Code	**Site Contact**		
KINSTON / NC / 28502-0800	HARDER M		
Project Number/Name	**Carrier/Waybill Number**		
KEN/GW SAMP 4Q07			

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL21951 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8270/L
KEN-W-SW-9	10/30/07	1635	WATER	1L	AMBER	2	None	2.0°C-SMA 11-01-07	X
KEN-W-SW-9-DUP		1635	WATER	1L	AMBER	2	None		X
KEN-W-SW-11		1605	WATER	1L	AMBER	2	None		X
KEN-W-SW-11-MS/MSD		1605	WATER	1L	AMBER	2	None		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Steve Hung	10-4-07	15:00	1. Received By: [signature]	10/22/07	1430
2. Relinquished By: [signature]	10/31/07	1630	2. Received By: Steve Hung	11-1-07	8:20
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN–OF–CUSTODY ADDENDUM

Lot No: I7K020151

CHECKED/RECEIVED BY: [illegible]

COC NUMBER:

DATE/TIME RECEIVED: 11/2/07 08:00

QUOTE/PROFILE: 45820

UNPACKED DATE/TIME: 11/2/07 08:45

CLIENT/PROJECT: DuPont

SAMPLES LOGGED IN: CC

LOG-IN REVIEWED: [illegible]

Number of Shipping Containers Received with Chain of Custody: 4

VOC AIR / FILTER SAMPLES ☐ YES **SEE SECTIONS 1.0, 2.0, & 6.0**

1.0 CONTAINERS EXAMINED UPON RECEIPT: CC

Container Sealed: ☑ YES ☐ NO

Custody Seal Signed/Dated: ☑ YES ☐ NO

Custody Seal Present: ☑ YES ☐ NO

If seal not intact list air bill number of that container(s):

2.0 VOC CANISTERS EXAMINED UPON RECEIPT:

Canister Valves Closed: ☐ YES ☐ NO

Canister Valves Capped: ☐ YES ☐ NO

Valve Cap Tightened Properly: ☐ YES ☐ NO

Packing Material Used: (circle)

None / Absorbent / Paper / Bubble Wrap

Samples Received Match Chain: ☐ YES ☐ NO

Other Equipment Received: ☐ YES ☐ NO

See Additional Comments (Section 5.0 and / or 7.0) ☐ YES ☐ NO

Chain-of-Custody form properly maintained: ☐ YES ☐ NO

Can Size: ☐ 6L ☐ 15L Other

3.0 SAMPLE TEMPERATURE UPON RECEIPT BY: CC **IR THERMOMETER #:** ☑ P4 ☐ P5

Temperature of the container(s):

Circle selection: TB = Temp. Blank and/or SC = Sample Container CF = Correction Factor [*acceptable tolerance 4°C ± 2°*]

TB ☑ SC ☑ Initial 2.5°C CF 0	TB ☑ SC ☐ Initial 2.1°C CF 0	TB ☑ SC ☐ Initial 2.2°C CF 0	TB ☑ SC ☐ Initial 2.6°C CF 0	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF
Final 2.5°C	Final 2.1°	Final 2.2°C	Final 2.6°C	Final	Final	Final	Final

If temperature is outside acceptable tolerance, Project Manager was notified (_____PM). Date: _____ Time: _____

Samples received do not require cooling _____ OK to analyze samples: ☑ YES ☐ NO

PRESERVATION OF SAMPLES REQUIRED: ☑ NA ☐ YES ☑ VOA Samples **VERIFIED BY:** CC

NOTE: pH CHECK OF SAMPLES FOR 1664A ANALYSIS CHECK AT TIME OF ANALYSIS BY BENCH ANALYST
pH CHECK OF VOLATILE SAMPLES PERFORMED AFTER ANALYSIS BY THE BENCH ANALYST.

Base samples are>pH 12: ☐ YES ☐ NO

Acid preserved are<pH 2: ☐ YES ☐ NO

Cyanide samples checked for sulfides: ☐ YES

Sulfide samples appear to be preserved with zinc acetate: ☐ YES ☐ NO

Samples checked for chlorine per specification (N.C.) ☐ YES

Free chlorine present: ☐ YES ☐ NO

If sample preservation is outside acceptable tolerance, Project Manager was notified (_____PM)

Date: _____ Time: _____ ☐ see pH adjustment form

VOLATILE SAMPLES FILLED COMPLETELY, IF NOT, LIST ID AND HEADSPACE OF VOA's CONTAINING BUBBLES EXCEEDING 6MM IN DIAMETER:

Sample ID	mm Headspace

Sample ID	mm Headspace

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN–OF–CUSTODY ADDENDUM

Lot No: I7K020157

4.0 CONDITION OF BOTTLES/CONTAINERS

VERIFIED BY: CC

Samples received match COC: ☑ YES ☐ NO

Bottles received intact: ☑ YES ☐ NO

See additional discrepancies/comments section: ☐ YES ☑ NO

Samples received from USDA restricted area: ☐ YES ☑ NO

Chain-of-Custody form properly maintained: ☑ YES ☐ NO

VOA trip blanks included: 6 ✓ ☑ YES ☐ NO ☐ N/A

5.0 ADDITIONAL DISCREPANCIES

Appears on COC		Appears on Label		
Sample ID	Date/Time	Sample ID	Date/Time	Comments

6.0 SHIPPING DOCUMENTATION:

Air/freight bill is available and attached to COC: ☑ YES ☐ NO Air bill #: _____

Hand-delivered Carrier: _____ Date: _____ Time: _____

7.0 OTHER COMMENTS:

CORRECTIVE ACTION:

Client's Name: _____ Informed verbally on: _____ By: _____

Client's Name: _____ Informed verbally on: _____ By: _____

Sample(s) processed "as is" comments: _____

Samples(s) on hold until: _____ If released, notify: _____

REVIEW:

Project Management: CJS Date: 11/16/07

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE

C3

83364

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

$0007036-001

I7K020151

SEVERN TRENT STL®

Severn Trent Laboratories, Inc.

STL4149 (1202)

Client	Project Manager	Date	
DUPONT KINSTON PLANT	HARDER M	10/03/2007	Page 1 of 13
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin	Analysis
City / State / Zip Code	**Site Contact**		
KINSTON / NC / 28502-0800	HARDER M		
Project Number/Name	**Carrier/Waybill Number**		
KEN/GW SAMP 4Q07			

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL21951 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-G-MW-1	10/31/07	1007	WATER	40mL	VIAL	4	1:1 HCL	2.1° 11-2-07 CC	X
KEN-G-MW-1-MS/MSD	10/31/07	1007	WATER	40mL	VIAL	2	1:1 HCL		X
KEN-G-MW-3	10/31/07	1111	WATER	40mL	VIAL	4	1:1 HCL		X
KEN-G-MW-4A	10/31/07	1324	WATER	40mL	VIAL	4	1:1 HCL		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	10-5-07	1300	1. Received By	10/22/07	1430
2. Relinquished By	11/1/07	1700	2. Received By	11-2-07	0800
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@007036-002

SEVERN TRENT STL®
Severn Trent Laboratories, Inc.

83365

STL4149 (1202)

Client	Project Manager	Date	
DUPONT KINSTON PLANT	HARDER M	10/03/2007	Page 2 of 13
Address: HIGHWAY 11 NORTH	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: TestAmerica Austin	Analysis
City: KINSTON; State: NC; Zip Code: 28502-0800	Site Contact: HARDER M		
Project Number/Name: KEN/GW SAMP 4Q07	Carrier/Waybill Number		

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL21951 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-G-MW-4B	10/31/07	1425	WATER	40mL	VIAL	4	1:1 HCL	2.1° 11-2-07 cc	X
KEN-G-MW-6	10/30/07	1818	WATER	40mL	VIAL	4	1:1 HCL		X
KEN-G-MW-7A	10/31/07	810	WATER	40mL	VIAL	4	1:1 HCL		X
KEN-G-MW-7A-DUP	10/31/07	810	WATER	40mL	VIAL	4	1:1 HCL		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other _____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	10-5-07	1300	1. Received By	10/22/07	1430
2. Relinquished By	11/1/07	1700	2. Received By	11-2-07	0800
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

83366

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$#0007036-003

SEVERN TRENT STL®
Severn Trent Laboratories, Inc.

STL4149 (1202)

Client	Project Manager	Date	
DUPONT KINSTON PLANT	HARDER M	10/03/2007	Page 3 of 13
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin	

City	State	Zip Code	Site Contact
KINSTON	NC	28502-0800	HARDER M

Project Number/Name	Carrier/Waybill Number
KEN/GW SAMP 4Q07	

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL21951 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-G-MW-7B	10/31/07	911	WATER	40mL	VIAL	4	1:1 HCL	2,1° 11-2-07 LC	X
KEN-G-MW-9	11/1/07	809	WATER	40mL	VIAL	4	1:1 HCL		X
KEN-G-MW-10A	11/1/07	858	WATER	40mL	VIAL	4	1:1 HCL		X
KEN-G-MW-10B	11/1/07	945	WATER	40mL	VIAL	4	1:1 HCL		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

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

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required
☐ Normal ☐ Rush ☐ Other ____

QC Level
☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	10-5-07	1300	1. Received By	10/22/07	1430
2. Relinquished By	11/1/07	1700	2. Received By	11-2-07	0800
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

83379

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007037-003

SEVERN TRENT STL®
Severn Trent Laboratories, Inc.

STL4149 (1202)

Client: DUPONT KINSTON PLANT	Project Manager: HARDER M	Date: 10/03/2007	Page 3 of 9
Address: HIGHWAY 11 NORTH	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: TestAmerica Austin	Analysis
City: KINSTON; State: NC; Zip Code: 28502-0800	Site Contact: HARDER M		
Project Number/Name: KEN/GW SAMP 4Q07	Carrier/Waybill Number:		
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL21951		QUOTE: 45870	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS827011
KEN-G-MW-7B	10/31/07	911	WATER	1L	AMBER	2	None	2.2 11-2-07 CC	X
KEN-G-MW-9	11/1/07	809	WATER	1L	AMBER	2	None		X
KEN-G-MW-10A	11/1/07	858	WATER	1L	AMBER	2	None		X
KEN-G-MW-10B	11/1/07	945	WATER	1L	AMBER	2	None		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By	10-4-07	15:00	1. Received By	10/22/07	1430
2. Relinquished By	11/1/07	1700	2. Received By	11-2-07	0800
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

83380

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007037-004

SEVERN TRENT STL®
Severn Trent Laboratories, Inc.

STL4149 (1202)

Client	Project Manager	Date	
DUPONT KINSTON PLANT	HARDER M	10/03/2007	Page 4 of 9
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin	Analysis
City / **State** / **Zip Code**	**Site Contact**		
KINSTON / NC / 28502-0800	HARDER M		
Project Number/Name	**Carrier/Waybill Number**		
KEN/GW SAMP 4Q07			

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL21951 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8270 1L
KEN-G-MW-11A	11/1/07	1053	WATER	1L	AMBER	2	None	2.5° 11-2-07 CC	X
KEN-G-MW-11B	11/1/07	1153	WATER	1L	AMBER	2	None		X
~~KEN-G-MW-12~~			~~WATER~~	~~1L~~	~~AMBER~~	~~2~~	~~None~~		~~X~~
KEN-G-MW-14A	11/1/07	1450	WATER	1L	AMBER	2	None		X
~~Ken-G-MW-14B~~ Dropped for analysis Cooler Jeff	~~11/1/07~~		~~water~~	~~1L~~	~~amber~~	~~2~~	~~None~~		~~X~~
Ken-G-MW-14B	10/31/07	1559	water	1L	Amber	2	None		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	10-4-07	15:00	1. Received By	10/22/07	1430
2. Relinquished By	11/1/07	1700	2. Received By	11-2-07	0800
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007036-004

SEVERN TRENT STL®
Severn Trent Laboratories, Inc.

83367

STL4149 (1202)

Client	Project Manager	Date	
DUPONT KINSTON PLANT	HARDER M	10/03/2007	Page 4 of 13
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin	

City	State	Zip Code	Site Contact
KINSTON	NC	28502-0800	HARDER M

Project Number/Name	Carrier/Waybill Number
KEN/GW SAMP 4Q07	

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL21951 QUOTE: 45870

Analysis: MS8260LL

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-G-MW-11A	11/1/07	1053	WATER	40mL	VIAL	4	1:1 HCL	2.2°C 11-2-07 CC	X
KEN-G-MW-11B	11/1/07	1153	WATER	40mL	VIAL	4	1:1 HCL		X
KEN-G-MW-12	10/30/07	1734	WATER	40mL	VIAL	4	1:1 HCL		X
KEN-G-MW-14A	11/1/07	1450	WATER	40mL	VIAL	4	1:1 HCL		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	10-5-07	1300	1. Received By	10/22/07	1430
2. Relinquished By	11/1/07	1700	2. Received By	11-2-07	0800
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

83368

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007036-005

SEVERN TRENT STL®
Severn Trent Laboratories, Inc.

STL4149 (1202)

Client	Project Manager	Date	
DUPONT KINSTON PLANT	HARDER M	10/03/2007	Page 5 of 13
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin	

City	State	Zip Code	Site Contact
KINSTON	NC	28502-0800	HARDER M

Project Number/Name	Carrier/Waybill Number
KEN/GW SAMP 4Q07	

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL21951 QUOTE: 45870

Analysis: MS8260LL

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-G-MW-14B	10/31/07	1559	WATER	40mL	VIAL	4	1:1 HCL	2,1°C 11-2-07	X
KEN-G-MW-15	11/1/07	1343	WATER	40mL	VIAL	4	1:1 HCL		X
KEN-G-MW-19	11/1/07	1257	WATER	40mL	VIAL	4	1:1 HCL		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	10-5-07	1300	1. Received By	10/22/07	1430
2. Relinquished By	11/1/07	1700	2. Received By	11-2-07	0830
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007037-005

83381

SEVERN TRENT STL®
Severn Trent Laboratories, Inc.

STL4149 (1202)

Client	Project Manager	Date	
DUPONT KINSTON PLANT	HARDER M	10/03/2007	Page 5 of 9
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin	Analysis
City / State / Zip Code	**Site Contact**		
KINSTON / NC / 28502-0800	HARDER M		
Project Number/Name	**Carrier/Waybill Number**		
KEN/GW SAMP 4Q07			

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL21951 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8270/L
~~KEN-G-MW-14B~~			~~WATER~~	~~1L~~	~~AMBER~~	~~2~~	~~None~~		~~X~~
KEN-G-MW-15	11/1/07	1343	WATER	1L	AMBER	2	None	2.6° 11-2-07 CC	X
KEN-G-MW-19	11/1/07	1251	WATER	1L	AMBER	2	None		X

Moved to another cooler

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Steve	10/4/07	15:00	1. Received By	10/22/07	1430
2. Relinquished By	11/1/07	1700	2. Received By	11-2-07	0800
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@007036-006

SEVERN TRENT STL®
Severn Trent Laboratories, Inc.

83369

STL4149 (1202)

Client	Project Manager	Date	Page 6 of 13
DUPONT KINSTON PLANT	HARDER M	10/03/2007	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin	
City / State / Zip Code	**Site Contact**		
KINSTON / NC / 28502-0800	HARDER M		
Project Number/Name	**Carrier/Waybill Number**		
KEN/GW SAMP 4Q07			

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL21951 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-K-EQBLK-GW1	11/1/07	1540	WATER	40mL	VIAL	2	1:1 HCL	2,1° 11-2-07 CC	X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	10-5-07	1300	1. Received By	10/22/07	1430
2. Relinquished By	11/6/07	1700	2. Received By	11-2-07	0808
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

83382

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007037-006

SEVERN TRENT STL®
Severn Trent Laboratories, Inc.

STL4149 (1202)

Client	Project Manager	Date	
DUPONT KINSTON PLANT	HARDER M	10/03/2007	Page 6 of 9
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin	Analysis
City / **State** / **Zip Code**	**Site Contact**		
KINSTON / NC / 28502-0800	HARDER M		
Project Number/Name	**Carrier/Waybill Number**		
KEN/GW SAMP 4Q07			

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL21951 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8270IL
KEN-K-EQBLK-GW1	11-1-07	1540	WATER	1L	AMBER	1	None	2.6° 11-2-07 cc	X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	10/4/07	15:00	1. Received By	10/22/07	1430
2. Relinquished By	11/1/07	1700	2. Received By	11-2-07	0800
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@007036-007

83370

SEVERN TRENT STL®
Severn Trent Laboratories, Inc.

STL4149 (1202)

Client	Project Manager	Date	Page 7 of 13
DUPONT KINSTON PLANT	HARDER M	10/03/2007	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin	
City / **State** / **Zip Code**	**Site Contact**		
KINSTON / NC / 28502-0800	HARDER M		
Project Number/Name	**Carrier/Waybill Number**		
KEN/GW SAMP 4Q07			

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL21951 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-K-TBLK-GW1	10/1/07	—	WATER	40mL	VIAL	2	1:1 HCL	2.1°C 11-2-07	X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☑ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	10-5-07	1300	1. Received By	10/22/07	1730
2. Relinquished By	11/1/07	1700	2. Received By	11-2-07	0908
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Memorandum

DATE: January 6, 2008

TO: Marc Harder

FROM: Dave Blaushild

RE: Analytical Data for Kentec

Enclosed please find the report for the GW SAMPLING 4Q08 project.

Please call with questions.

Thanks
Dave

ADQM FINAL DATA REPORT
NARRATIVE

Site **Kentec**

Project **GW SAMPLING – 4Q08**

Sampling Dates **November 10, 11 and 12, 2008**

Laboratory **Test America Inc.**
Austin, Texas

Analytical Protocol

Parameter(s)	Analytical Method
1,-Dichloroethene	SW846 8260B
1,-4-Dioxane	SW846 8270C

Sample Arrival & Receipt
The samples collected for this project arrived at the laboratory intact and within temperature requirement (4±2°C).

Significant QC Findings/Comments
Overall the data are acceptable for use with some qualification. Some of the data are considered estimated values due to high matrix spike and/or matrix spike duplicate recoveries and results reported between the method detection limit (MDL) and the practical quantitation limit (PQL).

The DDR Narrative Report lists the qualified results and the reasons for qualification of the data.

DuPont In-House Review (DDR)

The DDR is an automated internal review process used by the ADQM group to determine if the data is usable. The data is run through this automated program where a series of checks are performed on the data. The data is evaluated against hold time criteria, checked for blank contamination, assessed against matrix spike(MS)/matrix spike duplicate (MSD) recoveries, assessed against relative percent differences (RPDs) between these samples, assessed against laboratory control sample(LCS)/control sample duplicate (LCSD) recoveries, assessed against RPDs between these samples, assessed against RPDs between laboratory replicates, and assessed against surrogate spike recoveries. The DDR applies the following data qualifiers to analysis results, as warranted:

Qualifier	**Definition**
B	Not detected substantially above the level reported in the laboratory or field blanks.
R	Unusable result. Analyte may or may not be present in the sample.
J	Analyte present. Reported value may not be accurate or precise.
UJ	Not detected. Reporting limit may not be accurate or precise.

GW SAMPLING 4Q08

DuPont Kentec

Prepared for

Marc Harder

Prepared by

URS Corp.
Laboratory Services – Dave Blaushild
501 Holiday Drive
Suite 300
Foster Plaza 4
Pittsburgh, PA 15220

Corporate Environmental Database
DDR Narrative Report

Site: KEN - KENTEC
Project: GW SAMPLING 4Q08
Reporting Limit: MDL
DDR Standards LABSTATS

5/16/2012 10:23:19

Associated MS and/or MSD analysis had relative percent recovery (RPR) values higher than the upper control limit. The reported result may be biased high.

Sample ID	Date Sampled	Lab ID	Analyte	Result	Units	MDL	PQL	Qual	Analytical Methods Analysis	Preprep-	Prep-
KEN-G-MW-1	11/11/2008	K2QPX1-AA FS	1,4-DIOXANE	34	UG/L	0.63	20	J	8270C		3520C

The reported result is greater than/equal to the MDL and less than the PQL; it should be considered an estimated value.

Sample ID	Date Sampled	Lab ID	Analyte	Result	Units	MDL	PQL	Qual	Analytical Methods Analysis	Preprep-	Prep-
KEN-G-MW-10A	11/11/2008	K2W0J1-AA FS	1,1-DICHLOROETHENE	0.62	UG/L	0.43	1.0	J	8260B		5030B
KEN-G-MW-10A	11/11/2008	K2QVW1-AA FS	1,4-DIOXANE	9.4	UG/L	0.64	20	J	8270C		3520C
KEN-G-MW-10B	11/11/2008	K2QV11-AA FS	1,4-DIOXANE	3.2	UG/L	0.63	20	J	8270C		3520C
KEN-G-MW-11A	11/12/2008	K2W0M1-AC FS	1,4-DIOXANE	0.65	UG/L	0.64	20	J	8270C		3520C
KEN-G-MW-14A	11/12/2008	K2W0V1-AC FS	1,4-DIOXANE	1.7	UG/L	0.64	20	J	8270C		3520C
KEN-G-MW-15	11/12/2008	K2W011-AA FS	1,1-DICHLOROETHENE	0.63	UG/L	0.43	1.0	J	8260B		5030B
KEN-G-MW-7A	11/11/2008	K2WXH1-AC FS	1,4-DIOXANE	8.6	UG/L	0.64	20	J	8270C		3520C
KEN-G-MW-7A-DUP	11/11/2008	K2WXQ1-AC FS	1,4-DIOXANE	9.7	UG/L	0.64	20	J	8270C		3520C
KEN-G-MW-9	11/11/2008	K2QVQ1-AA FS	1,4-DIOXANE	2.0	UG/L	0.64	20	J	8270C		3520C
KEN-G-SW-11	11/10/2008	K2QV91-AA FS	1,4-DIOXANE	8.5	UG/L	0.64	20	J	8270C		3520C
KEN-G-SW-9	11/10/2008	K2QV31-AA FS	1,4-DIOXANE	12	UG/L	0.64	20	J	8270C		3520C
KEN-G-SW-9-DUP	11/10/2008	K2QV51-AA FS	1,4-DIOXANE	12	UG/L	0.62	19	J	8270C		3520C
KEN-W-SW-24	11/10/2008	K2W1E1-AA FS	1,1-DICHLOROETHENE	0.63	UG/L	0.43	1.0	J	8260B		5030B

Corporate Environmental Database
Summary of Positive Results
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q08
Reporting Limit: MDL

5/16/2012 10:20:30

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Detection Limit MDL	Detection Limit PQL	Analytical Methods Analysis	Analytical Methods Preprep-	Analytical Methods Prep-
Sampling Point: MW-1		Sampleno:		KEN-G-MW-1					
Date sampled: Nov 11, 2008		Sample type:		Groundwater					
1,4-DIOXANE	34		J	UG/L	0.63	20	8270C		3520C
Sampling Point: MW-6		Sampleno:		KEN-G-MW-6					
Date sampled: Nov 12, 2008		Sample type:		Groundwater					
1,4-DIOXANE	170			UG/L	1.3	40	8270C		3520C
Sampling Point: MW-9		Sampleno:		KEN-G-MW-9					
Date sampled: Nov 11, 2008		Sample type:		Groundwater					
1,4-DIOXANE	2.0	J	J	UG/L	0.64	20	8270C		3520C
Sampling Point: SW-9		Sampleno:		KEN-G-SW-9					
Date sampled: Nov 10, 2008		Sample type:		Groundwater					
1,4-DIOXANE	12	J	J	UG/L	0.64	20	8270C		3520C
Sampling Point: SW-9		Sampleno:		KEN-G-SW-9-DUP					
Date sampled: Nov 10, 2008		Sample type:		Groundwater					
1,4-DIOXANE	12	J	J	UG/L	0.62	19	8270C		3520C
Sampling Point: MW-19		Sampleno:		KEN-G-MW-19					
Date sampled: Nov 10, 2008		Sample type:		Groundwater					
1,4-DIOXANE	190			UG/L	1.3	40	8270C		3520C
Sampling Point: SW-11		Sampleno:		KEN-G-SW-11					
Date sampled: Nov 10, 2008		Sample type:		Groundwater					
1,4-DIOXANE	8.5	J	J	UG/L	0.64	20	8270C		3520C
Sampling Point: SW-24		Sampleno:		KEN-G-SW-24					
Date sampled: Nov 10, 2008		Sample type:		Groundwater					
1,4-DIOXANE	71			UG/L	0.64	20	8270C		3520C
Sampling Point: SW-24		Sampleno:		KEN-W-SW-24					
Date sampled: Nov 10, 2008		Sample type:		Surface Water					
1,1-DICHLOROETHENE	0.63	J	J	UG/L	0.43	1.0	8260B		5030B
Sampling Point: SW-29		Sampleno:		KEN-G-SW-29					
Date sampled: Nov 10, 2008		Sample type:		Groundwater					
1,4-DIOXANE	53			UG/L	0.64	20	8270C		3520C

Corporate Environmental Database
Summary of Positive Results
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q08
Reporting Limit: MDL

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Detection Limit MDL	Detection Limit PQL	Analytical Methods Analysis	Analytical Methods Preprep-	Analytical Methods Prep-
Sampling Point: MW-10B		Sampleno:		KEN-G-MW-10B					
Date sampled: Nov 11, 2008		Sample type:		Groundwater					
1,4-DIOXANE	3.2	J	J	UG/L	0.63	20	8270C		3520C
Sampling Point: MW-11A		Sampleno:		KEN-G-MW-11A					
Date sampled: Nov 12, 2008		Sample type:		Groundwater					
1,4-DIOXANE	0.65	J	J	UG/L	0.64	20	8270C		3520C
Sampling Point: MW-14A		Sampleno:		KEN-G-MW-14A					
Date sampled: Nov 12, 2008		Sample type:		Groundwater					
1,4-DIOXANE	1.7	J	J	UG/L	0.64	20	8270C		3520C
Sampling Point: MW-3		Sampleno:		KEN-G-MW-3					
Date sampled: Nov 11, 2008		Sample type:		Groundwater					
1,4-DIOXANE	42			UG/L	0.63	20	8270C		3520C
1,1-DICHLOROETHENE	3.1			UG/L	0.43	1.0	8260B		5030B
Sampling Point: MW-15		Sampleno:		KEN-G-MW-15					
Date sampled: Nov 12, 2008		Sample type:		Groundwater					
1,4-DIOXANE	33			UG/L	0.63	20	8270C		3520C
1,1-DICHLOROETHENE	0.63	J	J	UG/L	0.43	1.0	8260B		5030B
Sampling Point: MW-4A		Sampleno:		KEN-G-MW-4A					
Date sampled: Nov 11, 2008		Sample type:		Groundwater					
1,4-DIOXANE	370			UG/L	3.2	98	8270C		3520C
1,1-DICHLOROETHENE	1.4			UG/L	0.43	1.0	8260B		5030B
Sampling Point: MW-7A		Sampleno:		KEN-G-MW-7A					
Date sampled: Nov 11, 2008		Sample type:		Groundwater					
1,4-DIOXANE	8.6	J	J	UG/L	0.64	20	8270C		3520C
1,1-DICHLOROETHENE	1.0			UG/L	0.43	1.0	8260B		5030B
Sampling Point: MW-7A		Sampleno:		KEN-G-MW-7A-DUP					
Date sampled: Nov 11, 2008		Sample type:		Groundwater					
1,4-DIOXANE	9.7	J	J	UG/L	0.64	20	8270C		3520C
1,1-DICHLOROETHENE	1.2			UG/L	0.43	1.0	8260B		5030B
Sampling Point: MW-10A		Sampleno:		KEN-G-MW-10A					
Date sampled: Nov 11, 2008		Sample type:		Groundwater					
1,4-DIOXANE	9.4	J	J	UG/L	0.64	20	8270C		3520C
1,1-DICHLOROETHENE	0.62	J	J	UG/L	0.43	1.0	8260B		5030B

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q08
Reporting Limit: MDL

Location: MW-1
Date Sampled: 11/11/2008 08:55:00
Lab Sample ID: K2QPX1-AA FS
Field Sample ID: KEN-G-MW-1
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,4-DIOXANE	34		J	UG/L	0.98	20	0.63	11/21/08	8270C	3520C	
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/19/08	8260B	5030B	
Surrogates											
2,4,6-TRIBROMOPHENOL	42 RPR	*		UG/L	0.98			11/21/08	8270C	3520C	
2-FLUOROBIPHENYL	48 RPR	*		UG/L	0.98			11/21/08	8270C	3520C	
2-FLUOROPHENOL	47 RPR			UG/L	0.98			11/21/08	8270C	3520C	
NITROBENZENE-D5	49 RPR	*		UG/L	0.98			11/21/08	8270C	3520C	
PHENOL-D5	46 RPR			UG/L	0.98			11/21/08	8270C	3520C	
TERPHENYL-D14	51 RPR	*		UG/L	0.98			11/21/08	8270C	3520C	
1,2-DICHLOROETHANE-D4	97 RPR			UG/L	1			11/19/08	8260B	5030B	
4-BROMOFLUOROBENZENE	98 RPR			UG/L	1			11/19/08	8260B	5030B	
DIBROMOFLUOROMETHANE	103 RPR			UG/L	1			11/19/08	8260B	5030B	
TOLUENE-D8	111 RPR			UG/L	1			11/19/08	8260B	5030B	

Location: MW-10B
Date Sampled: 11/11/2008 14:40:00
Lab Sample ID: K2QV11-AA FS
Field Sample ID: KEN-G-MW-10B
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,4-DIOXANE	3.2	J	J	UG/L	0.98	20	0.63	11/20/08	8270C	3520C	
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/20/08	8260B	5030B	
Surrogates											
2,4,6-TRIBROMOPHENOL	89 RPR			UG/L	0.98			11/20/08	8270C	3520C	
2-FLUOROBIPHENYL	84 RPR			UG/L	0.98			11/20/08	8270C	3520C	
2-FLUOROPHENOL	84 RPR			UG/L	0.98			11/20/08	8270C	3520C	
NITROBENZENE-D5	88 RPR			UG/L	0.98			11/20/08	8270C	3520C	
PHENOL-D5	86 RPR			UG/L	0.98			11/20/08	8270C	3520C	
TERPHENYL-D14	88 RPR			UG/L	0.98			11/20/08	8270C	3520C	
1,2-DICHLOROETHANE-D4	107 RPR			UG/L	1			11/20/08	8260B	5030B	
4-BROMOFLUOROBENZENE	104 RPR			UG/L	1			11/20/08	8260B	5030B	
DIBROMOFLUOROMETHANE	107 RPR			UG/L	1			11/20/08	8260B	5030B	
TOLUENE-D8	111 RPR			UG/L	1			11/20/08	8260B	5030B	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q08
Reporting Limit: MDL

5/16/2012 10:20:30

Location: SW-9
Date Sampled: 11/10/2008 12:40:00
Lab Sample ID: K2QV31-AA FS
Field Sample ID: KEN-G-SW-9
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,4-DIOXANE	12	J	J	UG/L	1	20	0.64	11/20/08	8270C	3520C	
Surrogates											
2,4,6-TRIBROMOPHENOL	91 RPR			UG/L	1		0.0	11/20/08	8270C	3520C	
2-FLUOROBIPHENYL	86 RPR			UG/L	1		0.0	11/20/08	8270C	3520C	
2-FLUOROPHENOL	82 RPR			UG/L	1		0.0	11/20/08	8270C	3520C	
NITROBENZENE-D5	90 RPR			UG/L	1		0.0	11/20/08	8270C	3520C	
PHENOL-D5	81 RPR			UG/L	1		0.0	11/20/08	8270C	3520C	
TERPHENYL-D14	90 RPR			UG/L	1		0.0	11/20/08	8270C	3520C	

Location: SW-9
Date Sampled: 11/10/2008 12:40:00
Lab Sample ID: K2QV51-AA FS
Field Sample ID: KEN-G-SW-9-DUP
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,4-DIOXANE	12	J	J	UG/L	0.97	19	0.62	11/20/08	8270C	3520C	
Surrogates											
2,4,6-TRIBROMOPHENOL	92 RPR			UG/L	0.97			11/20/08	8270C	3520C	
2-FLUOROBIPHENYL	85 RPR			UG/L	0.97			11/20/08	8270C	3520C	
2-FLUOROPHENOL	82 RPR			UG/L	0.97			11/20/08	8270C	3520C	
NITROBENZENE-D5	91 RPR			UG/L	0.97			11/20/08	8270C	3520C	
PHENOL-D5	84 RPR			UG/L	0.97			11/20/08	8270C	3520C	
TERPHENYL-D14	90 RPR			UG/L	0.97			11/20/08	8270C	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q08
Reporting Limit: MDL

Location: SW-11
Date Sampled: 11/10/2008 13:05:00
Lab Sample ID: K2QV91-AA FS
Field Sample ID: KEN-G-SW-11
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,4-DIOXANE	8.5	J	J	UG/L	1	20	0.64	11/19/08	8270C	3520C	
Surrogates											
2,4,6-TRIBROMOPHENOL	98 RPR			UG/L	1		0.0	11/19/08	8270C	3520C	
2-FLUOROBIPHENYL	92 RPR			UG/L	1		0.0	11/19/08	8270C	3520C	
2-FLUOROPHENOL	92 RPR			UG/L	1		0.0	11/19/08	8270C	3520C	
NITROBENZENE-D5	96 RPR			UG/L	1		0.0	11/19/08	8270C	3520C	
PHENOL-D5	94 RPR			UG/L	1		0.0	11/19/08	8270C	3520C	
TERPHENYL-D14	95 RPR			UG/L	1		0.0	11/19/08	8270C	3520C	

Location: MW-3
Date Sampled: 11/11/2008 09:35:00
Lab Sample ID: K2QVF1-AA FS
Field Sample ID: KEN-G-MW-3
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,4-DIOXANE	42			UG/L	0.98	20	0.63	11/20/08	8270C	3520C	
1,1-DICHLOROETHENE	3.1			UG/L	1	1.0	0.43	11/19/08	8260B	5030B	
Surrogates											
2,4,6-TRIBROMOPHENOL	89 RPR			UG/L	0.98			11/20/08	8270C	3520C	
2-FLUOROBIPHENYL	82 RPR			UG/L	0.98			11/20/08	8270C	3520C	
2-FLUOROPHENOL	85 RPR			UG/L	0.98			11/20/08	8270C	3520C	
NITROBENZENE-D5	87 RPR			UG/L	0.98			11/20/08	8270C	3520C	
PHENOL-D5	88 RPR			UG/L	0.98			11/20/08	8270C	3520C	
TERPHENYL-D14	90 RPR			UG/L	0.98			11/20/08	8270C	3520C	
1,2-DICHLOROETHANE-D4	96 RPR			UG/L	1			11/19/08	8260B	5030B	
4-BROMOFLUOROBENZENE	101 RPR			UG/L	1			11/19/08	8260B	5030B	
DIBROMOFLUOROMETHANE	102 RPR			UG/L	1			11/19/08	8260B	5030B	
TOLUENE-D8	111 RPR			UG/L	1			11/19/08	8260B	5030B	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q08
Reporting Limit: MDL

Location: MW-4A
Date Sampled: 11/11/2008 12:50:00
Lab Sample ID: K2QVJ1-AA FS
Field Sample ID: KEN-G-MW-4A
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,4-DIOXANE	370			UG/L	4.9	98	3.2	11/24/08	8270C	3520C	
1,1-DICHLOROETHENE	1.4			UG/L	1	1.0	0.43	11/19/08	8260B	5030B	
Surrogates											
2,4,6-TRIBROMOPHENOL	80 RPR	DIL		UG/L	4.9			11/24/08	8270C	3520C	
2-FLUOROBIPHENYL	87 RPR	DIL		UG/L	4.9			11/24/08	8270C	3520C	
2-FLUOROPHENOL	87 RPR	DIL		UG/L	4.9			11/24/08	8270C	3520C	
NITROBENZENE-D5	90 RPR	DIL		UG/L	4.9			11/24/08	8270C	3520C	
PHENOL-D5	88 RPR	DIL		UG/L	4.9			11/24/08	8270C	3520C	
TERPHENYL-D14	92 RPR	DIL		UG/L	4.9			11/24/08	8270C	3520C	
1,2-DICHLOROETHANE-D4	93 RPR			UG/L	1			11/19/08	8260B	5030B	
4-BROMOFLUOROBENZENE	99 RPR			UG/L	1			11/19/08	8260B	5030B	
DIBROMOFLUOROMETHANE	100 RPR			UG/L	1			11/19/08	8260B	5030B	
TOLUENE-D8	111 RPR			UG/L	1			11/19/08	8260B	5030B	

Location: MW-7B
Date Sampled: 11/11/2008 11:15:00
Lab Sample ID: K2QVM1-AA FS
Field Sample ID: KEN-G-MW-7B
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,4-DIOXANE	< 0.64			UG/L	1	20	0.64	11/20/08	8270C	3520C	
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/19/08	8260B	5030B	
Surrogates											
2,4,6-TRIBROMOPHENOL	91 RPR			UG/L	1		0.0	11/20/08	8270C	3520C	
2-FLUOROBIPHENYL	88 RPR			UG/L	1		0.0	11/20/08	8270C	3520C	
2-FLUOROPHENOL	89 RPR			UG/L	1		0.0	11/20/08	8270C	3520C	
NITROBENZENE-D5	93 RPR			UG/L	1		0.0	11/20/08	8270C	3520C	
PHENOL-D5	89 RPR			UG/L	1		0.0	11/20/08	8270C	3520C	
TERPHENYL-D14	92 RPR			UG/L	1		0.0	11/20/08	8270C	3520C	
1,2-DICHLOROETHANE-D4	92 RPR			UG/L	1			11/19/08	8260B	5030B	
4-BROMOFLUOROBENZENE	98 RPR			UG/L	1			11/19/08	8260B	5030B	
DIBROMOFLUOROMETHANE	98 RPR			UG/L	1			11/19/08	8260B	5030B	
TOLUENE-D8	110 RPR			UG/L	1			11/19/08	8260B	5030B	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q08
Reporting Limit: MDL

Location: MW-9
Date Sampled: 11/11/2008 13:35:00
Lab Sample ID: K2QVQ1-AA FS
Field Sample ID: KEN-G-MW-9
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,4-DIOXANE	2.0	J	J	UG/L	1	20	0.64	11/20/08	8270C	3520C	
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/19/08	8260B	5030B	
Surrogates											
2,4,6-TRIBROMOPHENOL	89 RPR			UG/L	1		0.0	11/20/08	8270C	3520C	
2-FLUOROBIPHENYL	84 RPR			UG/L	1		0.0	11/20/08	8270C	3520C	
2-FLUOROPHENOL	85 RPR			UG/L	1		0.0	11/20/08	8270C	3520C	
NITROBENZENE-D5	89 RPR			UG/L	1		0.0	11/20/08	8270C	3520C	
PHENOL-D5	88 RPR			UG/L	1		0.0	11/20/08	8270C	3520C	
TERPHENYL-D14	91 RPR			UG/L	1		0.0	11/20/08	8270C	3520C	
1,2-DICHLOROETHANE-D4	91 RPR			UG/L	1			11/19/08	8260B	5030B	
4-BROMOFLUOROBENZENE	99 RPR			UG/L	1			11/19/08	8260B	5030B	
DIBROMOFLUOROMETHANE	97 RPR			UG/L	1			11/19/08	8260B	5030B	
TOLUENE-D8	107 RPR			UG/L	1			11/19/08	8260B	5030B	

Location: MW-10A
Date Sampled: 11/11/2008 14:10:00
Lab Sample ID: K2QVW1-AA FS
Field Sample ID: KEN-G-MW-10A
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,4-DIOXANE	9.4	J	J	UG/L	1	20	0.64	11/20/08	8270C	3520C	
1,1-DICHLOROETHENE	0.62	J	J	UG/L	1	1.0	0.43	11/19/08	8260B	5030B	
Surrogates											
2,4,6-TRIBROMOPHENOL	92 RPR			UG/L	1		0.0	11/20/08	8270C	3520C	
2-FLUOROBIPHENYL	86 RPR			UG/L	1		0.0	11/20/08	8270C	3520C	
2-FLUOROPHENOL	88 RPR			UG/L	1		0.0	11/20/08	8270C	3520C	
NITROBENZENE-D5	90 RPR			UG/L	1		0.0	11/20/08	8270C	3520C	
PHENOL-D5	90 RPR			UG/L	1		0.0	11/20/08	8270C	3520C	
TERPHENYL-D14	90 RPR			UG/L	1		0.0	11/20/08	8270C	3520C	
1,2-DICHLOROETHANE-D4	83 RPR			UG/L	1			11/19/08	8260B	5030B	
4-BROMOFLUOROBENZENE	98 RPR			UG/L	1			11/19/08	8260B	5030B	
DIBROMOFLUOROMETHANE	94 RPR			UG/L	1			11/19/08	8260B	5030B	
TOLUENE-D8	107 RPR			UG/L	1			11/19/08	8260B	5030B	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q08
Reporting Limit: MDL

Location: SW-24
Date Sampled: 11/10/2008 13:30:00
Lab Sample ID: K2QWD1-AA FS
Field Sample ID: KEN-G-SW-24
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,4-DIOXANE	71			UG/L	0.99	20	0.64	11/20/08	8270C	3520C	
Surrogates											
2,4,6-TRIBROMOPHENOL	95 RPR			UG/L	0.99			11/20/08	8270C	3520C	
2-FLUOROBIPHENYL	88 RPR			UG/L	0.99			11/20/08	8270C	3520C	
2-FLUOROPHENOL	85 RPR			UG/L	0.99			11/20/08	8270C	3520C	
NITROBENZENE-D5	90 RPR			UG/L	0.99			11/20/08	8270C	3520C	
PHENOL-D5	86 RPR			UG/L	0.99			11/20/08	8270C	3520C	
TERPHENYL-D14	93 RPR			UG/L	0.99			11/20/08	8270C	3520C	

Location: SW-29
Date Sampled: 11/10/2008 14:00:00
Lab Sample ID: K2QWH1-AA FS
Field Sample ID: KEN-G-SW-29
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,4-DIOXANE	53			UG/L	0.99	20	0.64	11/20/08	8270C	3520C	
Surrogates											
2,4,6-TRIBROMOPHENOL	85 RPR			UG/L	0.99			11/20/08	8270C	3520C	
2-FLUOROBIPHENYL	79 RPR			UG/L	0.99			11/20/08	8270C	3520C	
2-FLUOROPHENOL	78 RPR			UG/L	0.99			11/20/08	8270C	3520C	
NITROBENZENE-D5	81 RPR			UG/L	0.99			11/20/08	8270C	3520C	
PHENOL-D5	80 RPR			UG/L	0.99			11/20/08	8270C	3520C	
TERPHENYL-D14	84 RPR			UG/L	0.99			11/20/08	8270C	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q08
Reporting Limit: MDL

Location: EQBLK-SW
Date Sampled: 11/10/2008 17:00:00
Lab Sample ID: K2QWK1-AA FS
Field Sample ID: KEN-K-EQBLK-SW
Sample Type: Blank Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,4-DIOXANE	< 0.62			UG/L	0.97	19	0.62	11/20/08	8270C	3520C	
Surrogates											
2,4,6-TRIBROMOPHENOL	91 RPR			UG/L	0.97			11/20/08	8270C	3520C	
2-FLUOROBIPHENYL	84 RPR			UG/L	0.97			11/20/08	8270C	3520C	
2-FLUOROPHENOL	86 RPR			UG/L	0.97			11/20/08	8270C	3520C	
NITROBENZENE-D5	89 RPR			UG/L	0.97			11/20/08	8270C	3520C	
PHENOL-D5	88 RPR			UG/L	0.97			11/20/08	8270C	3520C	
TERPHENYL-D14	91 RPR			UG/L	0.97			11/20/08	8270C	3520C	

Location: MW-19
Date Sampled: 11/10/2008 14:45:00
Lab Sample ID: K2QWN1-AA FS
Field Sample ID: KEN-G-MW-19
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,4-DIOXANE	190			UG/L	2	40	1.3	11/21/08	8270C	3520C	
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/20/08	8260B	5030B	
Surrogates											
2,4,6-TRIBROMOPHENOL	88 RPR	DIL		UG/L	2		0.0	11/21/08	8270C	3520C	
2-FLUOROBIPHENYL	87 RPR	DIL		UG/L	2		0.0	11/21/08	8270C	3520C	
2-FLUOROPHENOL	86 RPR	DIL		UG/L	2		0.0	11/21/08	8270C	3520C	
NITROBENZENE-D5	90 RPR	DIL		UG/L	2		0.0	11/21/08	8270C	3520C	
PHENOL-D5	88 RPR	DIL		UG/L	2		0.0	11/21/08	8270C	3520C	
TERPHENYL-D14	94 RPR	DIL		UG/L	2		0.0	11/21/08	8270C	3520C	
1,2-DICHLOROETHANE-D4	108 RPR			UG/L	1			11/20/08	8260B	5030B	
4-BROMOFLUOROBENZENE	103 RPR			UG/L	1			11/20/08	8260B	5030B	
DIBROMOFLUOROMETHANE	104 RPR			UG/L	1			11/20/08	8260B	5030B	
TOLUENE-D8	110 RPR			UG/L	1			11/20/08	8260B	5030B	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q08
Reporting Limit: MDL

Location: EQBLK-GW1
Date Sampled: 11/11/2008 16:00:00
Lab Sample ID: K2W1Q1-AA EB
Field Sample ID: KEN-K-EQBLK-GW1
Sample Type: Blank Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/21/08	8260B	5030B	
1,4-DIOXANE	< 0.68			UG/L	1.05	21	0.68	11/21/08	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	94 RPR			UG/L	1			11/21/08	8260B	5030B	
4-BROMOFLUOROBENZENE	102 RPR			UG/L	1			11/21/08	8260B	5030B	
DIBROMOFLUOROMETHANE	100 RPR			UG/L	1			11/21/08	8260B	5030B	
TOLUENE-D8	108 RPR			UG/L	1			11/21/08	8260B	5030B	
2,4,6-TRIBROMOPHENOL	78 RPR			UG/L	1.05			11/21/08	8270C	3520C	
2-FLUOROBIPHENYL	85 RPR			UG/L	1.05			11/21/08	8270C	3520C	
2-FLUOROPHENOL	86 RPR			UG/L	1.05			11/21/08	8270C	3520C	
NITROBENZENE-D5	83 RPR			UG/L	1.05			11/21/08	8270C	3520C	
PHENOL-D5	81 RPR			UG/L	1.05			11/21/08	8270C	3520C	
TERPHENYL-D14	91 RPR			UG/L	1.05			11/21/08	8270C	3520C	

Location: MW-15
Date Sampled: 11/12/2008 12:15:00
Lab Sample ID: K2W011-AA FS
Field Sample ID: KEN-G-MW-15
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	0.63	J	J	UG/L	1	1.0	0.43	11/20/08	8260B	5030B	
1,4-DIOXANE	33			UG/L	0.98	20	0.63	11/21/08	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	107 RPR			UG/L	1			11/20/08	8260B	5030B	
4-BROMOFLUOROBENZENE	106 RPR			UG/L	1			11/20/08	8260B	5030B	
DIBROMOFLUOROMETHANE	105 RPR			UG/L	1			11/20/08	8260B	5030B	
TOLUENE-D8	110 RPR			UG/L	1			11/20/08	8260B	5030B	
2,4,6-TRIBROMOPHENOL	74 RPR			UG/L	0.98			11/21/08	8270C	3520C	
2-FLUOROBIPHENYL	78 RPR			UG/L	0.98			11/21/08	8270C	3520C	
2-FLUOROPHENOL	85 RPR			UG/L	0.98			11/21/08	8270C	3520C	
NITROBENZENE-D5	79 RPR			UG/L	0.98			11/21/08	8270C	3520C	
PHENOL-D5	78 RPR			UG/L	0.98			11/21/08	8270C	3520C	
TERPHENYL-D14	85 RPR			UG/L	0.98			11/21/08	8270C	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q08
Reporting Limit: MDL

Location: MW-16
Date Sampled: 11/10/2008 15:50:00
Lab Sample ID: K2W041-AA FS
Field Sample ID: KEN-G-MW-16
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/20/08	8260B	5030B	
1,4-DIOXANE	< 0.62			UG/L	0.96	19	0.62	11/21/08	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	108 RPR			UG/L	1			11/20/08	8260B	5030B	
4-BROMOFLUOROBENZENE	102 RPR			UG/L	1			11/20/08	8260B	5030B	
DIBROMOFLUOROMETHANE	106 RPR			UG/L	1			11/20/08	8260B	5030B	
TOLUENE-D8	110 RPR			UG/L	1			11/20/08	8260B	5030B	
2,4,6-TRIBROMOPHENOL	83 RPR			UG/L	0.96			11/21/08	8270C	3520C	
2-FLUOROBIPHENYL	82 RPR			UG/L	0.96			11/21/08	8270C	3520C	
2-FLUOROPHENOL	86 RPR			UG/L	0.96			11/21/08	8270C	3520C	
NITROBENZENE-D5	81 RPR			UG/L	0.96			11/21/08	8270C	3520C	
PHENOL-D5	80 RPR			UG/L	0.96			11/21/08	8270C	3520C	
TERPHENYL-D14	90 RPR			UG/L	0.96			11/21/08	8270C	3520C	

Location: SW-9
Date Sampled: 11/10/2008 12:40:00
Lab Sample ID: K2W081-AA FS
Field Sample ID: KEN-W-SW-9
Sample Type: Surface Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/21/08	8260B	5030B	
Surrogates											
1,2-DICHLOROETHANE-D4	97 RPR			UG/L	1			11/21/08	8260B	5030B	
4-BROMOFLUOROBENZENE	110 RPR			UG/L	1			11/21/08	8260B	5030B	
DIBROMOFLUOROMETHANE	100 RPR			UG/L	1			11/21/08	8260B	5030B	
TOLUENE-D8	109 RPR			UG/L	1			11/21/08	8260B	5030B	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q08
Reporting Limit: MDL

Location: MW-11A
Date Sampled: 11/12/2008 07:45:00
Lab Sample ID: K2W0M1-AA FS
Field Sample ID: KEN-G-MW-11A
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/20/08	8260B	5030B	
1,4-DIOXANE	0.65	J	J	UG/L	0.99	20	0.64	11/21/08	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	108 RPR			UG/L	1			11/20/08	8260B	5030B	
4-BROMOFLUOROBENZENE	105 RPR			UG/L	1			11/20/08	8260B	5030B	
DIBROMOFLUOROMETHANE	107 RPR			UG/L	1			11/20/08	8260B	5030B	
TOLUENE-D8	109 RPR			UG/L	1			11/20/08	8260B	5030B	
2,4,6-TRIBROMOPHENOL	75 RPR			UG/L	0.99			11/21/08	8270C	3520C	
2-FLUOROBIPHENYL	82 RPR			UG/L	0.99			11/21/08	8270C	3520C	
2-FLUOROPHENOL	84 RPR			UG/L	0.99			11/21/08	8270C	3520C	
NITROBENZENE-D5	80 RPR			UG/L	0.99			11/21/08	8270C	3520C	
PHENOL-D5	80 RPR			UG/L	0.99			11/21/08	8270C	3520C	
TERPHENYL-D14	87 RPR			UG/L	0.99			11/21/08	8270C	3520C	

Location: MW-11B
Date Sampled: 11/12/2008 08:20:00
Lab Sample ID: K2W0N1-AA FS
Field Sample ID: KEN-G-MW-11B
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/20/08	8260B	5030B	
1,4-DIOXANE	< 0.62			UG/L	0.97	19	0.62	11/21/08	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	105 RPR			UG/L	1			11/20/08	8260B	5030B	
4-BROMOFLUOROBENZENE	105 RPR			UG/L	1			11/20/08	8260B	5030B	
DIBROMOFLUOROMETHANE	106 RPR			UG/L	1			11/20/08	8260B	5030B	
TOLUENE-D8	110 RPR			UG/L	1			11/20/08	8260B	5030B	
2,4,6-TRIBROMOPHENOL	82 RPR			UG/L	0.97			11/21/08	8270C	3520C	
2-FLUOROBIPHENYL	88 RPR			UG/L	0.97			11/21/08	8270C	3520C	
2-FLUOROPHENOL	94 RPR			UG/L	0.97			11/21/08	8270C	3520C	
NITROBENZENE-D5	88 RPR			UG/L	0.97			11/21/08	8270C	3520C	
PHENOL-D5	86 RPR			UG/L	0.97			11/21/08	8270C	3520C	
TERPHENYL-D14	93 RPR			UG/L	0.97			11/21/08	8270C	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q08
Reporting Limit: MDL

Location: MW-12
Date Sampled: 11/12/2008 12:50:00
Lab Sample ID: K2W0R1-AA FS
Field Sample ID: KEN-G-MW-12
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/20/08	8260B	5030B	
1,4-DIOXANE	< 0.61			UG/L	0.95	19	0.61	11/22/08	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	107 RPR			UG/L	1			11/20/08	8260B	5030B	
4-BROMOFLUOROBENZENE	102 RPR			UG/L	1			11/20/08	8260B	5030B	
DIBROMOFLUOROMETHANE	107 RPR			UG/L	1			11/20/08	8260B	5030B	
TOLUENE-D8	109 RPR			UG/L	1			11/20/08	8260B	5030B	
2,4,6-TRIBROMOPHENOL	83 RPR			UG/L	0.95			11/22/08	8270C	3520C	
2-FLUOROBIPHENYL	86 RPR			UG/L	0.95			11/22/08	8270C	3520C	
2-FLUOROPHENOL	101 RPR			UG/L	0.95			11/22/08	8270C	3520C	
NITROBENZENE-D5	90 RPR			UG/L	0.95			11/22/08	8270C	3520C	
PHENOL-D5	90 RPR			UG/L	0.95			11/22/08	8270C	3520C	
TERPHENYL-D14	93 RPR			UG/L	0.95			11/22/08	8270C	3520C	

Location: MW-14A
Date Sampled: 11/12/2008 09:50:00
Lab Sample ID: K2W0V1-AA FS
Field Sample ID: KEN-G-MW-14A
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/20/08	8260B	5030B	
1,4-DIOXANE	1.7	J	J	UG/L	0.99	20	0.64	11/22/08	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	110 RPR			UG/L	1			11/20/08	8260B	5030B	
4-BROMOFLUOROBENZENE	102 RPR			UG/L	1			11/20/08	8260B	5030B	
DIBROMOFLUOROMETHANE	105 RPR			UG/L	1			11/20/08	8260B	5030B	
TOLUENE-D8	110 RPR			UG/L	1			11/20/08	8260B	5030B	
2,4,6-TRIBROMOPHENOL	74 RPR			UG/L	0.99			11/22/08	8270C	3520C	
2-FLUOROBIPHENYL	72 RPR			UG/L	0.99			11/22/08	8270C	3520C	
2-FLUOROPHENOL	83 RPR			UG/L	0.99			11/22/08	8270C	3520C	
NITROBENZENE-D5	77 RPR			UG/L	0.99			11/22/08	8270C	3520C	
PHENOL-D5	78 RPR			UG/L	0.99			11/22/08	8270C	3520C	
TERPHENYL-D14	82 RPR			UG/L	0.99			11/22/08	8270C	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q08
Reporting Limit: MDL

Location: MW-14B
Date Sampled: 11/12/2008 10:20:00
Lab Sample ID: K2W0X1-AA FS
Field Sample ID: KEN-G-MW-14B
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/20/08	8260B	5030B	
1,4-DIOXANE	< 0.62			UG/L	0.97	19	0.62	11/22/08	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	108 RPR			UG/L	1			11/20/08	8260B	5030B	
4-BROMOFLUOROBENZENE	102 RPR			UG/L	1			11/20/08	8260B	5030B	
DIBROMOFLUOROMETHANE	108 RPR			UG/L	1			11/20/08	8260B	5030B	
TOLUENE-D8	111 RPR			UG/L	1			11/20/08	8260B	5030B	
2,4,6-TRIBROMOPHENOL	87 RPR			UG/L	0.97			11/22/08	8270C	3520C	
2-FLUOROBIPHENYL	88 RPR			UG/L	0.97			11/22/08	8270C	3520C	
2-FLUOROPHENOL	95 RPR			UG/L	0.97			11/22/08	8270C	3520C	
NITROBENZENE-D5	90 RPR			UG/L	0.97			11/22/08	8270C	3520C	
PHENOL-D5	86 RPR			UG/L	0.97			11/22/08	8270C	3520C	
TERPHENYL-D14	94 RPR			UG/L	0.97			11/22/08	8270C	3520C	

Location: SW-9
Date Sampled: 11/10/2008 12:40:00
Lab Sample ID: K2W1A1-AA FS
Field Sample ID: KEN-W-SW-9-DUP
Sample Type: Surface Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/21/08	8260B	5030B	
Surrogates											
1,2-DICHLOROETHANE-D4	97 RPR			UG/L	1			11/21/08	8260B	5030B	
4-BROMOFLUOROBENZENE	112 RPR			UG/L	1			11/21/08	8260B	5030B	
DIBROMOFLUOROMETHANE	99 RPR			UG/L	1			11/21/08	8260B	5030B	
TOLUENE-D8	109 RPR			UG/L	1			11/21/08	8260B	5030B	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q08
Reporting Limit: MDL

Location: SW-11
Date Sampled: 11/10/2008 13:05:00
Lab Sample ID: K2W1C1-AA FS
Field Sample ID: KEN-W-SW-11
Sample Type: Surface Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/21/08	8260B	5030B	
Surrogates											
1,2-DICHLOROETHANE-D4	95 RPR			UG/L	1			11/21/08	8260B	5030B	
4-BROMOFLUOROBENZENE	103 RPR			UG/L	1			11/21/08	8260B	5030B	
DIBROMOFLUOROMETHANE	99 RPR			UG/L	1			11/21/08	8260B	5030B	
TOLUENE-D8	108 RPR			UG/L	1			11/21/08	8260B	5030B	

Location: SW-24
Date Sampled: 11/10/2008 13:30:00
Lab Sample ID: K2W1E1-AA FS
Field Sample ID: KEN-W-SW-24
Sample Type: Surface Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	0.63	J	J	UG/L	1	1.0	0.43	11/20/08	8260B	5030B	
Surrogates											
1,2-DICHLOROETHANE-D4	110 RPR			UG/L	1			11/20/08	8260B	5030B	
4-BROMOFLUOROBENZENE	110 RPR			UG/L	1			11/20/08	8260B	5030B	
DIBROMOFLUOROMETHANE	107 RPR			UG/L	1			11/20/08	8260B	5030B	
TOLUENE-D8	111 RPR			UG/L	1			11/20/08	8260B	5030B	

Location: SW-29
Date Sampled: 11/10/2008 14:00:00
Lab Sample ID: K2W1F1-AA FS
Field Sample ID: KEN-W-SW-29
Sample Type: Surface Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/21/08	8260B	5030B	
Surrogates											
1,2-DICHLOROETHANE-D4	96 RPR			UG/L	1			11/21/08	8260B	5030B	
4-BROMOFLUOROBENZENE	111 RPR			UG/L	1			11/21/08	8260B	5030B	
DIBROMOFLUOROMETHANE	102 RPR			UG/L	1			11/21/08	8260B	5030B	
TOLUENE-D8	109 RPR			UG/L	1			11/21/08	8260B	5030B	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q08
Reporting Limit: MDL

Location: MW-4B
Date Sampled: 11/11/2008 15:10:00
Lab Sample ID: K2WR11-AA FS
Field Sample ID: KEN-G-MW-4B
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/19/08	8260B	5030B	
1,4-DIOXANE	< 0.63			UG/L	0.98	20	0.63	11/21/08	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	92 RPR			UG/L	1			11/19/08	8260B	5030B	
4-BROMOFLUOROBENZENE	98 RPR			UG/L	1			11/19/08	8260B	5030B	
DIBROMOFLUOROMETHANE	100 RPR			UG/L	1			11/19/08	8260B	5030B	
TOLUENE-D8	111 RPR			UG/L	1			11/19/08	8260B	5030B	
2,4,6-TRIBROMOPHENOL	72 RPR			UG/L	0.98			11/21/08	8270C	3520C	
2-FLUOROBIPHENYL	85 RPR			UG/L	0.98			11/21/08	8270C	3520C	
2-FLUOROPHENOL	64 RPR			UG/L	0.98			11/21/08	8270C	3520C	
NITROBENZENE-D5	84 RPR			UG/L	0.98			11/21/08	8270C	3520C	
PHENOL-D5	46 RPR			UG/L	0.98			11/21/08	8270C	3520C	
TERPHENYL-D14	95 RPR			UG/L	0.98			11/21/08	8270C	3520C	

Location: MW-6
Date Sampled: 11/12/2008 09:05:00
Lab Sample ID: K2WR61-AA FS
Field Sample ID: KEN-G-MW-6
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/19/08	8260B	5030B	
1,4-DIOXANE	170			UG/L	1.98	40	1.3	11/24/08	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	94 RPR			UG/L	1			11/19/08	8260B	5030B	
4-BROMOFLUOROBENZENE	101 RPR			UG/L	1			11/19/08	8260B	5030B	
DIBROMOFLUOROMETHANE	101 RPR			UG/L	1			11/19/08	8260B	5030B	
TOLUENE-D8	111 RPR			UG/L	1			11/19/08	8260B	5030B	
2,4,6-TRIBROMOPHENOL	70 RPR	DIL		UG/L	1.98			11/24/08	8270C	3520C	
2-FLUOROBIPHENYL	80 RPR	DIL		UG/L	1.98			11/24/08	8270C	3520C	
2-FLUOROPHENOL	79 RPR	DIL		UG/L	1.98			11/24/08	8270C	3520C	
NITROBENZENE-D5	77 RPR	DIL		UG/L	1.98			11/24/08	8270C	3520C	
PHENOL-D5	76 RPR	DIL		UG/L	1.98			11/24/08	8270C	3520C	
TERPHENYL-D14	86 RPR	DIL		UG/L	1.98			11/24/08	8270C	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q08
Reporting Limit: MDL

Location: MW-7A
Date Sampled: 11/11/2008 10:30:00
Lab Sample ID: K2WXH1-AA FS
Field Sample ID: KEN-G-MW-7A
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	1.0			UG/L	1	1.0	0.43	11/19/08	8260B	5030B	
1,4-DIOXANE	8.6	J	J	UG/L	1	20	0.64	11/21/08	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	85 RPR			UG/L	1			11/19/08	8260B	5030B	
4-BROMOFLUOROBENZENE	96 RPR			UG/L	1			11/19/08	8260B	5030B	
DIBROMOFLUOROMETHANE	94 RPR			UG/L	1			11/19/08	8260B	5030B	
TOLUENE-D8	110 RPR			UG/L	1			11/19/08	8260B	5030B	
2,4,6-TRIBROMOPHENOL	75 RPR			UG/L	1		0.0	11/21/08	8270C	3520C	
2-FLUOROBIPHENYL	82 RPR			UG/L	1		0.0	11/21/08	8270C	3520C	
2-FLUOROPHENOL	77 RPR			UG/L	1		0.0	11/21/08	8270C	3520C	
NITROBENZENE-D5	81 RPR			UG/L	1		0.0	11/21/08	8270C	3520C	
PHENOL-D5	74 RPR			UG/L	1		0.0	11/21/08	8270C	3520C	
TERPHENYL-D14	86 RPR			UG/L	1		0.0	11/21/08	8270C	3520C	

Location: MW-7A
Date Sampled: 11/11/2008 10:30:00
Lab Sample ID: K2WXQ1-AA FS
Field Sample ID: KEN-G-MW-7A-DUP
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	1.2			UG/L	1	1.0	0.43	11/19/08	8260B	5030B	
1,4-DIOXANE	9.7	J	J	UG/L	1	20	0.64	11/21/08	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	91 RPR			UG/L	1			11/19/08	8260B	5030B	
4-BROMOFLUOROBENZENE	100 RPR			UG/L	1			11/19/08	8260B	5030B	
DIBROMOFLUOROMETHANE	96 RPR			UG/L	1			11/19/08	8260B	5030B	
TOLUENE-D8	109 RPR			UG/L	1			11/19/08	8260B	5030B	
2,4,6-TRIBROMOPHENOL	78 RPR			UG/L	1		0.0	11/21/08	8270C	3520C	
2-FLUOROBIPHENYL	80 RPR			UG/L	1		0.0	11/21/08	8270C	3520C	
2-FLUOROPHENOL	82 RPR			UG/L	1		0.0	11/21/08	8270C	3520C	
NITROBENZENE-D5	80 RPR			UG/L	1		0.0	11/21/08	8270C	3520C	
PHENOL-D5	76 RPR			UG/L	1		0.0	11/21/08	8270C	3520C	
TERPHENYL-D14	86 RPR			UG/L	1		0.0	11/21/08	8270C	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q08
Reporting Limit: MDL

Location: TBLK-SW
Date Sampled: 11/10/2008 07:15:00
Lab Sample ID: K2W1L1-AA TB
Field Sample ID: KEN-K-TBLK-SW
Sample Type: Blank Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/21/08	8260B	5030B	
Surrogates											
1,2-DICHLOROETHANE-D4	96 RPR			UG/L	1			11/21/08	8260B	5030B	
4-BROMOFLUOROBENZENE	100 RPR			UG/L	1			11/21/08	8260B	5030B	
DIBROMOFLUOROMETHANE	97 RPR			UG/L	1			11/21/08	8260B	5030B	
TOLUENE-D8	109 RPR			UG/L	1			11/21/08	8260B	5030B	

Location: TBLK-GW1
Date Sampled: 11/10/2008 07:15:00
Lab Sample ID: K2W1T1-AA TB
Field Sample ID: KEN-K-TBLK-GW1
Sample Type: Blank Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.43			UG/L	1	1.0	0.43	11/21/08	8260B	5030B	
Surrogates											
1,2-DICHLOROETHANE-D4	95 RPR			UG/L	1			11/21/08	8260B	5030B	
4-BROMOFLUOROBENZENE	105 RPR			UG/L	1			11/21/08	8260B	5030B	
DIBROMOFLUOROMETHANE	100 RPR			UG/L	1			11/21/08	8260B	5030B	
TOLUENE-D8	108 RPR			UG/L	1			11/21/08	8260B	5030B	

Corporate Environmental Database
Lab Analysis QAQC Report

Site: KENTEC
Project: GW SAMPLING 4Q08

5/16/2012

Batch Identifier 233523 3520C 8270C 17-NOV-08 8322504 K1D

Method Number: 8270C Prep Method: 3520C Pre-prep:
Batch Start Date: 11/17/2008 Intrument: K1D

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type LCS	Lab Sample ID: K24031-AC LCS			Lab: TAL-QES-AU					
1,2,4,5-TETRACHLOROBENZENE	52.2	UG/L	1.2	NS	104	62	105		
1,2,4-TRICHLOROBENZENE	43.2	UG/L	0.84	NS	86	63	104		
1,2-DICHLOROBENZENE	44.8	UG/L	0.97	NS	90	58	107		
1,3-DICHLOROBENZENE	44.7	UG/L	0.99	NS	89	59	106		
1,4-DICHLOROBENZENE	43.8	UG/L	0.81	NS	88	59	108		
1,4-DIOXANE	44.5	UG/L	0.64	NS	89	29	116		
2,3,4,6-TETRACHLOROPHENOL	41.1	UG/L	1.2	NS	82	49	119		
2,4,5-TRICHLOROPHENOL	43.8	UG/L	1.0	NS	88	56	109		
2,4,6-TRICHLOROPHENOL	43.3	UG/L	1.1	NS	87	62	106		
2,4-DICHLOROPHENOL	44.1	UG/L	1.0	NS	88	64	106		
2,4-DIMETHYLPHENOL	32.4	UG/L	1.9	NS	65	17	97		
2,4-DINITROPHENOL	30.5	UG/L	3.7	NS	61	46	115		
2,4-DINITROTOLUENE	43.4	UG/L	2.9	NS	87	55	113		
2,6-DICHLOROPHENOL	50.7	UG/L	0.72	NS	101	63	104		
2,6-DINITROTOLUENE	41.8	UG/L	1.0	NS	84	61	106		
2-CHLORONAPHTHALENE	41.2	UG/L	1.5	NS	82	62	112		
2-CHLOROPHENOL	44.6	UG/L	1.5	NS	89	61	106		
2-METHYLNAPHTHALENE	45.9	UG/L	0.97	NS	92	62	107		
2-METHYLPHENOL	43.6	UG/L	1.8	NS	87	57	106		
2-NITROANILINE	46.4	UG/L	1.2	NS	93	58	113		
2-NITROPHENOL	46.9	UG/L	1.1	NS	94	63	107		
3,3"-DICHLOROBENZIDINE	39.9	UG/L	1.7	NS	80	22	121		
3-METHYLPHENOL & 4-METHYLPHENOL	43.0	UG/L	2.6	NS	86	62	108		
3-NITROANILINE	44.7	UG/L	1.2	NS	89	43	124		
4,6-DINITRO-2-METHYLPHENOL	39.4	UG/L	3.6	NS	79	65	114		
4-BROMOPHENYL PHENYL ETHER	42.4	UG/L	0.93	NS	85	60	116		
4-CHLORO-3-METHYLPHENOL	47.0	UG/L	1.1	NS	94	64	105		
4-CHLOROANILINE	40.5	UG/L	1.7	NS	81	35	110		
4-CHLOROPHENYL PHENYL ETHER	42.9	UG/L	1.4	NS	86	57	110		
4-NITROANILINE	42.5	UG/L	1.1	NS	85	48	130		
4-NITROPHENOL	40.2	UG/L	4.1	NS	80	46	122		
ACENAPHTHENE	41.1	UG/L	1.1	NS	82	67	105		
ACENAPHTHYLENE	42.1	UG/L	0.90	NS	84	65	106		
ACETOPHENONE	47.9	UG/L	0.68	NS	96	62	115		
ANILINE	34.2	UG/L	2.0	NS	68	26	111		
ANTHRACENE	40.9	UG/L	1.1	NS	82	60	108		
BENZO(A)ANTHRACENE	40.4	UG/L	1.1	NS	81	63	109		
BENZO(A)PYRENE	39.9	UG/L	1.1	NS	80	64	104		
BENZO(B)FLUORANTHENE	40.7	UG/L	0.79	NS	81	59	108		
BENZO(GHI)PERYLENE	40.2	UG/L	0.76	NS	80	55	124		
BENZO(K)FLUORANTHENE	43.2	UG/L	1.2	NS	86	57	125		
BENZYL ALCOHOL	50.5	UG/L	1.6	NS	101	57	122		
BIPHENYL	51.2	UG/L	1.2	NS	102	43	162		
BIS(2-CHLOROETHOXY)METHANE	44.8	UG/L	1.1	NS	90	56	112		
BIS(2-CHLOROETHYL) ETHER	43.4	UG/L	0.54	NS	87	55	110		
BIS(2-CHLOROISOPROPYL) ETHER	45.6	UG/L	1.2	NS	91	54	112		
BIS(2-ETHYLHEXYL) PHTHALATE	45.9	UG/L	2.7	NS	92	10	174		
BUTYL BENZYL PHTHALATE	45.2	UG/L	0.99	NS	90	59	109		
CHRYSENE	45.2	UG/L	1.1	NS	90	65	111		
DIBENZ(A,H)ANTHRACENE	40.8	UG/L	1.0	NS	82	60	118		
DIBENZOFURAN	42.3	UG/L	1.1	NS	85	65	108		
DIETHYL PHTHALATE	43.6	UG/L	1.5	NS	87	61	108		
DIMETHYL PHTHALATE	42.8	UG/L	1.3	NS	86	65	105		
DI-N-BUTYL PHTHALATE	45.9	UG/L	1.1	NS	92	60	110		
DI-N-OCTYL PHTHALATE	49.2	UG/L	1.1	NS	98	59	113		
DIPHENYL ETHER	50.0	UG/L	0.58	NS	100	69	132		
DIPHENYLAMINE	33.4	UG/L	0.94	NS	67	47	92		
FLUORANTHENE	43.6	UG/L	0.92	NS	87	65	112		
FLUORENE	42.2	UG/L	1.0	NS	84	66	106		
HEXACHLOROBENZENE	42.2	UG/L	1.5	NS	84	65	108		
HEXACHLOROBUTADIENE	43.0	UG/L	1.3	NS	86	59	105		
HEXACHLOROCYCLOPENTADIENE	14.1	UG/L	3.4	NS	28	1.0	91		

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type LCS	Lab Sample ID: K24031-AC LCS			Lab: TAL-QES-AU					
HEXACHLOROETHANE	45.0	UG/L	0.94	NS	90	56	112		
HEXACHLOROPROPENE	46.1	UG/L	0.84	NS	92	42	129		
INDENO(1,2,3-CD)PYRENE	39.5	UG/L	1.1	NS	79	60	118		
ISOPHORONE	41.7	UG/L	1.1	NS	83	64	112		
NAPHTHALENE	43.2	UG/L	0.88	NS	86	61	111		
NITROBENZENE	44.7	UG/L	1.1	NS	89	61	108		
N-NITROSODIETHYLAMINE	46.0	UG/L	1.3	NS	92	41	117		
N-NITROSODIMETHYLAMINE	42.6	UG/L	0.94	NS	85	36	114		
N-NITROSODI-N-BUTYLAMINE	41.0	UG/L	1.0	NS	82	35	125		
N-NITROSODI-N-PROPYLAMINE	47.6	UG/L	1.0	NS	95	53	113		
N-NITROSODIPHENYLAMINE	33.4	UG/L	0.94	NS	67	46	92		
N-NITROSOMETHYLETHYLAMINE	46.0	UG/L	1.2	NS	92	48	111		
N-NITROSOPIPERIDINE	46.7	UG/L	1.4	NS	93	51	108		
N-NITROSOPYRROLIDINE	47.8	UG/L	1.2	NS	96	48	118		
PENTACHLOROBENZENE	49.8	UG/L	0.54	NS	100	64	105		
PENTACHLOROPHENOL	41.1	UG/L	5.4	NS	82	56	114		
PHENANTHRENE	40.7	UG/L	1.0	NS	81	60	112		
PHENOL	44.2	UG/L	2.1	NS	88	54	124		
PYRENE	41.9	UG/L	0.92	NS	84	64	108		
PYRIDINE	37.0	UG/L	1.9	NS	74	18	126		
2,4,6-TRIBROMOPHENOL	94 RPR	UG/L	0.0	NS	94	67	120		
2-FLUOROBIPHENYL	86 RPR	UG/L	0.0	NS	86	63	117		
2-FLUOROPHENOL	91 RPR	UG/L	0.0	NS	91	59	113		
NITROBENZENE-D5	94 RPR	UG/L	0.0	NS	94	69	117		
PHENOL-D5	91 RPR	UG/L	0.0	NS	91	62	121		
TERPHENYL-D14	92 RPR	UG/L	0.0	NS	92	65	106		
Sample Type MB	Lab Sample ID: K24031-AA MB			Lab: TAL-QES-AU					
1,2,4,5-TETRACHLOROBENZENE	< 1.2	UG/L	1.2	10					
1,2,4-TRICHLOROBENZENE	< 0.84	UG/L	0.84	10					
1,2-DICHLOROBENZENE	< 0.97	UG/L	0.97	10					
1,3,5-TRINITROBENZENE	< 0.53	UG/L	0.53	20					
1,3-DICHLOROBENZENE	< 0.99	UG/L	0.99	10					
1,3-DINITROBENZENE	< 0.97	UG/L	0.97	20					
1,4-DICHLOROBENZENE	< 0.81	UG/L	0.81	10					
1,4-DIOXANE	< 0.64	UG/L	0.64	10					
1,4-NAPHTHOQUINONE	< 0.86	UG/L	0.86	50					
1-NAPHTHYLAMINE	< 2.3	UG/L	2.3	50					
2,3,4,6-TETRACHLOROPHENOL	< 1.2	UG/L	1.2	10					
2,4,5-TRICHLOROPHENOL	< 1.0	UG/L	1.0	10					
2,4,6-TRICHLOROPHENOL	< 1.1	UG/L	1.1	10					
2,4-DICHLOROPHENOL	< 1.0	UG/L	1.0	10					
2,4-DIMETHYLPHENOL	< 1.9	UG/L	1.9	10					
2,4-DINITROPHENOL	< 3.7	UG/L	3.7	50					
2,4-DINITROTOLUENE	< 2.9	UG/L	2.9	10					
2,6-DICHLOROPHENOL	< 0.72	UG/L	0.72	10					
2,6-DINITROTOLUENE	< 1.0	UG/L	1.0	10					
2-ACETYLAMINOFLUORENE	< 0.66	UG/L	0.66	10					
2-CHLORONAPHTHALENE	< 1.5	UG/L	1.5	10					
2-CHLOROPHENOL	< 1.5	UG/L	1.5	10					
2-METHYLNAPHTHALENE	< 0.97	UG/L	0.97	10					
2-METHYLPHENOL	< 1.8	UG/L	1.8	10					
2-NAPHTHYLAMINE	< 2.6	UG/L	2.6	50					
2-NITROANILINE	< 1.2	UG/L	1.2	50					
2-NITROPHENOL	< 1.1	UG/L	1.1	10					
2-PICOLINE	< 1.1	UG/L	1.1	10					
3,3"-DICHLOROBENZIDINE	< 1.7	UG/L	1.7	50					
3,3"-DIMETHYLBENZIDINE	< 0.85	UG/L	0.85	50					
3-METHYLCHOLANTHRENE	< 2.0	UG/L	2.0	20					
3-METHYLPHENOL & 4-METHYLPHENOL	< 2.6	UG/L	2.6	20					
3-NITROANILINE	< 1.2	UG/L	1.2	50					
4,6-DINITRO-2-METHYLPHENOL	< 3.6	UG/L	3.6	50					
4-AMINOBIPHENYL	< 2.1	UG/L	2.1	50					
4-BROMOPHENYL PHENYL ETHER	< 0.93	UG/L	0.93	10					
4-CHLORO-3-METHYLPHENOL	< 1.1	UG/L	1.1	10					
4-CHLOROANILINE	< 1.7	UG/L	1.7	10					
4-CHLOROPHENYL PHENYL ETHER	< 1.4	UG/L	1.4	10					
4-DIMETHYLAMINOAZOBENZENE	< 1.7	UG/L	1.7	10					
4-NITROANILINE	< 1.1	UG/L	1.1	50					

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type MB	Lab Sample ID: K24031-AA MB			Lab: TAL-QES-AU					
4-NITROPHENOL	< 4.1	UG/L	4.1	50					
4-NITROQUINOLINE-1-OXIDE	< 25	UG/L	25	50					
5-NITRO-O-TOLUIDINE	< 0.67	UG/L	0.67	10					
7,12-DIMETHYLBENZ(A)ANTHRACENE	< 1.6	UG/L	1.6	10					
A,A-DIMETHYLPHENETHYLAMINE	< 7.8	UG/L	7.8	100					
ACENAPHTHENE	< 1.1	UG/L	1.1	10					
ACENAPHTHYLENE	< 0.90	UG/L	0.90	10					
ACETOPHENONE	< 0.68	UG/L	0.68	10					
ANILINE	< 2.0	UG/L	2.0	10					
ANTHRACENE	< 1.1	UG/L	1.1	10					
ARAMITE (TOTAL)	< 0.71	UG/L	0.71	10					
BENZO(A)ANTHRACENE	< 1.1	UG/L	1.1	10					
BENZO(A)PYRENE	< 1.1	UG/L	1.1	10					
BENZO(B)FLUORANTHENE	< 0.79	UG/L	0.79	10					
BENZO(GHI)PERYLENE	< 0.76	UG/L	0.76	10					
BENZO(K)FLUORANTHENE	< 1.2	UG/L	1.2	10					
BENZYL ALCOHOL	< 1.6	UG/L	1.6	10					
BIPHENYL	< 1.2	UG/L	1.2	10					
BIS(2-CHLOROETHOXY)METHANE	< 1.1	UG/L	1.1	10					
BIS(2-CHLOROETHYL) ETHER	< 0.54	UG/L	0.54	10					
BIS(2-CHLOROISOPROPYL) ETHER	< 1.2	UG/L	1.2	10					
BIS(2-ETHYLHEXYL) PHTHALATE	< 2.7	UG/L	2.7	10					
BUTYL BENZYL PHTHALATE	< 0.99	UG/L	0.99	10					
CHLOROBENZILATE	< 0.57	UG/L	0.57	10					
CHRYSENE	< 1.1	UG/L	1.1	10					
DIALLATE	< 0.82	UG/L	0.82	20					
DIBENZ(A,H)ANTHRACENE	< 1.0	UG/L	1.0	10					
DIBENZOFURAN	< 1.1	UG/L	1.1	10					
DIETHYL PHTHALATE	< 1.5	UG/L	1.5	10					
DIMETHOATE	< 0.82	UG/L	0.82	20					
DIMETHYL PHTHALATE	< 1.3	UG/L	1.3	10					
DI-N-BUTYL PHTHALATE	< 1.1	UG/L	1.1	10					
DI-N-OCTYL PHTHALATE	< 1.1	UG/L	1.1	10					
DIPHENYL ETHER	< 0.58	UG/L	0.58	10					
DIPHENYLAMINE	< 0.94	UG/L	0.94	10					
ETHYL METHANESULFONATE	< 0.59	UG/L	0.59	10					
FLUORANTHENE	< 0.92	UG/L	0.92	10					
FLUORENE	< 1.0	UG/L	1.0	10					
HEXACHLOROBENZENE	< 1.5	UG/L	1.5	10					
HEXACHLOROBUTADIENE	< 1.3	UG/L	1.3	10					
HEXACHLOROCYCLOPENTADIENE	< 3.4	UG/L	3.4	50					
HEXACHLOROETHANE	< 0.94	UG/L	0.94	10					
HEXACHLOROPROPENE	< 0.84	UG/L	0.84	10					
INDENO(1,2,3-CD)PYRENE	< 1.1	UG/L	1.1	10					
ISODRIN	< 0.88	UG/L	0.88	10					
ISOPHORONE	< 1.1	UG/L	1.1	10					
ISOSAFROLE	< 0.97	UG/L	0.97	10					
METHAPYRILENE	< 5.2	UG/L	5.2	50					
METHYL METHANESULFONATE	< 0.66	UG/L	0.66	10					
NAPHTHALENE	< 0.88	UG/L	0.88	10					
NITROBENZENE	< 1.1	UG/L	1.1	10					
N-NITROSODIETHYLAMINE	< 1.3	UG/L	1.3	10					
N-NITROSODIMETHYLAMINE	< 0.94	UG/L	0.94	10					
N-NITROSODI-N-BUTYLAMINE	< 1.0	UG/L	1.0	10					
N-NITROSODI-N-PROPYLAMINE	< 1.0	UG/L	1.0	10					
N-NITROSODIPHENYLAMINE	< 0.94	UG/L	0.94	10					
N-NITROSOMETHYLETHYLAMINE	< 1.2	UG/L	1.2	10					
N-NITROSOMORPHOLINE	< 1.5	UG/L	1.5	10					
N-NITROSOPIPERIDINE	< 1.4	UG/L	1.4	10					
N-NITROSOPYRROLIDINE	< 1.2	UG/L	1.2	10					
O,O,O-TRIETHYL PHOSPHOROTHIOATE	< 0.71	UG/L	0.71	20					
O-TOLUIDINE	< 1.1	UG/L	1.1	10					
PENTACHLOROBENZENE	< 0.54	UG/L	0.54	10					
PENTACHLORONITROBENZENE	< 0.71	UG/L	0.71	10					
PENTACHLOROPHENOL	< 5.4	UG/L	5.4	50					
PHENACETIN	< 0.76	UG/L	0.76	10					
PHENANTHRENE	< 1.0	UG/L	1.0	10					
PHENOL	< 2.1	UG/L	2.1	10					

Corporate Environmental Database
Lab Analysis QAQC Report

Site: KENTEC 5/16/2012

Project: GW SAMPLING 4Q08

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type MB	Lab Sample ID: K24031-AA MB			Lab: TAL-QES-AU					
P-PHENYLENE DIAMINE	< 10	UG/L	10	100					
PRONAMIDE	< 0.71	UG/L	0.71	10					
PYRENE	< 0.92	UG/L	0.92	10					
PYRIDINE	< 1.9	UG/L	1.9	10					
SAFROLE	< 0.85	UG/L	0.85	10					
SULFOTEPP	< 0.88	UG/L	0.88	20					
THIONAZIN	< 0.63	UG/L	0.63	10					
2,4,6-TRIBROMOPHENOL	84 RPR	UG/L	0.0		84	51	130		
2-FLUOROBIPHENYL	83 RPR	UG/L	0.0		83	58	116		
2-FLUOROPHENOL	90 RPR	UG/L	0.0		90	44	114		
NITROBENZENE-D5	88 RPR	UG/L	0.0		88	52	114		
PHENOL-D5	90 RPR	UG/L	0.0		90	45	116		
TERPHENYL-D14	89 RPR	UG/L	0.0		89	64	126		
Sample Type MS	Lab Sample ID: K2QV91-AC MS			Lab: TAL-QES-AU					
1,2,4,5-TETRACHLOROBENZENE	56.3	UG/L	1.3	NS	107	62	105		
1,2,4-TRICHLOROBENZENE	45.1	UG/L	0.88	NS	86	63	104		
1,2-DICHLOROBENZENE	47.6	UG/L	1.0	NS	91	58	107		
1,3-DICHLOROBENZENE	47.7	UG/L	1.0	NS	91	59	106		
1,4-DICHLOROBENZENE	46.7	UG/L	0.85	NS	89	59	108		
1,4-DIOXANE	55.5	UG/L	0.68	NS	89	29	116		
2,3,4,6-TETRACHLOROPHENOL	48.0	UG/L	1.2	NS	91	49	119		
2,4,5-TRICHLOROPHENOL	47.7	UG/L	1.1	NS	91	56	109		
2,4,6-TRICHLOROPHENOL	48.7	UG/L	1.1	NS	93	62	106		
2,4-DICHLOROPHENOL	48.4	UG/L	1.1	NS	92	64	106		
2,4-DIMETHYLPHENOL	40.5	UG/L	2.0	NS	77	17	97		
2,4-DINITROPHENOL	39.9	UG/L	3.9	NS	76	46	115		
2,4-DINITROTOLUENE	47.1	UG/L	3.0	NS	90	55	113		
2,6-DICHLOROPHENOL	55.1	UG/L	0.75	NS	105	63	104		
2,6-DINITROTOLUENE	45.6	UG/L	1.1	NS	87	61	106		
2-CHLORONAPHTHALENE	44.2	UG/L	1.5	NS	84	62	112		
2-CHLOROPHENOL	48.3	UG/L	1.6	NS	92	61	106		
2-METHYLNAPHTHALENE	49.1	UG/L	1.0	NS	93	62	107		
2-METHYLPHENOL	47.8	UG/L	1.9	NS	91	57	106		
2-NITROANILINE	50.2	UG/L	1.2	NS	95	58	113		
2-NITROPHENOL	49.1	UG/L	1.1	NS	93	63	107		
3,3"-DICHLOROBENZIDINE	1.87	UG/L	1.8	NS	3.5	22	121		
3-METHYLPHENOL & 4-METHYLPHENOL	48.1	UG/L	2.7	NS	91	62	108		
3-NITROANILINE	39.1	UG/L	1.3	NS	74	43	124		
4,6-DINITRO-2-METHYLPHENOL	43.7	UG/L	3.7	NS	83	65	114		
4-BROMOPHENYL PHENYL ETHER	45.8	UG/L	0.98	NS	87	60	116		
4-CHLORO-3-METHYLPHENOL	51.7	UG/L	1.1	NS	98	64	105		
4-CHLOROANILINE	36.6	UG/L	1.7	NS	69	35	110		
4-CHLOROPHENYL PHENYL ETHER	45.8	UG/L	1.5	NS	87	57	110		
4-NITROANILINE	41.0	UG/L	1.1	NS	78	48	130		
4-NITROPHENOL	48.1	UG/L	4.3	NS	91	46	122		
ACENAPHTHENE	44.2	UG/L	1.2	NS	84	67	105		
ACENAPHTHYLENE	42.4	UG/L	0.95	NS	80	65	106		
ACETOPHENONE	51.2	UG/L	0.71	NS	97	62	115		
ANILINE	30.7	UG/L	2.1	NS	58	26	111		
ANTHRACENE	40.3	UG/L	1.2	NS	77	60	108		
BENZO(A)ANTHRACENE	42.3	UG/L	1.2	NS	80	63	109		
BENZO(A)PYRENE	41.8	UG/L	1.2	NS	79	64	104		
BENZO(B)FLUORANTHENE	44.2	UG/L	0.83	NS	84	59	108		
BENZO(GHI)PERYLENE	43.0	UG/L	0.80	NS	82	55	124		
BENZO(K)FLUORANTHENE	45.3	UG/L	1.3	NS	86	57	125		
BENZYL ALCOHOL	56.5	UG/L	1.7	NS	107	57	122		
BIPHENYL	54.1	UG/L	1.3	NS	103	43	162		
BIS(2-CHLOROETHOXY)METHANE	48.0	UG/L	1.2	NS	91	56	112		
BIS(2-CHLOROETHYL) ETHER	49.8	UG/L	0.57	NS	95	55	110		
BIS(2-CHLOROISOPROPYL) ETHER	49.2	UG/L	1.3	NS	93	54	112		
BIS(2-ETHYLHEXYL) PHTHALATE	47.0	UG/L	2.9	NS	87	10	174		
BUTYL BENZYL PHTHALATE	48.6	UG/L	1.0	NS	92	59	109		
CHRYSENE	47.5	UG/L	1.1	NS	90	65	111		
DIBENZ(A,H)ANTHRACENE	44.1	UG/L	1.1	NS	84	60	118		
DIBENZOFURAN	45.5	UG/L	1.1	NS	87	65	108		
DIETHYL PHTHALATE	47.3	UG/L	1.5	NS	90	61	108		
DIMETHYL PHTHALATE	46.7	UG/L	1.3	NS	89	65	105		
DI-N-BUTYL PHTHALATE	48.7	UG/L	1.2	NS	91	60	110		

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type MS	Lab Sample ID: K2QV91-AC MS			Lab: TAL-QES-AU					
DI-N-OCTYL PHTHALATE	54.8	UG/L	1.2	NS	104	59	113		
DIPHENYL ETHER	53.8	UG/L	0.61	NS	102	69	132		
DIPHENYLAMINE	26.7	UG/L	0.98	NS	51	47	92		
FLUORANTHENE	46.0	UG/L	0.97	NS	87	65	112		
FLUORENE	45.2	UG/L	1.1	NS	86	66	106		
HEXACHLOROBENZENE	44.8	UG/L	1.5	NS	85	65	108		
HEXACHLOROBUTADIENE	45.0	UG/L	1.3	NS	86	59	105		
HEXACHLOROCYCLOPENTADIENE	13.5	UG/L	3.6	NS	26	1.0	91		
HEXACHLOROETHANE	47.4	UG/L	0.99	NS	90	56	112		
HEXACHLOROPROPENE	34.8	UG/L	0.88	NS	66	42	129		
INDENO(1,2,3-CD)PYRENE	42.1	UG/L	1.2	NS	80	60	118		
ISOPHORONE	44.7	UG/L	1.1	NS	85	64	112		
NAPHTHALENE	45.5	UG/L	0.92	NS	87	61	111		
NITROBENZENE	47.6	UG/L	1.2	NS	90	61	108		
NITROBENZENE-D5	95 RPR	UG/L		NS	95	52	114		
N-NITROSODIETHYLAMINE	49.9	UG/L	1.3	NS	95	41	117		
N-NITROSODIMETHYLAMINE	45.6	UG/L	0.99	NS	87	36	114		
N-NITROSODI-N-BUTYLAMINE	44.0	UG/L	1.1	NS	84	35	125		
N-NITROSODI-N-PROPYLAMINE	51.1	UG/L	1.1	NS	97	53	113		
N-NITROSODIPHENYLAMINE	26.7	UG/L	0.98	NS	51	46	92		
N-NITROSOMETHYLETHYLAMINE	48.9	UG/L	1.3	NS	93	45	111		
N-NITROSOPIPERIDINE	49.2	UG/L	1.4	NS	93	51	108		
N-NITROSOPYRROLIDINE	51.0	UG/L	1.3	NS	97	48	118		
PENTACHLOROBENZENE	52.6	UG/L	0.57	NS	100	64	105		
PENTACHLOROPHENOL	49.0	UG/L	5.7	NS	93	56	114		
PHENANTHRENE	44.2	UG/L	1.0	NS	84	60	112		
PHENOL	49.4	UG/L	2.2	NS	94	54	124		
PYRENE	43.6	UG/L	0.96	NS	83	64	108		
PYRIDINE	41.5	UG/L	2.0	NS	79	18	126		
2,4,6-TRIBROMOPHENOL	99 RPR	UG/L		NS	99	51	130		
2-FLUOROBIPHENYL	88 RPR	UG/L		NS	88	58	116		
2-FLUOROPHENOL	91 RPR	UG/L		NS	91	44	114		
PHENOL-D5	93 RPR	UG/L		NS	93	45	116		
TERPHENYL-D14	93 RPR	UG/L		NS	93	64	126		
Sample Type MSD	Lab Sample ID: K2QV91-AD MSD			Lab: TAL-QES-AU					
1,2,4,5-TETRACHLOROBENZENE	59.0	UG/L	1.3	NS	112	62	105	4.8	30
1,2,4-TRICHLOROBENZENE	46.8	UG/L	0.88	NS	89	63	104	3.7	30
1,2-DICHLOROBENZENE	49.5	UG/L	1.0	NS	94	58	107	3.9	30
1,3-DICHLOROBENZENE	49.2	UG/L	1.0	NS	94	59	106	3.3	30
1,4-DICHLOROBENZENE	49.0	UG/L	0.85	NS	93	59	108	4.8	30
1,4-DIOXANE	56.7	UG/L	0.68	NS	92	29	116	2.2	30
2,3,4,6-TETRACHLOROPHENOL	49.1	UG/L	1.2	NS	93	49	119	2.4	30
2,4,5-TRICHLOROPHENOL	48.2	UG/L	1.1	NS	92	56	109	0.97	30
2,4,6-TRICHLOROPHENOL	49.7	UG/L	1.1	NS	95	62	106	2.0	30
2,4-DICHLOROPHENOL	49.2	UG/L	1.1	NS	93	64	106	1.7	30
2,4-DIMETHYLPHENOL	45.8	UG/L	2.0	NS	87	17	97	12	30
2,4-DINITROPHENOL	40.9	UG/L	3.9	NS	78	46	115	2.4	30
2,4-DINITROTOLUENE	48.7	UG/L	3.0	NS	93	55	113	3.3	30
2,6-DICHLOROPHENOL	56.4	UG/L	0.75	NS	107	63	104	2.2	30
2,6-DINITROTOLUENE	47.3	UG/L	1.1	NS	90	61	106	3.6	30
2-CHLORONAPHTHALENE	46.1	UG/L	1.5	NS	88	62	112	4.2	30
2-CHLOROPHENOL	49.7	UG/L	1.6	NS	95	61	106	2.9	30
2-METHYLNAPHTHALENE	51.0	UG/L	1.0	NS	97	62	107	3.9	30
2-METHYLPHENOL	49.6	UG/L	1.9	NS	94	57	106	3.6	30
2-NITROANILINE	53.1	UG/L	1.2	NS	101	58	113	5.6	30
2-NITROPHENOL	51.0	UG/L	1.1	NS	97	63	107	3.6	30
3,3"-DICHLOROBENZIDINE	5.85	UG/L	1.8	NS	11	22	121	103	30
3-METHYLPHENOL & 4-METHYLPHENOL	49.3	UG/L	2.7	NS	94	62	108	2.5	30
3-NITROANILINE	43.8	UG/L	1.3	NS	83	43	124	11	30
4,6-DINITRO-2-METHYLPHENOL	44.0	UG/L	3.7	NS	84	65	114	0.65	30
4-BROMOPHENYL PHENYL ETHER	47.3	UG/L	0.98	NS	90	60	116	3.1	30
4-CHLORO-3-METHYLPHENOL	53.2	UG/L	1.1	NS	101	64	105	3.0	30
4-CHLOROANILINE	39.9	UG/L	1.7	NS	76	35	110	8.7	30
4-CHLOROPHENYL PHENYL ETHER	47.7	UG/L	1.5	NS	91	57	110	4.0	30
4-NITROANILINE	46.9	UG/L	1.1	NS	89	48	130	13	30
4-NITROPHENOL	48.5	UG/L	4.3	NS	92	46	122	0.95	30
ACENAPHTHENE	46.1	UG/L	1.2	NS	88	67	105	4.1	30
ACENAPHTHYLENE	45.0	UG/L	0.95	NS	85	65	106	5.9	30

Corporate Environmental Database
Lab Analysis QAQC Report

Site: KENTEC 5/16/2012

Project: GW SAMPLING 4Q08

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type MSD	Lab Sample ID: K2QV91-AD MSD			Lab: TAL-QES-AU					
ACETOPHENONE	52.9	UG/L	0.71	NS	100	62	115	3.3	30
ANILINE	35.3	UG/L	2.1	NS	67	26	111	14	30
ANTHRACENE	42.0	UG/L	1.2	NS	80	60	108	4.3	30
BENZO(A)ANTHRACENE	43.5	UG/L	1.2	NS	82	63	109	2.9	30
BENZO(A)PYRENE	44.1	UG/L	1.2	NS	84	64	104	5.4	30
BENZO(B)FLUORANTHENE	48.1	UG/L	0.83	NS	91	59	108	8.5	30
BENZO(GHI)PERYLENE	44.7	UG/L	0.80	NS	85	55	124	3.7	30
BENZO(K)FLUORANTHENE	45.6	UG/L	1.3	NS	87	57	125	0.49	30
BENZYL ALCOHOL	59.2	UG/L	1.7	NS	112	57	122	4.6	30
BIPHENYL	56.2	UG/L	1.3	NS	107	43	162	3.7	30
BIS(2-CHLOROETHOXY)METHANE	49.8	UG/L	1.2	NS	95	56	112	3.8	30
BIS(2-CHLOROETHYL) ETHER	49.0	UG/L	0.57	NS	93	55	110	1.5	30
BIS(2-CHLOROISOPROPYL) ETHER	51.0	UG/L	1.3	NS	97	54	112	3.6	30
BIS(2-ETHYLHEXYL) PHTHALATE	49.5	UG/L	2.9	NS	92	10	174	5.1	30
BUTYL BENZYL PHTHALATE	49.5	UG/L	1.0	NS	94	59	109	1.9	30
CHRYSENE	49.2	UG/L	1.1	NS	93	65	111	3.4	30
DIBENZ(A,H)ANTHRACENE	45.4	UG/L	1.1	NS	86	60	118	3.0	30
DIBENZOFURAN	47.2	UG/L	1.1	NS	90	65	108	3.5	30
DIETHYL PHTHALATE	48.5	UG/L	1.5	NS	92	61	108	2.5	30
DIMETHYL PHTHALATE	47.3	UG/L	1.3	NS	90	65	105	1.4	30
DI-N-BUTYL PHTHALATE	49.9	UG/L	1.2	NS	93	60	110	2.4	30
DI-N-OCTYL PHTHALATE	56.5	UG/L	1.2	NS	107	59	113	3.0	30
DIPHENYL ETHER	55.6	UG/L	0.61	NS	106	69	132	3.3	30
DIPHENYLAMINE	29.0	UG/L	0.98	NS	55	47	92	8.4	30
FLUORANTHENE	47.9	UG/L	0.97	NS	91	65	112	4.0	30
FLUORENE	46.9	UG/L	1.1	NS	89	66	106	3.6	30
HEXACHLOROBENZENE	46.1	UG/L	1.5	NS	88	65	108	2.7	30
HEXACHLOROBUTADIENE	46.4	UG/L	1.3	NS	88	59	105	2.9	30
HEXACHLOROCYCLOPENTADIENE	19.4	UG/L	3.6	NS	37	1.0	91	36	30
HEXACHLOROETHANE	49.5	UG/L	0.99	NS	94	56	112	4.2	30
HEXACHLOROPROPENE	35.4	UG/L	0.88	NS	67	42	129	1.9	30
INDENO(1,2,3-CD)PYRENE	43.8	UG/L	1.2	NS	83	60	118	4.1	30
ISOPHORONE	46.4	UG/L	1.1	NS	88	64	112	3.6	30
NAPHTHALENE	47.3	UG/L	0.92	NS	90	61	111	3.8	30
NITROBENZENE	49.3	UG/L	1.2	NS	94	61	108	3.6	30
N-NITROSODIETHYLAMINE	52.8	UG/L	1.3	NS	100	41	117	5.7	30
N-NITROSODIMETHYLAMINE	47.5	UG/L	0.99	NS	90	36	114	4.0	30
N-NITROSODI-N-BUTYLAMINE	46.0	UG/L	1.1	NS	87	35	125	4.5	30
N-NITROSODI-N-PROPYLAMINE	54.2	UG/L	1.1	NS	103	53	113	6.0	30
N-NITROSODIPHENYLAMINE	29.0	UG/L	0.98	NS	55	46	92	8.4	30
N-NITROSOMETHYLETHYLAMINE	51.8	UG/L	1.3	NS	98	45	111	5.6	30
N-NITROSOPIPERIDINE	52.2	UG/L	1.4	NS	99	51	108	6.0	30
N-NITROSOPYRROLIDINE	53.9	UG/L	1.3	NS	102	48	118	5.7	30
PENTACHLOROBENZENE	55.5	UG/L	0.57	NS	105	64	105	5.4	30
PENTACHLOROPHENOL	48.4	UG/L	5.7	NS	92	56	114	1.2	30
PHENANTHRENE	45.2	UG/L	1.0	NS	86	60	112	2.2	30
PHENOL	56.5	UG/L	2.2	NS	107	54	124	14	30
PYRENE	45.3	UG/L	0.96	NS	86	64	108	3.8	30
PYRIDINE	44.0	UG/L	2.0	NS	84	18	126	5.7	30
2,4,6-TRIBROMOPHENOL	101 RPR	UG/L		NS	101	51	130		
2-FLUOROBIPHENYL	92 RPR	UG/L		NS	92	58	116		
2-FLUOROPHENOL	95 RPR	UG/L		NS	95	44	114		
NITROBENZENE-D5	99 RPR	UG/L		NS	99	52	114		
PHENOL-D5	97 RPR	UG/L		NS	97	45	116		
TERPHENYL-D14	97 RPR	UG/L		NS	97	64	126		

The following field samples are included in this batch:

Sampleno	Datesmpl	Lab Id	Lab
KEN-G-MW-10A	11/11/2008	K2QVW1-AA FS	TAL-QES-AUS
KEN-G-MW-10B	11/11/2008	K2QV11-AA FS	TAL-QES-AUS
KEN-G-MW-19	11/10/2008	K2QWN1-AA FS	TAL-QES-AUS
KEN-G-MW-3	11/11/2008	K2QVF1-AA FS	TAL-QES-AUS
KEN-G-MW-4A	11/11/2008	K2QVJ1-AA FS	TAL-QES-AUS
KEN-G-MW-7B	11/11/2008	K2QVM1-AA FS	TAL-QES-AUS
KEN-G-MW-9	11/11/2008	K2QVQ1-AA FS	TAL-QES-AUS
KEN-G-SW-11	11/10/2008	K2QV91-AA FS	TAL-QES-AUS

The following field samples are included in this batch:

Sampleno	Datesmpl	Lab Id	Lab
KEN-G-SW-24	11/10/2008	K2QWD1-AA FS	TAL-QES-AUS
KEN-G-SW-29	11/10/2008	K2QWH1-AA FS	TAL-QES-AUS
KEN-G-SW-9	11/10/2008	K2QV31-AA FS	TAL-QES-AUS
KEN-G-SW-9-DUP	11/10/2008	K2QV51-AA FS	TAL-QES-AUS
KEN-K-EQBLK-SW	11/10/2008	K2QWK1-AA FS	TAL-QES-AUS

Corporate Environmental Database
Lab Analysis QAQC Report

Site: KENTEC
Project: GW SAMPLING 4Q08

Batch Identifier 233733 3520C 8270C 19-NOV-08 8325101 B3C

Method Number: 8270C Prep Method: 3520C Pre-prep:
Batch Start Date: 11/19/2008 Intrument: B3C

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type LCS	Lab Sample ID: K3APD1-AC LCS			Lab: TAL-QES-AU					
1,2,4,5-TETRACHLOROBENZENE	47.4	UG/L	1.2	NS	95	62	105		
1,2,4-TRICHLOROBENZENE	43.5	UG/L	0.84	NS	87	63	104		
1,2-DICHLOROBENZENE	44.3	UG/L	0.97	NS	89	58	107		
1,3-DICHLOROBENZENE	45.0	UG/L	0.99	NS	90	59	106		
1,4-DICHLOROBENZENE	42.0	UG/L	0.81	NS	84	59	108		
1,4-DIOXANE	41.8	UG/L	0.64	NS	84	29	116		
2,3,4,6-TETRACHLOROPHENOL	43.6	UG/L	1.2	NS	87	49	119		
2,4,5-TRICHLOROPHENOL	46.7	UG/L	1.0	NS	93	56	109		
2,4,6-TRICHLOROPHENOL	46.5	UG/L	1.1	NS	93	62	106		
2,4-DICHLOROPHENOL	47.0	UG/L	1.0	NS	94	64	106		
2,4-DIMETHYLPHENOL	36.1	UG/L	1.9	NS	72	17	97		
2,4-DINITROPHENOL	50.0	UG/L	3.7	NS	100	46	115		
2,4-DINITROTOLUENE	45.2	UG/L	2.9	NS	90	55	113		
2,6-DICHLOROPHENOL	53.5	UG/L	0.72	NS	107	63	104		
2,6-DINITROTOLUENE	43.5	UG/L	1.0	NS	87	61	106		
2-CHLORONAPHTHALENE	42.5	UG/L	1.5	NS	85	62	112		
2-CHLOROPHENOL	45.9	UG/L	1.5	NS	92	61	106		
2-METHYLNAPHTHALENE	47.4	UG/L	0.97	NS	95	62	107		
2-METHYLPHENOL	45.7	UG/L	1.8	NS	91	57	106		
2-NITROANILINE	41.7	UG/L	1.2	NS	83	58	113		
2-NITROPHENOL	45.2	UG/L	1.1	NS	90	63	107		
3,3"-DICHLOROBENZIDINE	44.1	UG/L	1.7	NS	88	22	121		
3-METHYLPHENOL & 4-METHYLPHENOL	44.9	UG/L	2.6	NS	90	62	108		
3-NITROANILINE	46.6	UG/L	1.2	NS	93	43	124		
4,6-DINITRO-2-METHYLPHENOL	41.6	UG/L	3.6	NS	83	65	114		
4-BROMOPHENYL PHENYL ETHER	45.3	UG/L	0.93	NS	91	60	116		
4-CHLORO-3-METHYLPHENOL	47.1	UG/L	1.1	NS	94	64	105		
4-CHLOROANILINE	44.5	UG/L	1.7	NS	89	35	110		
4-CHLOROPHENYL PHENYL ETHER	45.7	UG/L	1.4	NS	91	57	110		
4-NITROANILINE	47.8	UG/L	1.1	NS	96	48	130		
4-NITROPHENOL	42.5	UG/L	4.1	NS	85	46	122		
ACENAPHTHENE	42.0	UG/L	1.1	NS	84	67	105		
ACENAPHTHYLENE	43.5	UG/L	0.90	NS	87	65	106		
ACETOPHENONE	47.1	UG/L	0.68	NS	94	62	115		
ANILINE	33.7	UG/L	2.0	NS	67	26	111		
ANTHRACENE	43.0	UG/L	1.1	NS	86	60	108		
BENZO(A)ANTHRACENE	40.0	UG/L	1.1	NS	80	63	109		
BENZO(A)PYRENE	41.1	UG/L	1.1	NS	82	64	104		
BENZO(B)FLUORANTHENE	39.8	UG/L	0.79	NS	80	59	108		
BENZO(GHI)PERYLENE	41.5	UG/L	0.76	NS	83	55	124		
BENZO(K)FLUORANTHENE	44.5	UG/L	1.2	NS	89	57	125		
BENZYL ALCOHOL	47.2	UG/L	1.6	NS	94	57	122		
BIPHENYL	48.8	UG/L	1.2	NS	98	43	162		
BIS(2-CHLOROETHOXY)METHANE	45.3	UG/L	1.1	NS	91	56	112		
BIS(2-CHLOROETHYL) ETHER	41.9	UG/L	0.54	NS	84	55	110		
BIS(2-CHLOROISOPROPYL) ETHER	40.8	UG/L	1.2	NS	82	54	112		
BIS(2-ETHYLHEXYL) PHTHALATE	43.2	UG/L	2.7	NS	86	10	174		
BUTYL BENZYL PHTHALATE	43.1	UG/L	0.99	NS	86	59	109		
CHRYSENE	44.0	UG/L	1.1	NS	88	65	111		
DIBENZ(A,H)ANTHRACENE	45.0	UG/L	1.0	NS	90	60	118		
DIBENZOFURAN	43.8	UG/L	1.1	NS	88	65	108		
DIETHYL PHTHALATE	44.2	UG/L	1.5	NS	88	61	108		
DIMETHYL PHTHALATE	45.1	UG/L	1.3	NS	90	65	105		
DI-N-BUTYL PHTHALATE	45.1	UG/L	1.1	NS	90	60	110		
DI-N-OCTYL PHTHALATE	47.1	UG/L	1.1	NS	94	59	113		
DIPHENYL ETHER	48.2	UG/L	0.58	NS	96	69	132		
DIPHENYLAMINE	36.1	UG/L	0.94	NS	72	47	92		
FLUORANTHENE	44.6	UG/L	0.92	NS	89	65	112		
FLUORENE	44.2	UG/L	1.0	NS	88	66	106		
HEXACHLOROBENZENE	44.0	UG/L	1.5	NS	88	65	108		
HEXACHLOROBUTADIENE	43.4	UG/L	1.3	NS	87	59	105		
HEXACHLOROCYCLOPENTADIENE	18.7	UG/L	3.4	NS	37	1.0	91		

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type LCS	Lab Sample ID: K3APD1-AC LCS			Lab: TAL-QES-AU					
HEXACHLOROETHANE	44.1	UG/L	0.94	NS	88	56	112		
HEXACHLOROPROPENE	44.2	UG/L	0.84	NS	88	42	129		
INDENO(1,2,3-CD)PYRENE	44.5	UG/L	1.1	NS	89	60	118		
ISOPHORONE	39.8	UG/L	1.1	NS	80	64	112		
NAPHTHALENE	42.9	UG/L	0.88	NS	86	61	111		
NITROBENZENE	41.3	UG/L	1.1	NS	83	61	108		
N-NITROSODIETHYLAMINE	48.8	UG/L	1.3	NS	98	41	117		
N-NITROSODIMETHYLAMINE	42.6	UG/L	0.94	NS	85	36	114		
N-NITROSODI-N-BUTYLAMINE	39.6	UG/L	1.0	NS	79	35	125		
N-NITROSODI-N-PROPYLAMINE	48.2	UG/L	1.0	NS	96	53	113		
N-NITROSODIPHENYLAMINE	36.1	UG/L	0.94	NS	72	46	92		
N-NITROSOMETHYLETHYLAMINE	45.2	UG/L	1.2	NS	90	48	111		
N-NITROSOPIPERIDINE	49.5	UG/L	1.4	NS	99	51	108		
N-NITROSOPYRROLIDINE	48.8	UG/L	1.2	NS	98	48	118		
PENTACHLOROBENZENE	50.6	UG/L	0.54	NS	101	64	105		
PENTACHLOROPHENOL	47.8	UG/L	5.4	NS	96	56	114		
PHENANTHRENE	44.2	UG/L	1.0	NS	88	60	112		
PHENOL	47.5	UG/L	2.1	NS	95	54	124		
PYRENE	41.3	UG/L	0.92	NS	83	64	108		
PYRIDINE	38.0	UG/L	1.9	NS	76	18	126		
2,4,6-TRIBROMOPHENOL	90 RPR	UG/L	0.0	NS	90	67	120		
2-FLUOROBIPHENYL	81 RPR	UG/L	0.0	NS	81	63	117		
2-FLUOROPHENOL	86 RPR	UG/L	0.0	NS	86	59	113		
NITROBENZENE-D5	81 RPR	UG/L	0.0	NS	81	69	117		
PHENOL-D5	83 RPR	UG/L	0.0	NS	83	62	121		
TERPHENYL-D14	84 RPR	UG/L	0.0	NS	84	65	106		
Sample Type LCSD	Lab Sample ID: K3APD1-AD LCSD			Lab: TAL-QES-AU					
1,2,4,5-TETRACHLOROBENZENE	47.4	UG/L	1.2	NS	95	62	105	0.15	30
1,2,4-TRICHLOROBENZENE	43.4	UG/L	0.84	NS	87	63	104	0.23	30
1,2-DICHLOROBENZENE	45.0	UG/L	0.97	NS	90	58	107	1.5	30
1,3-DICHLOROBENZENE	45.2	UG/L	0.99	NS	90	59	106	0.47	30
1,4-DICHLOROBENZENE	42.9	UG/L	0.81	NS	86	59	108	2.1	30
1,4-DIOXANE	42.8	UG/L	0.64	NS	86	29	116	2.3	30
2,3,4,6-TETRACHLOROPHENOL	43.7	UG/L	1.2	NS	87	49	119	0.24	30
2,4,5-TRICHLOROPHENOL	46.9	UG/L	1.0	NS	94	56	109	0.59	30
2,4,6-TRICHLOROPHENOL	46.4	UG/L	1.1	NS	93	62	106	0.18	30
2,4-DICHLOROPHENOL	47.6	UG/L	1.0	NS	95	64	106	1.3	30
2,4-DIMETHYLPHENOL	32.8	UG/L	1.9	NS	66	17	97	9.6	30
2,4-DINITROPHENOL	50.6	UG/L	3.7	NS	101	46	115	1.3	30
2,4-DINITROTOLUENE	46.0	UG/L	2.9	NS	92	55	113	1.8	30
2,6-DICHLOROPHENOL	54.3	UG/L	0.72	NS	109	63	104	1.4	30
2,6-DINITROTOLUENE	43.9	UG/L	1.0	NS	88	61	106	0.89	30
2-CHLORONAPHTHALENE	43.0	UG/L	1.5	NS	86	62	112	1.3	30
2-CHLOROPHENOL	46.0	UG/L	1.5	NS	92	61	106	0.19	30
2-METHYLNAPHTHALENE	48.1	UG/L	0.97	NS	96	62	107	1.5	30
2-METHYLPHENOL	44.9	UG/L	1.8	NS	90	57	106	1.7	30
2-NITROANILINE	41.0	UG/L	1.2	NS	82	58	113	1.7	30
2-NITROPHENOL	45.3	UG/L	1.1	NS	91	63	107	0.23	30
3,3"-DICHLOROBENZIDINE	42.9	UG/L	1.7	NS	86	22	121	2.7	30
3-METHYLPHENOL & 4-METHYLPHENOL	45.1	UG/L	2.6	NS	90	62	108	0.35	30
3-NITROANILINE	45.4	UG/L	1.2	NS	91	43	124	2.7	30
4,6-DINITRO-2-METHYLPHENOL	42.0	UG/L	3.6	NS	84	65	114	0.96	30
4-BROMOPHENYL PHENYL ETHER	45.2	UG/L	0.93	NS	90	60	116	0.050	30
4-CHLORO-3-METHYLPHENOL	48.2	UG/L	1.1	NS	96	64	105	2.2	30
4-CHLOROANILINE	43.6	UG/L	1.7	NS	87	35	110	1.9	30
4-CHLOROPHENYL PHENYL ETHER	46.1	UG/L	1.4	NS	92	57	110	0.74	30
4-NITROANILINE	46.4	UG/L	1.1	NS	93	48	130	3.0	30
4-NITROPHENOL	43.5	UG/L	4.1	NS	87	46	122	2.2	30
ACENAPHTHENE	42.8	UG/L	1.1	NS	86	67	105	1.9	30
ACENAPHTHYLENE	44.1	UG/L	0.90	NS	88	65	106	1.4	30
ACETOPHENONE	47.8	UG/L	0.68	NS	96	62	115	1.5	30
ANILINE	33.1	UG/L	2.0	NS	66	26	111	1.8	30
ANTHRACENE	42.8	UG/L	1.1	NS	86	60	108	0.47	30
BENZO(A)ANTHRACENE	40.9	UG/L	1.1	NS	82	63	109	2.1	30
BENZO(A)PYRENE	41.2	UG/L	1.1	NS	82	64	104	0.23	30
BENZO(B)FLUORANTHENE	40.5	UG/L	0.79	NS	81	59	108	1.8	30
BENZO(GHI)PERYLENE	40.6	UG/L	0.76	NS	81	55	124	2.2	30
BENZO(K)FLUORANTHENE	43.9	UG/L	1.2	NS	88	57	125	1.5	30

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type LCSD	Lab Sample ID: K3APD1-AD LCSD			Lab: TAL-QES-AU					
BENZYL ALCOHOL	49.2	UG/L	1.6	NS	98	57	122	4.0	30
BIPHENYL	49.8	UG/L	1.2	NS	100	43	162	2.0	30
BIS(2-CHLOROETHOXY)METHANE	45.9	UG/L	1.1	NS	92	56	112	1.2	30
BIS(2-CHLOROETHYL) ETHER	43.3	UG/L	0.54	NS	87	55	110	3.3	30
BIS(2-CHLOROISOPROPYL) ETHER	42.0	UG/L	1.2	NS	84	54	112	2.9	30
BIS(2-ETHYLHEXYL) PHTHALATE	43.9	UG/L	2.7	NS	88	10	174	1.6	30
BUTYL BENZYL PHTHALATE	43.5	UG/L	0.99	NS	87	59	109	0.91	30
CHRYSENE	44.4	UG/L	1.1	NS	89	65	111	0.92	30
DIBENZ(A,H)ANTHRACENE	45.5	UG/L	1.0	NS	91	60	118	1.1	30
DIBENZOFURAN	44.3	UG/L	1.1	NS	89	65	108	0.97	30
DIETHYL PHTHALATE	44.8	UG/L	1.5	NS	90	61	108	1.3	30
DIMETHYL PHTHALATE	46.0	UG/L	1.3	NS	92	65	105	1.8	30
DI-N-BUTYL PHTHALATE	45.7	UG/L	1.1	NS	91	60	110	1.4	30
DI-N-OCTYL PHTHALATE	47.7	UG/L	1.1	NS	95	59	113	1.3	30
DIPHENYL ETHER	48.3	UG/L	0.58	NS	97	69	132	0.18	30
DIPHENYLAMINE	36.0	UG/L	0.94	NS	72	47	92	0.26	30
FLUORANTHENE	45.1	UG/L	0.92	NS	90	65	112	0.93	30
FLUORENE	44.4	UG/L	1.0	NS	89	66	106	0.52	30
HEXACHLOROBENZENE	44.6	UG/L	1.5	NS	89	65	108	1.5	30
HEXACHLOROBUTADIENE	44.0	UG/L	1.3	NS	88	59	105	1.6	30
HEXACHLOROCYCLOPENTADIENE	15.7	UG/L	3.4	NS	31	1.0	91	17	30
HEXACHLOROETHANE	44.5	UG/L	0.94	NS	89	56	112	0.93	30
HEXACHLOROPROPENE	45.2	UG/L	0.84	NS	90	42	129	2.2	30
INDENO(1,2,3-CD)PYRENE	44.5	UG/L	1.1	NS	89	60	118	0.010	30
ISOPHORONE	40.4	UG/L	1.1	NS	81	64	112	1.4	30
NAPHTHALENE	43.3	UG/L	0.88	NS	87	61	111	0.96	30
NITROBENZENE	42.1	UG/L	1.1	NS	84	61	108	2.1	30
N-NITROSODIETHYLAMINE	48.7	UG/L	1.3	NS	97	41	117	0.11	30
N-NITROSODIMETHYLAMINE	42.7	UG/L	0.94	NS	85	36	114	0.27	30
N-NITROSODI-N-BUTYLAMINE	39.4	UG/L	1.0	NS	79	35	125	0.51	30
N-NITROSODI-N-PROPYLAMINE	48.2	UG/L	1.0	NS	96	53	113	0.020	30
N-NITROSODIPHENYLAMINE	36.0	UG/L	0.94	NS	72	46	92	0.26	30
N-NITROSOMETHYLETHYLAMINE	45.1	UG/L	1.2	NS	90	48	111	0.24	30
N-NITROSOPIPERIDINE	49.3	UG/L	1.4	NS	99	51	108	0.39	30
N-NITROSOPYRROLIDINE	48.7	UG/L	1.2	NS	97	48	118	0.24	30
PENTACHLOROBENZENE	51.0	UG/L	0.54	NS	102	64	105	0.83	30
PENTACHLOROPHENOL	48.4	UG/L	5.4	NS	97	56	114	1.3	30
PHENANTHRENE	44.5	UG/L	1.0	NS	89	60	112	0.64	30
PHENOL	48.1	UG/L	2.1	NS	96	54	124	1.2	30
PYRENE	42.4	UG/L	0.92	NS	85	64	108	2.7	30
PYRIDINE	38.4	UG/L	1.9	NS	77	18	126	0.99	30
2,4,6-TRIBROMOPHENOL	91 RPR	UG/L	0.0	NS	91	67	120		
2-FLUOROBIPHENYL	84 RPR	UG/L	0.0	NS	84	63	117		
2-FLUOROPHENOL	89 RPR	UG/L	0.0	NS	89	59	113		
NITROBENZENE-D5	84 RPR	UG/L	0.0	NS	84	69	117		
PHENOL-D5	85 RPR	UG/L	0.0	NS	85	62	121		
TERPHENYL-D14	87 RPR	UG/L	0.0	NS	87	65	106		
Sample Type MB	Lab Sample ID: K3APD1-AA MB			Lab: TAL-QES-AU					
1,2,4,5-TETRACHLOROBENZENE	< 1.2	UG/L	1.2	10					
1,2,4-TRICHLOROBENZENE	< 0.84	UG/L	0.84	10					
1,2-DICHLOROBENZENE	< 0.97	UG/L	0.97	10					
1,3,5-TRINITROBENZENE	< 0.53	UG/L	0.53	20					
1,3-DICHLOROBENZENE	< 0.99	UG/L	0.99	10					
1,3-DINITROBENZENE	< 0.97	UG/L	0.97	20					
1,4-DICHLOROBENZENE	< 0.81	UG/L	0.81	10					
1,4-DIOXANE	< 0.64	UG/L	0.64	10					
1,4-NAPHTHOQUINONE	< 0.86	UG/L	0.86	50					
1-NAPHTHYLAMINE	< 2.3	UG/L	2.3	50					
2,3,4,6-TETRACHLOROPHENOL	< 1.2	UG/L	1.2	10					
2,4,5-TRICHLOROPHENOL	< 1.0	UG/L	1.0	10					
2,4,6-TRICHLOROPHENOL	< 1.1	UG/L	1.1	10					
2,4-DICHLOROPHENOL	< 1.0	UG/L	1.0	10					
2,4-DIMETHYLPHENOL	< 1.9	UG/L	1.9	10					
2,4-DINITROPHENOL	< 3.7	UG/L	3.7	50					
2,4-DINITROTOLUENE	< 2.9	UG/L	2.9	10					
2,6-DICHLOROPHENOL	< 0.72	UG/L	0.72	10					
2,6-DINITROTOLUENE	< 1.0	UG/L	1.0	10					
2-ACETYLAMINOFLUORENE	< 0.66	UG/L	0.66	10					

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type MB	Lab Sample ID: K3APD1-AA MB			Lab: TAL-QES-AU					
2-CHLORONAPHTHALENE	< 1.5	UG/L	1.5	10					
2-CHLOROPHENOL	< 1.5	UG/L	1.5	10					
2-METHYLNAPHTHALENE	< 0.97	UG/L	0.97	10					
2-METHYLPHENOL	< 1.8	UG/L	1.8	10					
2-NAPHTHYLAMINE	< 2.6	UG/L	2.6	50					
2-NITROANILINE	< 1.2	UG/L	1.2	50					
2-NITROPHENOL	< 1.1	UG/L	1.1	10					
2-PICOLINE	< 1.1	UG/L	1.1	10					
3,3''-DICHLOROBENZIDINE	< 1.7	UG/L	1.7	50					
3,3''-DIMETHYLBENZIDINE	< 0.85	UG/L	0.85	50					
3-METHYLCHOLANTHRENE	< 2.0	UG/L	2.0	20					
3-METHYLPHENOL & 4-METHYLPHENOL	< 2.6	UG/L	2.6	20					
3-NITROANILINE	< 1.2	UG/L	1.2	50					
4,6-DINITRO-2-METHYLPHENOL	< 3.6	UG/L	3.6	50					
4-AMINOBIPHENYL	< 2.1	UG/L	2.1	50					
4-BROMOPHENYL PHENYL ETHER	< 0.93	UG/L	0.93	10					
4-CHLORO-3-METHYLPHENOL	< 1.1	UG/L	1.1	10					
4-CHLOROANILINE	< 1.7	UG/L	1.7	10					
4-CHLOROPHENYL PHENYL ETHER	< 1.4	UG/L	1.4	10					
4-DIMETHYLAMINOAZOBENZENE	< 1.7	UG/L	1.7	10					
4-NITROANILINE	< 1.1	UG/L	1.1	50					
4-NITROPHENOL	< 4.1	UG/L	4.1	50					
4-NITROQUINOLINE-1-OXIDE	< 25	UG/L	25	50					
5-NITRO-O-TOLUIDINE	< 0.67	UG/L	0.67	10					
7,12-DIMETHYLBENZ(A)ANTHRACENE	< 1.6	UG/L	1.6	10					
A,A-DIMETHYLPHENETHYLAMINE	< 7.8	UG/L	7.8	100					
ACENAPHTHENE	< 1.1	UG/L	1.1	10					
ACENAPHTHYLENE	< 0.90	UG/L	0.90	10					
ACETOPHENONE	< 0.68	UG/L	0.68	10					
ANILINE	< 2.0	UG/L	2.0	10					
ANTHRACENE	< 1.1	UG/L	1.1	10					
ARAMITE (TOTAL)	< 0.71	UG/L	0.71	10					
BENZO(A)ANTHRACENE	< 1.1	UG/L	1.1	10					
BENZO(A)PYRENE	< 1.1	UG/L	1.1	10					
BENZO(B)FLUORANTHENE	< 0.79	UG/L	0.79	10					
BENZO(GHI)PERYLENE	< 0.76	UG/L	0.76	10					
BENZO(K)FLUORANTHENE	< 1.2	UG/L	1.2	10					
BENZYL ALCOHOL	< 1.6	UG/L	1.6	10					
BIPHENYL	< 1.2	UG/L	1.2	10					
BIS(2-CHLOROETHOXY)METHANE	< 1.1	UG/L	1.1	10					
BIS(2-CHLOROETHYL) ETHER	< 0.54	UG/L	0.54	10					
BIS(2-CHLOROISOPROPYL) ETHER	< 1.2	UG/L	1.2	10					
BIS(2-ETHYLHEXYL) PHTHALATE	< 2.7	UG/L	2.7	10					
BUTYL BENZYL PHTHALATE	< 0.99	UG/L	0.99	10					
CHLOROBENZILATE	< 0.57	UG/L	0.57	10					
CHRYSENE	< 1.1	UG/L	1.1	10					
DIALLATE	< 0.82	UG/L	0.82	20					
DIBENZ(A,H)ANTHRACENE	< 1.0	UG/L	1.0	10					
DIBENZOFURAN	< 1.1	UG/L	1.1	10					
DIETHYL PHTHALATE	< 1.5	UG/L	1.5	10					
DIMETHOATE	< 0.82	UG/L	0.82	20					
DIMETHYL PHTHALATE	< 1.3	UG/L	1.3	10					
DI-N-BUTYL PHTHALATE	< 1.1	UG/L	1.1	10					
DI-N-OCTYL PHTHALATE	< 1.1	UG/L	1.1	10					
DIPHENYL ETHER	< 0.58	UG/L	0.58	10					
DIPHENYLAMINE	< 0.94	UG/L	0.94	10					
ETHYL METHANESULFONATE	< 0.59	UG/L	0.59	10					
FLUORANTHENE	< 0.92	UG/L	0.92	10					
FLUORENE	< 1.0	UG/L	1.0	10					
HEXACHLOROBENZENE	< 1.5	UG/L	1.5	10					
HEXACHLOROBUTADIENE	< 1.3	UG/L	1.3	10					
HEXACHLOROCYCLOPENTADIENE	< 3.4	UG/L	3.4	50					
HEXACHLOROETHANE	< 0.94	UG/L	0.94	10					
HEXACHLOROPROPENE	< 0.84	UG/L	0.84	10					
INDENO(1,2,3-CD)PYRENE	< 1.1	UG/L	1.1	10					
ISODRIN	< 0.88	UG/L	0.88	10					
ISOPHORONE	< 1.1	UG/L	1.1	10					
ISOSAFROLE	< 0.97	UG/L	0.97	10					

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type MB	Lab Sample ID: K3APD1-AA MB			Lab: TAL-QES-AU					
METHAPYRILENE	< 5.2	UG/L	5.2	50					
METHYL METHANESULFONATE	< 0.66	UG/L	0.66	10					
NAPHTHALENE	< 0.88	UG/L	0.88	10					
NITROBENZENE	< 1.1	UG/L	1.1	10					
N-NITROSODIETHYLAMINE	< 1.3	UG/L	1.3	10					
N-NITROSODIMETHYLAMINE	< 0.94	UG/L	0.94	10					
N-NITROSODI-N-BUTYLAMINE	< 1.0	UG/L	1.0	10					
N-NITROSODI-N-PROPYLAMINE	< 1.0	UG/L	1.0	10					
N-NITROSODIPHENYLAMINE	< 0.94	UG/L	0.94	10					
N-NITROSOMETHYLETHYLAMINE	< 1.2	UG/L	1.2	10					
N-NITROSOMORPHOLINE	< 1.5	UG/L	1.5	10					
N-NITROSOPIPERIDINE	< 1.4	UG/L	1.4	10					
N-NITROSOPYRROLIDINE	< 1.2	UG/L	1.2	10					
O,O,O-TRIETHYL PHOSPHOROTHIOATE	< 0.71	UG/L	0.71	20					
O-TOLUIDINE	< 1.1	UG/L	1.1	10					
PENTACHLOROBENZENE	< 0.54	UG/L	0.54	10					
PENTACHLORONITROBENZENE	< 0.71	UG/L	0.71	10					
PENTACHLOROPHENOL	< 5.4	UG/L	5.4	50					
PHENACETIN	< 0.76	UG/L	0.76	10					
PHENANTHRENE	< 1.0	UG/L	1.0	10					
PHENOL	< 2.1	UG/L	2.1	10					
PHENOL-D5	77 RPR	UG/L	0.0		77	45	116		
P-PHENYLENE DIAMINE	< 10	UG/L	10	100					
PRONAMIDE	< 0.71	UG/L	0.71	10					
PYRENE	< 0.92	UG/L	0.92	10					
PYRIDINE	< 1.9	UG/L	1.9	10					
SAFROLE	< 0.85	UG/L	0.85	10					
SULFOTEPP	< 0.88	UG/L	0.88	20					
TERPHENYL-D14	83 RPR	UG/L	0.0		83	64	126		
THIONAZIN	< 0.63	UG/L	0.63	10					
2,4,6-TRIBROMOPHENOL	75 RPR	UG/L	0.0		75	51	130		
2-FLUOROBIPHENYL	73 RPR	UG/L	0.0		73	58	116		
2-FLUOROPHENOL	82 RPR	UG/L	0.0		82	44	114		
NITROBENZENE-D5	78 RPR	UG/L	0.0		78	52	114		

The following field samples are included in this batch:

Sampleno	Datesmpl	Lab Id	Lab
KEN-G-MW-12	11/12/2008	K2W0R1-AC FS	TAL-QES-AUS
KEN-G-MW-14A	11/12/2008	K2W0V1-AC FS	TAL-QES-AUS
KEN-G-MW-14B	11/12/2008	K2W0X1-AC FS	TAL-QES-AUS

Corporate Environmental Database
Lab Analysis QAQC Report

Site: KENTEC
Project: GW SAMPLING 4Q08

Batch Identifier 233808 3520C 8270C 17-NOV-08 8322507 B3C

Method Number: 8270C Prep Method: 3520C Pre-prep:
Batch Start Date: 11/17/2008 Intrument: B3C

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type LCS	Lab Sample ID: K24241-AC LCS			Lab: TAL-QES-AU					
1,2,4,5-TETRACHLOROBENZENE	44.9	UG/L	1.2	NS	90	62	105		
1,2,4-TRICHLOROBENZENE	40.4	UG/L	0.84	NS	81	63	104		
1,2-DICHLOROBENZENE	41.5	UG/L	0.97	NS	83	58	107		
1,3-DICHLOROBENZENE	42.2	UG/L	0.99	NS	84	59	106		
1,4-DICHLOROBENZENE	38.7	UG/L	0.81	NS	77	59	108		
1,4-DIOXANE	41.0	UG/L	0.64	NS	82	29	116		
2,3,4,6-TETRACHLOROPHENOL	41.2	UG/L	1.2	NS	82	49	119		
2,4,5-TRICHLOROPHENOL	42.7	UG/L	1.0	NS	85	56	109		
2,4,6-TRICHLOROPHENOL	42.9	UG/L	1.1	NS	86	62	106		
2,4-DICHLOROPHENOL	42.8	UG/L	1.0	NS	86	64	106		
2,4-DIMETHYLPHENOL	19.7	UG/L	1.9	NS	39	17	97		
2,4-DINITROPHENOL	48.4	UG/L	3.7	NS	97	46	115		
2,4-DINITROTOLUENE	41.6	UG/L	2.9	NS	83	55	113		
2,6-DICHLOROPHENOL	49.6	UG/L	0.72	NS	99	63	104		
2,6-DINITROTOLUENE	40.0	UG/L	1.0	NS	80	61	106		
2-CHLORONAPHTHALENE	40.3	UG/L	1.5	NS	81	62	112		
2-CHLOROPHENOL	42.1	UG/L	1.5	NS	84	61	106		
2-METHYLNAPHTHALENE	44.3	UG/L	0.97	NS	89	62	107		
2-METHYLPHENOL	39.6	UG/L	1.8	NS	79	57	106		
2-NITROANILINE	40.1	UG/L	1.2	NS	80	58	113		
2-NITROPHENOL	41.3	UG/L	1.1	NS	83	63	107		
3,3"-DICHLOROBENZIDINE	31.0	UG/L	1.7	NS	62	22	121		
3-METHYLPHENOL & 4-METHYLPHENOL	37.7	UG/L	2.6	NS	75	62	108		
3-NITROANILINE	40.7	UG/L	1.2	NS	81	43	124		
4,6-DINITRO-2-METHYLPHENOL	40.3	UG/L	3.6	NS	81	65	114		
4-BROMOPHENYL PHENYL ETHER	42.5	UG/L	0.93	NS	85	60	116		
4-CHLORO-3-METHYLPHENOL	42.5	UG/L	1.1	NS	85	64	105		
4-CHLOROANILINE	35.5	UG/L	1.7	NS	71	35	110		
4-CHLOROPHENYL PHENYL ETHER	42.0	UG/L	1.4	NS	84	57	110		
4-NITROANILINE	41.4	UG/L	1.1	NS	83	48	130		
4-NITROPHENOL	42.0	UG/L	4.1	NS	84	46	122		
ACENAPHTHENE	39.8	UG/L	1.1	NS	80	67	105		
ACENAPHTHYLENE	40.8	UG/L	0.90	NS	82	65	106		
ACETOPHENONE	42.2	UG/L	0.68	NS	84	62	115		
ANILINE	29.1	UG/L	2.0	NS	58	26	111		
ANTHRACENE	38.3	UG/L	1.1	NS	77	60	108		
BENZO(A)ANTHRACENE	37.7	UG/L	1.1	NS	75	63	109		
BENZO(A)PYRENE	36.7	UG/L	1.1	NS	73	64	104		
BENZO(B)FLUORANTHENE	38.4	UG/L	0.79	NS	77	59	108		
BENZO(GHI)PERYLENE	42.1	UG/L	0.76	NS	84	55	124		
BENZO(K)FLUORANTHENE	40.3	UG/L	1.2	NS	81	57	125		
BENZYL ALCOHOL	43.2	UG/L	1.6	NS	86	57	122		
BIPHENYL	47.6	UG/L	1.2	NS	95	43	162		
BIS(2-CHLOROETHOXY)METHANE	42.5	UG/L	1.1	NS	85	56	112		
BIS(2-CHLOROETHYL) ETHER	40.3	UG/L	0.54	NS	81	55	110		
BIS(2-CHLOROISOPROPYL) ETHER	39.7	UG/L	1.2	NS	79	54	112		
BIS(2-ETHYLHEXYL) PHTHALATE	40.7	UG/L	2.7	NS	81	10	174		
BUTYL BENZYL PHTHALATE	40.3	UG/L	0.99	NS	81	59	109		
CHRYSENE	41.3	UG/L	1.1	NS	83	65	111		
DIBENZ(A,H)ANTHRACENE	42.0	UG/L	1.0	NS	84	60	118		
DIBENZOFURAN	41.5	UG/L	1.1	NS	83	65	108		
DIETHYL PHTHALATE	42.0	UG/L	1.5	NS	84	61	108		
DIMETHYL PHTHALATE	42.5	UG/L	1.3	NS	85	65	105		
DI-N-BUTYL PHTHALATE	42.7	UG/L	1.1	NS	85	60	110		
DI-N-OCTYL PHTHALATE	43.6	UG/L	1.1	NS	87	59	113		
DIPHENYL ETHER	45.6	UG/L	0.58	NS	91	69	132		
DIPHENYLAMINE	30.5	UG/L	0.94	NS	61	47	92		
FLUORANTHENE	41.7	UG/L	0.92	NS	83	65	112		
FLUORENE	41.5	UG/L	1.0	NS	83	66	106		
HEXACHLOROBENZENE	41.2	UG/L	1.5	NS	82	65	108		
HEXACHLOROBUTADIENE	40.0	UG/L	1.3	NS	80	59	105		
HEXACHLOROCYCLOPENTADIENE	10.5	UG/L	3.4	NS	21	1.0	91		

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type LCS	Lab Sample ID: K24241-AC LCS			Lab: TAL-QES-AU					
HEXACHLOROETHANE	40.9	UG/L	0.94	NS	82	56	112		
HEXACHLOROPROPENE	38.5	UG/L	0.84	NS	77	42	129		
INDENO(1,2,3-CD)PYRENE	41.8	UG/L	1.1	NS	84	60	118		
ISOPHORONE	37.8	UG/L	1.1	NS	76	64	112		
NAPHTHALENE	40.0	UG/L	0.88	NS	80	61	111		
NITROBENZENE	39.6	UG/L	1.1	NS	79	61	108		
N-NITROSODIETHYLAMINE	41.1	UG/L	1.3	NS	82	41	117		
N-NITROSODIMETHYLAMINE	39.1	UG/L	0.94	NS	78	36	114		
N-NITROSODI-N-BUTYLAMINE	34.9	UG/L	1.0	NS	70	35	125		
N-NITROSODI-N-PROPYLAMINE	41.6	UG/L	1.0	NS	83	53	113		
N-NITROSODIPHENYLAMINE	30.5	UG/L	0.94	NS	61	46	92		
N-NITROSOMETHYLETHYLAMINE	40.1	UG/L	1.2	NS	80	48	111		
N-NITROSOPIPERIDINE	42.7	UG/L	1.4	NS	85	51	108		
N-NITROSOPYRROLIDINE	40.4	UG/L	1.2	NS	81	48	118		
PENTACHLOROBENZENE	46.4	UG/L	0.54	NS	93	64	105		
PENTACHLOROPHENOL	47.3	UG/L	5.4	NS	95	56	114		
PHENANTHRENE	41.0	UG/L	1.0	NS	82	60	112		
PHENOL	41.9	UG/L	2.1	NS	84	54	124		
PYRENE	39.4	UG/L	0.92	NS	79	64	108		
PYRIDINE	33.9	UG/L	1.9	NS	68	18	126		
2,4,6-TRIBROMOPHENOL	90 RPR	UG/L	0.0	NS	90	67	120		
2-FLUOROBIPHENYL	84 RPR	UG/L	0.0	NS	84	63	117		
2-FLUOROPHENOL	84 RPR	UG/L	0.0	NS	84	59	113		
NITROBENZENE-D5	83 RPR	UG/L	0.0	NS	83	69	117		
PHENOL-D5	83 RPR	UG/L	0.0	NS	83	62	121		
TERPHENYL-D14	86 RPR	UG/L	0.0	NS	86	65	106		
Sample Type LCS	Lab Sample ID: K24241-AD LCS			Lab: TAL-QES-AU					
1,4-DIOXANE	46.2	UG/L	0.64	NS	92	29	116		
2,4,6-TRIBROMOPHENOL	92 RPR	UG/L	0.0	NS	92	67	120		
2-FLUOROBIPHENYL	87 RPR	UG/L	0.0	NS	87	63	117		
2-FLUOROPHENOL	94 RPR	UG/L	0.0	NS	94	59	113		
NITROBENZENE-D5	88 RPR	UG/L	0.0	NS	88	69	117		
PHENOL-D5	88 RPR	UG/L	0.0	NS	88	62	121		
TERPHENYL-D14	93 RPR	UG/L	0.0	NS	93	65	106		
Sample Type LCSD	Lab Sample ID: K24241-AE LCSD			Lab: TAL-QES-AU					
1,4-DIOXANE	42.9	UG/L	0.64	NS	86	29	116	7.4	30
2,4,6-TRIBROMOPHENOL	87 RPR	UG/L	0.0	NS	87	67	120		
2-FLUOROBIPHENYL	87 RPR	UG/L	0.0	NS	87	63	117		
2-FLUOROPHENOL	88 RPR	UG/L	0.0	NS	88	59	113		
NITROBENZENE-D5	84 RPR	UG/L	0.0	NS	84	69	117		
PHENOL-D5	85 RPR	UG/L	0.0	NS	85	62	121		
TERPHENYL-D14	90 RPR	UG/L	0.0	NS	90	65	106		
Sample Type MB	Lab Sample ID: K24241-AA MB			Lab: TAL-QES-AU					
1,2,4,5-TETRACHLOROBENZENE	< 1.2	UG/L	1.2	10					
1,2,4-TRICHLOROBENZENE	< 0.84	UG/L	0.84	10					
1,2-DICHLOROBENZENE	< 0.97	UG/L	0.97	10					
1,3,5-TRINITROBENZENE	< 0.53	UG/L	0.53	20					
1,3-DICHLOROBENZENE	< 0.99	UG/L	0.99	10					
1,3-DINITROBENZENE	< 0.97	UG/L	0.97	20					
1,4-DICHLOROBENZENE	< 0.81	UG/L	0.81	10					
1,4-DIOXANE	< 0.64	UG/L	0.64	20					
1,4-NAPHTHOQUINONE	< 0.86	UG/L	0.86	50					
1-NAPHTHYLAMINE	< 2.3	UG/L	2.3	50					
2,3,4,6-TETRACHLOROPHENOL	< 1.2	UG/L	1.2	10					
2,4,5-TRICHLOROPHENOL	< 1.0	UG/L	1.0	10					
2,4,6-TRICHLOROPHENOL	< 1.1	UG/L	1.1	10					
2,4-DICHLOROPHENOL	< 1.0	UG/L	1.0	10					
2,4-DIMETHYLPHENOL	< 1.9	UG/L	1.9	10					
2,4-DINITROPHENOL	< 3.7	UG/L	3.7	50					
2,4-DINITROTOLUENE	< 2.9	UG/L	2.9	10					
2,6-DICHLOROPHENOL	< 0.72	UG/L	0.72	10					
2,6-DINITROTOLUENE	< 1.0	UG/L	1.0	10					
2-ACETYLAMINOFLUORENE	< 0.66	UG/L	0.66	10					
2-CHLORONAPHTHALENE	< 1.5	UG/L	1.5	10					
2-CHLOROPHENOL	< 1.5	UG/L	1.5	10					
2-METHYLNAPHTHALENE	< 0.97	UG/L	0.97	10					
2-METHYLPHENOL	< 1.8	UG/L	1.8	10					
2-NAPHTHYLAMINE	< 2.6	UG/L	2.6	50					

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type MB	Lab Sample ID: K24241-AA MB			Lab: TAL-QES-AU					
2-NITROANILINE	< 1.2	UG/L	1.2	50					
2-NITROPHENOL	< 1.1	UG/L	1.1	10					
2-PICOLINE	< 1.1	UG/L	1.1	10					
3,3''-DICHLOROBENZIDINE	< 1.7	UG/L	1.7	50					
3,3''-DIMETHYLBENZIDINE	< 0.85	UG/L	0.85	50					
3-METHYLCHOLANTHRENE	< 2.0	UG/L	2.0	20					
3-METHYLPHENOL & 4-METHYLPHENOL	< 2.6	UG/L	2.6	20					
3-NITROANILINE	< 1.2	UG/L	1.2	50					
4,6-DINITRO-2-METHYLPHENOL	< 3.6	UG/L	3.6	50					
4-AMINOBIPHENYL	< 2.1	UG/L	2.1	50					
4-BROMOPHENYL PHENYL ETHER	< 0.93	UG/L	0.93	10					
4-CHLORO-3-METHYLPHENOL	< 1.1	UG/L	1.1	10					
4-CHLOROANILINE	< 1.7	UG/L	1.7	10					
4-CHLOROPHENYL PHENYL ETHER	< 1.4	UG/L	1.4	10					
4-DIMETHYLAMINOAZOBENZENE	< 1.7	UG/L	1.7	10					
4-NITROANILINE	< 1.1	UG/L	1.1	50					
4-NITROPHENOL	< 4.1	UG/L	4.1	50					
4-NITROQUINOLINE-1-OXIDE	< 25	UG/L	25	50					
5-NITRO-O-TOLUIDINE	< 0.67	UG/L	0.67	10					
7,12-DIMETHYLBENZ(A)ANTHRACENE	< 1.6	UG/L	1.6	10					
A,A-DIMETHYLPHENETHYLAMINE	< 7.8	UG/L	7.8	100					
ACENAPHTHENE	< 1.1	UG/L	1.1	10					
ACENAPHTHYLENE	< 0.90	UG/L	0.90	10					
ACETOPHENONE	< 0.68	UG/L	0.68	10					
ANILINE	< 2.0	UG/L	2.0	10					
ANTHRACENE	< 1.1	UG/L	1.1	10					
ARAMITE (TOTAL)	< 0.71	UG/L	0.71	10					
BENZO(A)ANTHRACENE	< 1.1	UG/L	1.1	10					
BENZO(A)PYRENE	< 1.1	UG/L	1.1	10					
BENZO(B)FLUORANTHENE	< 0.79	UG/L	0.79	10					
BENZO(GHI)PERYLENE	< 0.76	UG/L	0.76	10					
BENZO(K)FLUORANTHENE	< 1.2	UG/L	1.2	10					
BENZYL ALCOHOL	< 1.6	UG/L	1.6	10					
BIPHENYL	< 1.2	UG/L	1.2	10					
BIS(2-CHLOROETHOXY)METHANE	< 1.1	UG/L	1.1	10					
BIS(2-CHLOROETHYL) ETHER	< 0.54	UG/L	0.54	10					
BIS(2-CHLOROISOPROPYL) ETHER	< 1.2	UG/L	1.2	10					
BIS(2-ETHYLHEXYL) PHTHALATE	< 2.7	UG/L	2.7	10					
BUTYL BENZYL PHTHALATE	< 0.99	UG/L	0.99	10					
CHLOROBENZILATE	< 0.57	UG/L	0.57	10					
CHRYSENE	< 1.1	UG/L	1.1	10					
DIALLATE	< 0.82	UG/L	0.82	20					
DIBENZ(A,H)ANTHRACENE	< 1.0	UG/L	1.0	10					
DIBENZOFURAN	< 1.1	UG/L	1.1	10					
DIETHYL PHTHALATE	< 1.5	UG/L	1.5	10					
DIMETHOATE	< 0.82	UG/L	0.82	20					
DIMETHYL PHTHALATE	< 1.3	UG/L	1.3	10					
DI-N-BUTYL PHTHALATE	< 1.1	UG/L	1.1	10					
DI-N-OCTYL PHTHALATE	< 1.1	UG/L	1.1	10					
DIPHENYL ETHER	< 0.58	UG/L	0.58	10					
DIPHENYLAMINE	< 0.94	UG/L	0.94	10					
ETHYL METHANESULFONATE	< 0.59	UG/L	0.59	10					
FLUORANTHENE	< 0.92	UG/L	0.92	10					
FLUORENE	< 1.0	UG/L	1.0	10					
HEXACHLOROBENZENE	< 1.5	UG/L	1.5	10					
HEXACHLOROBUTADIENE	< 1.3	UG/L	1.3	10					
HEXACHLOROCYCLOPENTADIENE	< 3.4	UG/L	3.4	50					
HEXACHLOROETHANE	< 0.94	UG/L	0.94	10					
HEXACHLOROPROPENE	< 0.84	UG/L	0.84	10					
INDENO(1,2,3-CD)PYRENE	< 1.1	UG/L	1.1	10					
ISODRIN	< 0.88	UG/L	0.88	10					
ISOPHORONE	< 1.1	UG/L	1.1	10					
ISOSAFROLE	< 0.97	UG/L	0.97	10					
METHAPYRILENE	< 5.2	UG/L	5.2	50					
METHYL METHANESULFONATE	< 0.66	UG/L	0.66	10					
NAPHTHALENE	< 0.88	UG/L	0.88	10					
NITROBENZENE	< 1.1	UG/L	1.1	10					
N-NITROSODIETHYLAMINE	< 1.3	UG/L	1.3	10					

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type MB	Lab Sample ID: K24241-AA MB			Lab: TAL-QES-AU					
N-NITROSODIMETHYLAMINE	< 0.94	UG/L	0.94	10					
N-NITROSODI-N-BUTYLAMINE	< 1.0	UG/L	1.0	10					
N-NITROSODI-N-PROPYLAMINE	< 1.0	UG/L	1.0	10					
N-NITROSODIPHENYLAMINE	< 0.94	UG/L	0.94	10					
N-NITROSOMETHYLETHYLAMINE	< 1.2	UG/L	1.2	10					
N-NITROSOMORPHOLINE	< 1.5	UG/L	1.5	10					
N-NITROSOPIPERIDINE	< 1.4	UG/L	1.4	10					
N-NITROSOPYRROLIDINE	< 1.2	UG/L	1.2	10					
O,O,O-TRIETHYL PHOSPHOROTHIOATE	< 0.71	UG/L	0.71	20					
O-TOLUIDINE	< 1.1	UG/L	1.1	10					
PENTACHLOROBENZENE	< 0.54	UG/L	0.54	10					
PENTACHLORONITROBENZENE	< 0.71	UG/L	0.71	10					
PENTACHLOROPHENOL	< 5.4	UG/L	5.4	50					
PHENACETIN	< 0.76	UG/L	0.76	10					
PHENANTHRENE	< 1.0	UG/L	1.0	10					
PHENOL	< 2.1	UG/L	2.1	10					
P-PHENYLENE DIAMINE	< 10	UG/L	10	100					
PRONAMIDE	< 0.71	UG/L	0.71	10					
PYRENE	< 0.92	UG/L	0.92	10					
PYRIDINE	< 1.9	UG/L	1.9	10					
SAFROLE	< 0.85	UG/L	0.85	10					
SULFOTEPP	< 0.88	UG/L	0.88	20					
THIONAZIN	< 0.63	UG/L	0.63	10					
2,4,6-TRIBROMOPHENOL	78 RPR	UG/L	0.0		78	51	130		
2-FLUOROBIPHENYL	84 RPR	UG/L	0.0		84	58	116		
2-FLUOROPHENOL	88 RPR	UG/L	0.0		88	44	114		
NITROBENZENE-D5	83 RPR	UG/L	0.0		83	52	114		
PHENOL-D5	83 RPR	UG/L	0.0		83	45	116		
TERPHENYL-D14	88 RPR	UG/L	0.0		88	64	126		
Sample Type MS	Lab Sample ID: K2QPX1-AC MS			Lab: TAL-QES-AU					
1,2,4,5-TETRACHLOROBENZENE	42.9	UG/L	1.2	NS	87	62	105		
1,2,4-TRICHLOROBENZENE	38.3	UG/L	0.83	NS	77	63	104		
1,2-DICHLOROBENZENE	39.4	UG/L	0.96	NS	80	58	107		
1,3-DICHLOROBENZENE	40.1	UG/L	0.98	NS	81	59	106		
1,4-DICHLOROBENZENE	36.8	UG/L	0.80	NS	74	59	108		
1,4-DIOXANE	91.8	UG/L	0.64	NS	118	29	116		
2,3,4,6-TETRACHLOROPHENOL	39.5	UG/L	1.1	NS	80	49	119		
2,4,5-TRICHLOROPHENOL	39.6	UG/L	0.99	NS	80	56	109		
2,4,6-TRICHLOROPHENOL	40.6	UG/L	1.1	NS	82	62	106		
2,4-DICHLOROPHENOL	41.1	UG/L	1.0	NS	83	64	106		
2,4-DIMETHYLPHENOL	12.1	UG/L	1.9	NS	24	17	97		
2,4-DINITROPHENOL	46.8	UG/L	3.7	NS	95	46	115		
2,4-DINITROTOLUENE	39.9	UG/L	2.9	NS	81	55	113		
2,6-DICHLOROPHENOL	47.5	UG/L	0.71	NS	96	63	104		
2,6-DINITROTOLUENE	38.2	UG/L	1.0	NS	77	61	106		
2-CHLORONAPHTHALENE	38.8	UG/L	1.4	NS	78	62	112		
2-CHLOROPHENOL	40.3	UG/L	1.5	NS	81	61	106		
2-METHYLNAPHTHALENE	41.8	UG/L	0.96	NS	84	62	107		
2-METHYLPHENOL	36.0	UG/L	1.8	NS	73	57	106		
2-NITROANILINE	38.7	UG/L	1.2	NS	78	58	113		
2-NITROPHENOL	40.0	UG/L	1.0	NS	81	63	107		
3,3''-DICHLOROBENZIDINE	23.1	UG/L	1.7	NS	47	22	121		
3-METHYLPHENOL & 4-METHYLPHENOL	33.8	UG/L	2.6	NS	68	62	108		
3-NITROANILINE	39.1	UG/L	1.2	NS	79	43	124		
4,6-DINITRO-2-METHYLPHENOL	38.2	UG/L	3.5	NS	77	65	114		
4-BROMOPHENYL PHENYL ETHER	40.5	UG/L	0.92	NS	82	60	116		
4-CHLORO-3-METHYLPHENOL	40.1	UG/L	1.1	NS	81	64	105		
4-CHLOROANILINE	31.7	UG/L	1.6	NS	64	35	110		
4-CHLOROPHENYL PHENYL ETHER	40.7	UG/L	1.4	NS	82	57	110		
4-NITROANILINE	39.5	UG/L	1.1	NS	80	48	130		
4-NITROPHENOL	40.2	UG/L	4.1	NS	81	46	122		
ACENAPHTHENE	38.5	UG/L	1.1	NS	78	67	105		
ACENAPHTHYLENE	39.0	UG/L	0.90	NS	79	65	106		
ACETOPHENONE	40.7	UG/L	0.67	NS	82	62	115		
ANILINE	27.1	UG/L	2.0	NS	55	26	111		
ANTHRACENE	35.4	UG/L	1.1	NS	72	60	108		
BENZO(A)ANTHRACENE	35.9	UG/L	1.1	NS	73	63	109		
BENZO(A)PYRENE	33.5	UG/L	1.1	NS	68	64	104		

Corporate Environmental Database
Lab Analysis QAQC Report

Site: KENTEC 5/16/2012

Project: GW SAMPLING 4Q08

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type MS	Lab Sample ID: K2QPX1-AC MS			Lab: TAL-QES-AU					
BENZO(B)FLUORANTHENE	37.8	UG/L	0.78	NS	76	59	108		
BENZO(GHI)PERYLENE	40.3	UG/L	0.75	NS	81	55	124		
BENZO(K)FLUORANTHENE	38.3	UG/L	1.2	NS	77	57	125		
BENZYL ALCOHOL	42.1	UG/L	1.6	NS	85	57	122		
BIPHENYL	46.7	UG/L	1.2	NS	94	43	162		
BIS(2-CHLOROETHOXY)METHANE	41.3	UG/L	1.1	NS	83	56	112		
BIS(2-CHLOROETHYL) ETHER	38.2	UG/L	0.54	NS	77	55	110		
BIS(2-CHLOROISOPROPYL) ETHER	38.0	UG/L	1.2	NS	77	54	112		
BIS(2-ETHYLHEXYL) PHTHALATE	38.9	UG/L	2.7	NS	77	10	174		
BUTYL BENZYL PHTHALATE	39.4	UG/L	0.98	NS	79	59	109		
CHRYSENE	39.9	UG/L	1.1	NS	81	65	111		
DIBENZ(A,H)ANTHRACENE	40.8	UG/L	1.0	NS	82	60	118		
DIBENZOFURAN	39.8	UG/L	1.0	NS	80	65	108		
DIETHYL PHTHALATE	40.3	UG/L	1.5	NS	81	61	108		
DIMETHYL PHTHALATE	40.7	UG/L	1.3	NS	82	65	105		
DI-N-BUTYL PHTHALATE	40.6	UG/L	1.1	NS	81	60	110		
DI-N-OCTYL PHTHALATE	42.3	UG/L	1.1	NS	85	59	113		
DIPHENYL ETHER	43.9	UG/L	0.58	NS	89	69	132		
DIPHENYLAMINE	26.3	UG/L	0.93	NS	53	47	92		
FLUORANTHENE	39.6	UG/L	0.91	NS	80	65	112		
FLUORENE	39.7	UG/L	1.0	NS	80	66	106		
HEXACHLOROBENZENE	38.7	UG/L	1.5	NS	78	65	108		
HEXACHLOROBUTADIENE	38.3	UG/L	1.3	NS	77	59	105		
HEXACHLOROCYCLOPENTADIENE	0.0	UG/L	3.4	NS	0.0	1.0	91		
HEXACHLOROETHANE	38.8	UG/L	0.93	NS	78	56	112		
HEXACHLOROPROPENE	38.4	UG/L	0.83	NS	77	42	129		
INDENO(1,2,3-CD)PYRENE	40.3	UG/L	1.1	NS	81	60	118		
ISOPHORONE	36.1	UG/L	1.1	NS	73	64	112		
NAPHTHALENE	38.8	UG/L	0.87	NS	78	61	111		
NITROBENZENE	38.0	UG/L	1.1	NS	77	61	108		
NITROBENZENE-D5	82 RPR	UG/L		NS	82	52	114		
N-NITROSODIETHYLAMINE	38.2	UG/L	1.3	NS	77	41	117		
N-NITROSODIMETHYLAMINE	35.1	UG/L	0.93	NS	71	36	114		
N-NITROSODI-N-BUTYLAMINE	31.5	UG/L	1.0	NS	64	35	125		
N-NITROSODI-N-PROPYLAMINE	37.5	UG/L	1.0	NS	76	53	113		
N-NITROSODIPHENYLAMINE	26.3	UG/L	0.93	NS	53	46	92		
N-NITROSOMETHYLETHYLAMINE	37.0	UG/L	1.2	NS	75	45	111		
N-NITROSOPIPERIDINE	37.6	UG/L	1.3	NS	76	51	108		
N-NITROSOPYRROLIDINE	35.9	UG/L	1.2	NS	72	48	118		
PENTACHLOROBENZENE	45.0	UG/L	0.54	NS	91	64	105		
PENTACHLOROPHENOL	44.9	UG/L	5.4	NS	91	56	114		
PHENANTHRENE	38.9	UG/L	0.99	NS	79	60	112		
PHENOL	40.5	UG/L	2.1	NS	82	54	124		
PYRENE	38.1	UG/L	0.91	NS	77	64	108		
PYRIDINE	33.2	UG/L	1.9	NS	67	18	126		
2,4,6-TRIBROMOPHENOL	86 RPR	UG/L		NS	86	51	130		
2-FLUOROBIPHENYL	82 RPR	UG/L		NS	82	58	116		
2-FLUOROPHENOL	82 RPR	UG/L		NS	82	44	114		
PHENOL-D5	81 RPR	UG/L		NS	81	45	116		
TERPHENYL-D14	86 RPR	UG/L		NS	86	64	126		
Sample Type MSD	Lab Sample ID: K2QPX1-AD MSD			Lab: TAL-QES-AU					
1,2,4,5-TETRACHLOROBENZENE	46.8	UG/L	1.2	NS	95	62	105	8.7	30
1,2,4-TRICHLOROBENZENE	42.9	UG/L	0.83	NS	87	63	104	11	30
1,2-DICHLOROBENZENE	43.9	UG/L	0.96	NS	89	58	107	11	30
1,3-DICHLOROBENZENE	45.0	UG/L	0.98	NS	91	59	106	12	30
1,4-DICHLOROBENZENE	41.1	UG/L	0.80	NS	83	59	108	11	30
1,4-DIOXANE	101	UG/L	0.64	NS	136	29	116	9.2	30
2,3,4,6-TETRACHLOROPHENOL	43.6	UG/L	1.1	NS	88	49	119	10	30
2,4,5-TRICHLOROPHENOL	45.7	UG/L	0.99	NS	92	56	109	14	30
2,4,6-TRICHLOROPHENOL	46.3	UG/L	1.1	NS	94	62	106	13	30
2,4-DICHLOROPHENOL	45.7	UG/L	1.0	NS	92	64	106	11	30
2,4-DIMETHYLPHENOL	17.6	UG/L	1.9	NS	35	17	97	37	30
2,4-DINITROPHENOL	50.2	UG/L	3.7	NS	101	46	115	7.0	30
2,4-DINITROTOLUENE	44.5	UG/L	2.9	NS	90	55	113	11	30
2,6-DICHLOROPHENOL	52.3	UG/L	0.71	NS	106	63	104	9.6	30
2,6-DINITROTOLUENE	42.9	UG/L	1.0	NS	87	61	106	12	30
2-CHLORONAPHTHALENE	42.5	UG/L	1.4	NS	86	62	112	9.1	30
2-CHLOROPHENOL	44.2	UG/L	1.5	NS	89	61	106	9.2	30

Corporate Environmental Database
Lab Analysis QAQC Report

Site: KENTEC 5/16/2012

Project: GW SAMPLING 4Q08

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type MSD	Lab Sample ID: K2QPX1-AD MSD			Lab: TAL-QES-AU					
2-METHYLNAPHTHALENE	46.9	UG/L	0.96	NS	95	62	107	11	30
2-METHYLPHENOL	41.4	UG/L	1.8	NS	84	57	106	14	30
2-NITROANILINE	39.4	UG/L	1.2	NS	80	58	113	1.7	30
2-NITROPHENOL	44.8	UG/L	1.0	NS	91	63	107	11	30
3,3"-DICHLOROBENZIDINE	24.6	UG/L	1.7	NS	50	22	121	6.1	30
3-METHYLPHENOL & 4-METHYLPHENOL	39.6	UG/L	2.6	NS	80	62	108	16	30
3-NITROANILINE	43.8	UG/L	1.2	NS	88	43	124	11	30
4,6-DINITRO-2-METHYLPHENOL	42.6	UG/L	3.5	NS	86	65	114	11	30
4-BROMOPHENYL PHENYL ETHER	44.4	UG/L	0.92	NS	90	60	116	9.2	30
4-CHLORO-3-METHYLPHENOL	45.1	UG/L	1.1	NS	91	64	105	12	30
4-CHLOROANILINE	36.5	UG/L	1.6	NS	74	35	110	14	30
4-CHLOROPHENYL PHENYL ETHER	44.3	UG/L	1.4	NS	89	57	110	8.4	30
4-NITROANILINE	43.9	UG/L	1.1	NS	89	48	130	10	30
4-NITROPHENOL	44.9	UG/L	4.1	NS	91	46	122	11	30
ACENAPHTHENE	41.7	UG/L	1.1	NS	84	67	105	8.1	30
ACENAPHTHYLENE	42.8	UG/L	0.90	NS	86	65	106	9.2	30
ACETOPHENONE	45.7	UG/L	0.67	NS	92	62	115	11	30
ANILINE	32.7	UG/L	2.0	NS	66	26	111	19	30
ANTHRACENE	38.9	UG/L	1.1	NS	79	60	108	9.3	30
BENZO(A)ANTHRACENE	39.0	UG/L	1.1	NS	79	63	109	8.3	30
BENZO(A)PYRENE	37.1	UG/L	1.1	NS	75	64	104	10	30
BENZO(B)FLUORANTHENE	39.5	UG/L	0.78	NS	80	59	108	4.4	30
BENZO(GHI)PERYLENE	42.8	UG/L	0.75	NS	87	55	124	6.2	30
BENZO(K)FLUORANTHENE	42.9	UG/L	1.2	NS	87	57	125	11	30
BENZYL ALCOHOL	47.1	UG/L	1.6	NS	95	57	122	11	30
BIPHENYL	50.4	UG/L	1.2	NS	102	43	162	7.5	30
BIS(2-CHLOROETHOXY)METHANE	45.1	UG/L	1.1	NS	91	56	112	8.8	30
BIS(2-CHLOROETHYL) ETHER	42.3	UG/L	0.54	NS	85	55	110	10	30
BIS(2-CHLOROISOPROPYL) ETHER	42.3	UG/L	1.2	NS	85	54	112	11	30
BIS(2-ETHYLHEXYL) PHTHALATE	43.8	UG/L	2.7	NS	87	10	174	12	30
BUTYL BENZYL PHTHALATE	42.4	UG/L	0.98	NS	86	59	109	7.5	30
CHRYSENE	42.9	UG/L	1.1	NS	87	65	111	7.2	30
DIBENZ(A,H)ANTHRACENE	44.3	UG/L	1.0	NS	89	60	118	8.1	30
DIBENZOFURAN	43.6	UG/L	1.0	NS	88	65	108	9.1	30
DIETHYL PHTHALATE	63.7	UG/L	1.5	NS	129	61	108	45	30
DIMETHYL PHTHALATE	44.4	UG/L	1.3	NS	90	65	105	8.8	30
DI-N-BUTYL PHTHALATE	45.3	UG/L	1.1	NS	90	60	110	11	30
DI-N-OCTYL PHTHALATE	45.9	UG/L	1.1	NS	93	59	113	8.3	30
DIPHENYL ETHER	48.7	UG/L	0.58	NS	98	69	132	10	30
DIPHENYLAMINE	23.9	UG/L	0.93	NS	48	47	92	9.7	30
FLUORANTHENE	43.7	UG/L	0.91	NS	88	65	112	9.7	30
FLUORENE	43.5	UG/L	1.0	NS	88	66	106	9.2	30
HEXACHLOROBENZENE	43.0	UG/L	1.5	NS	87	65	108	10	30
HEXACHLOROBUTADIENE	42.5	UG/L	1.3	NS	86	59	105	10	30
HEXACHLOROCYCLOPENTADIENE	9.38	UG/L	3.4	NS	19	1.0	91	200	30
HEXACHLOROETHANE	43.9	UG/L	0.93	NS	89	56	112	12	30
HEXACHLOROPROPENE	40.2	UG/L	0.83	NS	81	42	129	4.7	30
INDENO(1,2,3-CD)PYRENE	43.3	UG/L	1.1	NS	87	60	118	7.2	30
ISOPHORONE	39.5	UG/L	1.1	NS	80	64	112	9.0	30
NAPHTHALENE	42.2	UG/L	0.87	NS	85	61	111	8.4	30
NITROBENZENE	41.4	UG/L	1.1	NS	84	61	108	8.7	30
N-NITROSODIETHYLAMINE	44.2	UG/L	1.3	NS	89	41	117	15	30
N-NITROSODIMETHYLAMINE	40.8	UG/L	0.93	NS	82	36	114	15	30
N-NITROSODI-N-BUTYLAMINE	35.8	UG/L	1.0	NS	72	35	125	13	30
N-NITROSODI-N-PROPYLAMINE	43.7	UG/L	1.0	NS	88	53	113	15	30
N-NITROSODIPHENYLAMINE	23.9	UG/L	0.93	NS	48	46	92	9.7	30
N-NITROSOMETHYLETHYLAMINE	43.1	UG/L	1.2	NS	87	45	111	15	30
N-NITROSOPIPERIDINE	43.5	UG/L	1.3	NS	88	51	108	14	30
N-NITROSOPYRROLIDINE	41.8	UG/L	1.2	NS	84	48	118	15	30
PENTACHLOROBENZENE	48.5	UG/L	0.54	NS	98	64	105	7.4	30
PENTACHLOROPHENOL	49.8	UG/L	5.4	NS	101	56	114	10	30
PHENANTHRENE	43.4	UG/L	0.99	NS	88	60	112	11	30
PHENOL	44.5	UG/L	2.1	NS	90	54	124	9.5	30
PYRENE	41.1	UG/L	0.91	NS	83	64	108	7.7	30
PYRIDINE	38.7	UG/L	1.9	NS	78	18	126	16	30
2,4,6-TRIBROMOPHENOL	94 RPR	UG/L		NS	94	51	130		
2-FLUOROBIPHENYL	91 RPR	UG/L		NS	91	58	116		
2-FLUOROPHENOL	90 RPR	UG/L		NS	90	44	114		

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type MSD	Lab Sample ID: K2QPX1-AD MSD			Lab: TAL-QES-AU					
NITROBENZENE-D5	89 RPR	UG/L		NS	89	52	114		
PHENOL-D5	89 RPR	UG/L		NS	89	45	116		
TERPHENYL-D14	92 RPR	UG/L		NS	92	64	126		

The following field samples are included in this batch:

Sampleno	Datesmpl	Lab Id	Lab
KEN-G-MW-1	11/11/2008	K2QPX1-AA FS	TAL-QES-AUS
KEN-G-MW-11A	11/12/2008	K2W0M1-AC FS	TAL-QES-AUS
KEN-G-MW-11B	11/12/2008	K2W0N1-AC FS	TAL-QES-AUS
KEN-G-MW-15	11/12/2008	K2W011-AC FS	TAL-QES-AUS
KEN-G-MW-16	11/10/2008	K2W041-AC FS	TAL-QES-AUS
KEN-G-MW-4B	11/11/2008	K2WR11-AC FS	TAL-QES-AUS
KEN-G-MW-6	11/12/2008	K2WR61-AC FS	TAL-QES-AUS
KEN-G-MW-7A	11/11/2008	K2WXH1-AC FS	TAL-QES-AUS
KEN-G-MW-7A-DUP	11/11/2008	K2WXQ1-AC FS	TAL-QES-AUS
KEN-K-EQBLK-GW1	11/11/2008	K2W1Q1-AC EB	TAL-QES-AUS

Corporate Environmental Database
Lab Analysis QAQC Report

Site: KENTEC
Project: GW SAMPLING 4Q08

Batch Identifier 233860 5030B 8260B 21-NOV-08 8329239 MSDA-B

Method Number: 8260B Prep Method: 5030B Pre-prep:
Batch Start Date: 11/21/2008 Intrument: MSDA-B

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type LCS	Lab Sample ID: K3JV11-AC LCS			Lab: TAL-QES-AU					
1,1-DICHLOROETHENE	23.1	UG/L	0.43	NS	115	62	135		
1,2-DICHLOROETHANE-D4	103 RPR	UG/L		NS	103	73	126		
4-BROMOFLUOROBENZENE	106 RPR	UG/L		NS	106	80	116		
DIBROMOFLUOROMETHANE	102 RPR	UG/L		NS	102	84	116		
TOLUENE-D8	107 RPR	UG/L		NS	107	89	119		
Sample Type LCSD	Lab Sample ID: K3JV11-AD LCSD			Lab: TAL-QES-AU					
1,1-DICHLOROETHENE	23.4	UG/L	0.43	NS	117	62	135	1.4	20
1,2-DICHLOROETHANE-D4	101 RPR	UG/L		NS	101	73	126		
4-BROMOFLUOROBENZENE	109 RPR	UG/L		NS	109	80	116		
DIBROMOFLUOROMETHANE	102 RPR	UG/L		NS	102	84	116		
TOLUENE-D8	108 RPR	UG/L		NS	108	89	119		
Sample Type MB	Lab Sample ID: K3JV11-AA MB			Lab: TAL-QES-AU					
1,1-DICHLOROETHENE	< 0.43	UG/L	0.43	1.0					
1,2-DICHLOROETHANE-D4	100 RPR	UG/L			100	69	133		
4-BROMOFLUOROBENZENE	104 RPR	UG/L			104	66	124		
DIBROMOFLUOROMETHANE	103 RPR	UG/L			103	81	127		
TOLUENE-D8	111 RPR	UG/L			111	87	121		
Sample Type MS	Lab Sample ID: K2W1C1-AC MS			Lab: TAL-QES-AU					
1,1-DICHLOROETHENE	25.2	UG/L	0.43	NS	126	62	135		
1,2-DICHLOROETHANE-D4	102 RPR	UG/L		NS	102	69	133		
4-BROMOFLUOROBENZENE	108 RPR	UG/L		NS	108	66	124		
DIBROMOFLUOROMETHANE	102 RPR	UG/L		NS	102	81	127		
TOLUENE-D8	108 RPR	UG/L		NS	108	87	121		
Sample Type MSD	Lab Sample ID: K2W1C1-AD MSD			Lab: TAL-QES-AU					
1,1-DICHLOROETHENE	25.0	UG/L	0.43	NS	125	62	135	1.0	20
1,2-DICHLOROETHANE-D4	97 RPR	UG/L		NS	97	69	133		
4-BROMOFLUOROBENZENE	105 RPR	UG/L		NS	105	66	124		
DIBROMOFLUOROMETHANE	100 RPR	UG/L		NS	100	81	127		
TOLUENE-D8	108 RPR	UG/L		NS	108	87	121		

The following field samples are included in this batch:

Sampleno	Datesmpl	Lab Id	Lab
KEN-K-EQBLK-GW1	11/11/2008	K2W1Q1-AA EB	TAL-QES-AUS
KEN-K-TBLK-GW1	11/10/2008	K2W1T1-AA TB	TAL-QES-AUS
KEN-K-TBLK-SW	11/10/2008	K2W1L1-AA TB	TAL-QES-AUS
KEN-W-SW-11	11/10/2008	K2W1C1-AA FS	TAL-QES-AUS
KEN-W-SW-29	11/10/2008	K2W1F1-AA FS	TAL-QES-AUS
KEN-W-SW-9	11/10/2008	K2W081-AA FS	TAL-QES-AUS
KEN-W-SW-9-DUP	11/10/2008	K2W1A1-AA FS	TAL-QES-AUS

Corporate Environmental Database
Lab Analysis QAQC Report

Site: KENTEC
Project: GW SAMPLING 4Q08

Batch Identifier 233861 5030B 8260B 19-NOV-08 8326196 MSDA-B

Method Number: 8260B Prep Method: 5030B Pre-prep:
Batch Start Date: 11/19/2008 Intrument: MSDA-B

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type LCS	Lab Sample ID: K3EL71-AC LCS			Lab: TAL-QES-AU					
1,1-DICHLOROETHENE	23.8	UG/L	0.43	NS	119	62	135		
1,2-DICHLOROETHANE-D4	93 RPR	UG/L		NS	93	73	126		
4-BROMOFLUOROBENZENE	102 RPR	UG/L		NS	102	80	116		
DIBROMOFLUOROMETHANE	99 RPR	UG/L		NS	99	84	116		
TOLUENE-D8	107 RPR	UG/L		NS	107	89	119		
Sample Type LCSD	Lab Sample ID: K3EL71-AD LCSD			Lab: TAL-QES-AU					
1,1-DICHLOROETHENE	24.6	UG/L	0.43	NS	123	62	135	2.9	20
1,2-DICHLOROETHANE-D4	94 RPR	UG/L		NS	94	73	126		
4-BROMOFLUOROBENZENE	105 RPR	UG/L		NS	105	80	116		
DIBROMOFLUOROMETHANE	99 RPR	UG/L		NS	99	84	116		
TOLUENE-D8	107 RPR	UG/L		NS	107	89	119		
Sample Type MB	Lab Sample ID: K3EL71-AA MB			Lab: TAL-QES-AU					
1,1-DICHLOROETHENE	< 0.43	UG/L	0.43	1.0					
1,2-DICHLOROETHANE-D4	93 RPR	UG/L			93	69	133		
4-BROMOFLUOROBENZENE	100 RPR	UG/L			100	66	124		
DIBROMOFLUOROMETHANE	100 RPR	UG/L			100	81	127		
TOLUENE-D8	109 RPR	UG/L			109	87	121		
Sample Type MS	Lab Sample ID: K2WRK1-AC MS			Lab: TAL-QES-AU					
1,1-DICHLOROETHENE	26.1	UG/L	0.43	NS	131	62	135		
1,2-DICHLOROETHANE-D4	92 RPR	UG/L		NS	92	69	133		
4-BROMOFLUOROBENZENE	101 RPR	UG/L		NS	101	66	124		
DIBROMOFLUOROMETHANE	98 RPR	UG/L		NS	98	81	127		
TOLUENE-D8	107 RPR	UG/L		NS	107	87	121		
Sample Type MSD	Lab Sample ID: K2WRK1-AD MSD			Lab: TAL-QES-AU					
1,1-DICHLOROETHENE	26.1	UG/L	0.43	NS	130	62	135	0.20	20
1,2-DICHLOROETHANE-D4	91 RPR	UG/L		NS	91	69	133		
4-BROMOFLUOROBENZENE	105 RPR	UG/L		NS	105	66	124		
DIBROMOFLUOROMETHANE	99 RPR	UG/L		NS	99	81	127		
TOLUENE-D8	110 RPR	UG/L		NS	110	87	121		

The following field samples are included in this batch:

Sampleno	Datesmpl	Lab Id	Lab
KEN-G-MW-1	11/11/2008	K2WRK1-AA FS	TAL-QES-AUS
KEN-G-MW-10A	11/11/2008	K2W0J1-AA FS	TAL-QES-AUS
KEN-G-MW-3	11/11/2008	K2WRR1-AA FS	TAL-QES-AUS
KEN-G-MW-4A	11/11/2008	K2WR01-AA FS	TAL-QES-AUS
KEN-G-MW-4B	11/11/2008	K2WR11-AA FS	TAL-QES-AUS
KEN-G-MW-6	11/12/2008	K2WR61-AA FS	TAL-QES-AUS
KEN-G-MW-7A	11/11/2008	K2WXH1-AA FS	TAL-QES-AUS
KEN-G-MW-7A-DUP	11/11/2008	K2WXQ1-AA FS	TAL-QES-AUS
KEN-G-MW-7B	11/11/2008	K2W0F1-AA FS	TAL-QES-AUS
KEN-G-MW-9	11/11/2008	K2W0G1-AA FS	TAL-QES-AUS

Corporate Environmental Database
Lab Analysis QAQC Report

Site: KENTEC
Project: GW SAMPLING 4Q08

Batch Identifier 233862 5030B 8260B 20-NOV-08 8329593 MSDA-B

Method Number: 8260B Prep Method: 5030B Pre-prep:
Batch Start Date: 11/20/2008 Intrument: MSDA-B

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type LCS	Lab Sample ID: K3K2F1-AC LCS			Lab: TAL-QES-AU					
1,1-DICHLOROETHENE	21.7	UG/L	0.43	NS	108	62	135		
1,2-DICHLOROETHANE-D4	110 RPR	UG/L		NS	110	73	126		
4-BROMOFLUOROBENZENE	105 RPR	UG/L		NS	105	80	116		
DIBROMOFLUOROMETHANE	107 RPR	UG/L		NS	107	84	116		
TOLUENE-D8	110 RPR	UG/L		NS	110	89	119		
Sample Type LCSD	Lab Sample ID: K3K2F1-AD LCSD			Lab: TAL-QES-AU					
1,1-DICHLOROETHENE	22.1	UG/L	0.43	NS	111	62	135	2.1	20
1,2-DICHLOROETHANE-D4	109 RPR	UG/L		NS	109	73	126		
4-BROMOFLUOROBENZENE	106 RPR	UG/L		NS	106	80	116		
DIBROMOFLUOROMETHANE	106 RPR	UG/L		NS	106	84	116		
TOLUENE-D8	109 RPR	UG/L		NS	109	89	119		
Sample Type MB	Lab Sample ID: K3K2F1-AA MB			Lab: TAL-QES-AU					
1,1-DICHLOROETHENE	< 0.43	UG/L	0.43	1.0					
1,2-DICHLOROETHANE-D4	106 RPR	UG/L			106	69	133		
4-BROMOFLUOROBENZENE	102 RPR	UG/L			102	66	124		
DIBROMOFLUOROMETHANE	108 RPR	UG/L			108	81	127		
TOLUENE-D8	113 RPR	UG/L			113	87	121		
Sample Type MS	Lab Sample ID: K2W0X1-AD MS			Lab: TAL-QES-AU					
1,1-DICHLOROETHENE	24.2	UG/L	0.43	NS	121	62	135		
1,2-DICHLOROETHANE-D4	99 RPR	UG/L		NS	99	69	133		
4-BROMOFLUOROBENZENE	102 RPR	UG/L		NS	102	66	124		
DIBROMOFLUOROMETHANE	104 RPR	UG/L		NS	104	81	127		
TOLUENE-D8	109 RPR	UG/L		NS	109	87	121		
Sample Type MSD	Lab Sample ID: K2W0X1-AE MSD			Lab: TAL-QES-AU					
1,1-DICHLOROETHENE	24.1	UG/L	0.43	NS	120	62	135	0.67	20
1,2-DICHLOROETHANE-D4	108 RPR	UG/L		NS	108	69	133		
4-BROMOFLUOROBENZENE	104 RPR	UG/L		NS	104	66	124		
DIBROMOFLUOROMETHANE	104 RPR	UG/L		NS	104	81	127		
TOLUENE-D8	109 RPR	UG/L		NS	109	87	121		

The following field samples are included in this batch:

Sampleno	Datesmpl	Lab Id	Lab
KEN-G-MW-10B	11/11/2008	K2W0K1-AA FS	TAL-QES-AUS
KEN-G-MW-11A	11/12/2008	K2W0M1-AA FS	TAL-QES-AUS
KEN-G-MW-11B	11/12/2008	K2W0N1-AA FS	TAL-QES-AUS
KEN-G-MW-12	11/12/2008	K2W0R1-AA FS	TAL-QES-AUS
KEN-G-MW-14A	11/12/2008	K2W0V1-AA FS	TAL-QES-AUS
KEN-G-MW-14B	11/12/2008	K2W0X1-AA FS	TAL-QES-AUS
KEN-G-MW-15	11/12/2008	K2W011-AA FS	TAL-QES-AUS
KEN-G-MW-16	11/10/2008	K2W041-AA FS	TAL-QES-AUS
KEN-G-MW-19	11/10/2008	K2W021-AA FS	TAL-QES-AUS
KEN-W-SW-24	11/10/2008	K2W1E1-AA FS	TAL-QES-AUS

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ANALYTICAL REPORT

PROJECT NO. GW SAMP 4Q08

KEN

Lot #: I8K120192

HARDER M

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG
Building 19, Room 2121
4417 Lancaster Pike
Wilmington, DE 19805

TESTAMERICA LABORATORIES, INC.

Chris J. Schepcoff
Project Manager

November 25, 2008

Case Narrative

LOT NUMBER: **I8K120192**

This report contains the analytical results for the 14 samples received under chain of custody by TestAmerica Laboratories, Inc. on November 12, 2008. These samples are associated with your KEN project.

All samples were received in good condition and within temperature requirements.

All applicable quality control procedures met method-specified acceptance criteria except where noted in the case narrative or flagged on the result pages.

This report shall not be reproduced except in full, without the written approval of the laboratory.

If you have any questions, please feel free to call me at (512) 310-5335.

Sample ID: KEN-G-MW-19 for 8270C semivolatiles received 11/12/08 without a chain of custody. The chain of custody was received the next day, 11/13/08. The sample was logged with the samples received on 11/12/08 and a copy of the chain received the next day is included with this report.

Affected Samples:
I8K120192 (1):
Affected Methods:
8270C
Details:
Sample contains several surrogate recoveries low and outside of the stated control limits.

EXECUTIVE SUMMARY - Detection Highlights

I8K120192

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
KEN-G-MW-1 11/11/08 08:55 001				
1,4-Dioxane	34	20	ug/L	SW846 8270C
KEN-G-MW-3 11/11/08 09:35 002				
1,4-Dioxane	42	20	ug/L	SW846 8270C
KEN-G-MW-4A 11/11/08 12:50 003				
1,4-Dioxane	370	98	ug/L	SW846 8270C
KEN-G-MW-9 11/11/08 13:35 005				
1,4-Dioxane	2.0 J	20	ug/L	SW846 8270C
KEN-G-MW-10A 11/11/08 14:10 006				
1,4-Dioxane	9.4 J	20	ug/L	SW846 8270C
KEN-G-MW-10B 11/11/08 14:40 007				
1,4-Dioxane	3.2 J	20	ug/L	SW846 8270C
KEN-G-SW-9 11/10/08 12:40 008				
1,4-Dioxane	12 J	20	ug/L	SW846 8270C
KEN-G-SW-9-DUP 11/10/08 12:40 009				
1,4-Dioxane	12 J	19	ug/L	SW846 8270C
KEN-G-SW-11 11/10/08 13:05 010				
1,4-Dioxane	8.5 J	20	ug/L	SW846 8270C
KEN-G-SW-24 11/10/08 13:30 011				
1,4-Dioxane	71	20	ug/L	SW846 8270C
KEN-G-SW-29 11/10/08 14:00 012				
1,4-Dioxane	53	20	ug/L	SW846 8270C

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

I8K120192

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
KEN-G-MW-19 11/10/08 14:45 014				
1,4-Dioxane	190	40	ug/L	SW846 8270C

ANALYTICAL METHODS SUMMARY

I8K120192

PARAMETER	ANALYTICAL METHOD
Semivolatile Organic Compounds by GC/MS	SW846 8270C

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

I8K120192

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
K2QPX	001	KEN-G-MW-1	11/11/08	08:55
K2QVF	002	KEN-G-MW-3	11/11/08	09:35
K2QVJ	003	KEN-G-MW-4A	11/11/08	12:50
K2QVM	004	KEN-G-MW-7B	11/11/08	11:15
K2QVQ	005	KEN-G-MW-9	11/11/08	13:35
K2QVW	006	KEN-G-MW-10A	11/11/08	14:10
K2QV1	007	KEN-G-MW-10B	11/11/08	14:40
K2QV3	008	KEN-G-SW-9	11/10/08	12:40
K2QV5	009	KEN-G-SW-9-DUP	11/10/08	12:40
K2QV9	010	KEN-G-SW-11	11/10/08	13:05
K2QWD	011	KEN-G-SW-24	11/10/08	13:30
K2QWH	012	KEN-G-SW-29	11/10/08	14:00
K2QWK	013	KEN-K-EQBLK-SW	11/10/08	17:00
K2QWN	014	KEN-G-MW-19	11/10/08	14:45

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

QC DATA ASSOCIATION SUMMARY

I8K120192

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8270C		8322507	8322412
002	WATER	SW846 8270C		8322504	8322403
003	WATER	SW846 8270C		8322504	8322403
004	WATER	SW846 8270C		8322504	8322403
005	WATER	SW846 8270C		8322504	8322403
006	WATER	SW846 8270C		8322504	8322403
007	WATER	SW846 8270C		8322504	8322403
008	WATER	SW846 8270C		8322504	8322403
009	WATER	SW846 8270C		8322504	8322403
010	WATER	SW846 8270C		8322504	8322403
011	WATER	SW846 8270C		8322504	8322403
012	WATER	SW846 8270C		8322504	8322403
013	WATER	SW846 8270C		8322504	8322403
014	WATER	SW846 8270C		8322504	8322403

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-1

GC/MS Semivolatiles

Lot-Sample #...: I8K120192-001 Work Order #...: K2QPX1AA Matrix.....: WATER
Date Sampled...: 11/11/08 08:55 Date Received..: 11/12/08 MS Run #.....: 8322412
Prep Date.....: 11/17/08 Analysis Date..: 11/21/08
Prep Batch #...: 8322507 Analysis Time..: 14:24
Dilution Factor: 0.98

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	34	20	ug/L	0.63

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	49 *	(52 - 114)
2-Fluorobiphenyl	48 *	(58 - 116)
Terphenyl-d14	51 *	(64 - 126)
2-Fluorophenol	47	(44 - 114)
Phenol-d5	46	(45 - 116)
2,4,6-Tribromophenol	42 *	(51 - 130)

NOTE(S):

* Surrogate recovery is outside stated control limits.

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-3

GC/MS Semivolatiles

Lot-Sample #...:	I8K120192-002	Work Order #...:	K2QVF1AA	Matrix.....:	WATER
Date Sampled...:	11/11/08 09:35	Date Received..:	11/12/08	MS Run #.....:	8322403
Prep Date.....:	11/17/08	Analysis Date..:	11/20/08		
Prep Batch #...:	8322504	Analysis Time..:	00:25		
Dilution Factor:	0.98				
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	42	20	ug/L	0.63

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	87	(52 - 114)
2-Fluorobiphenyl	82	(58 - 116)
Terphenyl-d14	90	(64 - 126)
2-Fluorophenol	85	(44 - 114)
Phenol-d5	88	(45 - 116)
2,4,6-Tribromophenol	89	(51 - 130)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-4A

GC/MS Semivolatiles

Lot-Sample #...:	I8K120192-003	Work Order #...:	K2QVJ1AA	Matrix.....:	WATER
Date Sampled...:	11/11/08 12:50	Date Received..:	11/12/08	MS Run #.....:	8322403
Prep Date.....:	11/17/08	Analysis Date..:	11/24/08		
Prep Batch #...:	8322504	Analysis Time..:	10:15		
Dilution Factor:	4.9				
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	370	98	ug/L	3.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	90 DIL	(52 - 114)
2-Fluorobiphenyl	87 DIL	(58 - 116)
Terphenyl-d14	92 DIL	(64 - 126)
2-Fluorophenol	87 DIL	(44 - 114)
Phenol-d5	88 DIL	(45 - 116)
2,4,6-Tribromophenol	80 DIL	(51 - 130)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-7B

GC/MS Semivolatiles

Lot-Sample #...: I8K120192-004 Work Order #...: K2QVM1AA Matrix.....: WATER
Date Sampled...: 11/11/08 11:15 Date Received..: 11/12/08 MS Run #.....: 8322403
Prep Date.....: 11/17/08 Analysis Date..: 11/20/08
Prep Batch #...: 8322504 Analysis Time..: 17:23
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	20	ug/L	0.64

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	93	(52 - 114)
2-Fluorobiphenyl	88	(58 - 116)
Terphenyl-d14	92	(64 - 126)
2-Fluorophenol	89	(44 - 114)
Phenol-d5	89	(45 - 116)
2,4,6-Tribromophenol	91	(51 - 130)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-9

GC/MS Semivolatiles

Lot-Sample #...: I8K120192-005 Work Order #...: K2QVQ1AA Matrix.....: WATER
Date Sampled...: 11/11/08 13:35 Date Received..: 11/12/08 MS Run #.....: 8322403
Prep Date.....: 11/17/08 Analysis Date..: 11/20/08
Prep Batch #...: 8322504 Analysis Time..: 17:45
Dilution Factor: 1
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	2.0 J	20	ug/L	0.64

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	89	(52 - 114)
2-Fluorobiphenyl	84	(58 - 116)
Terphenyl-d14	91	(64 - 126)
2-Fluorophenol	85	(44 - 114)
Phenol-d5	88	(45 - 116)
2,4,6-Tribromophenol	89	(51 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-10A

GC/MS Semivolatiles

Lot-Sample #...: I8K120192-006 Work Order #...: K2QVW1AA Matrix.....: WATER
Date Sampled...: 11/11/08 14:10 Date Received..: 11/12/08 MS Run #.....: 8322403
Prep Date.....: 11/17/08 Analysis Date..: 11/20/08
Prep Batch #...: 8322504 Analysis Time..: 18:07
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	9.4 J	20	ug/L	0.64

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	90	(52 - 114)
2-Fluorobiphenyl	86	(58 - 116)
Terphenyl-d14	90	(64 - 126)
2-Fluorophenol	88	(44 - 114)
Phenol-d5	90	(45 - 116)
2,4,6-Tribromophenol	92	(51 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-10B

GC/MS Semivolatiles

Lot-Sample #...:	I8K120192-007	Work Order #...:	K2QV11AA	Matrix.....:	WATER
Date Sampled...:	11/11/08 14:40	Date Received..:	11/12/08	MS Run #.....:	8322403
Prep Date.....:	11/17/08	Analysis Date..:	11/20/08		
Prep Batch #...:	8322504	Analysis Time..:	18:28		
Dilution Factor:	0.98				
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	3.2 J	20	ug/L	0.63

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	88	(52 - 114)
2-Fluorobiphenyl	84	(58 - 116)
Terphenyl-d14	88	(64 - 126)
2-Fluorophenol	84	(44 - 114)
Phenol-d5	86	(45 - 116)
2,4,6-Tribromophenol	89	(51 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-SW-9

GC/MS Semivolatiles

Lot-Sample #...: I8K120192-008 Work Order #...: K2QV31AA Matrix.....: WATER
Date Sampled...: 11/10/08 12:40 Date Received..: 11/12/08 MS Run #.....: 8322403
Prep Date.....: 11/17/08 Analysis Date..: 11/20/08
Prep Batch #...: 8322504 Analysis Time..: 18:50
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	12 J	20	ug/L	0.64

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	90	(52 - 114)
2-Fluorobiphenyl	86	(58 - 116)
Terphenyl-d14	90	(64 - 126)
2-Fluorophenol	82	(44 - 114)
Phenol-d5	81	(45 - 116)
2,4,6-Tribromophenol	91	(51 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-SW-9-DUP

GC/MS Semivolatiles

Lot-Sample #...:	I8K120192-009	Work Order #...:	K2QV51AA	Matrix.....:	WATER
Date Sampled...:	11/10/08 12:40	Date Received..:	11/12/08	MS Run #.....:	8322403
Prep Date.....:	11/17/08	Analysis Date..:	11/20/08		
Prep Batch #...:	8322504	Analysis Time..:	19:11		
Dilution Factor:	0.97				
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	12 J	19	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	91	(52 - 114)
2-Fluorobiphenyl	85	(58 - 116)
Terphenyl-d14	90	(64 - 126)
2-Fluorophenol	82	(44 - 114)
Phenol-d5	84	(45 - 116)
2,4,6-Tribromophenol	92	(51 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-SW-11

GC/MS Semivolatiles

Lot-Sample #...: I8K120192-010 Work Order #...: K2QV91AA Matrix.....: WATER
Date Sampled...: 11/10/08 13:05 Date Received..: 11/12/08 MS Run #.....: 8322403
Prep Date.....: 11/17/08 Analysis Date..: 11/19/08
Prep Batch #...: 8322504 Analysis Time..: 21:11
Dilution Factor: 1
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	8.5 J	20	ug/L	0.64

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	96	(52 - 114)
2-Fluorobiphenyl	92	(58 - 116)
Terphenyl-d14	95	(64 - 126)
2-Fluorophenol	92	(44 - 114)
Phenol-d5	94	(45 - 116)
2,4,6-Tribromophenol	98	(51 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-SW-24

GC/MS Semivolatiles

Lot-Sample #...: I8K120192-011 Work Order #...: K2QWD1AA Matrix.....: WATER
Date Sampled...: 11/10/08 13:30 Date Received..: 11/12/08 MS Run #.....: 8322403
Prep Date.....: 11/17/08 Analysis Date..: 11/20/08
Prep Batch #...: 8322504 Analysis Time..: 19:33
Dilution Factor: 0.99
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	71	20	ug/L	0.64

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	90	(52 - 114)
2-Fluorobiphenyl	88	(58 - 116)
Terphenyl-d14	93	(64 - 126)
2-Fluorophenol	85	(44 - 114)
Phenol-d5	86	(45 - 116)
2,4,6-Tribromophenol	95	(51 - 130)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-SW-29

GC/MS Semivolatiles

Lot-Sample #...:	I8K120192-012	Work Order #...:	K2QWH1AA	Matrix.....:	WATER
Date Sampled...:	11/10/08 14:00	Date Received..:	11/12/08	MS Run #.....:	8322403
Prep Date.....:	11/17/08	Analysis Date..:	11/20/08		
Prep Batch #...:	8322504	Analysis Time..:	19:54		
Dilution Factor:	0.99				
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	53	20	ug/L	0.64

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	81	(52 - 114)
2-Fluorobiphenyl	79	(58 - 116)
Terphenyl-d14	84	(64 - 126)
2-Fluorophenol	78	(44 - 114)
Phenol-d5	80	(45 - 116)
2,4,6-Tribromophenol	85	(51 - 130)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-K-EQBLK-SW

GC/MS Semivolatiles

Lot-Sample #...:	I8K120192-013	Work Order #...:	K2QWK1AA	Matrix.....:	WATER
Date Sampled...:	11/10/08 17:00	Date Received..:	11/12/08	MS Run #.....:	8322403
Prep Date.....:	11/17/08	Analysis Date..:	11/20/08		
Prep Batch #...:	8322504	Analysis Time..:	20:16		
Dilution Factor:	0.97				
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	19	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	89	(52 - 114)
2-Fluorobiphenyl	84	(58 - 116)
Terphenyl-d14	91	(64 - 126)
2-Fluorophenol	86	(44 - 114)
Phenol-d5	88	(45 - 116)
2,4,6-Tribromophenol	91	(51 - 130)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-19

GC/MS Semivolatiles

Lot-Sample #...: I8K120192-014 Work Order #...: K2QWN1AA Matrix.....: WATER
Date Sampled...: 11/10/08 14:45 Date Received..: 11/12/08 MS Run #.....: 8322403
Prep Date.....: 11/17/08 Analysis Date..: 11/21/08
Prep Batch #...: 8322504 Analysis Time..: 19:21
Dilution Factor: 2
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	190	40	ug/L	1.3

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	90 DIL	(52 - 114)
2-Fluorobiphenyl	87 DIL	(58 - 116)
Terphenyl-d14	94 DIL	(64 - 126)
2-Fluorophenol	86 DIL	(44 - 114)
Phenol-d5	88 DIL	(45 - 116)
2,4,6-Tribromophenol	88 DIL	(51 - 130)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: I8K120192 **Work Order #...:** K24031AA **Matrix.....:** WATER
MB Lot-Sample #: I8K170000-504

Prep Date.....: 11/17/08 **Analysis Time..:** 20:28
Analysis Date..: 11/19/08 **Prep Batch #...:** 8322504
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,4-Dioxane	ND	20	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	88	(52 - 114)
2-Fluorobiphenyl	83	(58 - 116)
Terphenyl-d14	89	(64 - 126)
2-Fluorophenol	90	(44 - 114)
Phenol-d5	90	(45 - 116)
2,4,6-Tribromophenol	84	(51 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: I8K120192
MB Lot-Sample #: I8K170000-507
Work Order #...: K24241AA
Matrix.....: WATER
Prep Date.....: 11/17/08
Analysis Time..: 12:57
Analysis Date..: 11/21/08
Prep Batch #...: 8322507
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,4-Dioxane	ND	20	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	83	(52 - 114)
2-Fluorobiphenyl	84	(58 - 116)
Terphenyl-d14	88	(64 - 126)
2-Fluorophenol	88	(44 - 114)
Phenol-d5	83	(45 - 116)
2,4,6-Tribromophenol	78	(51 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I8K120192 Work Order #...: K24031AC Matrix.....: WATER
LCS Lot-Sample#: I8K170000-504
Prep Date.....: 11/17/08 Analysis Date..: 11/19/08
Prep Batch #...: 8322504 Analysis Time..: 20:49
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,4-Dioxane	89	(29 - 116)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	94	(69 - 117)
2-Fluorobiphenyl	86	(63 - 117)
Terphenyl-d14	92	(65 - 106)
2-Fluorophenol	91	(59 - 113)
Phenol-d5	91	(62 - 121)
2,4,6-Tribromophenol	94	(67 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: I8K120192 **Work Order #...:** K24031AC **Matrix.....:** WATER
LCS Lot-Sample#: I8K170000-504
Prep Date.....: 11/17/08 **Analysis Date..:** 11/19/08
Prep Batch #...: 8322504 **Analysis Time..:** 20:49
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,4-Dioxane	50.0	44.5	ug/L	89	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	94	(69 - 117)
2-Fluorobiphenyl	86	(63 - 117)
Terphenyl-d14	92	(65 - 106)
2-Fluorophenol	91	(59 - 113)
Phenol-d5	91	(62 - 121)
2,4,6-Tribromophenol	94	(67 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I8K120192 **Work Order #...:** K24241AC **Matrix.....:** WATER
LCS Lot-Sample#: I8K170000-507
Prep Date.....: 11/17/08 **Analysis Date..:** 11/21/08
Prep Batch #...: 8322507 **Analysis Time..:** 13:19
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,4-Dioxane	82	(29 - 116)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	83	(69 - 117)
2-Fluorobiphenyl	84	(63 - 117)
Terphenyl-d14	86	(65 - 106)
2-Fluorophenol	84	(59 - 113)
Phenol-d5	83	(62 - 121)
2,4,6-Tribromophenol	90	(67 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: I8K120192 **Work Order #...:** K24241AC **Matrix.....:** WATER
LCS Lot-Sample#: I8K170000-507
Prep Date.....: 11/17/08 **Analysis Date..:** 11/21/08
Prep Batch #...: 8322507 **Analysis Time..:** 13:19
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,4-Dioxane	50.0	41.0	ug/L	82	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	83	(69 - 117)
2-Fluorobiphenyl	84	(63 - 117)
Terphenyl-d14	86	(65 - 106)
2-Fluorophenol	84	(59 - 113)
Phenol-d5	83	(62 - 121)
2,4,6-Tribromophenol	90	(67 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I8K120192 Work Order #...: K24241AD-LCS Matrix.....: WATER
LCS Lot-Sample#: I8K170000-507 K24241AE-LCSD
Prep Date.....: 11/17/08 Analysis Date..: 11/21/08
Prep Batch #...: 8322507 Analysis Time..: 13:41
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,4-Dioxane	92	(29 - 116)			SW846 8270C
	86	(29 - 116)	7.4	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	88	(69 - 117)
	84	(69 - 117)
2-Fluorobiphenyl	87	(63 - 117)
	87	(63 - 117)
Terphenyl-d14	93	(65 - 106)
	90	(65 - 106)
2-Fluorophenol	94	(59 - 113)
	88	(59 - 113)
Phenol-d5	88	(62 - 121)
	85	(62 - 121)
2,4,6-Tribromophenol	92	(67 - 120)
	87	(67 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: I8K120192 **Work Order #...:** K24241AD-LCS **Matrix.....:** WATER
LCS Lot-Sample#: I8K170000-507 K24241AE-LCSD
Prep Date.....: 11/17/08 **Analysis Date..:** 11/21/08
Prep Batch #...: 8322507 **Analysis Time..:** 13:41
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,4-Dioxane	50.0	46.2	ug/L	92		SW846 8270C
	50.0	42.9	ug/L	86	7.4	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	88	(69 - 117)
	84	(69 - 117)
2-Fluorobiphenyl	87	(63 - 117)
	87	(63 - 117)
Terphenyl-d14	93	(65 - 106)
	90	(65 - 106)
2-Fluorophenol	94	(59 - 113)
	88	(59 - 113)
Phenol-d5	88	(62 - 121)
	85	(62 - 121)
2,4,6-Tribromophenol	92	(67 - 120)
	87	(67 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I8K120192 Work Order #...: K2QV91AC-MS Matrix.....: WATER
MS Lot-Sample #: I8K120192-010 K2QV91AD-MSD
Date Sampled...: 11/10/08 13:05 Date Received..: 11/12/08 MS Run #.....: 8322403
Prep Date.....: 11/17/08 Analysis Date..: 11/19/08
Prep Batch #...: 8322504 Analysis Time..: 21:32
Dilution Factor: 1.05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,4-Dioxane	89	(29 - 116)			SW846 8270C
	92	(29 - 116)	2.2	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	95	(52 - 114)
	99	(52 - 114)
2-Fluorobiphenyl	88	(58 - 116)
	92	(58 - 116)
Terphenyl-d14	93	(64 - 126)
	97	(64 - 126)
2-Fluorophenol	91	(44 - 114)
	95	(44 - 114)
Phenol-d5	93	(45 - 116)
	97	(45 - 116)
2,4,6-Tribromophenol	99	(51 - 130)
	101	(51 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: I8K120192 Work Order #...: K2QV91AC-MS Matrix.....: WATER
MS Lot-Sample #: I8K120192-010 K2QV91AD-MSD
Date Sampled...: 11/10/08 13:05 Date Received..: 11/12/08 MS Run #.....: 8322403
Prep Date.....: 11/17/08 Analysis Date..: 11/19/08
Prep Batch #...: 8322504 Analysis Time..: 21:32
Dilution Factor: 1.05

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,4-Dioxane	8.5	52.6	55.5	ug/L	89		SW846 8270C
	8.5	52.6	56.7	ug/L	92	2.2	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	95	(52 - 114)
	99	(52 - 114)
2-Fluorobiphenyl	88	(58 - 116)
	92	(58 - 116)
Terphenyl-d14	93	(64 - 126)
	97	(64 - 126)
2-Fluorophenol	91	(44 - 114)
	95	(44 - 114)
Phenol-d5	93	(45 - 116)
	97	(45 - 116)
2,4,6-Tribromophenol	99	(51 - 130)
	101	(51 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I8K120192 Work Order #...: K2QPX1AC-MS Matrix.....: WATER
MS Lot-Sample #: I8K120192-001 K2QPX1AD-MSD
Date Sampled...: 11/11/08 08:55 Date Received..: 11/12/08 MS Run #.....: 8322412
Prep Date.....: 11/17/08 Analysis Date..: 11/21/08
Prep Batch #...: 8322507 Analysis Time..: 14:46
Dilution Factor: 0.99

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,4-Dioxane	118 a	(29 - 116)			SW846 8270C
	136 a	(29 - 116)	9.2	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	82	(52 - 114)
	89	(52 - 114)
2-Fluorobiphenyl	82	(58 - 116)
	91	(58 - 116)
Terphenyl-d14	86	(64 - 126)
	92	(64 - 126)
2-Fluorophenol	82	(44 - 114)
	90	(44 - 114)
Phenol-d5	81	(45 - 116)
	89	(45 - 116)
2,4,6-Tribromophenol	86	(51 - 130)
	94	(51 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: I8K120192 **Work Order #...:** K2QPX1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: I8K120192-001 K2QPX1AD-MSD
Date Sampled...: 11/11/08 08:55 **Date Received..:** 11/12/08 **MS Run #.....:** 8322412
Prep Date.....: 11/17/08 **Analysis Date..:** 11/21/08
Prep Batch #...: 8322507 **Analysis Time..:** 14:46
Dilution Factor: 0.99

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,4-Dioxane	34	49.5	91.8	ug/L	118 a		SW846 8270C
	34	49.5	101	ug/L	136 a	9.2	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	82	(52 - 114)
	89	(52 - 114)
2-Fluorobiphenyl	82	(58 - 116)
	91	(58 - 116)
Terphenyl-d14	86	(64 - 126)
	92	(64 - 126)
2-Fluorophenol	82	(44 - 114)
	90	(44 - 114)
Phenol-d5	81	(45 - 116)
	89	(45 - 116)
2,4,6-Tribromophenol	86	(51 - 130)
	94	(51 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

a Spiked analyte recovery is outside stated control limits.

Report Attachment

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of the NELAC standards. All data have been found to be compliant with laboratory protocol except as otherwise noted.

Note that if this report contains tests performed for the following methods, the associated method deviations are applicable.

EPA 410.4, COD: Laboratory uses different analytical wavelength as specified by instrument manufacturer.
EPA 340.2, Fluoride: Preliminary Bellack distillation not performed.
EPA 624: The laboratory uses a different desorb time and purge volume than stated in the method.
Iowa OA1: Benzene, toluene, ethylbenzene and xylenes (BTEX) are not analyzed along with the Gasoline Range Organics if client does not require BTEX.
EPA TO-12: Samples not analyzed in duplicate.
EPA TO-14A and TO-15: Zero humidified nitrogen is used in place of air for method blanks.

TRRP Reporting Requirements

If this package contains reports requiring TRRP (Texas Risk Reduction Program) reporting criteria, the following information applies.

The REPORTING LIMIT is equivalent to the TRRP acronym MQL (method quantitation limit).
The MDL is equivalent to the TRRP acronym SDL (sample detection limit).

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN-OF-CUSTODY ADDENDUM

Lot No: I8K120192

CHECKED/RECEIVED BY: [illegible]

COC NUMBER:

DATE/TIME RECEIVED: 11/12/08 09:00

QUOTE/PROFILE: 45870

UNPACKED DATE/TIME: 11/12/08 10:00

chris

CLIENT/PROJECT: Dupont Kinston

SAMPLES LOGGED IN: [illegible]

LOG-IN REVIEWED: [illegible]

Number of Shipping Containers Received with Chain of Custody: 1

VOC AIR / FILTER SAMPLES ☐ YES SEE SECTIONS 1.0, 2.0, & 6.0

1.0 CONTAINERS EXAMINED UPON RECEIPT: [illegible]

Container Sealed: ☑ YES ☑ NO

Custody Seal Signed/Dated: ☑ YES ☐ NO

Custody Seal Present: ☑ YES ☐ NO

If seal not intact list air bill number of that container(s):

2.0 VOC CANISTERS EXAMINED UPON RECEIPT:

Canister Valves Closed: ☐ YES ☐ NO

Canister Valves Capped: ☐ YES ☐ NO

Valve Cap Tightened Properly: ☐ YES ☐ NO

Packing Material Used: (circle)

None / Absorbent / Paper / Bubble Wrap

Samples Received Match Chain: ☐ YES ☐ NO

Other Equipment Received: ☐ YES ☐ NO

See Additional Comments (Section 5.0 and / or 7.0) ☐ YES ☐ NO

Chain-of-Custody form properly maintained: ☐ YES ☐ NO

Can Size: ☐ 6L ☐ 15L Other

3.0 SAMPLE TEMPERATURE UPON RECEIPT BY: [illegible] **IR THERMOMETER #:** ☑ P4 ☐ P5

Temperature of the container(s):

Circle selection: TB = Temp. Blank and/or SC = Sample Container CF = Correction Factor [*acceptable tolerance 4°C ± 2°*]

TB ~~SC~~	TB ~~SC~~	TB ~~SC~~	TB ~~SC~~	TB SC	TB SC	TB SC	TB SC
Initial 3.2	Initial 3.0	Initial 2.9	Initial 2.0	Initial	Initial	Initial	Initial
CF 0.0	CF 0.0	CF 0.0	CF 0.0	CF	CF	CF	CF
Final 3.2	Final 3.0	Final 2.9	Final 2.0	Final	Final	Final	Final

If temperature is outside acceptable tolerance, Project Manager was notified (_____PM). Date: _____ Time: _____

Samples received do not require cooling _____ OK to analyze samples: ☑ YES ☐ NO

PRESERVATION OF SAMPLES REQUIRED: ☑ NA ☐ YES ☐ VOA Samples **VERIFIED BY:** [illegible]

NOTE: pH CHECK OF SAMPLES FOR 1664A ANALYSIS CHECK AT TIME OF ANALYSIS BY BENCH ANALYST
pH CHECK OF VOLATILE SAMPLES PERFORMED AFTER ANALYSIS BY THE BENCH ANALYST.

Base samples are>pH 12: ☐ YES ☐ NO

Acid preserved are<pH 2: ☐ YES ☐ NO

Cyanide samples checked for sulfides: ☐ YES

Sulfide samples appear to be preserved with zinc acetate: ☐ YES ☐ NO

Samples checked for chlorine per specification (N.C.) ☐ YES

Free chlorine present: ☐ YES ☐ NO

If sample preservation is outside acceptable tolerance, Project Manager was notified (_____PM)

Date: _____ Time: _____ ☐ see pH adjustment form

VOLATILE SAMPLES FILLED COMPLETELY, IF NOT, LIST ID AND HEADSPACE OF VOA's CONTAINING BUBBLES EXCEEDING 6MM IN DIAMETER:

Sample ID	mm Headspace

Sample ID	mm Headspace

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CHAIN-OF-CUSTODY ADDENDUM

Lot No: I8K120192

4.0 CONDITION OF BOTTLES/CONTAINERS

VERIFIED BY: [illegible]

Samples received match COC: ☑ YES ☐ NO
See additional discrepancies/comments section: ☑ YES ☐ NO
Chain-of-Custody form properly maintained: ☑ YES ☐ NO
Bottles received intact: ☑ YES ☐ NO
Samples received from USDA restricted area: ☐ YES ☑ NO
VOA trip blanks included: ☐ YES ☐ NO ☑ N/A

5.0 ADDITIONAL DISCREPANCIES

Appears on COC		Appears on Label		
Sample ID	Date/Time	Sample ID	Date/Time	Comments

6.0 SHIPPING DOCUMENTATION:

Air/freight bill is available and attached to COC: ☑ YES ☐ NO Air bill #: _____
Hand-delivered Carrier: _____ Date: _____ Time: _____

7.0 OTHER COMMENTS:

Received 2x1L Amber U.P. not on chain.
Sample ID: KEN-G-MW-19 11/10/08 1445

CORRECTIVE ACTION:

Client's Name: _____ Informed verbally on: _____ By: _____
Client's Name: _____ Informed verbally on: _____ By: _____
Sample(s) processed "as is" comments: _____

Samples(s) on hold until: _____ If released, notify: _____

REVIEW:
Project Management: [illegible] Date: 11/13/08

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE

21640

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007037-005

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TAL-4149 (1007)

Client: DUPONT KINSTON PLANT	Project Manager: HARDER M	Date: 11/05/2008	Page 5 of 5
Address: HIGHWAY 11 NORTH	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: TestAmerica Austin	Analysis
City: KINSTON; State: NC; Zip Code: 28502-0800	Site Contact: HARDER M		
Project Number/Name: KEN/GW SAMP 4008	Carrier/Waybill Number:		
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : LRIO-65978/WH06504064/STL25315		QUOTE: 45870	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8270-IL
KEN-G-MW-14B	11/12/08	1020	WATER	1L	AMBER	2	None	3.3°C 11/13/08 PW	X
KEN-G-MW-15	11/12/08	1215	WATER	1L	AMBER	2	None		X
KEN-G-MW-19	11/10/08	1445	WATER	1L	AMBER	2	None	Missing/REC'D	X
KEN-G-MW-16	11/10/08	1550	WATER	1L	AMBER	2	None		X

11/12/08 CDS
11/13/08

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

KEN-G-MW-19 REC'D 11/12/08 LOGGED SEPERATE CDS 11/13/08

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By	11-6-08	1600	1. Received By: Karen Hogue	11/10/08	700
2. Relinquished By: Karen Hogue	11/12/08	1500	2. Received By	11/13/08	0830
3. Relinquished By			3. Received By		

Comments:

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

37/41

21636

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007037-001

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4149 (1007)

Client	Project Manager	Date	Page 1 of 8
DUPONT KINSTON PLANT	HARDER M	11/05/2008	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin	
City / **State** / **Zip Code**	**Site Contact**		
KINSTON / NC / 28502-0800	HARDER M		
Project Number/Name	**Carrier/Waybill Number**		
KEN/GW SAMP 4Q08			

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL25315 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	Analysis: HS8270 1L
KEN-G-MW-1	11/11/08	855	WATER	1L	AMBER	2	None	3.2 bet 11/12/08 Select Azo	X
KEN-G-MW-1-MS/MSD	11/11/08	855	WATER	1L	AMBER	2	None		X
KEN-G-MW-3	11/11/08	935	WATER	1L	AMBER	2	None		X
KEN-G-MW-4A	11/11/08	1250	WATER	1L	AMBER	2	None		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By	11-5-08	1600	1. Received By	11/10/08	700
2. Relinquished By	11/11/08	1700	2. Received By	11/12/08	0900
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

38/41

21638

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007037-003

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4149 (1007)

Client	Project Manager	Date
DUPONT KINSTON PLANT	HARDER M	11/05/2008
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin
City / **State** / **Zip Code**	**Site Contact**	
KINSTON / NC / 28502-0800	HARDER M	
Project Number/Name	**Carrier/Waybill Number**	
KEN/GW SAMP 4Q08		

Page 3 of 8

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL25315 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	Analysis: MS8270 1L
KEN-G-MW-7B	11/11/08	1115	WATER	1L	AMBER	2	None	3DGA 11/12/08	X
KEN-G-MW-9	11/11/08	1335	WATER	1L	AMBER	2	None	[illegible]	X
KEN-G-MW-10A	11/11/08	1410	WATER	1L	AMBER	2	None		X
KEN-G-MW-10B	11/11/08	1440	WATER	1L	AMBER	2	None		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By	11-5-08	1600	1. Received By	11/10/08	700
2. Relinquished By	11/11/08	1700	2. Received By	11/12/08	0900
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007037-007

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4149 (1007)

Client: DUPONT KINSTON PLANT	Project Manager: HARDER M	Date: 11/05/2008	Page 7 of 8
Address: HIGHWAY 11 NORTH	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: TestAmerica Austin	Analysis
City: KINSTON; State: NC; Zip Code: 28502-0800	Site Contact: HARDER M		
Project Number/Name: KEN/GW SAMP 4Q08	Carrier/Waybill Number:		
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL25315		QUOTE: 45870	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8270TL
KEN-W-SW-9	11/10/08	1240	WATER	1L	AMBER	2	None	2.9 Rec 11/12/08 Joe Cox	X
KEN-W-SW-9-DUP	11/10/08	1240	WATER	1L	AMBER	2	None		X
KEN-W-SW-11	11/10/08	1305	WATER	1L	AMBER	2	None		X
KEN-W-SW-11-MS/MSD	11/10/08	1305	WATER	1L	AMBER	2	None		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By	11-5-08	1600	1. Received By	11/10/08	7:00
2. Relinquished By	11/11/08	1700	2. Received By	11/12/08	0900
3. Relinquished By			3. Received By		

Comments:

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

21643

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
S0007037-008

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4149 (1007)

Client	Project Manager	Date	Page 9 of 9
DUPONT KINSTON PLANT	HARDER M	11/05/2008	
Address	Telephone Number (Area Code)/Fax Number	Lab Location	Analysis
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin	
City / State / Zip Code	Site Contact		
KINSTON / NC / 28502-0800	HARDER M		
Project Number/Name	Carrier/Waybill Number		
KEN/GW SAMP 4008			
Contract/Purchase Order/Quote Number			
CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL25315		QUOTE: 45870	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS827011L
KEN-W-SW-24	11/10/08	1330	WATER	1L	AMBER	2	None	2.0 [illegible] 11/12/08	X
KEN-W-SW-29	11/10/08	1400	WATER	1L	AMBER	2	None	[illegible]	X
KEN-K-EOBLK-SW	11/10/08	1700	WATER	1L	AMBER	1	None		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By	11-6-08	1600	1. Received By	11/10/08	720
2. Relinquished By	11/11/08	1700	2. Received By	11/12/08	0900
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

41/41

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Certificate of Analysis

Austin • 14050 Summit Drive, Suite A100, Austin, TX 78728 • Tel 512 244 0855 • Fax 512 244 0160 • www.testamericainc.com

ANALYTICAL REPORT

PROJECT NO. GW SAMP 4Q08

KEN

Lot #: I8K130343

HARDER M

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG
Building 19, Room 2121
4417 Lancaster Pike
Wilmington, DE 19805

TESTAMERICA LABORATORIES, INC.

Chris J. Schepcoff
Project Manager

November 26, 2008

American Council of Independent Laboratories
International Association of Environmental Testing Laboratories

Case Narrative

LOT NUMBER: **I8K130343**

This report contains the analytical results for the 27 samples received under chain of custody by TestAmerica Laboratories, Inc. on November 13, 2008. These samples are associated with your KEN project.

All samples were received in good condition and within temperature requirements.

All applicable quality control procedures met method-specified acceptance criteria except where noted in the case narrative or flagged on the result pages.

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If you have any questions, please feel free to call me at (512) 310-5335.

Sample IDs: KEN-K-TBLK-GW2 and KEN-K-TBLK-SW (2x40ml extra vials) for 8260B volatiles were received at the laboratory, however the samples were not listed on the chain of custody. The samples were not analyzed.

Sample ID: KEN-K-EQBLK-SW for 8260B volatiles is listed on the chain of custody, however the sample was not received at the laboratory.

Sample ID: KEN-G-MW-19 for 8270C semivolatiles is listed on the chain of custody, however the sample was received a day earlier. The semivolatiles are not contained in this report, they are reported with the samples received the day earlier.

Affected Samples:
Batch #8325101
Affected Methods:
8270C
Details:
There was insufficient sample volume provided to prepare a project-specific MS/MSD or duplicate. A duplicate LCS was prepared to provide accuracy and precision measurements for the samples in this project.

EXECUTIVE SUMMARY - Detection Highlights

I8K130343

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
KEN-G-MW-3 11/11/08 09:35 002				
1,1-Dichloroethene	3.1	1.0	ug/L	SW846 8260B
KEN-G-MW-4A 11/11/08 12:50 003				
1,1-Dichloroethene	1.4	1.0	ug/L	SW846 8260B
KEN-G-MW-6 11/12/08 09:05 005				
1,4-Dioxane	170	40	ug/L	SW846 8270C
KEN-G-MW-7A 11/11/08 10:30 006				
1,4-Dioxane	8.6 J	20	ug/L	SW846 8270C
1,1-Dichloroethene	1.0	1.0	ug/L	SW846 8260B
KEN-G-MW-7A-DUP 11/11/08 10:30 007				
1,4-Dioxane	9.7 J	20	ug/L	SW846 8270C
1,1-Dichloroethene	1.2	1.0	ug/L	SW846 8260B
KEN-G-MW-10A 11/11/08 14:10 010				
1,1-Dichloroethene	0.62 J	1.0	ug/L	SW846 8260B
KEN-G-MW-11A 11/12/08 07:45 012				
1,4-Dioxane	0.65 J	20	ug/L	SW846 8270C
KEN-G-MW-14A 11/12/08 09:50 015				
1,4-Dioxane	1.7 J	20	ug/L	SW846 8270C
KEN-G-MW-15 11/12/08 12:15 017				
1,4-Dioxane	33	20	ug/L	SW846 8270C
1,1-Dichloroethene	0.63 J	1.0	ug/L	SW846 8260B
KEN-W-SW-24 11/10/08 13:30 023				
1,1-Dichloroethene	0.63 J	1.0	ug/L	SW846 8260B

ANALYTICAL METHODS SUMMARY

I8K130343

PARAMETER	ANALYTICAL METHOD
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Volatile Organics by GC/MS	SW846 8260B

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

I8K130343

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
K2WRK	001	KEN-G-MW-1	11/11/08	08:55
K2WRR	002	KEN-G-MW-3	11/11/08	09:35
K2WR0	003	KEN-G-MW-4A	11/11/08	12:50
K2WR1	004	KEN-G-MW-4B	11/11/08	15:10
K2WR6	005	KEN-G-MW-6	11/12/08	09:05
K2WXH	006	KEN-G-MW-7A	11/11/08	10:30
K2WXQ	007	KEN-G-MW-7A-DUP	11/11/08	10:30
K2W0F	008	KEN-G-MW-7B	11/11/08	11:15
K2W0G	009	KEN-G-MW-9	11/11/08	13:35
K2W0J	010	KEN-G-MW-10A	11/11/08	14:10
K2W0K	011	KEN-G-MW-10B	11/11/08	14:40
K2W0M	012	KEN-G-MW-11A	11/12/08	07:45
K2W0N	013	KEN-G-MW-11B	11/12/08	08:20
K2W0R	014	KEN-G-MW-12	11/12/08	12:50
K2W0V	015	KEN-G-MW-14A	11/12/08	09:50
K2W0X	016	KEN-G-MW-14B	11/12/08	10:20
K2W01	017	KEN-G-MW-15	11/12/08	12:15
K2W02	018	KEN-G-MW-19	11/10/08	14:45
K2W04	019	KEN-G-MW-16	11/10/08	15:50
K2W08	020	KEN-W-SW-9	11/10/08	12:40
K2W1A	021	KEN-W-SW-9-DUP	11/10/08	12:40
K2W1C	022	KEN-W-SW-11	11/10/08	13:05
K2W1E	023	KEN-W-SW-24	11/10/08	13:30
K2W1F	024	KEN-W-SW-29	11/10/08	14:00
K2W1L	026	KEN-K-TBLK-SW	11/10/08	07:15
K2W1Q	027	KEN-K-EQBLK-GW1	11/11/08	16:00
K2W1T	028	KEN-K-TBLK-GW1	11/10/08	07:15

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

QC DATA ASSOCIATION SUMMARY

I8K130343

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8260B		8326196	8326113
002	WATER	SW846 8260B		8326196	8326113
003	WATER	SW846 8260B		8326196	8326113
004	WATER	SW846 8260B		8326196	8326113
	WATER	SW846 8270C		8322507	8322412
005	WATER	SW846 8260B		8326196	8326113
	WATER	SW846 8270C		8322507	8322412
006	WATER	SW846 8260B		8326196	8326113
	WATER	SW846 8270C		8322507	8322412
007	WATER	SW846 8260B		8326196	8326113
	WATER	SW846 8270C		8322507	8322412
008	WATER	SW846 8260B		8326196	8326113
009	WATER	SW846 8260B		8326196	8326113
010	WATER	SW846 8260B		8326196	8326113
011	WATER	SW846 8260B		8329593	8329324
012	WATER	SW846 8260B		8329593	8329324
	WATER	SW846 8270C		8322507	8322412
013	WATER	SW846 8260B		8329593	8329324
	WATER	SW846 8270C		8322507	8322412
014	WATER	SW846 8260B		8329593	8329324
	WATER	SW846 8270C		8325101	
015	WATER	SW846 8260B		8329593	8329324
	WATER	SW846 8270C		8325101	
016	WATER	SW846 8260B		8329593	8329324
	WATER	SW846 8270C		8325101	

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

I8K130343

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
017	WATER	SW846 8260B		8329593	8329324
	WATER	SW846 8270C		8322507	8322412
018	WATER	SW846 8260B		8329593	8329324
019	WATER	SW846 8260B		8329593	8329324
	WATER	SW846 8270C		8322507	8322412
020	WATER	SW846 8260B		8329239	8329120
021	WATER	SW846 8260B		8329239	8329120
022	WATER	SW846 8260B		8329239	8329120
023	WATER	SW846 8260B		8329593	8329324
024	WATER	SW846 8260B		8329239	8329120
026	WATER	SW846 8260B		8329239	8329120
027	WATER	SW846 8260B		8329239	8329120
	WATER	SW846 8270C		8322507	8322412
028	WATER	SW846 8260B		8329239	8329120

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-1

GC/MS Volatiles

Lot-Sample #...: I8K130343-001 Work Order #...: K2WRK1AA Matrix.....: WATER
Date Sampled...: 11/11/08 08:55 Date Received..: 11/13/08 MS Run #.....: 8326113
Prep Date.....: 11/19/08 Analysis Date..: 11/19/08
Prep Batch #...: 8326196 Analysis Time..: 15:32
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(69 - 133)
Toluene-d8	111	(87 - 121)
4-Bromofluorobenzene	98	(66 - 124)
Dibromofluoromethane	103	(81 - 127)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-3

GC/MS Volatiles

Lot-Sample #...: I8K130343-002 Work Order #...: K2WRR1AA Matrix.....: WATER
Date Sampled...: 11/11/08 09:35 Date Received..: 11/13/08 MS Run #.....: 8326113
Prep Date.....: 11/19/08 Analysis Date..: 11/19/08
Prep Batch #...: 8326196 Analysis Time..: 15:59
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	3.1	1.0	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	96	(69 - 133)
Toluene-d8	111	(87 - 121)
4-Bromofluorobenzene	101	(66 - 124)
Dibromofluoromethane	102	(81 - 127)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-4A

GC/MS Volatiles

Lot-Sample #...: I8K130343-003 Work Order #...: K2WR01AA Matrix.....: WATER
Date Sampled...: 11/11/08 12:50 Date Received..: 11/13/08 MS Run #.....: 8326113
Prep Date.....: 11/19/08 Analysis Date..: 11/19/08
Prep Batch #...: 8326196 Analysis Time..: 16:25
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	1.4	1.0	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(69 - 133)
Toluene-d8	111	(87 - 121)
4-Bromofluorobenzene	99	(66 - 124)
Dibromofluoromethane	100	(81 - 127)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-4B

GC/MS Volatiles

Lot-Sample #...:	I8K130343-004	**Work Order #...:**	K2WR11AA	**Matrix.....:**	WATER
Date Sampled...:	11/11/08 15:10	**Date Received..:**	11/13/08	**MS Run #.....:**	8326113
Prep Date.....:	11/19/08	**Analysis Date..:**	11/19/08		
Prep Batch #...:	8326196	**Analysis Time..:**	16:52		
Dilution Factor:	1				
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	92	(69 - 133)
Toluene-d8	111	(87 - 121)
4-Bromofluorobenzene	98	(66 - 124)
Dibromofluoromethane	100	(81 - 127)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-4B

GC/MS Semivolatiles

Lot-Sample #...: I8K130343-004 Work Order #...: K2WR11AC Matrix.....: WATER
Date Sampled...: 11/11/08 15:10 Date Received..: 11/13/08 MS Run #.....: 8322412
Prep Date.....: 11/17/08 Analysis Date..: 11/21/08
Prep Batch #...: 8322507 Analysis Time..: 17:48
Dilution Factor: 0.98

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	20	ug/L	0.63

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	84	(52 - 114)
2-Fluorobiphenyl	85	(58 - 116)
Terphenyl-d14	95	(64 - 126)
2-Fluorophenol	64	(44 - 114)
Phenol-d5	46	(45 - 116)
2,4,6-Tribromophenol	72	(51 - 130)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-6

GC/MS Volatiles

Lot-Sample #...: I8K130343-005 Work Order #...: K2WR61AA Matrix.....: WATER
Date Sampled...: 11/12/08 09:05 Date Received..: 11/13/08 MS Run #.....: 8326113
Prep Date.....: 11/19/08 Analysis Date..: 11/19/08
Prep Batch #...: 8326196 Analysis Time..: 17:18
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	94	(69 - 133)
Toluene-d8	111	(87 - 121)
4-Bromofluorobenzene	101	(66 - 124)
Dibromofluoromethane	101	(81 - 127)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-6

GC/MS Semivolatiles

Lot-Sample #...: I8K130343-005 Work Order #...: K2WR61AC Matrix.....: WATER
Date Sampled...: 11/12/08 09:05 Date Received..: 11/13/08 MS Run #.....: 8322412
Prep Date.....: 11/17/08 Analysis Date..: 11/24/08
Prep Batch #...: 8322507 Analysis Time..: 10:06
Dilution Factor: 1.98
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	170	40	ug/L	1.3

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	77 DIL	(52 - 114)
2-Fluorobiphenyl	80 DIL	(58 - 116)
Terphenyl-d14	86 DIL	(64 - 126)
2-Fluorophenol	79 DIL	(44 - 114)
Phenol-d5	76 DIL	(45 - 116)
2,4,6-Tribromophenol	70 DIL	(51 - 130)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-7A

GC/MS Volatiles

Lot-Sample #...: I8K130343-006 Work Order #...: K2WXH1AA Matrix.....: WATER
Date Sampled...: 11/11/08 10:30 Date Received..: 11/13/08 MS Run #.....: 8326113
Prep Date.....: 11/19/08 Analysis Date..: 11/19/08
Prep Batch #...: 8326196 Analysis Time..: 17:45
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	1.0	1.0	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	85	(69 - 133)
Toluene-d8	110	(87 - 121)
4-Bromofluorobenzene	96	(66 - 124)
Dibromofluoromethane	94	(81 - 127)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-7A

GC/MS Semivolatiles

Lot-Sample #...: I8K130343-006 Work Order #...: K2WXH1AC Matrix.....: WATER
Date Sampled...: 11/11/08 10:30 Date Received..: 11/13/08 MS Run #.....: 8322412
Prep Date.....: 11/17/08 Analysis Date..: 11/21/08
Prep Batch #...: 8322507 Analysis Time..: 18:31
Dilution Factor: 1
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	8.6 J	20	ug/L	0.64

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	81	(52 - 114)
2-Fluorobiphenyl	82	(58 - 116)
Terphenyl-d14	86	(64 - 126)
2-Fluorophenol	77	(44 - 114)
Phenol-d5	74	(45 - 116)
2,4,6-Tribromophenol	75	(51 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-7A-DUP

GC/MS Volatiles

Lot-Sample #...: I8K130343-007 Work Order #...: K2WXQ1AA Matrix.....: WATER
Date Sampled...: 11/11/08 10:30 Date Received..: 11/13/08 MS Run #.....: 8326113
Prep Date.....: 11/19/08 Analysis Date..: 11/19/08
Prep Batch #...: 8326196 Analysis Time..: 18:11
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	1.2	1.0	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	91	(69 - 133)
Toluene-d8	109	(87 - 121)
4-Bromofluorobenzene	100	(66 - 124)
Dibromofluoromethane	96	(81 - 127)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-7A-DUP

GC/MS Semivolatiles

Lot-Sample #...:	I8K130343-007	Work Order #...:	K2WXQ1AC	Matrix.....:	WATER
Date Sampled...:	11/11/08 10:30	Date Received..:	11/13/08	MS Run #.....:	8322412
Prep Date.....:	11/17/08	Analysis Date..:	11/21/08		
Prep Batch #...:	8322507	Analysis Time..:	18:53		
Dilution Factor:	1				
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	9.7 J	20	ug/L	0.64

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	80	(52 - 114)
2-Fluorobiphenyl	80	(58 - 116)
Terphenyl-d14	86	(64 - 126)
2-Fluorophenol	82	(44 - 114)
Phenol-d5	76	(45 - 116)
2,4,6-Tribromophenol	78	(51 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-7B

GC/MS Volatiles

Lot-Sample #...:	I8K130343-008	**Work Order #...:**	K2W0F1AA	**Matrix.....:**	WATER
Date Sampled...:	11/11/08 11:15	**Date Received..:**	11/13/08	**MS Run #.....:**	8326113
Prep Date.....:	11/19/08	**Analysis Date..:**	11/19/08		
Prep Batch #...:	8326196	**Analysis Time..:**	18:38		
Dilution Factor:	1				
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	92	(69 - 133)
Toluene-d8	110	(87 - 121)
4-Bromofluorobenzene	98	(66 - 124)
Dibromofluoromethane	98	(81 - 127)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-9

GC/MS Volatiles

Lot-Sample #...:	I8K130343-009	**Work Order #...:**	K2W0G1AA	**Matrix.....:**	WATER
Date Sampled...:	11/11/08 13:35	**Date Received..:**	11/13/08	**MS Run #.....:**	8326113
Prep Date.....:	11/19/08	**Analysis Date..:**	11/19/08		
Prep Batch #...:	8326196	**Analysis Time..:**	19:05		
Dilution Factor:	1				
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	91	(69 - 133)
Toluene-d8	107	(87 - 121)
4-Bromofluorobenzene	99	(66 - 124)
Dibromofluoromethane	97	(81 - 127)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-10A

GC/MS Volatiles

Lot-Sample #...: I8K130343-010 Work Order #...: K2W0J1AA Matrix.....: WATER
Date Sampled...: 11/11/08 14:10 Date Received..: 11/13/08 MS Run #.....: 8326113
Prep Date.....: 11/19/08 Analysis Date..: 11/19/08
Prep Batch #...: 8326196 Analysis Time..: 19:32
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	0.62 J	1.0	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	83	(69 - 133)
Toluene-d8	107	(87 - 121)
4-Bromofluorobenzene	98	(66 - 124)
Dibromofluoromethane	94	(81 - 127)

NOTE(S):

J Estimated result. Result is less than RL.

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-10B

GC/MS Volatiles

Lot-Sample #...: I8K130343-011 Work Order #...: K2W0K1AA Matrix.....: WATER
Date Sampled...: 11/11/08 14:40 Date Received..: 11/13/08 MS Run #.....: 8329324
Prep Date.....: 11/20/08 Analysis Date..: 11/20/08
Prep Batch #...: 8329593 Analysis Time..: 16:20
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	107	(69 - 133)
Toluene-d8	111	(87 - 121)
4-Bromofluorobenzene	104	(66 - 124)
Dibromofluoromethane	107	(81 - 127)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-11A

GC/MS Volatiles

Lot-Sample #...:	I8K130343-012	**Work Order #...:**	K2W0M1AA	**Matrix.....:**	WATER
Date Sampled...:	11/12/08 07:45	**Date Received..:**	11/13/08	**MS Run #.....:**	8329324
Prep Date.....:	11/20/08	**Analysis Date..:**	11/20/08		
Prep Batch #...:	8329593	**Analysis Time..:**	16:46		
Dilution Factor:	1				
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	108	(69 - 133)
Toluene-d8	109	(87 - 121)
4-Bromofluorobenzene	105	(66 - 124)
Dibromofluoromethane	107	(81 - 127)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-11A

GC/MS Semivolatiles

Lot-Sample #...: I8K130343-012
Date Sampled...: 11/12/08 07:45
Prep Date.....: 11/17/08
Prep Batch #...: 8322507
Dilution Factor: 0.99

Work Order #...: K2W0M1AC
Date Received..: 11/13/08
Analysis Date..: 11/21/08
Analysis Time..: 19:15

Matrix.....: WATER
MS Run #.....: 8322412

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	0.65 J	20	ug/L	0.64

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	80	(52 - 114)
2-Fluorobiphenyl	82	(58 - 116)
Terphenyl-d14	87	(64 - 126)
2-Fluorophenol	84	(44 - 114)
Phenol-d5	80	(45 - 116)
2,4,6-Tribromophenol	75	(51 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-11B

GC/MS Volatiles

Lot-Sample #...: I8K130343-013 Work Order #...: K2W0N1AA Matrix.....: WATER
Date Sampled...: 11/12/08 08:20 Date Received..: 11/13/08 MS Run #.....: 8329324
Prep Date.....: 11/20/08 Analysis Date..: 11/20/08
Prep Batch #...: 8329593 Analysis Time..: 17:13
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	105	(69 - 133)
Toluene-d8	110	(87 - 121)
4-Bromofluorobenzene	105	(66 - 124)
Dibromofluoromethane	106	(81 - 127)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-11B

GC/MS Semivolatiles

Lot-Sample #...:	I8K130343-013	Work Order #...:	K2W0N1AC	Matrix.....:	WATER
Date Sampled...:	11/12/08 08:20	Date Received..:	11/13/08	MS Run #.....:	8322412
Prep Date.....:	11/17/08	Analysis Date..:	11/21/08		
Prep Batch #...:	8322507	Analysis Time..:	19:36		
Dilution Factor:	0.97				
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	19	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	88	(52 - 114)
2-Fluorobiphenyl	88	(58 - 116)
Terphenyl-d14	93	(64 - 126)
2-Fluorophenol	94	(44 - 114)
Phenol-d5	86	(45 - 116)
2,4,6-Tribromophenol	82	(51 - 130)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-12

GC/MS Volatiles

Lot-Sample #...:	I8K130343-014	**Work Order #...:**	K2W0R1AA	**Matrix.....:**	WATER
Date Sampled...:	11/12/08 12:50	**Date Received..:**	11/13/08	**MS Run #.....:**	8329324
Prep Date.....:	11/20/08	**Analysis Date..:**	11/20/08		
Prep Batch #...:	8329593	**Analysis Time..:**	17:40		
Dilution Factor:	1				
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	107	(69 - 133)
Toluene-d8	109	(87 - 121)
4-Bromofluorobenzene	102	(66 - 124)
Dibromofluoromethane	107	(81 - 127)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-12

GC/MS Semivolatiles

Lot-Sample #...: I8K130343-014 Work Order #...: K2W0R1AC Matrix.....: WATER
Date Sampled...: 11/12/08 12:50 Date Received..: 11/13/08 MS Run #.....:
Prep Date.....: 11/19/08 Analysis Date..: 11/22/08
Prep Batch #...: 8325101 Analysis Time..: 20:19
Dilution Factor: 0.95

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	19	ug/L	0.61

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	90	(52 - 114)
2-Fluorobiphenyl	86	(58 - 116)
Terphenyl-d14	93	(64 - 126)
2-Fluorophenol	101	(44 - 114)
Phenol-d5	90	(45 - 116)
2,4,6-Tribromophenol	83	(51 - 130)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-14A

GC/MS Volatiles

Lot-Sample #...: I8K130343-015 Work Order #...: K2W0V1AA Matrix.....: WATER
Date Sampled...: 11/12/08 09:50 Date Received..: 11/13/08 MS Run #.....: 8329324
Prep Date.....: 11/20/08 Analysis Date..: 11/20/08
Prep Batch #...: 8329593 Analysis Time..: 18:06
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	110	(69 - 133)
Toluene-d8	110	(87 - 121)
4-Bromofluorobenzene	102	(66 - 124)
Dibromofluoromethane	105	(81 - 127)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-14A

GC/MS Semivolatiles

Lot-Sample #...: I8K130343-015 Work Order #...: K2W0V1AC Matrix.....: WATER
Date Sampled...: 11/12/08 09:50 Date Received..: 11/13/08 MS Run #.....:
Prep Date.....: 11/19/08 Analysis Date..: 11/22/08
Prep Batch #...: 8325101 Analysis Time..: 20:41
Dilution Factor: 0.99
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	1.7 J	20	ug/L	0.64

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	77	(52 - 114)
2-Fluorobiphenyl	72	(58 - 116)
Terphenyl-d14	82	(64 - 126)
2-Fluorophenol	83	(44 - 114)
Phenol-d5	78	(45 - 116)
2,4,6-Tribromophenol	74	(51 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-14B

GC/MS Volatiles

Lot-Sample #...:	I8K130343-016	**Work Order #...:**	K2W0X1AA	**Matrix.....:**	WATER
Date Sampled...:	11/12/08 10:20	**Date Received..:**	11/13/08	**MS Run #.....:**	8329324
Prep Date.....:	11/20/08	**Analysis Date..:**	11/20/08		
Prep Batch #...:	8329593	**Analysis Time..:**	15:53		
Dilution Factor:	1				
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	108	(69 - 133)
Toluene-d8	111	(87 - 121)
4-Bromofluorobenzene	102	(66 - 124)
Dibromofluoromethane	108	(81 - 127)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-14B

GC/MS Semivolatiles

Lot-Sample #...: I8K130343-016 Work Order #...: K2W0X1AC Matrix.....: WATER
Date Sampled...: 11/12/08 10:20 Date Received..: 11/13/08 MS Run #.....:
Prep Date.....: 11/19/08 Analysis Date..: 11/22/08
Prep Batch #...: 8325101 Analysis Time..: 21:03
Dilution Factor: 0.97

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	19	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	90	(52 - 114)
2-Fluorobiphenyl	88	(58 - 116)
Terphenyl-d14	94	(64 - 126)
2-Fluorophenol	95	(44 - 114)
Phenol-d5	86	(45 - 116)
2,4,6-Tribromophenol	87	(51 - 130)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-15

GC/MS Volatiles

Lot-Sample #...: I8K130343-017 Work Order #...: K2W011AA Matrix.....: WATER
Date Sampled...: 11/12/08 12:15 Date Received..: 11/13/08 MS Run #.....: 8329324
Prep Date.....: 11/20/08 Analysis Date..: 11/20/08
Prep Batch #...: 8329593 Analysis Time..: 18:33
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	0.63 J	1.0	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	107	(69 - 133)
Toluene-d8	110	(87 - 121)
4-Bromofluorobenzene	106	(66 - 124)
Dibromofluoromethane	105	(81 - 127)

NOTE(S):

J Estimated result. Result is less than RL.

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-15

GC/MS Semivolatiles

Lot-Sample #...: I8K130343-017 Work Order #...: K2W011AC Matrix.....: WATER
Date Sampled...: 11/12/08 12:15 Date Received..: 11/13/08 MS Run #.....: 8322412
Prep Date.....: 11/17/08 Analysis Date..: 11/21/08
Prep Batch #...: 8322507 Analysis Time..: 19:58
Dilution Factor: 0.98
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	33	20	ug/L	0.63

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	79	(52 - 114)
2-Fluorobiphenyl	78	(58 - 116)
Terphenyl-d14	85	(64 - 126)
2-Fluorophenol	85	(44 - 114)
Phenol-d5	78	(45 - 116)
2,4,6-Tribromophenol	74	(51 - 130)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-19

GC/MS Volatiles

Lot-Sample #...: I8K130343-018 **Work Order #...:** K2W021AA **Matrix.....:** WATER
Date Sampled...: 11/10/08 14:45 **Date Received..:** 11/13/08 **MS Run #.....:** 8329324
Prep Date.....: 11/20/08 **Analysis Date..:** 11/20/08
Prep Batch #...: 8329593 **Analysis Time..:** 18:59
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	108	(69 - 133)
Toluene-d8	110	(87 - 121)
4-Bromofluorobenzene	103	(66 - 124)
Dibromofluoromethane	104	(81 - 127)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-16

GC/MS Volatiles

Lot-Sample #...: I8K130343-019 Work Order #...: K2W041AA Matrix.....: WATER
Date Sampled...: 11/10/08 15:50 Date Received..: 11/13/08 MS Run #.....: 8329324
Prep Date.....: 11/20/08 Analysis Date..: 11/20/08
Prep Batch #...: 8329593 Analysis Time..: 19:26
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	108	(69 - 133)
Toluene-d8	110	(87 - 121)
4-Bromofluorobenzene	102	(66 - 124)
Dibromofluoromethane	106	(81 - 127)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-G-MW-16

GC/MS Semivolatiles

Lot-Sample #...:	I8K130343-019	**Work Order #...:**	K2W041AC	**Matrix.....:**	WATER
Date Sampled...:	11/10/08 15:50	**Date Received..:**	11/13/08	**MS Run #.....:**	8322412
Prep Date.....:	11/17/08	**Analysis Date..:**	11/21/08		
Prep Batch #...:	8322507	**Analysis Time..:**	20:20		
Dilution Factor:	0.96				
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	19	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	81	(52 - 114)
2-Fluorobiphenyl	82	(58 - 116)
Terphenyl-d14	90	(64 - 126)
2-Fluorophenol	86	(44 - 114)
Phenol-d5	80	(45 - 116)
2,4,6-Tribromophenol	83	(51 - 130)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-W-SW-9

GC/MS Volatiles

Lot-Sample #...:	I8K130343-020	**Work Order #...:**	K2W081AA	**Matrix.....:**	WATER
Date Sampled...:	11/10/08 12:40	**Date Received..:**	11/13/08	**MS Run #.....:**	8329120
Prep Date.....:	11/21/08	**Analysis Date..:**	11/21/08		
Prep Batch #...:	8329239	**Analysis Time..:**	19:58		
Dilution Factor:	1				
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(69 - 133)
Toluene-d8	109	(87 - 121)
4-Bromofluorobenzene	110	(66 - 124)
Dibromofluoromethane	100	(81 - 127)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-W-SW-9-DUP

GC/MS Volatiles

Lot-Sample #...:	I8K130343-021	**Work Order #...:**	K2W1A1AA	**Matrix.....:**	WATER
Date Sampled...:	11/10/08 12:40	**Date Received..:**	11/13/08	**MS Run #.....:**	8329120
Prep Date.....:	11/21/08	**Analysis Date..:**	11/21/08		
Prep Batch #...:	8329239	**Analysis Time..:**	20:24		
Dilution Factor:	1				
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(69 - 133)
Toluene-d8	109	(87 - 121)
4-Bromofluorobenzene	112	(66 - 124)
Dibromofluoromethane	99	(81 - 127)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-W-SW-11

GC/MS Volatiles

Lot-Sample #...: I8K130343-022 **Work Order #...:** K2W1C1AA **Matrix.....:** WATER
Date Sampled...: 11/10/08 13:05 **Date Received..:** 11/13/08 **MS Run #.....:** 8329120
Prep Date.....: 11/21/08 **Analysis Date..:** 11/21/08
Prep Batch #...: 8329239 **Analysis Time..:** 14:34
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(69 - 133)
Toluene-d8	108	(87 - 121)
4-Bromofluorobenzene	103	(66 - 124)
Dibromofluoromethane	99	(81 - 127)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-W-SW-24

GC/MS Volatiles

Lot-Sample #...: I8K130343-023 Work Order #...: K2W1E1AA Matrix.....: WATER
Date Sampled....: 11/10/08 13:30 Date Received..: 11/13/08 MS Run #.....: 8329324
Prep Date.....: 11/20/08 Analysis Date..: 11/20/08
Prep Batch #...: 8329593 Analysis Time..: 19:52
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	0.63 J	1.0	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	110	(69 - 133)
Toluene-d8	111	(87 - 121)
4-Bromofluorobenzene	110	(66 - 124)
Dibromofluoromethane	107	(81 - 127)

NOTE(S):

J Estimated result. Result is less than RL.

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-W-SW-29

GC/MS Volatiles

Lot-Sample #...:	I8K130343-024	**Work Order #...:**	K2W1F1AA	**Matrix.....:**	WATER
Date Sampled...:	11/10/08 14:00	**Date Received..:**	11/13/08	**MS Run #.....:**	8329120
Prep Date.....:	11/21/08	**Analysis Date..:**	11/21/08		
Prep Batch #...:	8329239	**Analysis Time..:**	20:51		
Dilution Factor:	1				
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	96	(69 - 133)
Toluene-d8	109	(87 - 121)
4-Bromofluorobenzene	111	(66 - 124)
Dibromofluoromethane	102	(81 - 127)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-K-TBLK-SW

GC/MS Volatiles

Lot-Sample #...: I8K130343-026 **Work Order #...:** K2W1L1AA **Matrix.....:** WATER
Date Sampled...: 11/10/08 07:15 **Date Received..:** 11/13/08 **MS Run #.....:** 8329120
Prep Date.....: 11/21/08 **Analysis Date..:** 11/21/08
Prep Batch #...: 8329239 **Analysis Time..:** 19:04
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	96	(69 - 133)
Toluene-d8	109	(87 - 121)
4-Bromofluorobenzene	100	(66 - 124)
Dibromofluoromethane	97	(81 - 127)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-K-EQBLK-GW1

GC/MS Volatiles

Lot-Sample #...: I8K130343-027 Work Order #...: K2W1Q1AA Matrix.....: WATER
Date Sampled...: 11/11/08 16:00 Date Received..: 11/13/08 MS Run #.....: 8329120
Prep Date.....: 11/21/08 Analysis Date..: 11/21/08
Prep Batch #...: 8329239 Analysis Time..: 18:37
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	94	(69 - 133)
Toluene-d8	108	(87 - 121)
4-Bromofluorobenzene	102	(66 - 124)
Dibromofluoromethane	100	(81 - 127)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-K-EQBLK-GW1

GC/MS Semivolatiles

Lot-Sample #...:	I8K130343-027	**Work Order #...:**	K2W1Q1AC	**Matrix.....:**	WATER
Date Sampled...:	11/11/08 16:00	**Date Received..:**	11/13/08	**MS Run #.....:**	8322412
Prep Date.....:	11/17/08	**Analysis Date..:**	11/21/08		
Prep Batch #...:	8322507	**Analysis Time..:**	20:42		
Dilution Factor:	1.05				
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	21	ug/L	0.68

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	83	(52 - 114)
2-Fluorobiphenyl	85	(58 - 116)
Terphenyl-d14	91	(64 - 126)
2-Fluorophenol	86	(44 - 114)
Phenol-d5	81	(45 - 116)
2,4,6-Tribromophenol	78	(51 - 130)

E.I. du Pont de Nemours and Company

Client Sample ID: KEN-K-TBLK-GW1

GC/MS Volatiles

Lot-Sample #...: I8K130343-028 Work Order #...: K2W1T1AA Matrix.....: WATER
Date Sampled...: 11/10/08 07:15 Date Received..: 11/13/08 MS Run #.....: 8329120
Prep Date.....: 11/21/08 Analysis Date..: 11/21/08
Prep Batch #...: 8329239 Analysis Time..: 19:31
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(69 - 133)
Toluene-d8	108	(87 - 121)
4-Bromofluorobenzene	105	(66 - 124)
Dibromofluoromethane	100	(81 - 127)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: I8K130343
MB Lot-Sample #: I8K210000-196
Analysis Date..: 11/19/08
Dilution Factor: 1

Work Order #...: K3EL71AA
Prep Date.....: 11/19/08
Prep Batch #...: 8326196

Matrix.....: WATER
Analysis Time..: 15:05

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(69 - 133)
Toluene-d8	109	(87 - 121)
4-Bromofluorobenzene	100	(66 - 124)
Dibromofluoromethane	100	(81 - 127)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: I8K130343
MB Lot-Sample #: I8K240000-239
Work Order #...: K3JV11AA
Matrix.....: WATER
Prep Date.....: 11/21/08
Analysis Time..: 13:40
Analysis Date..: 11/21/08
Prep Batch #...: 8329239
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(69 - 133)
Toluene-d8	111	(87 - 121)
4-Bromofluorobenzene	104	(66 - 124)
Dibromofluoromethane	103	(81 - 127)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: I8K130343
MB Lot-Sample #: I8K240000-593
Work Order #...: K3K2F1AA
Matrix.....: WATER
Prep Date.....: 11/20/08
Analysis Time..: 15:26
Analysis Date..: 11/20/08
Prep Batch #...: 8329593
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	106	(69 - 133)
Toluene-d8	113	(87 - 121)
4-Bromofluorobenzene	102	(66 - 124)
Dibromofluoromethane	108	(81 - 127)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: I8K130343
MB Lot-Sample #: I8K170000-507
Work Order #...: K24241AA
Matrix.....: WATER
Prep Date.....: 11/17/08
Analysis Time..: 12:57
Analysis Date..: 11/21/08
Prep Batch #...: 8322507
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,4-Dioxane	ND	20	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	83	(52 - 114)
2-Fluorobiphenyl	84	(58 - 116)
Terphenyl-d14	88	(64 - 126)
2-Fluorophenol	88	(44 - 114)
Phenol-d5	83	(45 - 116)
2,4,6-Tribromophenol	78	(51 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: I8K130343
MB Lot-Sample #: I8K200000-101
Work Order #...: K3APD1AA
Matrix.....: WATER
Prep Date.....: 11/19/08
Analysis Time..: 17:25
Analysis Date..: 11/22/08
Prep Batch #...: 8325101
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,4-Dioxane	ND	20	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	78	(52 - 114)
2-Fluorobiphenyl	73	(58 - 116)
Terphenyl-d14	83	(64 - 126)
2-Fluorophenol	82	(44 - 114)
Phenol-d5	77	(45 - 116)
2,4,6-Tribromophenol	75	(51 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I8K130343 **Work Order #...:** K3EL71AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: I8K210000-196 K3EL71AD-LCSD
Prep Date.....: 11/19/08 **Analysis Date..:** 11/19/08
Prep Batch #...: 8326196 **Analysis Time..:** 11:15
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	119	(62 - 135)			SW846 8260B
	123	(62 - 135)	2.9	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(73 - 126)
	94	(73 - 126)
Toluene-d8	107	(89 - 119)
	107	(89 - 119)
4-Bromofluorobenzene	102	(80 - 116)
	105	(80 - 116)
Dibromofluoromethane	99	(84 - 116)
	99	(84 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: I8K130343 **Work Order #...:** K3EL71AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: I8K210000-196 K3EL71AD-LCSD
Prep Date.....: 11/19/08 **Analysis Date..:** 11/19/08
Prep Batch #...: 8326196 **Analysis Time..:** 11:15
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	20.0	23.8	ug/L	119		SW846 8260B
	20.0	24.6	ug/L	123	2.9	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(73 - 126)
	94	(73 - 126)
Toluene-d8	107	(89 - 119)
	107	(89 - 119)
4-Bromofluorobenzene	102	(80 - 116)
	105	(80 - 116)
Dibromofluoromethane	99	(84 - 116)
	99	(84 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I8K130343 **Work Order #...:** K3JV11AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: I8K240000-239 K3JV11AD-LCSD
Prep Date.....: 11/21/08 **Analysis Date..:** 11/21/08
Prep Batch #...: 8329239 **Analysis Time..:** 12:02
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	115	(62 - 135)			SW846 8260B
	117	(62 - 135)	1.4	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(73 - 126)
	101	(73 - 126)
Toluene-d8	107	(89 - 119)
	108	(89 - 119)
4-Bromofluorobenzene	106	(80 - 116)
	109	(80 - 116)
Dibromofluoromethane	102	(84 - 116)
	102	(84 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: I8K130343 **Work Order #...:** K3JV11AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: I8K240000-239 K3JV11AD-LCSD
Prep Date.....: 11/21/08 **Analysis Date..:** 11/21/08
Prep Batch #...: 8329239 **Analysis Time..:** 12:02
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	20.0	23.1	ug/L	115		SW846 8260B
	20.0	23.4	ug/L	117	1.4	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(73 - 126)
	101	(73 - 126)
Toluene-d8	107	(89 - 119)
	108	(89 - 119)
4-Bromofluorobenzene	106	(80 - 116)
	109	(80 - 116)
Dibromofluoromethane	102	(84 - 116)
	102	(84 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I8K130343 **Work Order #...:** K3K2F1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: I8K240000-593 K3K2F1AD-LCSD
Prep Date.....: 11/20/08 **Analysis Date..:** 11/20/08
Prep Batch #...: 8329593 **Analysis Time..:** 12:02
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	108	(62 - 135)			SW846 8260B
	111	(62 - 135)	2.1	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	110	(73 - 126)
	109	(73 - 126)
Toluene-d8	110	(89 - 119)
	109	(89 - 119)
4-Bromofluorobenzene	105	(80 - 116)
	106	(80 - 116)
Dibromofluoromethane	107	(84 - 116)
	106	(84 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: I8K130343 **Work Order #...:** K3K2F1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: I8K240000-593 K3K2F1AD-LCSD
Prep Date.....: 11/20/08 **Analysis Date..:** 11/20/08
Prep Batch #...: 8329593 **Analysis Time..:** 12:02
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	20.0	21.7	ug/L	108		SW846 8260B
	20.0	22.1	ug/L	111	2.1	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	110	(73 - 126)
	109	(73 - 126)
Toluene-d8	110	(89 - 119)
	109	(89 - 119)
4-Bromofluorobenzene	105	(80 - 116)
	106	(80 - 116)
Dibromofluoromethane	107	(84 - 116)
	106	(84 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I8K130343 Work Order #...: K24241AC Matrix.....: WATER
LCS Lot-Sample#: I8K170000-507
Prep Date.....: 11/17/08 Analysis Date..: 11/21/08
Prep Batch #...: 8322507 Analysis Time..: 13:19
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,4-Dioxane	82	(29 - 116)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	83	(69 - 117)
2-Fluorobiphenyl	84	(63 - 117)
Terphenyl-d14	86	(65 - 106)
2-Fluorophenol	84	(59 - 113)
Phenol-d5	83	(62 - 121)
2,4,6-Tribromophenol	90	(67 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: I8K130343 **Work Order #...:** K24241AC **Matrix.....:** WATER
LCS Lot-Sample#: I8K170000-507
Prep Date.....: 11/17/08 **Analysis Date..:** 11/21/08
Prep Batch #...: 8322507 **Analysis Time..:** 13:19
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,4-Dioxane	50.0	41.0	ug/L	82	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	83	(69 - 117)
2-Fluorobiphenyl	84	(63 - 117)
Terphenyl-d14	86	(65 - 106)
2-Fluorophenol	84	(59 - 113)
Phenol-d5	83	(62 - 121)
2,4,6-Tribromophenol	90	(67 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I8K130343 **Work Order #...:** K24241AD-LCS **Matrix.....:** WATER
LCS Lot-Sample#: I8K170000-507 K24241AE-LCSD
Prep Date.....: 11/17/08 **Analysis Date..:** 11/21/08
Prep Batch #...: 8322507 **Analysis Time..:** 13:41
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,4-Dioxane	92	(29 - 116)			SW846 8270C
	86	(29 - 116)	7.4	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	88	(69 - 117)
	84	(69 - 117)
2-Fluorobiphenyl	87	(63 - 117)
	87	(63 - 117)
Terphenyl-d14	93	(65 - 106)
	90	(65 - 106)
2-Fluorophenol	94	(59 - 113)
	88	(59 - 113)
Phenol-d5	88	(62 - 121)
	85	(62 - 121)
2,4,6-Tribromophenol	92	(67 - 120)
	87	(67 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: I8K130343 Work Order #...: K24241AD-LCS Matrix.....: WATER
LCS Lot-Sample#: I8K170000-507 K24241AE-LCSD
Prep Date.....: 11/17/08 Analysis Date..: 11/21/08
Prep Batch #...: 8322507 Analysis Time..: 13:41
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,4-Dioxane	50.0	46.2	ug/L	92		SW846 8270C
	50.0	42.9	ug/L	86	7.4	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	88	(69 - 117)
	84	(69 - 117)
2-Fluorobiphenyl	87	(63 - 117)
	87	(63 - 117)
Terphenyl-d14	93	(65 - 106)
	90	(65 - 106)
2-Fluorophenol	94	(59 - 113)
	88	(59 - 113)
Phenol-d5	88	(62 - 121)
	85	(62 - 121)
2,4,6-Tribromophenol	92	(67 - 120)
	87	(67 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I8K130343 **Work Order #...:** K3APD1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: I8K200000-101 K3APD1AD-LCSD
Prep Date.....: 11/19/08 **Analysis Date..:** 11/22/08
Prep Batch #...: 8325101 **Analysis Time..:** 17:47
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,4-Dioxane	84	(29 - 116)			SW846 8270C
	86	(29 - 116)	2.3	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	81	(69 - 117)
	84	(69 - 117)
2-Fluorobiphenyl	81	(63 - 117)
	84	(63 - 117)
Terphenyl-d14	84	(65 - 106)
	87	(65 - 106)
2-Fluorophenol	86	(59 - 113)
	89	(59 - 113)
Phenol-d5	83	(62 - 121)
	85	(62 - 121)
2,4,6-Tribromophenol	90	(67 - 120)
	91	(67 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: I8K130343 **Work Order #...:** K3APD1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: I8K200000-101 K3APD1AD-LCSD
Prep Date.....: 11/19/08 **Analysis Date..:** 11/22/08
Prep Batch #...: 8325101 **Analysis Time..:** 17:47
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,4-Dioxane	50.0	41.8	ug/L	84		SW846 8270C
	50.0	42.8	ug/L	86	2.3	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	81	(69 - 117)
	84	(69 - 117)
2-Fluorobiphenyl	81	(63 - 117)
	84	(63 - 117)
Terphenyl-d14	84	(65 - 106)
	87	(65 - 106)
2-Fluorophenol	86	(59 - 113)
	89	(59 - 113)
Phenol-d5	83	(62 - 121)
	85	(62 - 121)
2,4,6-Tribromophenol	90	(67 - 120)
	91	(67 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I8K130343 Work Order #...: K2WRK1AC-MS Matrix.....: WATER
MS Lot-Sample #: I8K130343-001 K2WRK1AD-MSD
Date Sampled...: 11/11/08 08:55 Date Received..: 11/13/08 MS Run #.....: 8326113
Prep Date.....: 11/19/08 Analysis Date..: 11/19/08
Prep Batch #...: 8326196 Analysis Time..: 12:52
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	131	(62 - 135)			SW846 8260B
	130	(62 - 135)	0.20	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	92	(69 - 133)
	91	(69 - 133)
Toluene-d8	107	(87 - 121)
	110	(87 - 121)
4-Bromofluorobenzene	101	(66 - 124)
	105	(66 - 124)
Dibromofluoromethane	98	(81 - 127)
	99	(81 - 127)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: I8K130343 **Work Order #...:** K2WRK1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: I8K130343-001 K2WRK1AD-MSD
Date Sampled...: 11/11/08 08:55 **Date Received..:** 11/13/08 **MS Run #.....:** 8326113
Prep Date.....: 11/19/08 **Analysis Date..:** 11/19/08
Prep Batch #...: 8326196 **Analysis Time..:** 12:52
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	20.0	26.1	ug/L	131		SW846 8260B
	ND	20.0	26.1	ug/L	130	0.20	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	92	(69 - 133)
	91	(69 - 133)
Toluene-d8	107	(87 - 121)
	110	(87 - 121)
4-Bromofluorobenzene	101	(66 - 124)
	105	(66 - 124)
Dibromofluoromethane	98	(81 - 127)
	99	(81 - 127)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I8K130343
MS Lot-Sample #: I8K130343-022
Date Sampled...: 11/10/08 13:05
Prep Date.....: 11/21/08
Prep Batch #...: 8329239
Dilution Factor: 1

Work Order #...: K2W1C1AC-MS
K2W1C1AD-MSD
Date Received..: 11/13/08
Analysis Date..: 11/21/08
Analysis Time..: 16:24

Matrix.....: WATER
MS Run #.....: 8329120

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	126	(62 - 135)			SW846 8260B
	125	(62 - 135)	1.0	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	102	(69 - 133)
	97	(69 - 133)
Toluene-d8	108	(87 - 121)
	108	(87 - 121)
4-Bromofluorobenzene	108	(66 - 124)
	105	(66 - 124)
Dibromofluoromethane	102	(81 - 127)
	100	(81 - 127)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: I8K130343 **Work Order #...:** K2W1C1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: I8K130343-022 K2W1C1AD-MSD
Date Sampled...: 11/10/08 13:05 **Date Received..:** 11/13/08 **MS Run #.....:** 8329120
Prep Date.....: 11/21/08 **Analysis Date..:** 11/21/08
Prep Batch #...: 8329239 **Analysis Time..:** 16:24
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	20.0	25.2	ug/L	126		SW846 8260B
	ND	20.0	25.0	ug/L	125	1.0	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	102	(69 - 133)
	97	(69 - 133)
Toluene-d8	108	(87 - 121)
	108	(87 - 121)
4-Bromofluorobenzene	108	(66 - 124)
	105	(66 - 124)
Dibromofluoromethane	102	(81 - 127)
	100	(81 - 127)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I8K130343
MS Lot-Sample #: I8K130343-016
Date Sampled...: 11/12/08 10:20
Prep Date.....: 11/20/08
Prep Batch #...: 8329593
Dilution Factor: 1

Work Order #...: K2W0X1AD-MS
K2W0X1AE-MSD
Date Received..: 11/13/08
Analysis Date..: 11/20/08
Analysis Time..: 13:39

Matrix.....: WATER
MS Run #.....: 8329324

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	121	(62 - 135)			SW846 8260B
	120	(62 - 135)	0.67	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(69 - 133)
	108	(69 - 133)
Toluene-d8	109	(87 - 121)
	109	(87 - 121)
4-Bromofluorobenzene	102	(66 - 124)
	104	(66 - 124)
Dibromofluoromethane	104	(81 - 127)
	104	(81 - 127)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: I8K130343 **Work Order #...:** K2W0X1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: I8K130343-016 K2W0X1AE-MSD
Date Sampled...: 11/12/08 10:20 **Date Received..:** 11/13/08 **MS Run #.....:** 8329324
Prep Date.....: 11/20/08 **Analysis Date..:** 11/20/08
Prep Batch #...: 8329593 **Analysis Time..:** 13:39
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	20.0	24.2	ug/L	121		SW846 8260B
	ND	20.0	24.1	ug/L	120	0.67	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(69 - 133)
	108	(69 - 133)
Toluene-d8	109	(87 - 121)
	109	(87 - 121)
4-Bromofluorobenzene	102	(66 - 124)
	104	(66 - 124)
Dibromofluoromethane	104	(81 - 127)
	104	(81 - 127)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I8K130343 Work Order #...: K2QPX1AC-MS Matrix.....: WATER
MS Lot-Sample #: I8K120192-001 K2QPX1AD-MSD
Date Sampled...: 11/11/08 08:55 Date Received..: 11/12/08 MS Run #.....: 8322412
Prep Date.....: 11/17/08 Analysis Date..: 11/21/08
Prep Batch #...: 8322507 Analysis Time..: 14:46
Dilution Factor: 0.99

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,4-Dioxane	118 a	(29 - 116)			SW846 8270C
	136 a	(29 - 116)	9.2	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	82	(52 - 114)
	89	(52 - 114)
2-Fluorobiphenyl	82	(58 - 116)
	91	(58 - 116)
Terphenyl-d14	86	(64 - 126)
	92	(64 - 126)
2-Fluorophenol	82	(44 - 114)
	90	(44 - 114)
Phenol-d5	81	(45 - 116)
	89	(45 - 116)
2,4,6-Tribromophenol	86	(51 - 130)
	94	(51 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: I8K130343 Work Order #...: K2QPX1AC-MS Matrix.....: WATER
MS Lot-Sample #: I8K120192-001 K2QPX1AD-MSD
Date Sampled...: 11/11/08 08:55 Date Received..: 11/12/08 MS Run #.....: 8322412
Prep Date.....: 11/17/08 Analysis Date..: 11/21/08
Prep Batch #...: 8322507 Analysis Time..: 14:46
Dilution Factor: 0.99

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,4-Dioxane	34	49.5	91.8	ug/L	118 a		SW846 8270C
	34	49.5	101	ug/L	136 a	9.2	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	82	(52 - 114)
	89	(52 - 114)
2-Fluorobiphenyl	82	(58 - 116)
	91	(58 - 116)
Terphenyl-d14	86	(64 - 126)
	92	(64 - 126)
2-Fluorophenol	82	(44 - 114)
	90	(44 - 114)
Phenol-d5	81	(45 - 116)
	89	(45 - 116)
2,4,6-Tribromophenol	86	(51 - 130)
	94	(51 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

a Spiked analyte recovery is outside stated control limits.

Report Attachment

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of the NELAC standards. All data have been found to be compliant with laboratory protocol except as otherwise noted.

Note that if this report contains tests performed for the following methods, the associated method deviations are applicable.

EPA 410.4, COD: Laboratory uses different analytical wavelength as specified by instrument manufacturer.
EPA 340.2, Fluoride: Preliminary Bellack distillation not performed.
EPA 624: The laboratory uses a different desorb time and purge volume than stated in the method.
Iowa OA1: Benzene, toluene, ethylbenzene and xylenes (BTEX) are not analyzed along with the Gasoline Range Organics if client does not require BTEX.
EPA TO-12: Samples not analyzed in duplicate.
EPA TO-14A and TO-15: Zero humidified nitrogen is used in place of air for method blanks.

TRRP Reporting Requirements

If this package contains reports requiring TRRP (Texas Risk Reduction Program) reporting criteria, the following information applies.

The REPORTING LIMIT is equivalent to the TRRP acronym MQL (method quantitation limit).
The MDL is equivalent to the TRRP acronym SDL (sample detection limit).

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN-OF-CUSTODY ADDENDUM

Lot No: IBK130343

CHECKED/RECEIVED BY: Brad Venghaus

COC NUMBER: _____

DATE/TIME RECEIVED: 11/13/08 8:30

QUOTE/PROFILE: 45870

UNPACKED DATE/TIME: 11/13/08 10:00

CLIENT/PROJECT: Dupont Kinston

SAMPLES LOGGED IN: CC

LOG-IN REVIEWED: CB

Number of Shipping Containers Received with Chain of Custody: 4

VOC AIR / FILTER SAMPLES ☐ YES SEE SECTIONS 1.0, 2.0, & 6.0

1.0 CONTAINERS EXAMINED UPON RECEIPT: BV

Container Sealed: ☑ YES ☐ NO

Custody Seal Signed/Dated: ☑ YES ☐ NO

Custody Seal Present: ☑ YES ☐ NO

If seal not intact list air bill number of that container(s): _____

2.0 VOC CANISTERS EXAMINED UPON RECEIPT: _____

Canister Valves Closed: ☐ YES ☐ NO

Canister Valves Capped: ☐ YES ☐ NO

Valve Cap Tightened Properly: ☐ YES ☐ NO

Packing Material Used: (circle)

None / Absorbent / Paper / Bubble Wrap

Samples Received Match Chain: ☐ YES ☐ NO

Other Equipment Received: ☐ YES ☐ NO

See Additional Comments (Section 5.0 and / or 7.0) ☐ YES ☐ NO

Chain-of-Custody form properly maintained: ☐ YES ☐ NO

Can Size: ☐ 6L ☐ 15L Other _____

3.0 SAMPLE TEMPERATURE UPON RECEIPT BY: BV

IR THERMOMETER #: ☐ P4 ☑ P5

Temperature of the container(s):

Circle selection: TB = Temp. Blank and/or SC = Sample Container CF = Correction Factor [*acceptable tolerance 4°C ± 2°*]

TB ☐ SC ☑ Initial 2.8°C CF 0.0°C	TB ☐ SC ☐ Initial 3.0°C CF 0.0°C	TB ☐ SC ☐ Initial 3.3°C CF 0.0°C	TB ☐ SC ☐ Initial 4.2°C CF 0.0°C	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF
Final 2.8°C	Final 3.0°C	Final 3.3°C	Final 4.2°C	Final	Final	Final	Final

If temperature is outside acceptable tolerance, Project Manager was notified (_____PM). Date: _____ Time: _____

Samples received do not require cooling _____

OK to analyze samples: ☑ YES ☐ NO

PRESERVATION OF SAMPLES REQUIRED: ☐ NA ☐ YES ☑ VOA Samples VERIFIED BY: BV

NOTE: pH CHECK OF SAMPLES FOR 1664A ANALYSIS CHECK AT TIME OF ANALYSIS BY BENCH ANALYST
pH CHECK OF VOLATILE SAMPLES PERFORMED AFTER ANALYSIS BY THE BENCH ANALYST.

Base samples are>pH 12: ☐ YES ☐ NO

Acid preserved are<pH 2: ☐ YES ☐ NO

Cyanide samples checked for sulfides: ☐ YES

Sulfide samples appear to be preserved with zinc acetate: ☐ YES ☐ NO

Samples checked for chlorine per specification (N.C.) ☐ YES

Free chlorine present: ☐ YES ☐ NO

If sample preservation is outside acceptable tolerance, Project Manager was notified (_____PM)

Date: _____ Time: _____ ☐ see pH adjustment form

VOLATILE SAMPLES FILLED COMPLETELY, IF NOT, LIST ID AND HEADSPACE OF VOA's CONTAINING BUBBLES EXCEEDING 6MM IN DIAMETER:

Sample ID	mm Headspace

Sample ID	mm Headspace

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN-OF-CUSTODY ADDENDUM

Lot No: 18K130343

4.0 CONDITION OF BOTTLES/CONTAINERS

VERIFIED BY: M –

Samples received match COC: ☑ YES ☐ NO
Bottles received intact: ☑ YES ☐ NO
See additional discrepancies/comments section: ☑ YES ☐ NO
Samples received from USDA restricted area: ☐ YES ☑ NO
Chain-of-Custody form properly maintained: ☑ YES ☐ NO
VOA trip blanks included: 8 ☑ YES ☐ NO ☐ N/A

5.0 ADDITIONAL DISCREPANCIES

Appears on COC		Appears on Label		
Sample ID	Date/Time	Sample ID	Date/Time	Comments

6.0 SHIPPING DOCUMENTATION:

Air/freight bill is available and attached to COC: ☑ YES ☐ NO Air bill #: _____
Hand-delivered Carrier: _____ Date: _____ Time: _____

7.0 OTHER COMMENTS:

KEN-K-EQBLK-SW NOT REC'D 2x40ml vials.
KEN-G-MW-19 was not received with the other samples.

2 pairs of extra trip blk's were included. KEN-K-TBLK-GW
and KEN-K-TBLK-SW

CORRECTIVE ACTION:

Client's Name: _____ Informed verbally on: _____ By: _____
Client's Name: _____ Informed verbally on: _____ By: _____
Sample(s) processed "as is" comments: MW-19 REC'D 11/12/08 WITHOUT COC
COC TO GO W/ SAMPLE ALREADY LOGGED.
DO NOT COS EXTRA TBLKS. CAS 11/13/08

Samples(s) on hold until: _____ If released, notify: _____

REVIEW:
Project Management: CAS Date: 11/14/08

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE

21624

75/87

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
SQ007036-001

I8K130543

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4149 (1007)

Client	Project Manager	Date
DUPONT KINSTON PLANT	HARDER M	11/05/2008
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin

Page 1 of 11

City	State	Zip Code	Site Contact
KINSTON	NC	28502-0800	HARDER M

Project Number/Name: KEN/GW SAMP 4008

Carrier/Waybill Number:

Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL25315 QUOTE: 45870

Analysis: MS8260LL

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-G-MW-1	11/11/08	855	WATER	40mL	VIAL	4	1:1 HCL	2.8 11/13/08 TU	X
KEN-G-MW-1-MS/MSD	11/11/08	855	WATER	40mL	VIAL	2	1:1 HCL	Bom	X
KEN-G-MW-3	11/11/08	935	WATER	40mL	VIAL	4	1:1 HCL		X
KEN-G-MW-4A	11/11/08	1250	WATER	40mL	VIAL	4	1:1 HCL		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By	11-5-08	1600	1. Received By	11/10/08	700
2. Relinquished By	11/12/08	1700	2. Received By	11/13/08	0830
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

3 76/87

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@007036-002

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

21625

TAL-4149 (1007)

Client	Project Manager	Date	Page 2 of 11
DUPONT KINSTON PLANT	HARDER M	11/05/2008	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin	
City / **State** / **Zip Code**	**Site Contact**		
KINSTON / NC / 28502-0800	HARDER M		
Project Number/Name	**Carrier/Waybill Number**		
KEN/GW SAMP 4008			

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL25315 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-G-MW-4B	11/11/08	1510	WATER	40mL	VIAL	4	1:1 HCL	2.8°C 11/13/08 m	X
KEN-G-MW-6	11/12/08	905	WATER	40mL	VIAL	4	1:1 HCL	bad	X
KEN-G-MW-7A	11/11/08	1030	WATER	40mL	VIAL	4	1:1 HCL		X
KEN-G-MW-7A-DUP	11/11/08	1030	WATER	40mL	VIAL	4	1:1 HCL		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By	11-5-08	1600	1. Received By	11/10/08	700
2. Relinquished By	11/12/08	1500	2. Received By	11/13/08	0830
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

21637

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Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007037-002

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4149 (1007)

Client	Project Manager	Date
DUPONT KINSTON PLANT	HARDER M	11/05/2008
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin
City / State / Zip Code	**Site Contact**	
KINSTON / NC / 28502-0800	HARDER M	
Project Number/Name	**Carrier/Waybill Number**	
KEN/GW SAMP 4008		

Page 2 of 8

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL25315 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	Analysis: HS8270 IL
KEN-G-MW-4B	11/11/08	1510	WATER	1L	AMBER	2	None	3.39 11/13/08 Good	X
KEN-G-MW-6	11/12/08	905	WATER	1L	AMBER	2	None		X
KEN-G-MW-7A	11/11/08	1030	WATER	1L	AMBER	2	None		X
KEN-G-MW-7A-DUP	11/11/08	1030	WATER	1L	AMBER	2	None		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	11-5-08	1600	1. Received By	11/10/08	700
2. Relinquished By	11/12/08	1500	2. Received By	11/13/08	0830
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

21626

[redacted]

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@007036-003

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4149 (1007)

Client	Project Manager	Date	
DUPONT KINSTON PLANT	HARDER M	11/05/2008	Page 3 of 11
Address: HIGHWAY 11 NORTH	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: TestAmerica Austin	Analysis
City: KINSTON; State: NC; Zip Code: 28502-0800	Site Contact: HARDER M		
Project Number/Name: KEN/GW SAMP 4008	Carrier/Waybill Number		
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL25315		QUOTE: 45870	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-G-MW-7B	11/11/08	1115	WATER	40mL	VIAL	4	1:1 HCL	3.5°C 11/13/08	X
KEN-G-MW-9	11/11/08	1335	WATER	40mL	VIAL	4	1:1 HCL	Good	X
KEN-G-MW-10A	11/11/08	1410	WATER	40mL	VIAL	4	1:1 HCL		X
KEN-G-MW-10B	11/11/08	1410	WATER	40mL	VIAL	4	1:1 HCL		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	11-5-08	1600	1. Received By	11/10/08	700
2. Relinquished By	11/12/08	1700	2. Received By	11/13/08	0830
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

79/87

21627

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@007036-004

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4149 (1007)

Client	Project Manager	Date	Page 4 of 11
DUPONT KINSTON PLANT	HARDER M	11/05/2008	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin	
City / **State** / **Zip Code**	**Site Contact**		
KINSTON / NC / 28502-0800	HARDER M		
Project Number/Name	**Carrier/Waybill Number**		
KEN/GW SAMP 4Q08			

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL25315 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-G-MW-11A	11/12/08	745	WATER	40mL	VIAL	4	1:1 HCL	2.8°C 11/13/08 [illegible]	X
KEN-G-MW-11B	11/12/08	820	WATER	40mL	VIAL	4	1:1 HCL	[illegible]	X
KEN-G-MW-12	11/12/08	1250	WATER	40mL	VIAL	4	1:1 HCL		X
KEN-G-MW-14A	11/12/08	950	WATER	40mL	VIAL	4	1:1 HCL		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By	11-5-08	1600	1. Received By	11/10/08	700
2. Relinquished By	11/12/08	1500	2. Received By	11/13/08	0830
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

80/87

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$E007037-004

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

21639

TAL-4149 (1007)

Client	Project Manager	Date	
DUPONT KINSTON PLANT	HARDER M	11/05/2008	Page 4 of 8
Address	Telephone Number (Area Code)/Fax Number	Lab Location	Analysis
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin	
City / State / Zip Code	Site Contact		
KINSTON / NC / 28502-0800	HARDER M		
Project Number/Name	Carrier/Waybill Number		
KEN/GW SAMP 4008			

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL25315 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	HS8270 IL
KEN-G-MW-11A	11/12/08	745	WATER	1L	AMBER	2	None	3.3°C 11/13/08 BC	X
KEN-G-MW-11B	11/12/08	820	WATER	1L	AMBER	2	None	Good	X
KEN-G-MW-12	11/12/08	1250	WATER	1L	AMBER	2	None		X
KEN-G-MW-14A	11/12/08	950	WATER	1L	AMBER	2	None		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☑ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	11-5-2008	1606	1. Received By	11/12/08	700
2. Relinquished By	11/12/08	1500	2. Received By	11/13/08	0830
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

21640

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007037-005

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4149 (1007)

Client	Project Manager	Date
DUPONT KINSTON PLANT	HARDER M	11/05/2008
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin

Page 5 of 8

City	State	Zip Code	Site Contact
KINSTON	NC	28502-0800	HARDER M

Project Number/Name	Carrier/Waybill Number
KEN/GW SAMP 4008	

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL25315 QUOTE: 45870

Analysis: MS8270 | L

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8270	L											
KEN-G-MW-14B	11/12/08	1020	WATER	1L	AMBER	2	None	3.3°C 11/13/08 PW	X												
KEN-G-MW-15	11/12/08	1215	WATER	1L	AMBER	2	None		X												
KEN-G-MW-19	11/10/08	1445	WATER	1L	AMBER	2	None	* Missing/Rec'd	X									11/12/08		CJS 11/13/08	
KEN-G-MW-16	11/10/08	1550	WATER	1L	AMBER	2	None		X												

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

KEN-G-MW-19 REC'D 11/12/08 LOGGED SEPERATE CJS 11/13/08.

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	11-8-08	1600	1. Received By	11/10/08	700
2. Relinquished By	11/12/08	1500	2. Received By	11/13/08	0830
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

21628

82/87 [redacted]

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@007036-005

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4149 (1007)

Client	Project Manager	Date	Page 5 of 11
DUPONT KINSTON PLANT	HARDER M	11/05/2008	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin	
City / State / Zip Code	**Site Contact**		
KINSTON / NC / 28502-0800	HARDER M		
Project Number/Name	**Carrier/Waybill Number**		
KEN/GW SAMP 4008			

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL25315 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-G-MW-14B	11/12/08	1020	WATER	40mL	VIAL	4	1:1 HCL	23°C 11/13/08 MN	X
KEN-G-MW-15	11/12/08	1215	WATER	40mL	VIAL	4	1:1 HCL	Cooler	X
KEN-G-MW-19	11/10/08	1445	WATER	40mL	VIAL	4	1:1 HCL	~~*SAMPLE ROOD~~ CDS 11/13/08	X
KEN-G-MW-16	11/10/08	1550	WATER	40mL	VIAL	4	1:1 HCL		X

11/12/08 CDS 11/13/08
CDS 11/13/08

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA ~~KEN-G-MW-19 LOGGED SEPERATE LOT#.CDS~~ 11/13/08

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By	11-5-08	1600	1. Received By	11/10/08	700
2. Relinquished By	11/12/08	1500	2. Received By	11/13/08	0830
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

3 83/87

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007036-010

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

21633

TAL-4149 (1007)

Client	Project Manager	Date
DUPONT KINSTON PLANT	HARDER M	11/05/2008

Page 10 of 11

Address	Telephone Number (Area Code)/Fax Number	Lab Location
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin

City	State	Zip Code	Site Contact
KINSTON	NC	28502-0800	HARDER M

Project Number/Name	Carrier/Waybill Number
KEN/GW SAMP 4008	

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL25315 QUOTE: 45870

Analysis: MS8260LL

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-W-SW-9	11/10/08	1240	WATER	40mL	VIAL	4	1:1 HCL	2.8°C 11/13/08 MM	X
KEN-W-SW-9-DUP	11/10/08	1240	WATER	40mL	VIAL	4	1:1 HCL	Good	X
KEN-W-SW-11	11/10/08	1305	WATER	40mL	VIAL	4	1:1 HCL		X
KEN-W-SW-11-MS/MSD	11/10/08	1305	WATER	40mL	VIAL	2	1:1 HCL		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	5-11-08	1600	1. Received By	11/10/08	700
2. Relinquished By	11/12/08	1500	2. Received By	11/13/08	0830
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample: CANARY - Returned to Client with Report: PINK - Field Copy

21634

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Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007036-011

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4149 (1007)

Client	Project Manager	Date	Page 11 of 11
DUPONT KINSTON PLANT	HARDER M	11/05/2008	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin	
City / State / Zip Code	**Site Contact**		
KINSTON / NC / 28502-0800	HARDER M		
Project Number/Name	**Carrier/Waybill Number**		
KEN/GW SAMP 4008			

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL25315 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	HS8260LL
KEN-W-SW-24	11/10/08	1330	WATER	40mL	VIAL	4	1:1 HCL	2.8°C 11/13/08 AW	X
KEN-W-SW-29	11/10/08	1400	WATER	40mL	VIAL	4	1:1 HCL	bad	X
KEN-K-EQBLK-SW	11/10/08	1700	WATER	40mL	VIAL	2	1:1 HCL		X
KEN-K-TBLK-SW	11/10/08	715	WATER	40mL	VIAL	2	1:1 HCL		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By	11-5-08	1600	1. Received By	11/10/08	700
2. Relinquished By	11/12/08	1500	2. Received By	11/13/08	0830
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

85/87

21630

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@007036-007

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4149 (1007)

Client	Project Manager	Date
DUPONT KINSTON PLANT	HARDER M	11/05/2008
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin

City	State	Zip Code	Site Contact
KINSTON	NC	28502-0800	HARDER M

Project Number/Name: KEN/GW SAMP 4008

Carrier/Waybill Number:

Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL25315 QUOTE: 45870

Page 7 of 11

Analysis: MS8260LLX

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments
KEN-K-TBLK-GW1	11/10/08	715	WATER	40mL	VIAL	2	1:1 HCL	2.8°C 11/13/08 m Good

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By	11-5-08	1600	1. Received By	7/10/08	700
2. Relinquished By	11/12/08	1500	2. Received By	11/13/08	0830
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

21629

[redacted]

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
S@007036-006

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4149 (1007)

Client	Project Manager	Date	
DUPONT KINSTON PLANT	HARDER M	11/05/2008	Page 6 of 11
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin	
City / State / Zip Code	**Site Contact**		
KINSTON / NC / 28502-0800	HARDER M		
Project Number/Name	**Carrier/Waybill Number**		
KEN/GW SAMP 4008			

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL25315 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-K-EQBLK-GW1	11/11/08	1600	WATER	40mL	VIAL	2	1:1 HCL	2.8°C 11/13/08 MV Good	X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	11-5-08	1600	1. Received By	11/10/08	700
2. Relinquished By	11/12/08	1600	2. Received By	11/13/08	0830
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

87/87

21641

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@007037-006

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4149 (1007)

Client	Project Manager	Date	Page 5 of 8
DUPONT KINSTON PLANT	HARDER M	11/05/2008	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin	
City / State / Zip Code	**Site Contact**		
KINSTON / NC / 28502-0800	HARDER M		
Project Number/Name	**Carrier/Waybill Number**		
KEN/GW SAMP 4008			

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-65978/WH06504064/STL25315 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8270IL
KEN-K-EQBLK-GW1	11/11/08	1000	WATER	1L	AMBER	1	None	3.3°C 11/13/08 MW good	X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	11-5-08	1600	1. Received By	11/10/08	700
2. Relinquished By	11/12/08	1500	2. Received By	11/13/08	0830
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Memorandum

DATE: February 10, 2009

TO: Marc Harder

FROM: Dave Blaushild

RE: Analytical Data for Kentec

Enclosed please find the report for the GW SAMPLING 4Q09 project.

Please call with questions.

Thanks
Dave

GW SAMPLING 4Q09

DuPont Kentec

December 15, 16 and 17, 2009

Prepared for

Marc Harder

Prepared by

URS Corp.
Laboratory Services – Dave Blaushild
501 Holiday Drive
Suite 300
Foster Plaza 4
Pittsburgh, PA 15220

ADQM FINAL DATA REPORT
NARRATIVE

Site **Kentec**

Project **GW SAMPLING – 4Q09**

Sampling Dates **December 15, 16 and 17, 2009**

Laboratories **Test America Inc.**
Austin, Texas

Analytical Protocol

Parameter(s)	Analytical Method
1,-Dichloroethene	SW846 8260B
1,-4-Dioxane	SW846 8270C

Sample Arrival & Receipt
The samples collected for this project arrived at the laboratory intact and within temperature requirement (4±2°C).

Significant QC Findings/Comments
Overall the data are acceptable for use with some qualification. The laboratory detected 1,1-dichloroethene in the duplicate of sample MW-7, but not in the original sample. This often occurs when the concentration of a compound in the groundwater is at or near the detection limit. Data were not qualified based on these findings.

Some of the data are considered estimated values due to results reported between the method detection limit (MDL) and the practical quantitation limit (PQL). The DDR Narrative Report lists the qualified results and the reasons for qualification of the data.

DuPont In-House Review (DDR)

The DDR is an automated internal review process used by the ADQM group to determine if the data is usable. The data is run through this automated program where a series of checks are performed on the data. The data is evaluated against hold time criteria, checked for blank contamination, assessed against matrix spike(MS)/matrix spike duplicate (MSD) recoveries, assessed against relative percent differences (RPDs) between these samples, assessed against laboratory control sample(LCS)/control sample duplicate (LCSD) recoveries, assessed against RPDs between these samples, assessed against RPDs between laboratory replicates, and assessed against surrogate spike recoveries. The DDR applies the following data qualifiers to analysis results, as warranted:

Qualifier	Definition
B	Not detected substantially above the level reported in the laboratory or field blanks.
R	Unusable result. Analyte may or may not be present in the sample.
J	Analyte present. Reported value may not be accurate or precise.
UJ	Not detected. Reporting limit may not be accurate or precise.

TestAmerica, Inc. Qualifiers

The laboratory may have applied one or more of the following data qualifiers to analysis results, as warranted:

U	Not detected.
DIL	The concentration is estimated or not reported due to dilution or to the presence of interfering analytes.
H	Sample was prepared or analyzed after the EPA recommended holding time.
G	The reporting limit is elevated due to matrix interference.
NC	The recovery and or RPD were not calculated.
B	The analyte is present in the associated method blank at a reportable level.
J	Estimated value. The amount reported is below the Minimum Level (ML). ML is the lowest level at which the analytical system must give a reliable signal and an acceptable calibration point.
* (Organic)	Surrogate recovery is outside stated control limits.
* (Inorganic)	Relative percent difference (RPD) is outside stated control limits.
E	The reported result is an estimate. The amount reported is above the calibration range of the instrument.
S	Ion suppression evident
C	Co eluting isomer
X	Values obtained from a reanalysis.
Q	Estimated maximum possible concentration. This qualifier is used when the result is generated from chromatographic data that does not meet all the qualitative criteria for a positive identification given in the method.
L	Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.
N	Spiked analyte recovery is outside stated control limits.
W	Post digestion spike recovery is outside control limits.

These lab qualifiers are applied independent of DuPont In-House Data Review (DDR) qualifiers.

Corporate Environmental Database
DDR Narrative Report

Site: KEN - KENTEC
Project: GW SAMPLING 4Q09
Reporting Limit: MDL
DDR Standards LABSTATS

2/10/2010 17:42:21

The reported result is greater than/equal to the MDL and less than the PQL; it should be considered an estimated value.

Sample ID	Date Sampled	Lab ID	Analyte	Result	Units	MDL	PQL	Qual	Analytical Methods		
									Analysis	Preprep-	Prep-
KEN-G-MW-10B	12/16/2009	ASL0224-11-1 FS	1,4-DIOXANE	4.41	UG/L	0.624	9.71	J	8270C		3520C
KEN-G-MW-11A	12/16/2009	ASL0224-12-1 FS	1,4-DIOXANE	3.50	UG/L	0.612	9.52	J	8270C		3520C
KEN-G-MW-14A	12/17/2009	ASL0224-15-1 FS	1,4-DIOXANE	5.73	UG/L	0.618	9.62	J	8270C		3520C
KEN-G-MW-4A	12/16/2009	ASL0224-03-1 FS	1,1-DICHLOROETHENE	0.793	UG/L	0.427	1.00	J	8260B		5030B
KEN-G-MW-7A-DUP	12/16/2009	ASL0224-07-1 FS	1,1-DICHLOROETHENE	0.443	UG/L	0.427	1.00	J	8260B		5030B
KEN-W-SW-29	12/17/2009	ASL0224-26-1 FS	1,4-DIOXANE	5.80	UG/L	0.618	9.62	J	8270C		3520C

Corporate Environmental Database
Summary of Positive Results
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q09
Reporting Limit: MDL

2/10/2010 17:39:26

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Detection Limit MDL	Detection Limit PQL	Analytical Methods Analysis	Analytical Methods Preprep-	Analytical Methods Prep-
Sampling Point: MW-1		Sampleno:		KEN-G-MW-1					
Date sampled: Dec 15, 2009		Sample type:		Groundwater					
1,4-DIOXANE	24.8			UG/L	0.630	9.80	8270C		3520C
Sampling Point: MW-6		Sampleno:		KEN-G-MW-6					
Date sampled: Dec 16, 2009		Sample type:		Groundwater					
1,4-DIOXANE	350			UG/L	3.15	49.0	8270C		3520C
Sampling Point: SW-9		Sampleno:		KEN-W-SW-9					
Date sampled: Dec 17, 2009		Sample type:		Surface Water					
1,4-DIOXANE	22.0			UG/L	0.612	9.52	8270C		3520C
Sampling Point: SW-9		Sampleno:		KEN-W-SW-9-DUP					
Date sampled: Dec 17, 2009		Sample type:		Surface Water					
1,4-DIOXANE	20.0			UG/L	0.624	9.71	8270C		3520C
Sampling Point: MW-15		Sampleno:		KEN-G-MW-15					
Date sampled: Dec 17, 2009		Sample type:		Groundwater					
1,4-DIOXANE	16.5			UG/L	0.618	9.62	8270C		3520C
Sampling Point: MW-19		Sampleno:		KEN-G-MW-19					
Date sampled: Dec 17, 2009		Sample type:		Groundwater					
1,4-DIOXANE	217			UG/L	3.09	48.1	8270C		3520C
Sampling Point: MW-7A		Sampleno:		KEN-G-MW-7A					
Date sampled: Dec 16, 2009		Sample type:		Groundwater					
1,4-DIOXANE	14.7			UG/L	0.618	9.62	8270C		3520C
Sampling Point: SW-11		Sampleno:		KEN-W-SW-11					
Date sampled: Dec 17, 2009		Sample type:		Surface Water					
1,4-DIOXANE	20.3			UG/L	0.612	9.52	8270C		3520C
Sampling Point: SW-24		Sampleno:		KEN-W-SW-24					
Date sampled: Dec 17, 2009		Sample type:		Surface Water					
1,4-DIOXANE	121			UG/L	0.624	9.71	8270C		3520C
Sampling Point: SW-29		Sampleno:		KEN-W-SW-29					
Date sampled: Dec 17, 2009		Sample type:		Surface Water					
1,4-DIOXANE	5.80	J	J	UG/L	0.618	9.62	8270C		3520C

Corporate Environmental Database
Summary of Positive Results
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q09
Reporting Limit: MDL

2/10/2010 17:39:26

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Detection Limit MDL	Detection Limit PQL	Analytical Methods Analysis	Analytical Methods Preprep-	Analytical Methods Prep-
Sampling Point: MW-10B		Sampleno:		KEN-G-MW-10B					
Date sampled: Dec 16, 2009		Sample type:		Groundwater					
1,4-DIOXANE	4.41	J	J	UG/L	0.624	9.71	8270C		3520C
Sampling Point: MW-11A		Sampleno:		KEN-G-MW-11A					
Date sampled: Dec 16, 2009		Sample type:		Groundwater					
1,4-DIOXANE	3.50	J	J	UG/L	0.612	9.52	8270C		3520C
Sampling Point: MW-14A		Sampleno:		KEN-G-MW-14A					
Date sampled: Dec 17, 2009		Sample type:		Groundwater					
1,4-DIOXANE	5.73	J	J	UG/L	0.618	9.62	8270C		3520C
Sampling Point: MW-3		Sampleno:		KEN-G-MW-3					
Date sampled: Dec 15, 2009		Sample type:		Groundwater					
1,4-DIOXANE	20.3			UG/L	0.612	9.52	8270C		3520C
1,1-DICHLOROETHENE	1.26			UG/L	0.427	1.00	8260B		5030B
Sampling Point: MW-4A		Sampleno:		KEN-G-MW-4A					
Date sampled: Dec 16, 2009		Sample type:		Groundwater					
1,4-DIOXANE	272			UG/L	3.12	48.5	8270C		3520C
1,1-DICHLOROETHENE	0.793	J	J	UG/L	0.427	1.00	8260B		5030B
Sampling Point: MW-7A		Sampleno:		KEN-G-MW-7A-DUP					
Date sampled: Dec 16, 2009		Sample type:		Groundwater					
1,4-DIOXANE	17.0			UG/L	0.618	9.62	8270C		3520C
1,1-DICHLOROETHENE	0.443	J	J	UG/L	0.427	1.00	8260B		5030B
Sampling Point: MW-10A		Sampleno:		KEN-G-MW-10A					
Date sampled: Dec 16, 2009		Sample type:		Groundwater					
1,4-DIOXANE	16.1			UG/L	0.630	9.80	8270C		3520C
1,1-DICHLOROETHENE	2.85			UG/L	0.427	1.00	8260B		5030B

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q09
Reporting Limit: MDL

Location: EQBLK-GW1
Date Sampled: 12/17/2009 15:45:00
Lab Sample ID: ASL0224-20-1 EB
Field Sample ID: KEN-K-EQBLK-GW1
Sample Type: Blank Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	12/26/09	8260B	5030B	
1,4-DIOXANE	< 0.643			UG/L	1	10.0	0.643	12/23/09	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	83 RPR			UG/L	1			12/26/09	8260B	5030B	
4-BROMOFLUOROBENZENE	108 RPR			UG/L	1			12/26/09	8260B	5030B	
DIBROMOFLUOROMETHANE	92 RPR			UG/L	1			12/26/09	8260B	5030B	
TOLUENE-D8	114 RPR			UG/L	1			12/26/09	8260B	5030B	
2,4,6-TRIBROMOPHENOL	72 RPR			UG/L	1			12/23/09	8270C	3520C	
2-FLUOROBIPHENYL	62 RPR			UG/L	1			12/23/09	8270C	3520C	
2-FLUOROPHENOL	77 RPR			UG/L	1			12/23/09	8270C	3520C	
NITROBENZENE-D5	73 RPR			UG/L	1			12/23/09	8270C	3520C	
PHENOL-D5	73 RPR			UG/L	1			12/23/09	8270C	3520C	
TERPHENYL-D14	79 RPR			UG/L	1			12/23/09	8270C	3520C	

Location: EQBLK-SW
Date Sampled: 12/17/2009 12:00:00
Lab Sample ID: ASL0224-27-1 EB
Field Sample ID: KEN-K-EQBLK-SW
Sample Type: Blank Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	12/27/09	8260B	5030B	
1,4-DIOXANE	< 0.618			UG/L	1	9.62	0.618	12/23/09	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	87 RPR			UG/L	1			12/27/09	8260B	5030B	
4-BROMOFLUOROBENZENE	106 RPR			UG/L	1			12/27/09	8260B	5030B	
DIBROMOFLUOROMETHANE	97 RPR			UG/L	1			12/27/09	8260B	5030B	
TOLUENE-D8	115 RPR			UG/L	1			12/27/09	8260B	5030B	
2,4,6-TRIBROMOPHENOL	77 RPR			UG/L	1			12/23/09	8270C	3520C	
2-FLUOROBIPHENYL	72 RPR			UG/L	1			12/23/09	8270C	3520C	
2-FLUOROPHENOL	79 RPR			UG/L	1			12/23/09	8270C	3520C	
NITROBENZENE-D5	77 RPR			UG/L	1			12/23/09	8270C	3520C	
PHENOL-D5	76 RPR			UG/L	1			12/23/09	8270C	3520C	
TERPHENYL-D14	85 RPR			UG/L	1			12/23/09	8270C	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q09
Reporting Limit: MDL

Location: MW-1
Date Sampled: 12/15/2009 15:45:00
Lab Sample ID: ASL0224-01-1 FS

Field Sample ID: KEN-G-MW-1
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	12/23/09	8260B	5030B	
1,4-DIOXANE	24.8			UG/L	1	9.80	0.630	12/24/09	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	107 RPR			UG/L	1			12/23/09	8260B	5030B	
4-BROMOFLUOROBENZENE	111 RPR			UG/L	1			12/23/09	8260B	5030B	
DIBROMOFLUOROMETHANE	102 RPR			UG/L	1			12/23/09	8260B	5030B	
TOLUENE-D8	103 RPR			UG/L	1			12/23/09	8260B	5030B	
2,4,6-TRIBROMOPHENOL	75 RPR			UG/L	1			12/24/09	8270C	3520C	
2-FLUOROBIPHENYL	67 RPR			UG/L	1			12/24/09	8270C	3520C	
2-FLUOROPHENOL	79 RPR			UG/L	1			12/24/09	8270C	3520C	
NITROBENZENE-D5	78 RPR			UG/L	1			12/24/09	8270C	3520C	
PHENOL-D5	78 RPR			UG/L	1			12/24/09	8270C	3520C	
TERPHENYL-D14	81 RPR			UG/L	1			12/24/09	8270C	3520C	

Location: MW-3
Date Sampled: 12/15/2009 16:50:00
Lab Sample ID: ASL0224-02-1 FS

Field Sample ID: KEN-G-MW-3
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	1.26			UG/L	1	1.00	0.427	12/23/09	8260B	5030B	
1,4-DIOXANE	20.3			UG/L	1	9.52	0.612	12/24/09	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	111 RPR			UG/L	1			12/23/09	8260B	5030B	
4-BROMOFLUOROBENZENE	112 RPR			UG/L	1			12/23/09	8260B	5030B	
DIBROMOFLUOROMETHANE	104 RPR			UG/L	1			12/23/09	8260B	5030B	
TOLUENE-D8	105 RPR			UG/L	1			12/23/09	8260B	5030B	
2,4,6-TRIBROMOPHENOL	84 RPR			UG/L	1			12/24/09	8270C	3520C	
2-FLUOROBIPHENYL	71 RPR			UG/L	1			12/24/09	8270C	3520C	
2-FLUOROPHENOL	85 RPR			UG/L	1			12/24/09	8270C	3520C	
NITROBENZENE-D5	82 RPR			UG/L	1			12/24/09	8270C	3520C	
PHENOL-D5	84 RPR			UG/L	1			12/24/09	8270C	3520C	
TERPHENYL-D14	87 RPR			UG/L	1			12/24/09	8270C	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q09
Reporting Limit: MDL

Location: MW-4A
Date Sampled: 12/16/2009 10:00:00
Lab Sample ID: ASL0224-03-1 FS

Field Sample ID: KEN-G-MW-4A
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	0.793	J	J	UG/L	1	1.00	0.427	12/23/09	8260B	5030B	
1,4-DIOXANE	272			UG/L	5	48.5	3.12	12/24/09	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	110 RPR			UG/L	1			12/23/09	8260B	5030B	
4-BROMOFLUOROBENZENE	113 RPR			UG/L	1			12/23/09	8260B	5030B	
DIBROMOFLUOROMETHANE	103 RPR			UG/L	1			12/23/09	8260B	5030B	
TOLUENE-D8	105 RPR			UG/L	1			12/23/09	8260B	5030B	
2,4,6-TRIBROMOPHENOL	64 RPR			UG/L	5			12/24/09	8270C	3520C	
2-FLUOROBIPHENYL	71 RPR			UG/L	5			12/24/09	8270C	3520C	
2-FLUOROPHENOL	81 RPR			UG/L	5			12/24/09	8270C	3520C	
NITROBENZENE-D5	76 RPR			UG/L	5			12/24/09	8270C	3520C	
PHENOL-D5	76 RPR			UG/L	5			12/24/09	8270C	3520C	
TERPHENYL-D14	81 RPR			UG/L	5			12/24/09	8270C	3520C	

Location: MW-4B
Date Sampled: 12/16/2009 17:30:00
Lab Sample ID: ASL0224-04-1 FS

Field Sample ID: KEN-G-MW-4B
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	12/23/09	8260B	5030B	
1,4-DIOXANE	< 0.612			UG/L	1	9.52	0.612	12/24/09	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	110 RPR			UG/L	1			12/23/09	8260B	5030B	
4-BROMOFLUOROBENZENE	112 RPR			UG/L	1			12/23/09	8260B	5030B	
DIBROMOFLUOROMETHANE	106 RPR			UG/L	1			12/23/09	8260B	5030B	
TOLUENE-D8	105 RPR			UG/L	1			12/23/09	8260B	5030B	
2,4,6-TRIBROMOPHENOL	85 RPR			UG/L	1			12/24/09	8270C	3520C	
2-FLUOROBIPHENYL	77 RPR			UG/L	1			12/24/09	8270C	3520C	
2-FLUOROPHENOL	91 RPR			UG/L	1			12/24/09	8270C	3520C	
NITROBENZENE-D5	90 RPR			UG/L	1			12/24/09	8270C	3520C	
PHENOL-D5	88 RPR			UG/L	1			12/24/09	8270C	3520C	
TERPHENYL-D14	94 RPR			UG/L	1			12/24/09	8270C	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q09
Reporting Limit: MDL

Location: MW-6
Date Sampled: 12/16/2009 16:45:00
Lab Sample ID: ASL0224-05-1 FS

Field Sample ID: KEN-G-MW-6
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	12/23/09	8260B	5030B	
1,4-DIOXANE	350			UG/L	5	49.0	3.15	12/28/09	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	110 RPR			UG/L	1			12/23/09	8260B	5030B	
4-BROMOFLUOROBENZENE	110 RPR			UG/L	1			12/23/09	8260B	5030B	
DIBROMOFLUOROMETHANE	104 RPR			UG/L	1			12/23/09	8260B	5030B	
TOLUENE-D8	106 RPR			UG/L	1			12/23/09	8260B	5030B	
2,4,6-TRIBROMOPHENOL	68 RPR			UG/L	5			12/28/09	8270C	3520C	
2-FLUOROBIPHENYL	63 RPR			UG/L	5			12/28/09	8270C	3520C	
2-FLUOROPHENOL	74 RPR			UG/L	5			12/28/09	8270C	3520C	
NITROBENZENE-D5	69 RPR			UG/L	5			12/28/09	8270C	3520C	
PHENOL-D5	72 RPR			UG/L	5			12/28/09	8270C	3520C	
TERPHENYL-D14	76 RPR			UG/L	5			12/28/09	8270C	3520C	

Location: MW-7A
Date Sampled: 12/16/2009 08:10:00
Lab Sample ID: ASL0224-06-1 FS

Field Sample ID: KEN-G-MW-7A
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	12/23/09	8260B	5030B	
1,4-DIOXANE	14.7			UG/L	1	9.62	0.618	12/24/09	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	109 RPR			UG/L	1			12/23/09	8260B	5030B	
4-BROMOFLUOROBENZENE	110 RPR			UG/L	1			12/23/09	8260B	5030B	
DIBROMOFLUOROMETHANE	104 RPR			UG/L	1			12/23/09	8260B	5030B	
TOLUENE-D8	105 RPR			UG/L	1			12/23/09	8260B	5030B	
2,4,6-TRIBROMOPHENOL	65 RPR			UG/L	1			12/24/09	8270C	3520C	
2-FLUOROBIPHENYL	59 RPR			UG/L	1			12/24/09	8270C	3520C	
2-FLUOROPHENOL	68 RPR			UG/L	1			12/24/09	8270C	3520C	
NITROBENZENE-D5	71 RPR			UG/L	1			12/24/09	8270C	3520C	
PHENOL-D5	64 RPR			UG/L	1			12/24/09	8270C	3520C	
TERPHENYL-D14	70 RPR			UG/L	1			12/24/09	8270C	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q09
Reporting Limit: MDL

Location: MW-7A
Date Sampled: 12/16/2009 08:10:00
Lab Sample ID: ASL0224-07-1 FS

Field Sample ID: KEN-G-MW-7A-DUP
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	0.443	J	J	UG/L	1	1.00	0.427	12/23/09	8260B	5030B	
1,4-DIOXANE	17.0			UG/L	1	9.62	0.618	12/24/09	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	111 RPR			UG/L	1			12/23/09	8260B	5030B	
4-BROMOFLUOROBENZENE	111 RPR			UG/L	1			12/23/09	8260B	5030B	
DIBROMOFLUOROMETHANE	104 RPR			UG/L	1			12/23/09	8260B	5030B	
TOLUENE-D8	106 RPR			UG/L	1			12/23/09	8260B	5030B	
2,4,6-TRIBROMOPHENOL	80 RPR			UG/L	1			12/24/09	8270C	3520C	
2-FLUOROBIPHENYL	70 RPR			UG/L	1			12/24/09	8270C	3520C	
2-FLUOROPHENOL	76 RPR			UG/L	1			12/24/09	8270C	3520C	
NITROBENZENE-D5	82 RPR			UG/L	1			12/24/09	8270C	3520C	
PHENOL-D5	73 RPR			UG/L	1			12/24/09	8270C	3520C	
TERPHENYL-D14	88 RPR			UG/L	1			12/24/09	8270C	3520C	

Location: MW-7B
Date Sampled: 12/16/2009 09:00:00
Lab Sample ID: ASL0224-08-1 FS

Field Sample ID: KEN-G-MW-7B
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	12/23/09	8260B	5030B	
1,4-DIOXANE	< 0.612			UG/L	1	9.52	0.612	12/24/09	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	111 RPR			UG/L	1			12/23/09	8260B	5030B	
4-BROMOFLUOROBENZENE	111 RPR			UG/L	1			12/23/09	8260B	5030B	
DIBROMOFLUOROMETHANE	105 RPR			UG/L	1			12/23/09	8260B	5030B	
TOLUENE-D8	106 RPR			UG/L	1			12/23/09	8260B	5030B	
2,4,6-TRIBROMOPHENOL	72 RPR			UG/L	1			12/24/09	8270C	3520C	
2-FLUOROBIPHENYL	69 RPR			UG/L	1			12/24/09	8270C	3520C	
2-FLUOROPHENOL	73 RPR			UG/L	1			12/24/09	8270C	3520C	
NITROBENZENE-D5	75 RPR			UG/L	1			12/24/09	8270C	3520C	
PHENOL-D5	69 RPR			UG/L	1			12/24/09	8270C	3520C	
TERPHENYL-D14	77 RPR			UG/L	1			12/24/09	8270C	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q09
Reporting Limit: MDL

Location: MW-9
Date Sampled: 12/16/2009 11:15:00
Lab Sample ID: ASL0224-09-1 FS
Field Sample ID: KEN-G-MW-9
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	12/23/09	8260B	5030B	
1,4-DIOXANE	< 0.618			UG/L	1	9.62	0.618	12/24/09	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	110 RPR			UG/L	1			12/23/09	8260B	5030B	
4-BROMOFLUOROBENZENE	109 RPR			UG/L	1			12/23/09	8260B	5030B	
DIBROMOFLUOROMETHANE	105 RPR			UG/L	1			12/23/09	8260B	5030B	
TOLUENE-D8	105 RPR			UG/L	1			12/23/09	8260B	5030B	
2,4,6-TRIBROMOPHENOL	80 RPR			UG/L	1			12/24/09	8270C	3520C	
2-FLUOROBIPHENYL	69 RPR			UG/L	1			12/24/09	8270C	3520C	
2-FLUOROPHENOL	81 RPR			UG/L	1			12/24/09	8270C	3520C	
NITROBENZENE-D5	79 RPR			UG/L	1			12/24/09	8270C	3520C	
PHENOL-D5	77 RPR			UG/L	1			12/24/09	8270C	3520C	
TERPHENYL-D14	83 RPR			UG/L	1			12/24/09	8270C	3520C	

Location: MW-10A
Date Sampled: 12/16/2009 14:20:00
Lab Sample ID: ASL0224-10-1 FS
Field Sample ID: KEN-G-MW-10A
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	2.85			UG/L	1	1.00	0.427	12/23/09	8260B	5030B	
1,4-DIOXANE	16.1			UG/L	1	9.80	0.630	12/24/09	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	110 RPR			UG/L	1			12/23/09	8260B	5030B	
4-BROMOFLUOROBENZENE	109 RPR			UG/L	1			12/23/09	8260B	5030B	
DIBROMOFLUOROMETHANE	105 RPR			UG/L	1			12/23/09	8260B	5030B	
TOLUENE-D8	105 RPR			UG/L	1			12/23/09	8260B	5030B	
2,4,6-TRIBROMOPHENOL	77 RPR			UG/L	1			12/24/09	8270C	3520C	
2-FLUOROBIPHENYL	69 RPR			UG/L	1			12/24/09	8270C	3520C	
2-FLUOROPHENOL	73 RPR			UG/L	1			12/24/09	8270C	3520C	
NITROBENZENE-D5	73 RPR			UG/L	1			12/24/09	8270C	3520C	
PHENOL-D5	72 RPR			UG/L	1			12/24/09	8270C	3520C	
TERPHENYL-D14	83 RPR			UG/L	1			12/24/09	8270C	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q09
Reporting Limit: MDL

Location: MW-10B
Date Sampled: 12/16/2009 12:05:00
Lab Sample ID: ASL0224-11-1 FS
Field Sample ID: KEN-G-MW-10B
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	12/23/09	8260B	5030B	
1,4-DIOXANE	4.41	J	J	UG/L	1	9.71	0.624	12/24/09	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	112 RPR			UG/L	1			12/23/09	8260B	5030B	
4-BROMOFLUOROBENZENE	112 RPR			UG/L	1			12/23/09	8260B	5030B	
DIBROMOFLUOROMETHANE	105 RPR			UG/L	1			12/23/09	8260B	5030B	
TOLUENE-D8	107 RPR			UG/L	1			12/23/09	8260B	5030B	
2,4,6-TRIBROMOPHENOL	80 RPR			UG/L	1			12/24/09	8270C	3520C	
2-FLUOROBIPHENYL	68 RPR			UG/L	1			12/24/09	8270C	3520C	
2-FLUOROPHENOL	80 RPR			UG/L	1			12/24/09	8270C	3520C	
NITROBENZENE-D5	79 RPR			UG/L	1			12/24/09	8270C	3520C	
PHENOL-D5	78 RPR			UG/L	1			12/24/09	8270C	3520C	
TERPHENYL-D14	83 RPR			UG/L	1			12/24/09	8270C	3520C	

Location: MW-11A
Date Sampled: 12/16/2009 15:15:00
Lab Sample ID: ASL0224-12-1 FS
Field Sample ID: KEN-G-MW-11A
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	12/23/09	8260B	5030B	
1,4-DIOXANE	3.50	J	J	UG/L	1	9.52	0.612	12/24/09	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	112 RPR			UG/L	1			12/23/09	8260B	5030B	
4-BROMOFLUOROBENZENE	111 RPR			UG/L	1			12/23/09	8260B	5030B	
DIBROMOFLUOROMETHANE	105 RPR			UG/L	1			12/23/09	8260B	5030B	
TOLUENE-D8	108 RPR			UG/L	1			12/23/09	8260B	5030B	
2,4,6-TRIBROMOPHENOL	80 RPR			UG/L	1			12/24/09	8270C	3520C	
2-FLUOROBIPHENYL	70 RPR			UG/L	1			12/24/09	8270C	3520C	
2-FLUOROPHENOL	84 RPR			UG/L	1			12/24/09	8270C	3520C	
NITROBENZENE-D5	83 RPR			UG/L	1			12/24/09	8270C	3520C	
PHENOL-D5	80 RPR			UG/L	1			12/24/09	8270C	3520C	
TERPHENYL-D14	86 RPR			UG/L	1			12/24/09	8270C	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q09
Reporting Limit: MDL

Location: MW-11B
Date Sampled: 12/16/2009 16:00:00
Lab Sample ID: ASL0224-13-1 FS
Field Sample ID: KEN-G-MW-11B
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	12/23/09	8260B	5030B	
1,4-DIOXANE	< 0.612			UG/L	1	9.52	0.612	12/24/09	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	112 RPR			UG/L	1			12/23/09	8260B	5030B	
4-BROMOFLUOROBENZENE	111 RPR			UG/L	1			12/23/09	8260B	5030B	
DIBROMOFLUOROMETHANE	105 RPR			UG/L	1			12/23/09	8260B	5030B	
TOLUENE-D8	107 RPR			UG/L	1			12/23/09	8260B	5030B	
2,4,6-TRIBROMOPHENOL	77 RPR			UG/L	1			12/24/09	8270C	3520C	
2-FLUOROBIPHENYL	64 RPR			UG/L	1			12/24/09	8270C	3520C	
2-FLUOROPHENOL	72 RPR			UG/L	1			12/24/09	8270C	3520C	
NITROBENZENE-D5	73 RPR			UG/L	1			12/24/09	8270C	3520C	
PHENOL-D5	71 RPR			UG/L	1			12/24/09	8270C	3520C	
TERPHENYL-D14	81 RPR			UG/L	1			12/24/09	8270C	3520C	

Location: MW-12
Date Sampled: 12/17/2009 08:15:00
Lab Sample ID: ASL0224-14-1 FS
Field Sample ID: KEN-G-MW-12
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	12/23/09	8260B	5030B	
1,4-DIOXANE	< 0.612			UG/L	1	9.52	0.612	12/23/09	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	111 RPR			UG/L	1			12/23/09	8260B	5030B	
4-BROMOFLUOROBENZENE	109 RPR			UG/L	1			12/23/09	8260B	5030B	
DIBROMOFLUOROMETHANE	104 RPR			UG/L	1			12/23/09	8260B	5030B	
TOLUENE-D8	105 RPR			UG/L	1			12/23/09	8260B	5030B	
2,4,6-TRIBROMOPHENOL	80 RPR			UG/L	1			12/23/09	8270C	3520C	
2-FLUOROBIPHENYL	70 RPR			UG/L	1			12/23/09	8270C	3520C	
2-FLUOROPHENOL	84 RPR			UG/L	1			12/23/09	8270C	3520C	
NITROBENZENE-D5	82 RPR			UG/L	1			12/23/09	8270C	3520C	
PHENOL-D5	80 RPR			UG/L	1			12/23/09	8270C	3520C	
TERPHENYL-D14	83 RPR			UG/L	1			12/23/09	8270C	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q09
Reporting Limit: MDL

Location: MW-14A
Date Sampled: 12/17/2009 09:35:00
Lab Sample ID: ASL0224-15-1 FS
Field Sample ID: KEN-G-MW-14A
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	12/24/09	8260B	5030B	
1,4-DIOXANE	5.73	J	J	UG/L	1	9.62	0.618	12/23/09	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	113 RPR			UG/L	1			12/24/09	8260B	5030B	
4-BROMOFLUOROBENZENE	111 RPR			UG/L	1			12/24/09	8260B	5030B	
DIBROMOFLUOROMETHANE	105 RPR			UG/L	1			12/24/09	8260B	5030B	
TOLUENE-D8	107 RPR			UG/L	1			12/24/09	8260B	5030B	
2,4,6-TRIBROMOPHENOL	83 RPR			UG/L	1			12/23/09	8270C	3520C	
2-FLUOROBIPHENYL	66 RPR			UG/L	1			12/23/09	8270C	3520C	
2-FLUOROPHENOL	86 RPR			UG/L	1			12/23/09	8270C	3520C	
NITROBENZENE-D5	85 RPR			UG/L	1			12/23/09	8270C	3520C	
PHENOL-D5	83 RPR			UG/L	1			12/23/09	8270C	3520C	
TERPHENYL-D14	87 RPR			UG/L	1			12/23/09	8270C	3520C	

Location: MW-14B
Date Sampled: 12/17/2009 10:15:00
Lab Sample ID: ASL0224-16-1 FS
Field Sample ID: KEN-G-MW-14B
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	12/24/09	8260B	5030B	
1,4-DIOXANE	< 0.612			UG/L	1	9.52	0.612	12/23/09	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	110 RPR			UG/L	1			12/24/09	8260B	5030B	
4-BROMOFLUOROBENZENE	108 RPR			UG/L	1			12/24/09	8260B	5030B	
DIBROMOFLUOROMETHANE	103 RPR			UG/L	1			12/24/09	8260B	5030B	
TOLUENE-D8	106 RPR			UG/L	1			12/24/09	8260B	5030B	
2,4,6-TRIBROMOPHENOL	78 RPR			UG/L	1			12/23/09	8270C	3520C	
2-FLUOROBIPHENYL	66 RPR			UG/L	1			12/23/09	8270C	3520C	
2-FLUOROPHENOL	83 RPR			UG/L	1			12/23/09	8270C	3520C	
NITROBENZENE-D5	80 RPR			UG/L	1			12/23/09	8270C	3520C	
PHENOL-D5	79 RPR			UG/L	1			12/23/09	8270C	3520C	
TERPHENYL-D14	84 RPR			UG/L	1			12/23/09	8270C	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q09
Reporting Limit: MDL

Location: MW-15
Date Sampled: 12/17/2009 15:15:00
Lab Sample ID: ASL0224-17-1 FS

Field Sample ID: KEN-G-MW-15
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	12/24/09	8260B	5030B	
1,4-DIOXANE	16.5			UG/L	1	9.62	0.618	12/23/09	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	95 RPR			UG/L	1			12/24/09	8260B	5030B	
4-BROMOFLUOROBENZENE	106 RPR			UG/L	1			12/24/09	8260B	5030B	
DIBROMOFLUOROMETHANE	96 RPR			UG/L	1			12/24/09	8260B	5030B	
TOLUENE-D8	103 RPR			UG/L	1			12/24/09	8260B	5030B	
2,4,6-TRIBROMOPHENOL	74 RPR			UG/L	1			12/23/09	8270C	3520C	
2-FLUOROBIPHENYL	66 RPR			UG/L	1			12/23/09	8270C	3520C	
2-FLUOROPHENOL	83 RPR			UG/L	1			12/23/09	8270C	3520C	
NITROBENZENE-D5	80 RPR			UG/L	1			12/23/09	8270C	3520C	
PHENOL-D5	81 RPR			UG/L	1			12/23/09	8270C	3520C	
TERPHENYL-D14	79 RPR			UG/L	1			12/23/09	8270C	3520C	

Location: MW-19
Date Sampled: 12/17/2009 11:45:00
Lab Sample ID: ASL0224-18-1 FS

Field Sample ID: KEN-G-MW-19
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	12/30/09	8260B	5030B	
1,4-DIOXANE	217			UG/L	5	48.1	3.09	12/24/09	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	86 RPR			UG/L	1			12/30/09	8260B	5030B	
4-BROMOFLUOROBENZENE	111 RPR			UG/L	1			12/30/09	8260B	5030B	
DIBROMOFLUOROMETHANE	94 RPR			UG/L	1			12/30/09	8260B	5030B	
TOLUENE-D8	115 RPR			UG/L	1			12/30/09	8260B	5030B	
2,4,6-TRIBROMOPHENOL	67 RPR			UG/L	5			12/24/09	8270C	3520C	
2-FLUOROBIPHENYL	76 RPR			UG/L	5			12/24/09	8270C	3520C	
2-FLUOROPHENOL	85 RPR			UG/L	5			12/24/09	8270C	3520C	
NITROBENZENE-D5	81 RPR			UG/L	5			12/24/09	8270C	3520C	
PHENOL-D5	81 RPR			UG/L	5			12/24/09	8270C	3520C	
TERPHENYL-D14	87 RPR			UG/L	5			12/24/09	8270C	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q09
Reporting Limit: MDL

Location: MW-16
Date Sampled: 12/17/2009 14:15:00
Lab Sample ID: ASL0224-19-1 FS

Field Sample ID: KEN-G-MW-16
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	12/24/09	8260B	5030B	
1,4-DIOXANE	< 0.612			UG/L	1	9.52	0.612	12/23/09	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	93 RPR			UG/L	1			12/24/09	8260B	5030B	
4-BROMOFLUOROBENZENE	104 RPR			UG/L	1			12/24/09	8260B	5030B	
DIBROMOFLUOROMETHANE	94 RPR			UG/L	1			12/24/09	8260B	5030B	
TOLUENE-D8	101 RPR			UG/L	1			12/24/09	8260B	5030B	
2,4,6-TRIBROMOPHENOL	83 RPR			UG/L	1			12/23/09	8270C	3520C	
2-FLUOROBIPHENYL	70 RPR			UG/L	1			12/23/09	8270C	3520C	
2-FLUOROPHENOL	82 RPR			UG/L	1			12/23/09	8270C	3520C	
NITROBENZENE-D5	78 RPR			UG/L	1			12/23/09	8270C	3520C	
PHENOL-D5	78 RPR			UG/L	1			12/23/09	8270C	3520C	
TERPHENYL-D14	90 RPR			UG/L	1			12/23/09	8270C	3520C	

Location: SW-9
Date Sampled: 12/17/2009 07:30:00
Lab Sample ID: ASL0224-22-1 FS

Field Sample ID: KEN-W-SW-9
Sample Type: Surface Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	12/27/09	8260B	5030B	
1,4-DIOXANE	22.0			UG/L	1	9.52	0.612	12/23/09	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	85 RPR			UG/L	1			12/27/09	8260B	5030B	
4-BROMOFLUOROBENZENE	108 RPR			UG/L	1			12/27/09	8260B	5030B	
DIBROMOFLUOROMETHANE	92 RPR			UG/L	1			12/27/09	8260B	5030B	
TOLUENE-D8	115 RPR			UG/L	1			12/27/09	8260B	5030B	
2,4,6-TRIBROMOPHENOL	81 RPR			UG/L	1			12/23/09	8270C	3520C	
2-FLUOROBIPHENYL	73 RPR			UG/L	1			12/23/09	8270C	3520C	
2-FLUOROPHENOL	81 RPR			UG/L	1			12/23/09	8270C	3520C	
NITROBENZENE-D5	83 RPR			UG/L	1			12/23/09	8270C	3520C	
PHENOL-D5	78 RPR			UG/L	1			12/23/09	8270C	3520C	
TERPHENYL-D14	84 RPR			UG/L	1			12/23/09	8270C	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q09
Reporting Limit: MDL

Location: SW-9
Date Sampled: 12/17/2009 07:30:00
Lab Sample ID: ASL0224-23-1 FS

Field Sample ID: KEN-W-SW-9-DUP
Sample Type: Surface Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	12/27/09	8260B	5030B	
1,4-DIOXANE	20.0			UG/L	1	9.71	0.624	12/23/09	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	85 RPR			UG/L	1			12/27/09	8260B	5030B	
4-BROMOFLUOROBENZENE	105 RPR			UG/L	1			12/27/09	8260B	5030B	
DIBROMOFLUOROMETHANE	94 RPR			UG/L	1			12/27/09	8260B	5030B	
TOLUENE-D8	115 RPR			UG/L	1			12/27/09	8260B	5030B	
2,4,6-TRIBROMOPHENOL	76 RPR			UG/L	1			12/23/09	8270C	3520C	
2-FLUOROBIPHENYL	68 RPR			UG/L	1			12/23/09	8270C	3520C	
2-FLUOROPHENOL	74 RPR			UG/L	1			12/23/09	8270C	3520C	
NITROBENZENE-D5	76 RPR			UG/L	1			12/23/09	8270C	3520C	
PHENOL-D5	72 RPR			UG/L	1			12/23/09	8270C	3520C	
TERPHENYL-D14	80 RPR			UG/L	1			12/23/09	8270C	3520C	

Location: SW-11
Date Sampled: 12/17/2009 09:00:00
Lab Sample ID: ASL0224-24-1 FS

Field Sample ID: KEN-W-SW-11
Sample Type: Surface Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	12/27/09	8260B	5030B	
1,4-DIOXANE	20.3			UG/L	1	9.52	0.612	12/23/09	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	89 RPR			UG/L	1			12/27/09	8260B	5030B	
4-BROMOFLUOROBENZENE	109 RPR			UG/L	1			12/27/09	8260B	5030B	
DIBROMOFLUOROMETHANE	98 RPR			UG/L	1			12/27/09	8260B	5030B	
TOLUENE-D8	115 RPR			UG/L	1			12/27/09	8260B	5030B	
2,4,6-TRIBROMOPHENOL	85 RPR			UG/L	1			12/23/09	8270C	3520C	
2-FLUOROBIPHENYL	76 RPR			UG/L	1			12/23/09	8270C	3520C	
2-FLUOROPHENOL	78 RPR			UG/L	1			12/23/09	8270C	3520C	
NITROBENZENE-D5	83 RPR			UG/L	1			12/23/09	8270C	3520C	
PHENOL-D5	78 RPR			UG/L	1			12/23/09	8270C	3520C	
TERPHENYL-D14	87 RPR			UG/L	1			12/23/09	8270C	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q09
Reporting Limit: MDL

Location: SW-24
Date Sampled: 12/17/2009 10:50:00
Lab Sample ID: ASL0224-25-1 FS

Field Sample ID: KEN-W-SW-24
Sample Type: Surface Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	12/27/09	8260B	5030B	
1,4-DIOXANE	121			UG/L	1	9.71	0.624	12/23/09	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	89 RPR			UG/L	1			12/27/09	8260B	5030B	
4-BROMOFLUOROBENZENE	107 RPR			UG/L	1			12/27/09	8260B	5030B	
DIBROMOFLUOROMETHANE	97 RPR			UG/L	1			12/27/09	8260B	5030B	
TOLUENE-D8	116 RPR			UG/L	1			12/27/09	8260B	5030B	
2,4,6-TRIBROMOPHENOL	81 RPR			UG/L	1			12/23/09	8270C	3520C	
2-FLUOROBIPHENYL	72 RPR			UG/L	1			12/23/09	8270C	3520C	
2-FLUOROPHENOL	81 RPR			UG/L	1			12/23/09	8270C	3520C	
NITROBENZENE-D5	81 RPR			UG/L	1			12/23/09	8270C	3520C	
PHENOL-D5	78 RPR			UG/L	1			12/23/09	8270C	3520C	
TERPHENYL-D14	82 RPR			UG/L	1			12/23/09	8270C	3520C	

Location: SW-29
Date Sampled: 12/17/2009 11:00:00
Lab Sample ID: ASL0224-26-1 FS

Field Sample ID: KEN-W-SW-29
Sample Type: Surface Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	12/27/09	8260B	5030B	
1,4-DIOXANE	5.80	J	J	UG/L	1	9.62	0.618	12/23/09	8270C	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	89 RPR			UG/L	1			12/27/09	8260B	5030B	
4-BROMOFLUOROBENZENE	107 RPR			UG/L	1			12/27/09	8260B	5030B	
DIBROMOFLUOROMETHANE	98 RPR			UG/L	1			12/27/09	8260B	5030B	
TOLUENE-D8	115 RPR			UG/L	1			12/27/09	8260B	5030B	
2,4,6-TRIBROMOPHENOL	81 RPR			UG/L	1			12/23/09	8270C	3520C	
2-FLUOROBIPHENYL	68 RPR			UG/L	1			12/23/09	8270C	3520C	
2-FLUOROPHENOL	81 RPR			UG/L	1			12/23/09	8270C	3520C	
NITROBENZENE-D5	82 RPR			UG/L	1			12/23/09	8270C	3520C	
PHENOL-D5	78 RPR			UG/L	1			12/23/09	8270C	3520C	
TERPHENYL-D14	84 RPR			UG/L	1			12/23/09	8270C	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 4Q09
Reporting Limit: MDL

Location: TBLK-GW1
Date Sampled: 12/15/2009 00:00:00
Lab Sample ID: ASL0224-21-1 TB
Field Sample ID: KEN-K-TBLK-GW1
Sample Type: Blank Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	12/27/09	8260B	5030B	
Surrogates											
1,2-DICHLOROETHANE-D4	84 RPR			UG/L	1			12/27/09	8260B	5030B	
4-BROMOFLUOROBENZENE	108 RPR			UG/L	1			12/27/09	8260B	5030B	
DIBROMOFLUOROMETHANE	92 RPR			UG/L	1			12/27/09	8260B	5030B	
TOLUENE-D8	114 RPR			UG/L	1			12/27/09	8260B	5030B	

Location: TBLK-SW
Date Sampled: 12/15/2009 00:00:00
Lab Sample ID: ASL0224-28-1 TB
Field Sample ID: KEN-K-TBLK-SW
Sample Type: Blank Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	12/23/09	8260B	5030B	
Surrogates											
1,2-DICHLOROETHANE-D4	112 RPR			UG/L	1			12/23/09	8260B	5030B	
4-BROMOFLUOROBENZENE	108 RPR			UG/L	1			12/23/09	8260B	5030B	
DIBROMOFLUOROMETHANE	105 RPR			UG/L	1			12/23/09	8260B	5030B	
TOLUENE-D8	106 RPR			UG/L	1			12/23/09	8260B	5030B	

Analytical Report

Work Order: ASL0224

Project Description

KEN GW SAMPLING 4Q09

For:

David Blaushild

E.I. du Pont de Nemours and Co

ADQM Services - DuPont CRG 4417 Lancaster Pike Building 19, Room 2121

Wilmington, DE 19805

Chris Schepcoff

Project Manager

Chris.Schepcoff@testamericainc.com

Monday, January 18, 2010

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exception to NELAP requirements are noted in this report. Persuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project manager who has signed this report.

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4417 Lancaster Pike
Wilmington, DE 19805

Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

CASE NARRATIVE

This report contains results for the samples received under chain-of-custody by TestAmerica Laboratories, Inc. 12/18/2009 8:50:00 AM .

These samples are associated with your KEN GW SAMPLING 4Q09 project.

All samples were received in good condition and within temperature requirements.

All applicable quality control procedures met method specified acceptance criteria except where flagged on the result pages or noted in the case narrative.

Note that if this report contains tests performed for the following methods, the associated method deviations are applicable.

EPA 410.4, COD: Laboratory uses different analytical wavelength as specified by instrument manufacturer.
EPA 340.2, Fluoride: Preliminary Bellack distillation not performed.
EPA 624: The laboratory uses a different desorb time and purge volume than stated in the method.
Iowa OA1: Benzene, toluene, ethylbenzene and xylenes (BTEX) are not analyzed along with the Gasoline Range Organics if client does not require BTEX.
EPA TO-12: Samples not analyzed in duplicate.
EPA TO-14A and TO-15: Zero humidified nitrogen is used in place of air for method blanks.

If you should have any questions, please feel free to contact me at chris.schepcoff@testamericainc.com or (512) 310-5335.

There are pertinent documents appended to this report, 18 pages, are included and are an integral part of this report.

Reproduction of this analytical report is permitted only in its entirety. This report shall not be reproduced except in full without the written approval of the laboratory.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4417 Lancaster Pike
Wilmington, DE 19805

Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

DATA QUALIFIERS AND DEFINITIONS

J Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.

NR Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4417 Lancaster Pike
Wilmington, DE 19805

Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: ASL0224-01 (KEN-G-MW-1 - Water)					**Sampled: 12/15/09 15:45**			**Recvd: 12/18/09 08:50**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**24.8**		9.80	0.630	ug/L	1.00	12/24/09 10:43	MJM	9L22005	8270C
Sample ID: ASL0224-02 (KEN-G-MW-3 - Water)					**Sampled: 12/15/09 16:50**			**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	**1.26**		1.00	0.427	ug/L	1.00	12/23/09 18:19	KMA	9L24014	8260B
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**20.3**		9.52	0.612	ug/L	1.00	12/24/09 12:35	MJM	9L22005	8270C
Sample ID: ASL0224-03 (KEN-G-MW-4A - Water)					**Sampled: 12/16/09 10:00**			**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	**0.793**	J	1.00	0.427	ug/L	1.00	12/23/09 18:47	KMA	9L24014	8260B
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**272**		48.5	3.12	ug/L	5.00	12/24/09 17:08	MJM	9L22005	8270C
Sample ID: ASL0224-05 (KEN-G-MW-6 - Water)					**Sampled: 12/16/09 16:45**			**Recvd: 12/18/09 08:50**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**350**		49.0	3.15	ug/L	5.00	12/28/09 15:34	MJM	9L22005	8270C
Sample ID: ASL0224-06 (KEN-G-MW-7A - Water)					**Sampled: 12/16/09 08:10**			**Recvd: 12/18/09 08:50**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**14.7**		9.62	0.618	ug/L	1.00	12/24/09 14:08	MJM	9L22005	8270C
Sample ID: ASL0224-07 (KEN-G-MW-7A-DUP - Water)					**Sampled: 12/16/09 08:10**			**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	**0.443**	J	1.00	0.427	ug/L	1.00	12/23/09 20:38	KMA	9L24014	8260B
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**17.0**		9.62	0.618	ug/L	1.00	12/24/09 14:31	MJM	9L22005	8270C
Sample ID: ASL0224-10 (KEN-G-MW-10A - Water)					**Sampled: 12/16/09 14:20**			**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	**2.85**		1.00	0.427	ug/L	1.00	12/23/09 22:01	KMA	9L24014	8260B
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**16.1**		9.80	0.630	ug/L	1.00	12/24/09 15:38	MJM	9L22005	8270C
Sample ID: ASL0224-11 (KEN-G-MW-10B - Water)					**Sampled: 12/16/09 12:05**			**Recvd: 12/18/09 08:50**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**4.41**	J	9.71	0.624	ug/L	1.00	12/24/09 16:01	MJM	9L22005	8270C
Sample ID: ASL0224-12 (KEN-G-MW-11A - Water)					**Sampled: 12/16/09 15:15**			**Recvd: 12/18/09 08:50**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**3.50**	J	9.52	0.612	ug/L	1.00	12/24/09 16:23	MJM	9L22005	8270C

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4417 Lancaster Pike
Wilmington, DE 19805

Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: ASL0224-15 (KEN-G-MW-14A - Water)						**Sampled: 12/17/09 09:35**		**Recvd: 12/18/09 08:50**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**5.73**	J	9.62	0.618	ug/L	1.00	12/23/09 18:42	MJM	9L22006	8270C
Sample ID: ASL0224-17 (KEN-G-MW-15 - Water)						**Sampled: 12/17/09 15:15**		**Recvd: 12/18/09 08:50**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**16.5**		9.62	0.618	ug/L	1.00	12/23/09 19:27	MJM	9L22006	8270C
Sample ID: ASL0224-18 (KEN-G-MW-19 - Water)						**Sampled: 12/17/09 11:45**		**Recvd: 12/18/09 08:50**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**217**		48.1	3.09	ug/L	5.00	12/24/09 10:18	MJM	9L22006	8270C
Sample ID: ASL0224-22 (KEN-W-SW-9 - Water)						**Sampled: 12/17/09 07:30**		**Recvd: 12/18/09 08:50**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**22.0**		9.52	0.612	ug/L	1.00	12/23/09 20:56	MJM	9L22006	8270C
Sample ID: ASL0224-23 (KEN-W-SW-9-DUP - Water)						**Sampled: 12/17/09 07:30**		**Recvd: 12/18/09 08:50**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**20.0**		9.71	0.624	ug/L	1.00	12/23/09 21:19	MJM	9L22006	8270C
Sample ID: ASL0224-24 (KEN-W-SW-11 - Water)						**Sampled: 12/17/09 09:00**		**Recvd: 12/18/09 08:50**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**20.3**		9.52	0.612	ug/L	1.00	12/23/09 17:12	MJM	9L22006	8270C
Sample ID: ASL0224-25 (KEN-W-SW-24 - Water)						**Sampled: 12/17/09 10:50**		**Recvd: 12/18/09 08:50**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**121**		9.71	0.624	ug/L	1.00	12/23/09 21:41	MJM	9L22006	8270C
Sample ID: ASL0224-26 (KEN-W-SW-29 - Water)						**Sampled: 12/17/09 11:00**		**Recvd: 12/18/09 08:50**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**5.80**	J	9.62	0.618	ug/L	1.00	12/23/09 22:04	MJM	9L22006	8270C

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4417 Lancaster Pike
Wilmington, DE 19805

Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
KEN-G-MW-1	ASL0224-01	Water	12/15/09 15:45	12/18/09 08:50	
KEN-G-MW-3	ASL0224-02	Water	12/15/09 16:50	12/18/09 08:50	
KEN-G-MW-4A	ASL0224-03	Water	12/16/09 10:00	12/18/09 08:50	
KEN-G-MW-4B	ASL0224-04	Water	12/16/09 17:30	12/18/09 08:50	
KEN-G-MW-6	ASL0224-05	Water	12/16/09 16:45	12/18/09 08:50	
KEN-G-MW-7A	ASL0224-06	Water	12/16/09 08:10	12/18/09 08:50	
KEN-G-MW-7A-DUP	ASL0224-07	Water	12/16/09 08:10	12/18/09 08:50	
KEN-G-MW-7B	ASL0224-08	Water	12/16/09 09:00	12/18/09 08:50	
KEN-G-MW-9	ASL0224-09	Water	12/16/09 11:15	12/18/09 08:50	
KEN-G-MW-10A	ASL0224-10	Water	12/16/09 14:20	12/18/09 08:50	
KEN-G-MW-10B	ASL0224-11	Water	12/16/09 12:05	12/18/09 08:50	
KEN-G-MW-11A	ASL0224-12	Water	12/16/09 15:15	12/18/09 08:50	
KEN-G-MW-11B	ASL0224-13	Water	12/16/09 16:00	12/18/09 08:50	
KEN-G-MW-12	ASL0224-14	Water	12/17/09 08:15	12/18/09 08:50	
KEN-G-MW-14A	ASL0224-15	Water	12/17/09 09:35	12/18/09 08:50	
KEN-G-MW-14B	ASL0224-16	Water	12/17/09 10:15	12/18/09 08:50	
KEN-G-MW-15	ASL0224-17	Water	12/17/09 15:15	12/18/09 08:50	
KEN-G-MW-19	ASL0224-18	Water	12/17/09 11:45	12/18/09 08:50	
KEN-G-MW-16	ASL0224-19	Water	12/17/09 14:15	12/18/09 08:50	
KEN-K-EQBLK-GW1	ASL0224-20	Water	12/17/09 15:45	12/18/09 08:50	
KEN-K-TBLK-GW1	ASL0224-21	Water	12/15/09	12/18/09 08:50	
KEN-W-SW-9	ASL0224-22	Water	12/17/09 07:30	12/18/09 08:50	
KEN-W-SW-9-DUP	ASL0224-23	Water	12/17/09 07:30	12/18/09 08:50	
KEN-W-SW-11	ASL0224-24	Water	12/17/09 09:00	12/18/09 08:50	
KEN-W-SW-24	ASL0224-25	Water	12/17/09 10:50	12/18/09 08:50	
KEN-W-SW-29	ASL0224-26	Water	12/17/09 11:00	12/18/09 08:50	

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THE LEADER IN ENVIRONMENTAL TESTING

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4417 Lancaster Pike
Wilmington, DE 19805

Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
KEN-K-EQBLK-SW	ASL0224-27	Water	12/17/09 12:00	12/18/09 08:50	
KEN-K-TBLK-SW	ASL0224-28	Water	12/15/09	12/18/09 08:50	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4417 Lancaster Pike
Wilmington, DE 19805

Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: ASL0224-01 (KEN-G-MW-1 - Water)						**Sampled: 12/15/09 15:45**		**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	12/23/09 17:51	KMA	9L24014	8260B
1,2-Dichloroethane-d4	*107 %*		*Surr Limits:*	*(69-133%)*			*12/23/09 17:51*	*KMA*	*9L24014*	*8260B*
4-Bromofluorobenzene	*111 %*		*Surr Limits:*	*(66-124%)*			*12/23/09 17:51*	*KMA*	*9L24014*	*8260B*
Dibromofluoromethane	*102 %*		*Surr Limits:*	*(81-127%)*			*12/23/09 17:51*	*KMA*	*9L24014*	*8260B*
Toluene-d8	*103 %*		*Surr Limits:*	*(87-121%)*			*12/23/09 17:51*	*KMA*	*9L24014*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**24.8**		9.80	0.630	ug/L	1.00	12/24/09 10:43	MJM	9L22005	8270C
2,4,6-Tribromophenol	*75 %*		*Surr Limits:*	*(51-130%)*			*12/24/09 10:43*	*MJM*	*9L22005*	*8270C*
2-Fluorobiphenyl	*67 %*		*Surr Limits:*	*(58-116%)*			*12/24/09 10:43*	*MJM*	*9L22005*	*8270C*
2-Fluorophenol	*79 %*		*Surr Limits:*	*(44-114%)*			*12/24/09 10:43*	*MJM*	*9L22005*	*8270C*
Nitrobenzene-d5	*78 %*		*Surr Limits:*	*(52-114%)*			*12/24/09 10:43*	*MJM*	*9L22005*	*8270C*
Phenol-d5	*78 %*		*Surr Limits:*	*(45-116%)*			*12/24/09 10:43*	*MJM*	*9L22005*	*8270C*
Terphenyl-d14	*81 %*		*Surr Limits:*	*(64-126%)*			*12/24/09 10:43*	*MJM*	*9L22005*	*8270C*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4417 Lancaster Pike
Wilmington, DE 19805

Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: ASL0224-02 (KEN-G-MW-3 - Water)						**Sampled: 12/15/09 16:50**		**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	**1.26**		1.00	0.427	ug/L	1.00	12/23/09 18:19	KMA	9L24014	8260B
1,2-Dichloroethane-d4	*111 %*		*Surr Limits:*	*(69-133%)*			*12/23/09 18:19*	*KMA*	*9L24014*	*8260B*
4-Bromofluorobenzene	*112 %*		*Surr Limits:*	*(66-124%)*			*12/23/09 18:19*	*KMA*	*9L24014*	*8260B*
Dibromofluoromethane	*104 %*		*Surr Limits:*	*(81-127%)*			*12/23/09 18:19*	*KMA*	*9L24014*	*8260B*
Toluene-d8	*105 %*		*Surr Limits:*	*(87-121%)*			*12/23/09 18:19*	*KMA*	*9L24014*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**20.3**		9.52	0.612	ug/L	1.00	12/24/09 12:35	MJM	9L22005	8270C
2,4,6-Tribromophenol	*84 %*		*Surr Limits:*	*(51-130%)*			*12/24/09 12:35*	*MJM*	*9L22005*	*8270C*
2-Fluorobiphenyl	*71 %*		*Surr Limits:*	*(58-116%)*			*12/24/09 12:35*	*MJM*	*9L22005*	*8270C*
2-Fluorophenol	*85 %*		*Surr Limits:*	*(44-114%)*			*12/24/09 12:35*	*MJM*	*9L22005*	*8270C*
Nitrobenzene-d5	*82 %*		*Surr Limits:*	*(52-114%)*			*12/24/09 12:35*	*MJM*	*9L22005*	*8270C*
Phenol-d5	*84 %*		*Surr Limits:*	*(45-116%)*			*12/24/09 12:35*	*MJM*	*9L22005*	*8270C*
Terphenyl-d14	*87 %*		*Surr Limits:*	*(64-126%)*			*12/24/09 12:35*	*MJM*	*9L22005*	*8270C*

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THE LEADER IN ENVIRONMENTAL TESTING

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4417 Lancaster Pike
Wilmington, DE 19805

Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: ASL0224-03 (KEN-G-MW-4A - Water)						**Sampled: 12/16/09 10:00**		**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	**0.793**	J	1.00	0.427	ug/L	1.00	12/23/09 18:47	KMA	9L24014	8260B
1,2-Dichloroethane-d4	*110 %*		*Surr Limits:*	*(69-133%)*			*12/23/09 18:47*	*KMA*	*9L24014*	*8260B*
4-Bromofluorobenzene	*113 %*		*Surr Limits:*	*(66-124%)*			*12/23/09 18:47*	*KMA*	*9L24014*	*8260B*
Dibromofluoromethane	*103 %*		*Surr Limits:*	*(81-127%)*			*12/23/09 18:47*	*KMA*	*9L24014*	*8260B*
Toluene-d8	*105 %*		*Surr Limits:*	*(87-121%)*			*12/23/09 18:47*	*KMA*	*9L24014*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**272**		48.5	3.12	ug/L	5.00	12/24/09 17:08	MJM	9L22005	8270C
2,4,6-Tribromophenol	*64 %*		*Surr Limits:*	*(51-130%)*			*12/24/09 17:08*	*MJM*	*9L22005*	*8270C*
2-Fluorobiphenyl	*71 %*		*Surr Limits:*	*(58-116%)*			*12/24/09 17:08*	*MJM*	*9L22005*	*8270C*
2-Fluorophenol	*81 %*		*Surr Limits:*	*(44-114%)*			*12/24/09 17:08*	*MJM*	*9L22005*	*8270C*
Nitrobenzene-d5	*76 %*		*Surr Limits:*	*(52-114%)*			*12/24/09 17:08*	*MJM*	*9L22005*	*8270C*
Phenol-d5	*76 %*		*Surr Limits:*	*(45-116%)*			*12/24/09 17:08*	*MJM*	*9L22005*	*8270C*
Terphenyl-d14	*81 %*		*Surr Limits:*	*(64-126%)*			*12/24/09 17:08*	*MJM*	*9L22005*	*8270C*

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Wilmington, DE 19805

Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: ASL0224-04 (KEN-G-MW-4B - Water)						**Sampled: 12/16/09 17:30**		**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	12/23/09 19:15	KMA	9L24014	8260B
1,2-Dichloroethane-d4	*110 %*		*Surr Limits:*	*(69-133%)*			*12/23/09 19:15*	*KMA*	*9L24014*	*8260B*
4-Bromofluorobenzene	*112 %*		*Surr Limits:*	*(66-124%)*			*12/23/09 19:15*	*KMA*	*9L24014*	*8260B*
Dibromofluoromethane	*106 %*		*Surr Limits:*	*(81-127%)*			*12/23/09 19:15*	*KMA*	*9L24014*	*8260B*
Toluene-d8	*105 %*		*Surr Limits:*	*(87-121%)*			*12/23/09 19:15*	*KMA*	*9L24014*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	ND		9.52	0.612	ug/L	1.00	12/24/09 13:20	MJM	9L22005	8270C
2,4,6-Tribromophenol	*85 %*		*Surr Limits:*	*(51-130%)*			*12/24/09 13:20*	*MJM*	*9L22005*	*8270C*
2-Fluorobiphenyl	*77 %*		*Surr Limits:*	*(58-116%)*			*12/24/09 13:20*	*MJM*	*9L22005*	*8270C*
2-Fluorophenol	*91 %*		*Surr Limits:*	*(44-114%)*			*12/24/09 13:20*	*MJM*	*9L22005*	*8270C*
Nitrobenzene-d5	*90 %*		*Surr Limits:*	*(52-114%)*			*12/24/09 13:20*	*MJM*	*9L22005*	*8270C*
Phenol-d5	*88 %*		*Surr Limits:*	*(45-116%)*			*12/24/09 13:20*	*MJM*	*9L22005*	*8270C*
Terphenyl-d14	*94 %*		*Surr Limits:*	*(64-126%)*			*12/24/09 13:20*	*MJM*	*9L22005*	*8270C*

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Wilmington, DE 19805

Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: ASL0224-05 (KEN-G-MW-6 - Water)						**Sampled: 12/16/09 16:45**		**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	12/23/09 19:43	KMA	9L24014	8260B
1,2-Dichloroethane-d4	*110 %*		*Surr Limits:*	*(69-133%)*			*12/23/09 19:43*	*KMA*	*9L24014*	*8260B*
4-Bromofluorobenzene	*110 %*		*Surr Limits:*	*(66-124%)*			*12/23/09 19:43*	*KMA*	*9L24014*	*8260B*
Dibromofluoromethane	*104 %*		*Surr Limits:*	*(81-127%)*			*12/23/09 19:43*	*KMA*	*9L24014*	*8260B*
Toluene-d8	*106 %*		*Surr Limits:*	*(87-121%)*			*12/23/09 19:43*	*KMA*	*9L24014*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**350**		49.0	3.15	ug/L	5.00	12/28/09 15:34	MJM	9L22005	8270C
2,4,6-Tribromophenol	*68 %*		*Surr Limits:*	*(51-130%)*			*12/28/09 15:34*	*MJM*	*9L22005*	*8270C*
2-Fluorobiphenyl	*63 %*		*Surr Limits:*	*(58-116%)*			*12/28/09 15:34*	*MJM*	*9L22005*	*8270C*
2-Fluorophenol	*74 %*		*Surr Limits:*	*(44-114%)*			*12/28/09 15:34*	*MJM*	*9L22005*	*8270C*
Nitrobenzene-d5	*69 %*		*Surr Limits:*	*(52-114%)*			*12/28/09 15:34*	*MJM*	*9L22005*	*8270C*
Phenol-d5	*72 %*		*Surr Limits:*	*(45-116%)*			*12/28/09 15:34*	*MJM*	*9L22005*	*8270C*
Terphenyl-d14	*76 %*		*Surr Limits:*	*(64-126%)*			*12/28/09 15:34*	*MJM*	*9L22005*	*8270C*

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Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: ASL0224-06 (KEN-G-MW-7A - Water)						**Sampled: 12/16/09 08:10**		**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	12/23/09 20:11	KMA	9L24014	8260B
1,2-Dichloroethane-d4	*109 %*		*Surr Limits:*	*(69-133%)*			*12/23/09 20:11*	*KMA*	*9L24014*	*8260B*
4-Bromofluorobenzene	*110 %*		*Surr Limits:*	*(66-124%)*			*12/23/09 20:11*	*KMA*	*9L24014*	*8260B*
Dibromofluoromethane	*104 %*		*Surr Limits:*	*(81-127%)*			*12/23/09 20:11*	*KMA*	*9L24014*	*8260B*
Toluene-d8	*105 %*		*Surr Limits:*	*(87-121%)*			*12/23/09 20:11*	*KMA*	*9L24014*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**14.7**		9.62	0.618	ug/L	1.00	12/24/09 14:08	MJM	9L22005	8270C
2,4,6-Tribromophenol	*65 %*		*Surr Limits:*	*(51-130%)*			*12/24/09 14:08*	*MJM*	*9L22005*	*8270C*
2-Fluorobiphenyl	*59 %*		*Surr Limits:*	*(58-116%)*			*12/24/09 14:08*	*MJM*	*9L22005*	*8270C*
2-Fluorophenol	*68 %*		*Surr Limits:*	*(44-114%)*			*12/24/09 14:08*	*MJM*	*9L22005*	*8270C*
Nitrobenzene-d5	*71 %*		*Surr Limits:*	*(52-114%)*			*12/24/09 14:08*	*MJM*	*9L22005*	*8270C*
Phenol-d5	*64 %*		*Surr Limits:*	*(45-116%)*			*12/24/09 14:08*	*MJM*	*9L22005*	*8270C*
Terphenyl-d14	*70 %*		*Surr Limits:*	*(64-126%)*			*12/24/09 14:08*	*MJM*	*9L22005*	*8270C*

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Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: ASL0224-07 (KEN-G-MW-7A-DUP - Water)						**Sampled: 12/16/09 08:10**		**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	**0.443**	J	1.00	0.427	ug/L	1.00	12/23/09 20:38	KMA	9L24014	8260B
1,2-Dichloroethane-d4	*111 %*		*Surr Limits:*	*(69-133%)*			*12/23/09 20:38*	*KMA*	*9L24014*	*8260B*
4-Bromofluorobenzene	*111 %*		*Surr Limits:*	*(66-124%)*			*12/23/09 20:38*	*KMA*	*9L24014*	*8260B*
Dibromofluoromethane	*104 %*		*Surr Limits:*	*(81-127%)*			*12/23/09 20:38*	*KMA*	*9L24014*	*8260B*
Toluene-d8	*106 %*		*Surr Limits:*	*(87-121%)*			*12/23/09 20:38*	*KMA*	*9L24014*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**17.0**		9.62	0.618	ug/L	1.00	12/24/09 14:31	MJM	9L22005	8270C
2,4,6-Tribromophenol	*80 %*		*Surr Limits:*	*(51-130%)*			*12/24/09 14:31*	*MJM*	*9L22005*	*8270C*
2-Fluorobiphenyl	*70 %*		*Surr Limits:*	*(58-116%)*			*12/24/09 14:31*	*MJM*	*9L22005*	*8270C*
2-Fluorophenol	*76 %*		*Surr Limits:*	*(44-114%)*			*12/24/09 14:31*	*MJM*	*9L22005*	*8270C*
Nitrobenzene-d5	*82 %*		*Surr Limits:*	*(52-114%)*			*12/24/09 14:31*	*MJM*	*9L22005*	*8270C*
Phenol-d5	*73 %*		*Surr Limits:*	*(45-116%)*			*12/24/09 14:31*	*MJM*	*9L22005*	*8270C*
Terphenyl-d14	*88 %*		*Surr Limits:*	*(64-126%)*			*12/24/09 14:31*	*MJM*	*9L22005*	*8270C*

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Wilmington, DE 19805

Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: ASL0224-08 (KEN-G-MW-7B - Water)						**Sampled: 12/16/09 09:00**		**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	12/23/09 21:06	KMA	9L24014	8260B
1,2-Dichloroethane-d4	*111 %*		*Surr Limits:*	*(69-133%)*			*12/23/09 21:06*	*KMA*	*9L24014*	*8260B*
4-Bromofluorobenzene	*111 %*		*Surr Limits:*	*(66-124%)*			*12/23/09 21:06*	*KMA*	*9L24014*	*8260B*
Dibromofluoromethane	*105 %*		*Surr Limits:*	*(81-127%)*			*12/23/09 21:06*	*KMA*	*9L24014*	*8260B*
Toluene-d8	*106 %*		*Surr Limits:*	*(87-121%)*			*12/23/09 21:06*	*KMA*	*9L24014*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	ND		9.52	0.612	ug/L	1.00	12/24/09 14:53	MJM	9L22005	8270C
2,4,6-Tribromophenol	*72 %*		*Surr Limits:*	*(51-130%)*			*12/24/09 14:53*	*MJM*	*9L22005*	*8270C*
2-Fluorobiphenyl	*69 %*		*Surr Limits:*	*(58-116%)*			*12/24/09 14:53*	*MJM*	*9L22005*	*8270C*
2-Fluorophenol	*73 %*		*Surr Limits:*	*(44-114%)*			*12/24/09 14:53*	*MJM*	*9L22005*	*8270C*
Nitrobenzene-d5	*75 %*		*Surr Limits:*	*(52-114%)*			*12/24/09 14:53*	*MJM*	*9L22005*	*8270C*
Phenol-d5	*69 %*		*Surr Limits:*	*(45-116%)*			*12/24/09 14:53*	*MJM*	*9L22005*	*8270C*
Terphenyl-d14	*77 %*		*Surr Limits:*	*(64-126%)*			*12/24/09 14:53*	*MJM*	*9L22005*	*8270C*

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Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: ASL0224-09 (KEN-G-MW-9 - Water)						**Sampled: 12/16/09 11:15**		**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	12/23/09 21:34	KMA	9L24014	8260B
1,2-Dichloroethane-d4	*110 %*		*Surr Limits:*	*(69-133%)*			*12/23/09 21:34*	*KMA*	*9L24014*	*8260B*
4-Bromofluorobenzene	*109 %*		*Surr Limits:*	*(66-124%)*			*12/23/09 21:34*	*KMA*	*9L24014*	*8260B*
Dibromofluoromethane	*105 %*		*Surr Limits:*	*(81-127%)*			*12/23/09 21:34*	*KMA*	*9L24014*	*8260B*
Toluene-d8	*105 %*		*Surr Limits:*	*(87-121%)*			*12/23/09 21:34*	*KMA*	*9L24014*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	ND		9.62	0.618	ug/L	1.00	12/24/09 15:16	MJM	9L22005	8270C
2,4,6-Tribromophenol	*80 %*		*Surr Limits:*	*(51-130%)*			*12/24/09 15:16*	*MJM*	*9L22005*	*8270C*
2-Fluorobiphenyl	*69 %*		*Surr Limits:*	*(58-116%)*			*12/24/09 15:16*	*MJM*	*9L22005*	*8270C*
2-Fluorophenol	*81 %*		*Surr Limits:*	*(44-114%)*			*12/24/09 15:16*	*MJM*	*9L22005*	*8270C*
Nitrobenzene-d5	*79 %*		*Surr Limits:*	*(52-114%)*			*12/24/09 15:16*	*MJM*	*9L22005*	*8270C*
Phenol-d5	*77 %*		*Surr Limits:*	*(45-116%)*			*12/24/09 15:16*	*MJM*	*9L22005*	*8270C*
Terphenyl-d14	*83 %*		*Surr Limits:*	*(64-126%)*			*12/24/09 15:16*	*MJM*	*9L22005*	*8270C*

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Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: ASL0224-10 (KEN-G-MW-10A - Water)						**Sampled: 12/16/09 14:20**		**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	**2.85**		1.00	0.427	ug/L	1.00	12/23/09 22:01	KMA	9L24014	8260B
1,2-Dichloroethane-d4	*110 %*		*Surr Limits:*	*(69-133%)*			*12/23/09 22:01*	*KMA*	*9L24014*	*8260B*
4-Bromofluorobenzene	*109 %*		*Surr Limits:*	*(66-124%)*			*12/23/09 22:01*	*KMA*	*9L24014*	*8260B*
Dibromofluoromethane	*105 %*		*Surr Limits:*	*(81-127%)*			*12/23/09 22:01*	*KMA*	*9L24014*	*8260B*
Toluene-d8	*105 %*		*Surr Limits:*	*(87-121%)*			*12/23/09 22:01*	*KMA*	*9L24014*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**16.1**		9.80	0.630	ug/L	1.00	12/24/09 15:38	MJM	9L22005	8270C
2,4,6-Tribromophenol	*77 %*		*Surr Limits:*	*(51-130%)*			*12/24/09 15:38*	*MJM*	*9L22005*	*8270C*
2-Fluorobiphenyl	*69 %*		*Surr Limits:*	*(58-116%)*			*12/24/09 15:38*	*MJM*	*9L22005*	*8270C*
2-Fluorophenol	*73 %*		*Surr Limits:*	*(44-114%)*			*12/24/09 15:38*	*MJM*	*9L22005*	*8270C*
Nitrobenzene-d5	*73 %*		*Surr Limits:*	*(52-114%)*			*12/24/09 15:38*	*MJM*	*9L22005*	*8270C*
Phenol-d5	*72 %*		*Surr Limits:*	*(45-116%)*			*12/24/09 15:38*	*MJM*	*9L22005*	*8270C*
Terphenyl-d14	*83 %*		*Surr Limits:*	*(64-126%)*			*12/24/09 15:38*	*MJM*	*9L22005*	*8270C*

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Wilmington, DE 19805

Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: ASL0224-11 (KEN-G-MW-10B - Water)						**Sampled: 12/16/09 12:05**		**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	12/23/09 22:29	KMA	9L24014	8260B
1,2-Dichloroethane-d4	*112 %*		*Surr Limits:*	*(69-133%)*			*12/23/09 22:29*	*KMA*	*9L24014*	*8260B*
4-Bromofluorobenzene	*112 %*		*Surr Limits:*	*(66-124%)*			*12/23/09 22:29*	*KMA*	*9L24014*	*8260B*
Dibromofluoromethane	*105 %*		*Surr Limits:*	*(81-127%)*			*12/23/09 22:29*	*KMA*	*9L24014*	*8260B*
Toluene-d8	*107 %*		*Surr Limits:*	*(87-121%)*			*12/23/09 22:29*	*KMA*	*9L24014*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**4.41**	J	9.71	0.624	ug/L	1.00	12/24/09 16:01	MJM	9L22005	8270C
2,4,6-Tribromophenol	*80 %*		*Surr Limits:*	*(51-130%)*			*12/24/09 16:01*	*MJM*	*9L22005*	*8270C*
2-Fluorobiphenyl	*68 %*		*Surr Limits:*	*(58-116%)*			*12/24/09 16:01*	*MJM*	*9L22005*	*8270C*
2-Fluorophenol	*80 %*		*Surr Limits:*	*(44-114%)*			*12/24/09 16:01*	*MJM*	*9L22005*	*8270C*
Nitrobenzene-d5	*79 %*		*Surr Limits:*	*(52-114%)*			*12/24/09 16:01*	*MJM*	*9L22005*	*8270C*
Phenol-d5	*78 %*		*Surr Limits:*	*(45-116%)*			*12/24/09 16:01*	*MJM*	*9L22005*	*8270C*
Terphenyl-d14	*83 %*		*Surr Limits:*	*(64-126%)*			*12/24/09 16:01*	*MJM*	*9L22005*	*8270C*

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THE LEADER IN ENVIRONMENTAL TESTING

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4417 Lancaster Pike
Wilmington, DE 19805

Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: ASL0224-12 (KEN-G-MW-11A - Water)						**Sampled: 12/16/09 15:15**		**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	12/23/09 22:56	KMA	9L24014	8260B
1,2-Dichloroethane-d4	*112 %*		*Surr Limits:*	*(69-133%)*			*12/23/09 22:56*	*KMA*	*9L24014*	*8260B*
4-Bromofluorobenzene	*111 %*		*Surr Limits:*	*(66-124%)*			*12/23/09 22:56*	*KMA*	*9L24014*	*8260B*
Dibromofluoromethane	*105 %*		*Surr Limits:*	*(81-127%)*			*12/23/09 22:56*	*KMA*	*9L24014*	*8260B*
Toluene-d8	*108 %*		*Surr Limits:*	*(87-121%)*			*12/23/09 22:56*	*KMA*	*9L24014*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**3.50**	J	9.52	0.612	ug/L	1.00	12/24/09 16:23	MJM	9L22005	8270C
2,4,6-Tribromophenol	*80 %*		*Surr Limits:*	*(51-130%)*			*12/24/09 16:23*	*MJM*	*9L22005*	*8270C*
2-Fluorobiphenyl	*70 %*		*Surr Limits:*	*(58-116%)*			*12/24/09 16:23*	*MJM*	*9L22005*	*8270C*
2-Fluorophenol	*84 %*		*Surr Limits:*	*(44-114%)*			*12/24/09 16:23*	*MJM*	*9L22005*	*8270C*
Nitrobenzene-d5	*83 %*		*Surr Limits:*	*(52-114%)*			*12/24/09 16:23*	*MJM*	*9L22005*	*8270C*
Phenol-d5	*80 %*		*Surr Limits:*	*(45-116%)*			*12/24/09 16:23*	*MJM*	*9L22005*	*8270C*
Terphenyl-d14	*86 %*		*Surr Limits:*	*(64-126%)*			*12/24/09 16:23*	*MJM*	*9L22005*	*8270C*

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Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: ASL0224-13 (KEN-G-MW-11B - Water)						**Sampled: 12/16/09 16:00**		**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	12/23/09 23:25	KMA	9L24014	8260B
1,2-Dichloroethane-d4	*112 %*		*Surr Limits:*	*(69-133%)*			*12/23/09 23:25*	*KMA*	*9L24014*	*8260B*
4-Bromofluorobenzene	*111 %*		*Surr Limits:*	*(66-124%)*			*12/23/09 23:25*	*KMA*	*9L24014*	*8260B*
Dibromofluoromethane	*105 %*		*Surr Limits:*	*(81-127%)*			*12/23/09 23:25*	*KMA*	*9L24014*	*8260B*
Toluene-d8	*107 %*		*Surr Limits:*	*(87-121%)*			*12/23/09 23:25*	*KMA*	*9L24014*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	ND		9.52	0.612	ug/L	1.00	12/24/09 16:45	MJM	9L22005	8270C
2,4,6-Tribromophenol	*77 %*		*Surr Limits:*	*(51-130%)*			*12/24/09 16:45*	*MJM*	*9L22005*	*8270C*
2-Fluorobiphenyl	*64 %*		*Surr Limits:*	*(58-116%)*			*12/24/09 16:45*	*MJM*	*9L22005*	*8270C*
2-Fluorophenol	*72 %*		*Surr Limits:*	*(44-114%)*			*12/24/09 16:45*	*MJM*	*9L22005*	*8270C*
Nitrobenzene-d5	*73 %*		*Surr Limits:*	*(52-114%)*			*12/24/09 16:45*	*MJM*	*9L22005*	*8270C*
Phenol-d5	*71 %*		*Surr Limits:*	*(45-116%)*			*12/24/09 16:45*	*MJM*	*9L22005*	*8270C*
Terphenyl-d14	*81 %*		*Surr Limits:*	*(64-126%)*			*12/24/09 16:45*	*MJM*	*9L22005*	*8270C*

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Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: ASL0224-14 (KEN-G-MW-12 - Water)						**Sampled: 12/17/09 08:15**		**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	12/23/09 23:52	KMA	9L24014	8260B
1,2-Dichloroethane-d4	*111 %*		*Surr Limits:*	*(69-133%)*			*12/23/09 23:52*	*KMA*	*9L24014*	*8260B*
4-Bromofluorobenzene	*109 %*		*Surr Limits:*	*(66-124%)*			*12/23/09 23:52*	*KMA*	*9L24014*	*8260B*
Dibromofluoromethane	*104 %*		*Surr Limits:*	*(81-127%)*			*12/23/09 23:52*	*KMA*	*9L24014*	*8260B*
Toluene-d8	*105 %*		*Surr Limits:*	*(87-121%)*			*12/23/09 23:52*	*KMA*	*9L24014*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	ND		9.52	0.612	ug/L	1.00	12/23/09 18:19	MJM	9L22006	8270C
2,4,6-Tribromophenol	*80 %*		*Surr Limits:*	*(51-130%)*			*12/23/09 18:19*	*MJM*	*9L22006*	*8270C*
2-Fluorobiphenyl	*70 %*		*Surr Limits:*	*(58-116%)*			*12/23/09 18:19*	*MJM*	*9L22006*	*8270C*
2-Fluorophenol	*84 %*		*Surr Limits:*	*(44-114%)*			*12/23/09 18:19*	*MJM*	*9L22006*	*8270C*
Nitrobenzene-d5	*82 %*		*Surr Limits:*	*(52-114%)*			*12/23/09 18:19*	*MJM*	*9L22006*	*8270C*
Phenol-d5	*80 %*		*Surr Limits:*	*(45-116%)*			*12/23/09 18:19*	*MJM*	*9L22006*	*8270C*
Terphenyl-d14	*83 %*		*Surr Limits:*	*(64-126%)*			*12/23/09 18:19*	*MJM*	*9L22006*	*8270C*

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Work Order: ASL0224

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Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: ASL0224-15 (KEN-G-MW-14A - Water)						**Sampled: 12/17/09 09:35**		**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	12/24/09 00:20	KMA	9L24014	8260B
1,2-Dichloroethane-d4	*113 %*		*Surr Limits:*	*(69-133%)*			*12/24/09 00:20*	*KMA*	*9L24014*	*8260B*
4-Bromofluorobenzene	*111 %*		*Surr Limits:*	*(66-124%)*			*12/24/09 00:20*	*KMA*	*9L24014*	*8260B*
Dibromofluoromethane	*105 %*		*Surr Limits:*	*(81-127%)*			*12/24/09 00:20*	*KMA*	*9L24014*	*8260B*
Toluene-d8	*107 %*		*Surr Limits:*	*(87-121%)*			*12/24/09 00:20*	*KMA*	*9L24014*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**5.73**	J	9.62	0.618	ug/L	1.00	12/23/09 18:42	MJM	9L22006	8270C
2,4,6-Tribromophenol	*83 %*		*Surr Limits:*	*(51-130%)*			*12/23/09 18:42*	*MJM*	*9L22006*	*8270C*
2-Fluorobiphenyl	*66 %*		*Surr Limits:*	*(58-116%)*			*12/23/09 18:42*	*MJM*	*9L22006*	*8270C*
2-Fluorophenol	*86 %*		*Surr Limits:*	*(44-114%)*			*12/23/09 18:42*	*MJM*	*9L22006*	*8270C*
Nitrobenzene-d5	*85 %*		*Surr Limits:*	*(52-114%)*			*12/23/09 18:42*	*MJM*	*9L22006*	*8270C*
Phenol-d5	*83 %*		*Surr Limits:*	*(45-116%)*			*12/23/09 18:42*	*MJM*	*9L22006*	*8270C*
Terphenyl-d14	*87 %*		*Surr Limits:*	*(64-126%)*			*12/23/09 18:42*	*MJM*	*9L22006*	*8270C*

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Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: ASL0224-16 (KEN-G-MW-14B - Water)						**Sampled: 12/17/09 10:15**		**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	12/24/09 00:47	KMA	9L24014	8260B
1,2-Dichloroethane-d4	*110 %*		*Surr Limits:*	*(69-133%)*			*12/24/09 00:47*	*KMA*	*9L24014*	*8260B*
4-Bromofluorobenzene	*108 %*		*Surr Limits:*	*(66-124%)*			*12/24/09 00:47*	*KMA*	*9L24014*	*8260B*
Dibromofluoromethane	*103 %*		*Surr Limits:*	*(81-127%)*			*12/24/09 00:47*	*KMA*	*9L24014*	*8260B*
Toluene-d8	*106 %*		*Surr Limits:*	*(87-121%)*			*12/24/09 00:47*	*KMA*	*9L24014*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	ND		9.52	0.612	ug/L	1.00	12/23/09 19:04	MJM	9L22006	8270C
2,4,6-Tribromophenol	*78 %*		*Surr Limits:*	*(51-130%)*			*12/23/09 19:04*	*MJM*	*9L22006*	*8270C*
2-Fluorobiphenyl	*66 %*		*Surr Limits:*	*(58-116%)*			*12/23/09 19:04*	*MJM*	*9L22006*	*8270C*
2-Fluorophenol	*83 %*		*Surr Limits:*	*(44-114%)*			*12/23/09 19:04*	*MJM*	*9L22006*	*8270C*
Nitrobenzene-d5	*80 %*		*Surr Limits:*	*(52-114%)*			*12/23/09 19:04*	*MJM*	*9L22006*	*8270C*
Phenol-d5	*79 %*		*Surr Limits:*	*(45-116%)*			*12/23/09 19:04*	*MJM*	*9L22006*	*8270C*
Terphenyl-d14	*84 %*		*Surr Limits:*	*(64-126%)*			*12/23/09 19:04*	*MJM*	*9L22006*	*8270C*

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Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: ASL0224-17 (KEN-G-MW-15 - Water)						**Sampled: 12/17/09 15:15**		**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	12/24/09 12:42	DY	9L26002	8260B
1,2-Dichloroethane-d4	*95 %*		*Surr Limits:*	*(69-133%)*			*12/24/09 12:42*	*DY*	*9L26002*	*8260B*
4-Bromofluorobenzene	*106 %*		*Surr Limits:*	*(66-124%)*			*12/24/09 12:42*	*DY*	*9L26002*	*8260B*
Dibromofluoromethane	*96 %*		*Surr Limits:*	*(81-127%)*			*12/24/09 12:42*	*DY*	*9L26002*	*8260B*
Toluene-d8	*103 %*		*Surr Limits:*	*(87-121%)*			*12/24/09 12:42*	*DY*	*9L26002*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**16.5**		9.62	0.618	ug/L	1.00	12/23/09 19:27	MJM	9L22006	8270C
2,4,6-Tribromophenol	*74 %*		*Surr Limits:*	*(51-130%)*			*12/23/09 19:27*	*MJM*	*9L22006*	*8270C*
2-Fluorobiphenyl	*66 %*		*Surr Limits:*	*(58-116%)*			*12/23/09 19:27*	*MJM*	*9L22006*	*8270C*
2-Fluorophenol	*83 %*		*Surr Limits:*	*(44-114%)*			*12/23/09 19:27*	*MJM*	*9L22006*	*8270C*
Nitrobenzene-d5	*80 %*		*Surr Limits:*	*(52-114%)*			*12/23/09 19:27*	*MJM*	*9L22006*	*8270C*
Phenol-d5	*81 %*		*Surr Limits:*	*(45-116%)*			*12/23/09 19:27*	*MJM*	*9L22006*	*8270C*
Terphenyl-d14	*79 %*		*Surr Limits:*	*(64-126%)*			*12/23/09 19:27*	*MJM*	*9L22006*	*8270C*

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Reported: 01/18/10 15:15

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: ASL0224-18 (KEN-G-MW-19 - Water)						**Sampled: 12/17/09 11:45**		**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	12/30/09 16:06	DY	9L31006	8260B
1,2-Dichloroethane-d4	*86 %*		*Surr Limits:*	*(69-133%)*			*12/30/09 16:06*	*DY*	*9L31006*	*8260B*
4-Bromofluorobenzene	*111 %*		*Surr Limits:*	*(66-124%)*			*12/30/09 16:06*	*DY*	*9L31006*	*8260B*
Dibromofluoromethane	*94 %*		*Surr Limits:*	*(81-127%)*			*12/30/09 16:06*	*DY*	*9L31006*	*8260B*
Toluene-d8	*115 %*		*Surr Limits:*	*(87-121%)*			*12/30/09 16:06*	*DY*	*9L31006*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**217**		48.1	3.09	ug/L	5.00	12/24/09 10:18	MJM	9L22006	8270C
2,4,6-Tribromophenol	*67 %*		*Surr Limits:*	*(51-130%)*			*12/24/09 10:18*	*MJM*	*9L22006*	*8270C*
2-Fluorobiphenyl	*76 %*		*Surr Limits:*	*(58-116%)*			*12/24/09 10:18*	*MJM*	*9L22006*	*8270C*
2-Fluorophenol	*85 %*		*Surr Limits:*	*(44-114%)*			*12/24/09 10:18*	*MJM*	*9L22006*	*8270C*
Nitrobenzene-d5	*81 %*		*Surr Limits:*	*(52-114%)*			*12/24/09 10:18*	*MJM*	*9L22006*	*8270C*
Phenol-d5	*81 %*		*Surr Limits:*	*(45-116%)*			*12/24/09 10:18*	*MJM*	*9L22006*	*8270C*
Terphenyl-d14	*87 %*		*Surr Limits:*	*(64-126%)*			*12/24/09 10:18*	*MJM*	*9L22006*	*8270C*

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Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: ASL0224-19 (KEN-G-MW-16 - Water)						**Sampled: 12/17/09 14:15**		**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	12/24/09 13:10	DY	9L26002	8260B
1,2-Dichloroethane-d4	*93 %*		*Surr Limits:*	*(69-133%)*			*12/24/09 13:10*	*DY*	*9L26002*	*8260B*
4-Bromofluorobenzene	*104 %*		*Surr Limits:*	*(66-124%)*			*12/24/09 13:10*	*DY*	*9L26002*	*8260B*
Dibromofluoromethane	*94 %*		*Surr Limits:*	*(81-127%)*			*12/24/09 13:10*	*DY*	*9L26002*	*8260B*
Toluene-d8	*101 %*		*Surr Limits:*	*(87-121%)*			*12/24/09 13:10*	*DY*	*9L26002*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	ND		9.52	0.612	ug/L	1.00	12/23/09 20:11	MJM	9L22006	8270C
2,4,6-Tribromophenol	*83 %*		*Surr Limits:*	*(51-130%)*			*12/23/09 20:11*	*MJM*	*9L22006*	*8270C*
2-Fluorobiphenyl	*70 %*		*Surr Limits:*	*(58-116%)*			*12/23/09 20:11*	*MJM*	*9L22006*	*8270C*
2-Fluorophenol	*82 %*		*Surr Limits:*	*(44-114%)*			*12/23/09 20:11*	*MJM*	*9L22006*	*8270C*
Nitrobenzene-d5	*78 %*		*Surr Limits:*	*(52-114%)*			*12/23/09 20:11*	*MJM*	*9L22006*	*8270C*
Phenol-d5	*78 %*		*Surr Limits:*	*(45-116%)*			*12/23/09 20:11*	*MJM*	*9L22006*	*8270C*
Terphenyl-d14	*90 %*		*Surr Limits:*	*(64-126%)*			*12/23/09 20:11*	*MJM*	*9L22006*	*8270C*

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THE LEADER IN ENVIRONMENTAL TESTING

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4417 Lancaster Pike
Wilmington, DE 19805

Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: ASL0224-20 (KEN-K-EQBLK-GW1 - Water)						**Sampled: 12/17/09 15:45**		**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	12/26/09 23:41	DY	9L27001	8260B
1,2-Dichloroethane-d4	*83 %*		*Surr Limits:*	*(69-133%)*			*12/26/09 23:41*	*DY*	*9L27001*	*8260B*
4-Bromofluorobenzene	*108 %*		*Surr Limits:*	*(66-124%)*			*12/26/09 23:41*	*DY*	*9L27001*	*8260B*
Dibromofluoromethane	*92 %*		*Surr Limits:*	*(81-127%)*			*12/26/09 23:41*	*DY*	*9L27001*	*8260B*
Toluene-d8	*114 %*		*Surr Limits:*	*(87-121%)*			*12/26/09 23:41*	*DY*	*9L27001*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	ND		10.0	0.643	ug/L	1.00	12/23/09 20:34	MJM	9L22006	8270C
2,4,6-Tribromophenol	*72 %*		*Surr Limits:*	*(51-130%)*			*12/23/09 20:34*	*MJM*	*9L22006*	*8270C*
2-Fluorobiphenyl	*62 %*		*Surr Limits:*	*(58-116%)*			*12/23/09 20:34*	*MJM*	*9L22006*	*8270C*
2-Fluorophenol	*77 %*		*Surr Limits:*	*(44-114%)*			*12/23/09 20:34*	*MJM*	*9L22006*	*8270C*
Nitrobenzene-d5	*73 %*		*Surr Limits:*	*(52-114%)*			*12/23/09 20:34*	*MJM*	*9L22006*	*8270C*
Phenol-d5	*73 %*		*Surr Limits:*	*(45-116%)*			*12/23/09 20:34*	*MJM*	*9L22006*	*8270C*
Terphenyl-d14	*79 %*		*Surr Limits:*	*(64-126%)*			*12/23/09 20:34*	*MJM*	*9L22006*	*8270C*

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Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: ASL0224-21 (KEN-K-TBLK-GW1 - Water)						**Sampled: 12/15/09**		**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	12/27/09 00:11	DY	9L27001	8260B
1,2-Dichloroethane-d4	*84 %*		*Surr Limits:*	*(69-133%)*			*12/27/09 00:11*	*DY*	*9L27001*	*8260B*
4-Bromofluorobenzene	*108 %*		*Surr Limits:*	*(66-124%)*			*12/27/09 00:11*	*DY*	*9L27001*	*8260B*
Dibromofluoromethane	*92 %*		*Surr Limits:*	*(81-127%)*			*12/27/09 00:11*	*DY*	*9L27001*	*8260B*
Toluene-d8	*114 %*		*Surr Limits:*	*(87-121%)*			*12/27/09 00:11*	*DY*	*9L27001*	*8260B*

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Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
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Received: 12/18/09
Reported: 01/18/10 15:15

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: ASL0224-22 (KEN-W-SW-9 - Water)						**Sampled: 12/17/09 07:30**		**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	12/27/09 00:41	DY	9L27001	8260B
1,2-Dichloroethane-d4	*85 %*		*Surr Limits:*	*(69-133%)*			*12/27/09 00:41*	*DY*	*9L27001*	*8260B*
4-Bromofluorobenzene	*108 %*		*Surr Limits:*	*(66-124%)*			*12/27/09 00:41*	*DY*	*9L27001*	*8260B*
Dibromofluoromethane	*92 %*		*Surr Limits:*	*(81-127%)*			*12/27/09 00:41*	*DY*	*9L27001*	*8260B*
Toluene-d8	*115 %*		*Surr Limits:*	*(87-121%)*			*12/27/09 00:41*	*DY*	*9L27001*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**22.0**		9.52	0.612	ug/L	1.00	12/23/09 20:56	MJM	9L22006	8270C
2,4,6-Tribromophenol	*81 %*		*Surr Limits:*	*(51-130%)*			*12/23/09 20:56*	*MJM*	*9L22006*	*8270C*
2-Fluorobiphenyl	*73 %*		*Surr Limits:*	*(58-116%)*			*12/23/09 20:56*	*MJM*	*9L22006*	*8270C*
2-Fluorophenol	*81 %*		*Surr Limits:*	*(44-114%)*			*12/23/09 20:56*	*MJM*	*9L22006*	*8270C*
Nitrobenzene-d5	*83 %*		*Surr Limits:*	*(52-114%)*			*12/23/09 20:56*	*MJM*	*9L22006*	*8270C*
Phenol-d5	*78 %*		*Surr Limits:*	*(45-116%)*			*12/23/09 20:56*	*MJM*	*9L22006*	*8270C*
Terphenyl-d14	*84 %*		*Surr Limits:*	*(64-126%)*			*12/23/09 20:56*	*MJM*	*9L22006*	*8270C*

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Wilmington, DE 19805

Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: ASL0224-23 (KEN-W-SW-9-DUP - Water)						**Sampled: 12/17/09 07:30**		**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	12/27/09 01:10	DY	9L27001	8260B
1,2-Dichloroethane-d4	*85 %*		*Surr Limits:*	*(69-133%)*			*12/27/09 01:10*	*DY*	*9L27001*	*8260B*
4-Bromofluorobenzene	*105 %*		*Surr Limits:*	*(66-124%)*			*12/27/09 01:10*	*DY*	*9L27001*	*8260B*
Dibromofluoromethane	*94 %*		*Surr Limits:*	*(81-127%)*			*12/27/09 01:10*	*DY*	*9L27001*	*8260B*
Toluene-d8	*115 %*		*Surr Limits:*	*(87-121%)*			*12/27/09 01:10*	*DY*	*9L27001*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**20.0**		9.71	0.624	ug/L	1.00	12/23/09 21:19	MJM	9L22006	8270C
2,4,6-Tribromophenol	*76 %*		*Surr Limits:*	*(51-130%)*			*12/23/09 21:19*	*MJM*	*9L22006*	*8270C*
2-Fluorobiphenyl	*68 %*		*Surr Limits:*	*(58-116%)*			*12/23/09 21:19*	*MJM*	*9L22006*	*8270C*
2-Fluorophenol	*74 %*		*Surr Limits:*	*(44-114%)*			*12/23/09 21:19*	*MJM*	*9L22006*	*8270C*
Nitrobenzene-d5	*76 %*		*Surr Limits:*	*(52-114%)*			*12/23/09 21:19*	*MJM*	*9L22006*	*8270C*
Phenol-d5	*72 %*		*Surr Limits:*	*(45-116%)*			*12/23/09 21:19*	*MJM*	*9L22006*	*8270C*
Terphenyl-d14	*80 %*		*Surr Limits:*	*(64-126%)*			*12/23/09 21:19*	*MJM*	*9L22006*	*8270C*

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Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: ASL0224-24 (KEN-W-SW-11 - Water)						**Sampled: 12/17/09 09:00**		**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	12/27/09 18:11	KMA	9L28011	8260B
1,2-Dichloroethane-d4	*89 %*		*Surr Limits:*	*(69-133%)*			*12/27/09 18:11*	*KMA*	*9L28011*	*8260B*
4-Bromofluorobenzene	*109 %*		*Surr Limits:*	*(66-124%)*			*12/27/09 18:11*	*KMA*	*9L28011*	*8260B*
Dibromofluoromethane	*98 %*		*Surr Limits:*	*(81-127%)*			*12/27/09 18:11*	*KMA*	*9L28011*	*8260B*
Toluene-d8	*115 %*		*Surr Limits:*	*(87-121%)*			*12/27/09 18:11*	*KMA*	*9L28011*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**20.3**		9.52	0.612	ug/L	1.00	12/23/09 17:12	MJM	9L22006	8270C
2,4,6-Tribromophenol	*85 %*		*Surr Limits:*	*(51-130%)*			*12/23/09 17:12*	*MJM*	*9L22006*	*8270C*
2-Fluorobiphenyl	*76 %*		*Surr Limits:*	*(58-116%)*			*12/23/09 17:12*	*MJM*	*9L22006*	*8270C*
2-Fluorophenol	*78 %*		*Surr Limits:*	*(44-114%)*			*12/23/09 17:12*	*MJM*	*9L22006*	*8270C*
Nitrobenzene-d5	*83 %*		*Surr Limits:*	*(52-114%)*			*12/23/09 17:12*	*MJM*	*9L22006*	*8270C*
Phenol-d5	*78 %*		*Surr Limits:*	*(45-116%)*			*12/23/09 17:12*	*MJM*	*9L22006*	*8270C*
Terphenyl-d14	*87 %*		*Surr Limits:*	*(64-126%)*			*12/23/09 17:12*	*MJM*	*9L22006*	*8270C*

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E.I. du Pont de Nemours and Co
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Wilmington, DE 19805

Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: ASL0224-25 (KEN-W-SW-24 - Water)						**Sampled: 12/17/09 10:50**		**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	12/27/09 18:41	KMA	9L28011	8260B
1,2-Dichloroethane-d4	*89 %*		*Surr Limits:*	*(69-133%)*			*12/27/09 18:41*	*KMA*	*9L28011*	*8260B*
4-Bromofluorobenzene	*107 %*		*Surr Limits:*	*(66-124%)*			*12/27/09 18:41*	*KMA*	*9L28011*	*8260B*
Dibromofluoromethane	*97 %*		*Surr Limits:*	*(81-127%)*			*12/27/09 18:41*	*KMA*	*9L28011*	*8260B*
Toluene-d8	*116 %*		*Surr Limits:*	*(87-121%)*			*12/27/09 18:41*	*KMA*	*9L28011*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**121**		9.71	0.624	ug/L	1.00	12/23/09 21:41	MJM	9L22006	8270C
2,4,6-Tribromophenol	*81 %*		*Surr Limits:*	*(51-130%)*			*12/23/09 21:41*	*MJM*	*9L22006*	*8270C*
2-Fluorobiphenyl	*72 %*		*Surr Limits:*	*(58-116%)*			*12/23/09 21:41*	*MJM*	*9L22006*	*8270C*
2-Fluorophenol	*81 %*		*Surr Limits:*	*(44-114%)*			*12/23/09 21:41*	*MJM*	*9L22006*	*8270C*
Nitrobenzene-d5	*81 %*		*Surr Limits:*	*(52-114%)*			*12/23/09 21:41*	*MJM*	*9L22006*	*8270C*
Phenol-d5	*78 %*		*Surr Limits:*	*(45-116%)*			*12/23/09 21:41*	*MJM*	*9L22006*	*8270C*
Terphenyl-d14	*82 %*		*Surr Limits:*	*(64-126%)*			*12/23/09 21:41*	*MJM*	*9L22006*	*8270C*

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Received: 12/18/09
Reported: 01/18/10 15:15

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: ASL0224-26 (KEN-W-SW-29 - Water)						**Sampled: 12/17/09 11:00**		**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	12/27/09 19:11	KMA	9L28011	8260B
1,2-Dichloroethane-d4	*89 %*		*Surr Limits:*	*(69-133%)*			*12/27/09 19:11*	*KMA*	*9L28011*	*8260B*
4-Bromofluorobenzene	*107 %*		*Surr Limits:*	*(66-124%)*			*12/27/09 19:11*	*KMA*	*9L28011*	*8260B*
Dibromofluoromethane	*98 %*		*Surr Limits:*	*(81-127%)*			*12/27/09 19:11*	*KMA*	*9L28011*	*8260B*
Toluene-d8	*115 %*		*Surr Limits:*	*(87-121%)*			*12/27/09 19:11*	*KMA*	*9L28011*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**5.80**	J	9.62	0.618	ug/L	1.00	12/23/09 22:04	MJM	9L22006	8270C
2,4,6-Tribromophenol	*81 %*		*Surr Limits:*	*(51-130%)*			*12/23/09 22:04*	*MJM*	*9L22006*	*8270C*
2-Fluorobiphenyl	*68 %*		*Surr Limits:*	*(58-116%)*			*12/23/09 22:04*	*MJM*	*9L22006*	*8270C*
2-Fluorophenol	*81 %*		*Surr Limits:*	*(44-114%)*			*12/23/09 22:04*	*MJM*	*9L22006*	*8270C*
Nitrobenzene-d5	*82 %*		*Surr Limits:*	*(52-114%)*			*12/23/09 22:04*	*MJM*	*9L22006*	*8270C*
Phenol-d5	*78 %*		*Surr Limits:*	*(45-116%)*			*12/23/09 22:04*	*MJM*	*9L22006*	*8270C*
Terphenyl-d14	*84 %*		*Surr Limits:*	*(64-126%)*			*12/23/09 22:04*	*MJM*	*9L22006*	*8270C*

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Received: 12/18/09
Reported: 01/18/10 15:15

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: ASL0224-27 (KEN-K-EQBLK-SW - Water)						**Sampled: 12/17/09 12:00**		**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	12/27/09 19:40	KMA	9L28011	8260B
1,2-Dichloroethane-d4	*87 %*		*Surr Limits:*	*(69-133%)*			*12/27/09 19:40*	*KMA*	*9L28011*	*8260B*
4-Bromofluorobenzene	*106 %*		*Surr Limits:*	*(66-124%)*			*12/27/09 19:40*	*KMA*	*9L28011*	*8260B*
Dibromofluoromethane	*97 %*		*Surr Limits:*	*(81-127%)*			*12/27/09 19:40*	*KMA*	*9L28011*	*8260B*
Toluene-d8	*115 %*		*Surr Limits:*	*(87-121%)*			*12/27/09 19:40*	*KMA*	*9L28011*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	ND		9.62	0.618	ug/L	1.00	12/23/09 22:26	MJM	9L22006	8270C
2,4,6-Tribromophenol	*77 %*		*Surr Limits:*	*(51-130%)*			*12/23/09 22:26*	*MJM*	*9L22006*	*8270C*
2-Fluorobiphenyl	*72 %*		*Surr Limits:*	*(58-116%)*			*12/23/09 22:26*	*MJM*	*9L22006*	*8270C*
2-Fluorophenol	*79 %*		*Surr Limits:*	*(44-114%)*			*12/23/09 22:26*	*MJM*	*9L22006*	*8270C*
Nitrobenzene-d5	*77 %*		*Surr Limits:*	*(52-114%)*			*12/23/09 22:26*	*MJM*	*9L22006*	*8270C*
Phenol-d5	*76 %*		*Surr Limits:*	*(45-116%)*			*12/23/09 22:26*	*MJM*	*9L22006*	*8270C*
Terphenyl-d14	*85 %*		*Surr Limits:*	*(64-126%)*			*12/23/09 22:26*	*MJM*	*9L22006*	*8270C*

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Wilmington, DE 19805

Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: ASL0224-28 (KEN-K-TBLK-SW - Water)						**Sampled: 12/15/09**		**Recvd: 12/18/09 08:50**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	12/23/09 00:43	KMA	9L23007	8260B
1,2-Dichloroethane-d4	*112 %*		*Surr Limits:*	*(69-133%)*			*12/23/09 00:43*	*KMA*	*9L23007*	*8260B*
4-Bromofluorobenzene	*108 %*		*Surr Limits:*	*(66-124%)*			*12/23/09 00:43*	*KMA*	*9L23007*	*8260B*
Dibromofluoromethane	*105 %*		*Surr Limits:*	*(81-127%)*			*12/23/09 00:43*	*KMA*	*9L23007*	*8260B*
Toluene-d8	*106 %*		*Surr Limits:*	*(87-121%)*			*12/23/09 00:43*	*KMA*	*9L23007*	*8260B*

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Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
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Reported: 01/18/10 15:15

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
Acid and Base/Neutral Extractables by SW846									
8270C	9L22006	ASL0224-20	1,000.00	mL	5.00	mL	12/21/09 17:00	EF	3520C MS
8270C	9L22005	ASL0224-01	1,020.00	mL	5.00	mL	12/21/09 17:00	EF	3520C MS
8270C	9L22005	ASL0224-05	1,020.00	mL	5.00	mL	12/21/09 17:00	EF	3520C MS
8270C	9L22005	ASL0224-10	1,020.00	mL	5.00	mL	12/21/09 17:00	EF	3520C MS
8270C	9L22005	ASL0224-03	1,030.00	mL	5.00	mL	12/21/09 17:00	EF	3520C MS
8270C	9L22005	ASL0224-11	1,030.00	mL	5.00	mL	12/21/09 17:00	EF	3520C MS
8270C	9L22006	ASL0224-23	1,030.00	mL	5.00	mL	12/21/09 17:00	EF	3520C MS
8270C	9L22006	ASL0224-25	1,030.00	mL	5.00	mL	12/21/09 17:00	EF	3520C MS
8270C	9L22005	ASL0224-06	1,040.00	mL	5.00	mL	12/21/09 17:00	EF	3520C MS
8270C	9L22005	ASL0224-07	1,040.00	mL	5.00	mL	12/21/09 17:00	EF	3520C MS
8270C	9L22005	ASL0224-09	1,040.00	mL	5.00	mL	12/21/09 17:00	EF	3520C MS
8270C	9L22006	ASL0224-15	1,040.00	mL	5.00	mL	12/21/09 17:00	EF	3520C MS
8270C	9L22006	ASL0224-17	1,040.00	mL	5.00	mL	12/21/09 17:00	EF	3520C MS
8270C	9L22006	ASL0224-18	1,040.00	mL	5.00	mL	12/21/09 17:00	EF	3520C MS
8270C	9L22006	ASL0224-26	1,040.00	mL	5.00	mL	12/21/09 17:00	EF	3520C MS
8270C	9L22006	ASL0224-27	1,040.00	mL	5.00	mL	12/21/09 17:00	EF	3520C MS
8270C	9L22005	ASL0224-02	1,050.00	mL	5.00	mL	12/21/09 17:00	EF	3520C MS
8270C	9L22005	ASL0224-04	1,050.00	mL	5.00	mL	12/21/09 17:00	EF	3520C MS
8270C	9L22005	ASL0224-08	1,050.00	mL	5.00	mL	12/21/09 17:00	EF	3520C MS
8270C	9L22005	ASL0224-12	1,050.00	mL	5.00	mL	12/21/09 17:00	EF	3520C MS
8270C	9L22005	ASL0224-13	1,050.00	mL	5.00	mL	12/21/09 17:00	EF	3520C MS
8270C	9L22006	ASL0224-14	1,050.00	mL	5.00	mL	12/21/09 17:00	EF	3520C MS
8270C	9L22006	ASL0224-16	1,050.00	mL	5.00	mL	12/21/09 17:00	EF	3520C MS
8270C	9L22006	ASL0224-19	1,050.00	mL	5.00	mL	12/21/09 17:00	EF	3520C MS
8270C	9L22006	ASL0224-22	1,050.00	mL	5.00	mL	12/21/09 17:00	EF	3520C MS
8270C	9L22006	ASL0224-24	1,050.00	mL	5.00	mL	12/21/09 17:00	EF	3520C MS
Volatile Organic Compounds by SW846 8260B									
8260B	9L31006	ASL0224-18	15.00	mL	15.00	mL	12/30/09 07:58	DY	5030B MS
8260B	9L23007	ASL0224-28	15.00	mL	15.00	mL	12/22/09 13:32	KMA	5030B MS
8260B	9L24014	ASL0224-01	15.00	mL	15.00	mL	12/23/09 13:13	KMA	5030B MS
8260B	9L24014	ASL0224-02	15.00	mL	15.00	mL	12/23/09 13:13	KMA	5030B MS
8260B	9L24014	ASL0224-03	15.00	mL	15.00	mL	12/23/09 13:13	KMA	5030B MS
8260B	9L24014	ASL0224-04	15.00	mL	15.00	mL	12/23/09 13:13	KMA	5030B MS
8260B	9L24014	ASL0224-05	15.00	mL	15.00	mL	12/23/09 13:13	KMA	5030B MS
8260B	9L24014	ASL0224-06	15.00	mL	15.00	mL	12/23/09 13:13	KMA	5030B MS

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E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4417 Lancaster Pike
Wilmington, DE 19805

Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
8260B	9L24014	ASL0224-07	15.00	mL	15.00	mL	12/23/09 13:13	KMA	5030B MS
8260B	9L24014	ASL0224-08	15.00	mL	15.00	mL	12/23/09 13:13	KMA	5030B MS
8260B	9L24014	ASL0224-09	15.00	mL	15.00	mL	12/23/09 13:13	KMA	5030B MS
8260B	9L24014	ASL0224-10	15.00	mL	15.00	mL	12/23/09 13:13	KMA	5030B MS
8260B	9L24014	ASL0224-11	15.00	mL	15.00	mL	12/23/09 13:13	KMA	5030B MS
8260B	9L24014	ASL0224-12	15.00	mL	15.00	mL	12/23/09 13:13	KMA	5030B MS
8260B	9L24014	ASL0224-13	15.00	mL	15.00	mL	12/23/09 13:13	KMA	5030B MS
8260B	9L24014	ASL0224-14	15.00	mL	15.00	mL	12/23/09 13:13	KMA	5030B MS
8260B	9L24014	ASL0224-15	15.00	mL	15.00	mL	12/23/09 13:13	KMA	5030B MS
8260B	9L24014	ASL0224-16	15.00	mL	15.00	mL	12/23/09 13:13	KMA	5030B MS
8260B	9L26002	ASL0224-17	15.00	mL	15.00	mL	12/24/09 07:47	KMA	5030B MS
8260B	9L27001	ASL0224-20	15.00	mL	15.00	mL	12/26/09 10:50	KMA	5030B MS
8260B	9L27001	ASL0224-21	15.00	mL	15.00	mL	12/26/09 10:50	KMA	5030B MS
8260B	9L27001	ASL0224-22	15.00	mL	15.00	mL	12/26/09 10:50	KMA	5030B MS
8260B	9L27001	ASL0224-23	15.00	mL	15.00	mL	12/26/09 10:50	KMA	5030B MS
8260B	9L28011	ASL0224-24	15.00	mL	15.00	mL	12/27/09 12:21	KMA	5030B MS
8260B	9L28011	ASL0224-25	15.00	mL	15.00	mL	12/27/09 12:21	KMA	5030B MS
8260B	9L28011	ASL0224-26	15.00	mL	15.00	mL	12/27/09 12:21	KMA	5030B MS
8260B	9L28011	ASL0224-27	15.00	mL	15.00	mL	12/27/09 12:21	KMA	5030B MS
8260B	9L26002	ASL0224-19	15.00	mL	15.00	mL	12/24/09 07:47	SAB	5030B MS

E.I. du Pont de Nemours and Co
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Wilmington, DE 19805

Work Order: ASL0224

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Received: 12/18/09
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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by SW846 8260B											
Blank Analyzed: 12/22/09 (Lab Number:9L23007-BLK1, Batch: 9L23007)											
1,1-Dichloroethene			1.00	0.427	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*108*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*111*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*103*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*104*	*87-121*			
LCS Analyzed: 12/22/09 (Lab Number:9L23007-BS1, Batch: 9L23007)											
1,1-Dichloroethene		20.00	1.00	0.427	ug/L	19.1	96	62-135			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*113*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*115*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*112*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*109*	*87-121*			
LCS Dup Analyzed: 12/22/09 (Lab Number:9L23007-BSD1, Batch: 9L23007)											
1,1-Dichloroethene		20.00	1.00	0.427	ug/L	20.2	101	62-135	6	20	
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*110*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*113*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*104*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*107*	*87-121*			
Matrix Spike Analyzed: 12/22/09 (Lab Number:9L23007-MS1, Batch: 9L23007)											
QC Source Sample: ASL0211-14											
1,1-Dichloroethene	12.4	20.00	1.00	0.427	ug/L	34.6	111	62-135			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*107*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*112*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*104*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*106*	*87-121*			
Matrix Spike Dup Analyzed: 12/22/09 (Lab Number:9L23007-MSD1, Batch: 9L23007)											
QC Source Sample: ASL0211-14											
1,1-Dichloroethene	12.4	20.00	1.00	0.427	ug/L	36.0	118	62-135	4	20	
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*111*	*69-133*			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by SW846 8260B											
Matrix Spike Dup Analyzed: 12/22/09 (Lab Number:9L23007-MSD1, Batch: 9L23007)											
QC Source Sample: ASL0211-14											
Surrogate: 4-Bromofluorobenzene					*ug/L*		*113*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*105*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*107*	*87-121*			
Volatile Organic Compounds by SW846 8260B											
Blank Analyzed: 12/23/09 (Lab Number:9L24014-BLK1, Batch: 9L24014)											
1,1-Dichloroethene			1.00	0.427	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*111*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*110*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*103*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*104*	*87-121*			
LCS Analyzed: 12/23/09 (Lab Number:9L24014-BS1, Batch: 9L24014)											
1,1-Dichloroethene		20.00	1.00	0.427	ug/L	19.2	96	62-135			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*116*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*113*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*111*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*107*	*87-121*			
LCS Dup Analyzed: 12/23/09 (Lab Number:9L24014-BSD1, Batch: 9L24014)											
1,1-Dichloroethene		20.00	1.00	0.427	ug/L	19.3	97	62-135	1	20	
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*114*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*113*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*109*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*105*	*87-121*			
Matrix Spike Analyzed: 12/23/09 (Lab Number:9L24014-MS1, Batch: 9L24014)											
QC Source Sample: ASL0224-01											
1,1-Dichloroethene	ND	20.00	1.00	0.427	ug/L	23.4	117	62-135			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*115*	*69-133*			

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Wilmington, DE 19805

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Received: 12/18/09
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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by SW846 8260B											
Matrix Spike Analyzed: 12/23/09 (Lab Number:9L24014-MS1, Batch: 9L24014)											
QC Source Sample: ASL0224-01											
Surrogate: 4-Bromofluorobenzene					*ug/L*		*115*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*109*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*107*	*87-121*			
Matrix Spike Dup Analyzed: 12/23/09 (Lab Number:9L24014-MSD1, Batch: 9L24014)											
QC Source Sample: ASL0224-01											
1,1-Dichloroethene	ND	20.00	1.00	0.427	ug/L	21.8	109	62-135	7	20	
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*113*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*113*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*104*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*106*	*87-121*			
Volatile Organic Compounds by SW846 8260B											
Blank Analyzed: 12/24/09 (Lab Number:9L26002-BLK1, Batch: 9L26002)											
1,1-Dichloroethene			1.00	0.427	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*91*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*101*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*92*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*98*	*87-121*			
LCS Analyzed: 12/24/09 (Lab Number:9L26002-BS1, Batch: 9L26002)											
1,1-Dichloroethene		20.00	1.00	0.427	ug/L	19.2	96	62-135			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*99*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*109*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*105*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*108*	*87-121*			
LCS Dup Analyzed: 12/24/09 (Lab Number:9L26002-BSD1, Batch: 9L26002)											
1,1-Dichloroethene		20.00	1.00	0.427	ug/L	19.0	95	62-135	0.8	20	
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*100*	*69-133*			

E.I. du Pont de Nemours and Co
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Wilmington, DE 19805

Work Order: ASL0224

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Received: 12/18/09
Reported: 01/18/10 15:15

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by SW846 8260B											
LCS Dup Analyzed: 12/24/09 (Lab Number:9L26002-BSD1, Batch: 9L26002)											
Surrogate: 4-Bromofluorobenzene					*ug/L*		*109*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*106*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*107*	*87-121*			
Matrix Spike Analyzed: 12/24/09 (Lab Number:9L26002-MS1, Batch: 9L26002)											
QC Source Sample: ASL0243-02											
1,1-Dichloroethene	ND	20.00	1.00	0.427	ug/L	21.5	107	62-135			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*98*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*110*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*102*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*107*	*87-121*			
Matrix Spike Dup Analyzed: 12/24/09 (Lab Number:9L26002-MSD1, Batch: 9L26002)											
QC Source Sample: ASL0243-02											
1,1-Dichloroethene	ND	20.00	1.00	0.427	ug/L	21.8	109	62-135	1	20	
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*99*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*111*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*104*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*107*	*87-121*			
Volatile Organic Compounds by SW846 8260B											
Blank Analyzed: 12/26/09 (Lab Number:9L27001-BLK1, Batch: 9L27001)											
1,1-Dichloroethene			1.00	0.427	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*97*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*112*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*99*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*114*	*87-121*			
LCS Analyzed: 12/26/09 (Lab Number:9L27001-BS1, Batch: 9L27001)											
1,1-Dichloroethene		20.00	1.00	0.427	ug/L	19.6	98	62-135			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*94*	*69-133*			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by SW846 8260B											
LCS Analyzed: 12/26/09 (Lab Number:9L27001-BS1, Batch: 9L27001)											
Surrogate: 4-Bromofluorobenzene					*ug/L*		*105*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*96*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*113*	*87-121*			
LCS Dup Analyzed: 12/26/09 (Lab Number:9L27001-BSD1, Batch: 9L27001)											
1,1-Dichloroethene		20.00	1.00	0.427	ug/L	19.6	98	62-135	0.4	20	
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*92*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*104*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*98*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*112*	*87-121*			
Matrix Spike Analyzed: 12/26/09 (Lab Number:9L27001-MS1, Batch: 9L27001)											
QC Source Sample: ASL0237-01											
1,1-Dichloroethene	ND	20.00	1.00	0.427	ug/L	21.6	108	62-135			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*92*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*104*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*96*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*112*	*87-121*			
Matrix Spike Dup Analyzed: 12/26/09 (Lab Number:9L27001-MSD1, Batch: 9L27001)											
QC Source Sample: ASL0237-01											
1,1-Dichloroethene	ND	20.00	1.00	0.427	ug/L	21.4	107	62-135	1	20	
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*96*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*107*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*98*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*111*	*87-121*			
Volatile Organic Compounds by SW846 8260B											
Blank Analyzed: 12/27/09 (Lab Number:9L28011-BLK1, Batch: 9L28011)											
1,1-Dichloroethene			1.00	0.427	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*94*	*69-133*			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by SW846 8260B											
Blank Analyzed: 12/27/09 (Lab Number:9L28011-BLK1, Batch: 9L28011)											
Surrogate: 4-Bromofluorobenzene					*ug/L*		*111*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*100*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*115*	*87-121*			
LCS Analyzed: 12/27/09 (Lab Number:9L28011-BS1, Batch: 9L28011)											
1,1-Dichloroethene		20.00	1.00	0.427	ug/L	19.7	98	62-135			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*89*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*105*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*98*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*114*	*87-121*			
LCS Dup Analyzed: 12/27/09 (Lab Number:9L28011-BSD1, Batch: 9L28011)											
1,1-Dichloroethene		20.00	1.00	0.427	ug/L	19.5	98	62-135	0.8	20	
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*95*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*107*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*100*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*116*	*87-121*			
Matrix Spike Analyzed: 12/28/09 (Lab Number:9L28011-MS1, Batch: 9L28011)											
QC Source Sample: ASL0265-01											
1,1-Dichloroethene	ND	20.00	1.00	0.427	ug/L	20.5	103	62-135			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*83*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*106*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*96*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*115*	*87-121*			
Matrix Spike Analyzed: 12/28/09 (Lab Number:9L28011-MS2, Batch: 9L28011)											
QC Source Sample: ASL0224-24											
1,1-Dichloroethene	ND	20.00	1.00	0.427	ug/L	20.6	103	62-135			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*88*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*105*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*97*	*81-127*			

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4417 Lancaster Pike
Wilmington, DE 19805

Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

Volatile Organic Compounds by SW846 8260B

Matrix Spike Analyzed: 12/28/09 (Lab Number:9L28011-MS2, Batch: 9L28011)
QC Source Sample: ASL0224-24

Surrogate: Toluene-d8					*ug/L*		*113*	*87-121*		

Matrix Spike Dup Analyzed: 12/28/09 (Lab Number:9L28011-MSD1, Batch: 9L28011)
QC Source Sample: ASL0265-01

1,1-Dichloroethene	ND	20.00	1.00	0.427	ug/L	20.7	103	62-135	0.8	20
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*86*	*69-133*		
Surrogate: 4-Bromofluorobenzene					*ug/L*		*104*	*66-124*		
Surrogate: Dibromofluoromethane					*ug/L*		*96*	*81-127*		
Surrogate: Toluene-d8					*ug/L*		*115*	*87-121*		

Matrix Spike Dup Analyzed: 12/28/09 (Lab Number:9L28011-MSD2, Batch: 9L28011)
QC Source Sample: ASL0224-24

1,1-Dichloroethene	ND	20.00	1.00	0.427	ug/L	21.2	106	62-135	3	20
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*85*	*69-133*		
Surrogate: 4-Bromofluorobenzene					*ug/L*		*104*	*66-124*		
Surrogate: Dibromofluoromethane					*ug/L*		*96*	*81-127*		
Surrogate: Toluene-d8					*ug/L*		*116*	*87-121*		

Volatile Organic Compounds by SW846 8260B

Blank Analyzed: 12/30/09 (Lab Number:9L31006-BLK1, Batch: 9L31006)

1,1-Dichloroethene			1.00	0.427	ug/L	ND				
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*89*	*69-133*		
Surrogate: 4-Bromofluorobenzene					*ug/L*		*108*	*66-124*		
Surrogate: Dibromofluoromethane					*ug/L*		*97*	*81-127*		
Surrogate: Toluene-d8					*ug/L*		*116*	*87-121*		

LCS Analyzed: 12/30/09 (Lab Number:9L31006-BS1, Batch: 9L31006)

1,1-Dichloroethene		20.00	1.00	0.427	ug/L	22.8	114	62-135		
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*83*	*69-133*		
Surrogate: 4-Bromofluorobenzene					*ug/L*		*106*	*66-124*		
Surrogate: Dibromofluoromethane					*ug/L*		*94*	*81-127*		
Surrogate: Toluene-d8					*ug/L*		*114*	*87-121*		

LCS Dup Analyzed: 12/30/09 (Lab Number:9L31006-BSD1, Batch: 9L31006)

1,1-Dichloroethene		20.00	1.00	0.427	ug/L	24.4	122	62-135	7	20

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4417 Lancaster Pike
Wilmington, DE 19805

Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by SW846 8260B											
LCS Dup Analyzed: 12/30/09 (Lab Number:9L31006-BSD1, Batch: 9L31006)											
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*93*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*103*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*98*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*116*	*87-121*			
Matrix Spike Analyzed: 12/30/09 (Lab Number:9L31006-MS1, Batch: 9L31006)											
QC Source Sample: ASL0248-01											
1,1-Dichloroethene	ND	10000	500	213	ug/L	11600	116	62-135			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*90*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*109*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*97*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*115*	*87-121*			
Matrix Spike Dup Analyzed: 12/30/09 (Lab Number:9L31006-MSD1, Batch: 9L31006)											
QC Source Sample: ASL0248-01											
1,1-Dichloroethene	ND	10000	500	213	ug/L	11600	116	62-135	0.3	20	
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*95*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*108*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*99*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*116*	*87-121*			

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4417 Lancaster Pike
Wilmington, DE 19805

Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by SW846											
Blank Analyzed: 12/24/09 (Lab Number:9L22005-BLK1, Batch: 9L22005)											
1,4-Dioxane			10.0	0.643	ug/L	ND					
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*76*	*51-130*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*73*	*58-116*			
Surrogate: 2-Fluorophenol					*ug/L*		*81*	*44-114*			
Surrogate: Nitrobenzene-d5					*ug/L*		*83*	*52-114*			
Surrogate: Phenol-d5					*ug/L*		*75*	*45-116*			
Surrogate: Terphenyl-d14					*ug/L*		*85*	*64-126*			
LCS Analyzed: 12/24/09 (Lab Number:9L22005-BS1, Batch: 9L22005)											
1,4-Dioxane		50.00	10.0	0.643	ug/L	47.1	94	29-116			
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*89*	*51-130*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*84*	*58-116*			
Surrogate: 2-Fluorophenol					*ug/L*		*86*	*44-114*			
Surrogate: Nitrobenzene-d5					*ug/L*		*89*	*52-114*			
Surrogate: Phenol-d5					*ug/L*		*86*	*45-116*			
Surrogate: Terphenyl-d14					*ug/L*		*92*	*64-126*			
Matrix Spike Analyzed: 12/24/09 (Lab Number:9L22005-MS1, Batch: 9L22005)											
QC Source Sample: ASL0224-01											
1,4-Dioxane	24.8	48.54	9.71	0.624	ug/L	69.2	92	29-116			
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*84*	*51-130*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*78*	*58-116*			
Surrogate: 2-Fluorophenol					*ug/L*		*80*	*44-114*			
Surrogate: Nitrobenzene-d5					*ug/L*		*83*	*52-114*			
Surrogate: Phenol-d5					*ug/L*		*79*	*45-116*			
Surrogate: Terphenyl-d14					*ug/L*		*86*	*64-126*			
Matrix Spike Dup Analyzed: 12/24/09 (Lab Number:9L22005-MSD1, Batch: 9L22005)											
QC Source Sample: ASL0224-01											
1,4-Dioxane	24.8	49.02	9.80	0.630	ug/L	69.9	92	29-116	1	30	
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*85*	*51-130*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*78*	*58-116*			

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4417 Lancaster Pike
Wilmington, DE 19805

Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by SW846											
Matrix Spike Dup Analyzed: 12/24/09 (Lab Number:9L22005-MSD1, Batch: 9L22005)											
QC Source Sample: ASL0224-01											
Surrogate: 2-Fluorophenol					*ug/L*		*81*	*44-114*			
Surrogate: Nitrobenzene-d5					*ug/L*		*85*	*52-114*			
Surrogate: Phenol-d5					*ug/L*		*81*	*45-116*			
Surrogate: Terphenyl-d14					*ug/L*		*87*	*64-126*			
Acid and Base/Neutral Extractables by SW846											
Blank Analyzed: 12/23/09 (Lab Number:9L22006-BLK1, Batch: 9L22006)											
1,4-Dioxane			10.0	0.643	ug/L	ND					
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*73*	*51-130*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*70*	*58-116*			
Surrogate: 2-Fluorophenol					*ug/L*		*80*	*44-114*			
Surrogate: Nitrobenzene-d5					*ug/L*		*81*	*52-114*			
Surrogate: Phenol-d5					*ug/L*		*78*	*45-116*			
Surrogate: Terphenyl-d14					*ug/L*		*80*	*64-126*			
LCS Analyzed: 12/23/09 (Lab Number:9L22006-BS1, Batch: 9L22006)											
1,4-Dioxane		50.00	10.0	0.643	ug/L	45.9	92	29-116			
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*85*	*51-130*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*81*	*58-116*			
Surrogate: 2-Fluorophenol					*ug/L*		*82*	*44-114*			
Surrogate: Nitrobenzene-d5					*ug/L*		*83*	*52-114*			
Surrogate: Phenol-d5					*ug/L*		*82*	*45-116*			
Surrogate: Terphenyl-d14					*ug/L*		*86*	*64-126*			
Matrix Spike Analyzed: 12/23/09 (Lab Number:9L22006-MS1, Batch: 9L22006)											
QC Source Sample: ASL0224-24											
1,4-Dioxane	20.3	48.54	9.71	0.624	ug/L	62.7	87	29-116			
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*84*	*51-130*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*79*	*58-116*			
Surrogate: 2-Fluorophenol					*ug/L*		*81*	*44-114*			

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4417 Lancaster Pike
Wilmington, DE 19805

Work Order: ASL0224

Project: KEN GW SAMPLING 4Q09
Project Number: KENTEC

Received: 12/18/09
Reported: 01/18/10 15:15

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by SW846											
Matrix Spike Analyzed: 12/23/09 (Lab Number:9L22006-MS1, Batch: 9L22006)											
QC Source Sample: ASL0224-24											
Surrogate: Nitrobenzene-d5					*ug/L*		*82*	*52-114*			
Surrogate: Phenol-d5					*ug/L*		*80*	*45-116*			
Surrogate: Terphenyl-d14					*ug/L*		*83*	*64-126*			
Matrix Spike Dup Analyzed: 12/23/09 (Lab Number:9L22006-MSD1, Batch: 9L22006)											
QC Source Sample: ASL0224-24											
1,4-Dioxane	20.3	48.54	9.71	0.624	ug/L	61.6	85	29-116	2	30	
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*83*	*51-130*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*77*	*58-116*			
Surrogate: 2-Fluorophenol					*ug/L*		*79*	*44-114*			
Surrogate: Nitrobenzene-d5					*ug/L*		*81*	*52-114*			
Surrogate: Phenol-d5					*ug/L*		*80*	*45-116*			
Surrogate: Terphenyl-d14					*ug/L*		*83*	*64-126*			

TestAmerica – Austin Laboratory Chain of Custody Addendum **Work Order Number** ASL0224

RECEIVED BY: BJ CLIENT: EI DUPONT

DATE/TIME RECEIVED: 12-18-09 0850 PROJECT: KEN GW SAMPLING 4Q09

UNPACKED DATE/TIME: 12-18-09 1000 LOGIN BY: BUR LOGIN REVIEWED BY: _____

Number of Shipping Containers Received with COC: 8

VOC AIR / FILTER SAMPLES: ☐ YES **(IF YES, REFER TO SECTIONS 1.0, 2.0, 6.0, & 7.0)**

1.0 CONTAINERS EXAMINED UPON RECEIPT: BJ

Container Sealed: ☑ YES ☐ NO Custody Seal Present: ☑ YES ☐ NO Custody Seal Signed/Dated: ☑ YES ☐ NO

If seal not intact list air bill number of that container(s): _____

2.0 VOC CANISTERS EXAMINED UPON RECEIPT: _____

Canister Valves Closed: ☐ YES ☐ NO Canister Valves Capped: ☐ YES ☐ NO

Sample IDs match COC: ☐ YES ☐ NO Other Equipment Received: ☐ YES ☐ NO

Valve Cap Tightened Properly: ☐ YES ☐ NO Can Size: ☐ 6L ☐ 1L Other: _____

Packing Material Used: (circle) None / Absorbent / Paper / Bubble Wrap

3.0 CONDITION OF BOTTLES/CONTAINERS **VERIFIED BY:** BJ

Sample IDs match COC: ☑ YES ☐ NO Bottles received intact: ☑ YES ☐ NO

See additional discrepancies/comments section: ☐ YES ☑ NO Samples received from USDA restricted area: ☐ YES ☑ NO

Chain-of-Custody form properly maintained: ☑ YES ☐ NO VOA trip blanks included: 4 ☐ N/A ☑ YES ☐ NO

4.0 SAMPLE TEMPERATURE UPON RECEIPT BY: BJ **IR THERMOMETER #:** ☑ P5 ☐ P7

Container(s) temperature: TB = Temp. Blank and/or SC = Sample Container CF = Correction Factor ***[acceptable tolerance ≤6°C]***

TB ☑ SC ☐ Initial 3.1	TB ☑ SC ☐ Initial 4.1	TB ☑ SC ☐ Initial 2.9	TB ☑ SC ☐ Initial 2.8	TB ☑ SC ☐ Initial 3.0	TB ☑ SC ☐ Initial 3.6	TB ☑ SC ☐ Initial 2.9	TB ☑ SC ☐ Initial 4.1
CF -0.6	CF -0.6	CF -0.6	CF -0.6	CF -0.6	CF -0.6	CF -0.6	CF -0.6
Final 2.5	Final 3.5	Final 2.3	Final 2.2	Final 2.4	Final 3.0	Final 2.3	Final 3.5

If temperature is outside acceptable tolerance, Project Manager was notified (_____PM). Date: _____ Time: _____

Samples received do not require cooling _____ OK to analyze samples: ☑ YES ☐ NO

5.0 PRESERVATION CHECKS

PRESERVATION OF SAMPLES REQUIRED: ☐ N/A ☐ YES ☑ VOA Samples **VERIFIED BY:** BJ

NOTE: pH CHECK OF SAMPLES FOR 1664A ANALYSIS CHECKED AT TIME OF ANALYSIS BY BENCH ANALYST
pH CHECK OF VOLATILE SAMPLES PERFORMED AFTER ANALYSIS BY THE BENCH ANALYST.

Base samples are>pH 12: ☐ YES ☐ NO Acid preserved are<pH 2: ☐ YES ☐ NO

Cyanide samples checked for sulfides: ☐ YES ☐ NO

Sulfide samples appear to be preserved with zinc acetate: ☐ YES ☐ NO

Chlorine checked per specification (EPA 335.x & N.C.) ☐ YES ☐ NO Free chlorine present: ☐ YES ☐ NO

If preservation is outside acceptable limit, PM notified (_____PM) Date/Time: _____ ☐ see pH adjustment form

Volatile samples filled completely: ☑ YES ☐ NO (if no, list ID and approximate amt. of headspace in comments section

6.0 SHIPPING DOCUMENTATION:

Air/freight bill is available and attached to COC: ☑ YES ☐ NO Air bill #: _____

Hand-delivered Carrier: _____ Date: _____ Time: _____

7.0 OTHER COMMENTS:

_____

_____

_____

8.0 CORRECTIVE ACTION:

Client's Name: _____ Informed verbally on: _____ By: _____

Client's Name: _____ Informed verbally on: _____ By: _____

Sample(s) processed "as is" comments: _____

Samples(s) on hold until: _____ If released, notify: _____

Project Management Login Review: _____ Date: 12/28/09

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE

Revised 11/9/09

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007036-001
ASL0224

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

38275

TAL-4149 (1007)

Client: DUPONT KINSTON PLANT	Project Manager: HARDER H	Date: 12/10/2009	Page 1 of 11
Address: HIGHWAY 11 NORTH	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: TestAmerica Austin	Analysis
City: KINSTON; State: NC; Zip Code: 28502-0800	Site Contact: HARDER H		
Project Number/Name: KEN/GW SAMP 4Q09	Carrier/Waybill Number:		
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL28376		QUOTE: 45870	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	NS8260LL
KEN-G-MW-1	12/15/09	1545	WATER	40mL	VIAL	4	1:1 HCL	2.5 12/18/09	X
KEN-G-MW-1-MS/MSD	↓	1545	WATER	40mL	VIAL	2	1:1 HCL	Good	X
KEN-G-MW-3	↓	1650	WATER	40mL	VIAL	4	1:1 HCL		X
KEN-G-MW-4A	12/16/09	1000	WATER	40mL	VIAL	4	1:1 HCL		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☑ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Bill Ali	12/16/09	1400	1. Received By: [signature]	12/14/09	1200
2. Relinquished By: [signature]	12/17/09	1800	2. Received By: Bill Ali	12/18/09	0850
3. Relinquished By:			3. Received By:		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007037-001

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

38286

TAL-4149 (1007)

Client	Project Manager	Date
DUPONT KINSTON PLANT	HARDER H	12/10/2009
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin

Page 1 of 8

City	State	Zip Code	Site Contact
KINSTON	NC	28502-0800	HARDER H

Project Number/Name: KEN/GW SAMP 4Q09

Carrier/Waybill Number:

Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL28376 QUOTE: 45870

Analysis: HS8270IL

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	HS8270IL
KEN-G-MW-1	12/15/09	1545	WATER	1L	AMBER	2	None	2.5 12/18/09 B	X
KEN-G-MW-1-MS/MSD	↓	1545	WATER	1L	AMBER	2	None	Good	X
KEN-G-MW-3	↓	1650	WATER	1L	AMBER	2	None		X
KEN-G-MW-4A	12/16/09	1000	WATER	1L	AMBER	2	None		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify):

		Date	Time			Date	Time
1. Relinquished By	Bill [illegible]	12/10/09	1400	1. Received By	[illegible]	12/14/09	1200
2. Relinquished By	[illegible]	12/17/09	1800	2. Received By	Bill [illegible]	12/18/09	0850
3. Relinquished By				3. Received By			

Comments:

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@007036-002

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

38276

TAL-4149 (1007)

Client	Project Manager	Date	
DUPONT KINSTON PLANT	HARDER M	12/10/2009	Page 2 of 11
Address	Telephone Number (Area Code)/Fax Number	Lab Location	Analysis
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin	
City / State / Zip Code	Site Contact		
KINSTON / NC / 28502-0800	HARDER M		
Project Number/Name	Carrier/Waybill Number		
KEN/GW SAMP 4009			

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL28376 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-G-MW-4B	12/16/09	1730	WATER	40mL	VIAL	4	1:1 HCL	2.5 12/18/09 B	X
KEN-G-MW-6		1645	WATER	40mL	VIAL	4	1:1 HCL	B 07D	X
KEN-G-MW-7A		0810	WATER	40mL	VIAL	4	1:1 HCL		X
KEN-G-MW-7A-DUP		0810	WATER	40mL	VIAL	4	1:1 HCL		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Bill [illegible]	12/10/09	1400	1. Received By: [illegible]	12/14/09	1200
2. Relinquished By: [illegible]	12/17/09	1800	2. Received By: Bill [illegible]	12/18/09	0850
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@007037-002

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

3828

TAL-4149 (1007)

Client: DUPONT KINSTON PLANT
Address: HIGHWAY 11 NORTH
City: KINSTON | State: NC | Zip Code: 28502-0800
Project Number/Name: KEN/GW SAMP 4Q09
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL28376

Project Manager: HARDER H
Telephone Number (Area Code)/Fax Number: (000) / (000)
Site Contact: HARDER H
Carrier/Waybill Number:

Date: 12/10/2009
Lab Location: TestAmerica Austin

QUOTE: 45870

Page 2 of 8

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	Analysis: HS8270	Analysis: OIL
KEN-G-MW-4B	12/16/09	1730	WATER	1L	AMBER	2	None	2.5 12/18/09 B GOOD	X	
KEN-G-MW-6	↓	1645	WATER	1L	AMBER	2	None		X	
KEN-G-MW-7A		0810	WATER	1L	AMBER	2	None		X	
KEN-G-MW-7A-DUP		0810	WATER	1L	AMBER	2	None		X	

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify):

	Date	Time
1. Relinquished By	12/10/09	1400
2. Relinquished By	12/17/09	1800
3. Relinquished By		

	Date	Time
1. Received By	12/14/09	1200
2. Received By	12/18/09	085
3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007036-003

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

38277

TAL-4149 (1007)

Client: DUPONT KINSTON PLANT	Project Manager: HARDER M	Date: 12/10/2009	Page 3 of 11
Address: HIGHWAY 11 NORTH	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: TestAmerica Austin	Analysis
City: KINSTON; State: NC; Zip Code: 28502-0800	Site Contact: HARDER M		
Project Number/Name: KEN/GW SAMP 4Q09	Carrier/Waybill Number:		
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL28376		QUOTE: 45870	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-G-MW-7B	12/16/09	0900	WATER	40mL	VIAL	4	1:1 HCL	2.5 12/18/09	X
KEN-G-MW-9	↓	1115	WATER	40mL	VIAL	4	1:1 HCL	Bond	X
KEN-G-MW-10A		1420	WATER	40mL	VIAL	4	1:1 HCL		X
KEN-G-MW-10B		1205	WATER	40mL	VIAL	4	1:1 HCL		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Bill [signature]	12/10/09	1400	1. Received By: [signature]	12/14/09	1200
2. Relinquished By: [signature]	12/17/09	1800	2. Received By: Bill [signature]	12/18/09	0850
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@007037-003

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

38288

TAL-4149 (1007)

Client	Project Manager	Date	
DUPONT KINSTON PLANT	HARDER M	12/10/2009	Page 3 of 8
Address	Telephone Number (Area Code)/Fax Number	Lab Location	Analysis
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin	
City / State / Zip Code	Site Contact		
KINSTON / NC / 28502-0800	HARDER M		
Project Number/Name	Carrier/Waybill Number		
KEN/GW SAMP 4009			

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL28376 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	HS8270IL
KEN-G-MW-7B	12/16/09	0900	WATER	1L	AMBER	2	None	2.5 12/18/09	X
KEN-G-MW-9	↓	1115	WATER	1L	AMBER	2	None	3.0	X
KEN-G-MW-10A		1420	WATER	1L	AMBER	2	None		X
KEN-G-MW-10B		1205	WATER	1L	AMBER	2	None		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

1. Relinquished By	Date 12/10/09	Time 1400	1. Received By	Date 12/14/09	Time 1200
2. Relinquished By	Date 12/17/09	Time 1800	2. Received By	Date 12/18/09	Time 0850
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Stays with the Sample: CANARY - Returned to Client with Report: PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@007036-004

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

38278

TAL-4149 (1007)

Client	Project Manager	Date	Page 4 of 11
DUPONT KINSTON PLANT	HARDER M	12/10/2009	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin	
City / State / Zip Code	**Site Contact**		
KINSTON / NC / 28502-0800	HARDER M		
Project Number/Name	**Carrier/Waybill Number**		
KEN/GW SAMP 4Q09			

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL28376 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-G-MW-11A	12/16/09	1515	WATER	40mL	VIAL	4	1:1 HCL	2.5 12/18/09	X
KEN-G-MW-11B	12/16/09	1600	WATER	40mL	VIAL	4	1:1 HCL	BOD	X
KEN-G-MW-12	12/17/09	0815	WATER	40mL	VIAL	4	1:1 HCL		X
KEN-G-MW-14A	12/17/09	0935	WATER	40mL	VIAL	4	1:1 HCL		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☑ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☑ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

Relinquished By	Date	Time	Received By	Date	Time
1. Bill [signature]	12/10/09	1400	1. [signature]	12/14/09	1200
2. [signature]	12/17/09	1800	2. Bill [signature]	12/18/09	0850
3.			3.		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@007037-004

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

38289

TAL-4149 (1007)

Client	Project Manager	Date	
DUPONT KINSTON PLANT	HARDER H	12/10/2009	Page 4 of 8
Address: HIGHWAY 11 NORTH	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: TestAmerica Austin	Analysis
City: KINSTON; State: NC; Zip Code: 28502-0800	Site Contact: HARDER H		
Project Number/Name: KEN/GW SAMP 4Q09	Carrier/Waybill Number		

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL28376 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8270IL
KEN-G-MW-11A	12/16/09	1515	WATER	1L	AMBER	2	None	31°C/27/12-18-09	X
KEN-G-MW-11B	12/16/09	1600	WATER	1L	AMBER	2	None		X
KEN-G-MW-12	12/17/09	0815	WATER	1L	AMBER	2	None		X
KEN-G-MW-14A	12/17/09	0935	WATER	1L	AMBER	2	None		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	12/10/09 (PM) 12/10/09	1400	1. Received By	12/14/09	1200
2. Relinquished By	12/17/09	1800	2. Received By	12/18/09	0850
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007036-005

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

38279

TAL-4149 (1007)

Client	Project Manager	Date	
DUPONT KINSTON PLANT	HARDER H	12/10/2009	Page 5 of 11
Address: HIGHWAY 11 NORTH	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: TestAmerica Austin	Analysis
City: KINSTON; State: NC; Zip Code: 28502-0800	Site Contact: HARDER H		
Project Number/Name: KEN/GW SAMP 4Q09	Carrier/Waybill Number		

Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL28376 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-G-MW-14B	12/17/09	1015	WATER	40mL	VIAL	4	1:1 HCL	2.5 12/18/09	X
KEN-G-MW-15	12/17/09	1515	WATER	40mL	VIAL	4	1:1 HCL	Good	X
KEN-G-MW-19	12/17/09	1145	WATER	40mL	VIAL	4	1:1 HCL		X
KEN-G-MW-16	12/17/09	1415	WATER	40mL	VIAL	4	1:1 HCL		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	12/10/09	1400	1. Received By	12/14/09	1200
2. Relinquished By	12/17/09	1800	2. Received By	12/18/09	0850
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007037-005

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

3829

TAL-4149 (1007)

Client: DUPONT KINSTON PLANT
Address: HIGHWAY 11 NORTH
City: KINSTON | State: NC | Zip Code: 28502-0800
Project Number/Name: KEN/GW SAMP 4Q09
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL28376 QUOTE: 45870

Project Manager: HARDER M
Telephone Number (Area Code)/Fax Number: (000) / (000)
Site Contact: HARDER M
Carrier/Waybill Number:

Date: 12/10/2009
Lab Location: TestAmerica Austin

Page 5 of 8

Analysis: MS8270 | L

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8270	L
KEN-G-MW-14B	12/17/09	1015	WATER	1L	AMBER	2	None	2.5 12/18/09	X	
KEN-G-MW-15	12/17/09	1515	WATER	1L	AMBER	2	None	GOOD	X	
KEN-G-MW-19	12/17/09	1145	WATER	1L	AMBER	2	None		X	
KEN-G-MW-16	12/17/09	1415	WATER	1L	AMBER	2	None		X	

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

		Date	Time
1. Relinquished By	Bill Gilmore	12/10/09	1400
2. Relinquished By	[signature]	12/17/09	1800
3. Relinquished By			

		Date	Time
1. Received By	[signature]	12/14/09	1200
2. Received By	Bill Gilmore	12/18/09	0850
3. Received By			

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007036-006

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

38280

TAL-4149 (1007)

Client	Project Manager	Date	
DUPONT KINSTON PLANT	HARDER H	12/10/2009	Page 6 of 11
Address	Telephone Number (Area Code)/Fax Number	Lab Location	Analysis
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin	
City / State / Zip Code	Site Contact		
KINSTON / NC / 28502-0800	HARDER H		
Project Number/Name	Carrier/Waybill Number		
KEN/GW SAMP 4Q09			

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL28376 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	HS8260LL
KEN-K-EQBLK-GW1	12/17/09	1545	WATER	40mL	VIAL	2	1:1 HCL	2.5 12/18/09 GOOD	X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Bill Jack	12/17/09	1400	1. Received By: [signature]	12/14/09	1200
2. Relinquished By: [signature]	12/17/09	1800	2. Received By: Bill Jack	12/18/09	0850
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007037-006

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

38291

TAL-4149 (1007)

Client	Project Manager	Date	Page 6 of 8
DUPONT KINSTON PLANT	HARDER M	12/10/2009	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin	
City / State / Zip Code	**Site Contact**		
KINSTON / NC / 28502-0800	HARDER M		
Project Number/Name	**Carrier/Waybill Number**		
KEN/GW SAMP 4Q09			

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL28376 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8270IL
KEN-K-EQBLK-GW1	12/17/09	1545	WATER	1L	AMBER	1	None	2.5 12/18/09 BY GOOD	X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other _____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Bill Gale	12/10/09	1400	1. Received By: [signature]	12/14/09	1200
2. Relinquished By: [signature]	12/17/09	1800	2. Received By: Bill Gale	12/18/09	0850
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007036-007

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

38281

TAL-4149 (1007)

Client: DUPONT KINSTON PLANT	Project Manager: HARDER H	Date: 12/10/2009	Page 7 of 11
Address: HIGHWAY 11 NORTH	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: TestAmerica Austin	Analysis
City: KINSTON; State: NC; Zip Code: 28502-0800	Site Contact: HARDER H		
Project Number/Name: KEN/GW SAMP 4Q09	Carrier/Waybill Number:		
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL28376		QUOTE: 45870	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-K-TBLK-GW1			WATER	40mL	VIAL	2	1:1 HCL	2.5 12/18/09 GOOD	X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Bill	12/10/09	1400	1. Received By:	12/14/09	1200
2. Relinquished By:	12/17/09	1800	2. Received By: Bill	12/18/09	0850
3. Relinquished By:			3. Received By:		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007036-010

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

38284

TAL-4149 (1007)

Client	Project Manager	Date
DUPONT KINSTON PLANT	HARDER M	12/10/2009
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin

Page 10 of 11

City	State	Zip Code	Site Contact
KINSTON	NC	28502-0800	HARDER M

Project Number/Name: KEN/GW SAMP 4Q09

Carrier/Waybill Number:

Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL28376 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	Analysis: MS8260LL
KEN-W-SW-9	12/17/09	0730	WATER	40mL	VIAL	4	1:1 HCL	2.5 12/18/09 Good	X
KEN-W-SW-9-DUP	↓	0730	WATER	40mL	VIAL	4	1:1 HCL		X
KEN-W-SW-11		0900	WATER	40mL	VIAL	4	1:1 HCL		X
KEN-W-SW-11-MS/MSD		0900	WATER	40mL	VIAL	2	1:1 HCL		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	12/10/09	1400	1. Received By	12/14/09	1200
2. Relinquished By	12/17/09	1800	2. Received By	12/18/09	0850
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@007037-007

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

38292

TAL-4149 (1007)

Client	Project Manager	Date	Page 7 of 8
DUPONT KINSTON PLANT	HARDER H	12/10/2009	
Address	Telephone Number (Area Code)/Fax Number	Lab Location	Analysis
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin	
City / State / Zip Code	Site Contact		
KINSTON / NC / 28502-0800	HARDER H		
Project Number/Name	Carrier/Waybill Number		
KEN/GW SAMP 4Q09			

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL28376 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	HS8270IL
KEN-W-SW-9	12/17/09	0730	WATER	1L	AMBER	2	None	2.0° IAT 12-18-09	X
KEN-W-SW-9-DUP	↓	0730	WATER	1L	AMBER	2	None		X
KEN-W-SW-11		0900	WATER	1L	AMBER	2	None		X
KEN-W-SW-11-MS/MSD		0900	WATER	1L	AMBER	2	None		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	12/10/09	1400	1. Received By	12/14/09	1200
2. Relinquished By	12/17/09	1800	2. Received By	12/18/09	0850
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@007036-011

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

38285

TAL-4149 (1007)

Client	Project Manager	Date	Page 11 of 11
DUPONT KINSTON PLANT	HARDER M	12/10/2009	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin	

City	State	Zip Code	Site Contact
KINSTON	NC	28502-0800	HARDER M

Project Number/Name: KEN/GW SAMP 4Q09

Carrier/Waybill Number:

Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL28376 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-W-SW-24	12/17/09	1050	WATER	40mL	VIAL	4	1:1 HCL	2.5 12/18/09	X
KEN-W-SW-29	↓	1100	WATER	40mL	VIAL	4	1:1 HCL	Cont	X
KEN-K-EQBLK-SW		1200	WATER	40mL	VIAL	2	1:1 HCL		X
KEN-K-TBLK-SW			WATER	40mL	VIAL	2	1:1 HCL		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☒ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By	12/10/09	1400	1. Received By	12/14/09	1200
2. Relinquished By	12/17/09	1800	2. Received By	12/18/09	0850
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007037-008

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

38293

TAL-4149 (1007)

Client	Project Manager	Date	Page 8 of 8
DUPONT KINSTON PLANT	HARDER M	12/10/2009	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
HIGHWAY 11 NORTH	(000) / (000)	TestAmerica Austin	

City	State	Zip Code	Site Contact
KINSTON	NC	28502-0800	HARDER M

Project Number/Name: KEN/GW SAMP 4Q09

Carrier/Waybill Number:

Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL28376 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	NS8270IL
KEN-W-SW-24	12/17/09	1050	WATER	1L	AMBER	2	None	2.5 12/18/09 BJ (0021)	X
KEN-W-SW-29	↓	1100	WATER	1L	AMBER	2	None		X
KEN-K-EQBLK-SW		1200	WATER	1L	AMBER	1	None		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

		Date	Time			Date	Time
1. Relinquished By	Bill [signature]	12/10/09	1400	1. Received By	[signature]	12/14/09	1200
2. Relinquished By	[signature]	12/17/09	1800	2. Received By	Bill [signature]	12/18/09	0850
3. Relinquished By				3. Received By			

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Memorandum

DATE: October 26, 2011

TO: Marc Harder - Parsons

FROM: Kelly Rinehimer – URS Corporation

RE: Analytical Data for Kentec

Enclosed please find the report for the GW Sampling 2011 project.

Please call with questions.

Thanks
Kelly

ADQM FINAL DATA REPORT
NARRATIVE

Site **KEN**

Project **GW SAMPLING 2011**

Sampling Dates **September 12-14, 2011**

Laboratory **TestAmerica Laboratories, Inc.**
Austin, TX

Analytical Protocol

Parameter(s)	Analytical Method
1,1-Dichloroethene	SW846 Method 8260B
1,4-Dioxane	SW846 Method 8270D

Sample Arrival & Receipt

The samples collected for this project arrived at TestAmerica in good condition and properly preserved with the following exceptions:

- TestAmerica received both vials for trip blank sample, KEN-K-TBLK-SW1, with headspace.
- Field personnel did not record the date and time of collection of sample KEN-K-TBLK-SW1 on the bottle labels. Laboratory personnel logged the sample date and time as per the date and time recorded on the TestAmerica Chain-of-Custody (COC) 54367.
- Field personnel did not always date and initial next to crossed-out items on the TestAmerica COCs.

Data Review

The electronic data has been run through the automated DuPont Data Review (DDR) process. Overall the data is acceptable for use without qualification. However, some of the data are qualified "J" since the results fall between the method detection limit and practical quantitation limit.

Two sets of field duplicates were collected for this project. Sample KEN-G-MW-7A and its field duplicate, KEN-G-MW-7A-DUP and sample KEN-W-SW-9 and its field duplicate, KEN-W-SW-9-DUP were collected and analyzed for 1,1-Dichloroethene and 1,4-Dioxane. Acceptable precision (RPD<30%) was observed between each field duplicate pair.

Since TestAmerica received both vials for trip blank sample, KEN-K-TBLK-SW1, with headspace; the results were not used to assess trip blank contamination.

Kelly A. Rinehimer
10/25/11

DuPont In-House Review (DDR)

The DDR is an automated internal review process used by the ADQM group to determine if the data is usable. The data is run through this automated program where a series of checks are performed on the data. The data is evaluated against hold time criteria, checked for blank contamination, assessed against matrix spike(MS)/matrix spike duplicate (MSD) recoveries, assessed against relative percent differences (RPDs) between these samples, assessed against laboratory control sample(LCS)/control sample duplicate (LCSD) recoveries, assessed against RPDs between these samples, assessed against RPDs between laboratory replicates, and assessed against surrogate spike recoveries. The DDR applies the following data qualifiers to analysis results, as warranted:

Qualifier	**Definition**
B	Not detected substantially above the level reported in the laboratory or field blanks.
R	Unusable result. Analyte may or may not be present in the sample.
J	Analyte present. Reported value may not be accurate or precise.
UJ	Not detected. Reporting limit may not be accurate or precise.

GW SAMPLING 2011

DuPont Kentec

October 26, 2011

Prepared for

Marc Harder - Parsons

Prepared by

Kelly Rinehimer - URS Corporation

Corporate Environmental Database
DDR Narrative Report

Site: KEN - KENTEC
Project: GW SAMPLING 2011
Reporting Limit: MDL
DDR Standards LABSTATS

10/25/2011 22:50:00

The reported result is greater than/equal to the MDL and less than the PQL; it should be considered an estimated value.

Sample ID	Date Sampled	Lab ID	Analyte	Result	Units	MDL	PQL	Qual	Analytical Methods		
									Analysis	Preprep-	Prep-
KEN-G-MW-10A	9/14/2011	AUI013407-1 FS	1,4-DIOXANE	8.98	UG/L	0.344	9.62	J	8270D		3520C
KEN-G-MW-10B	9/14/2011	AUI013408-1 FS	1,4-DIOXANE	3.45	UG/L	0.344	9.62	J	8270D		3520C
KEN-G-MW-11A	9/14/2011	AUI013409-1 FS	1,4-DIOXANE	1.55	UG/L	0.344	9.62	J	8270D		3520C
KEN-G-MW-14A	9/13/2011	AUI010605-1 FS	1,4-DIOXANE	5.07	UG/L	0.344	9.62	J	8270D		3520C
KEN-G-MW-15	9/13/2011	AUI012405-1 FS	1,1-DICHLOROETHENE	0.619	UG/L	0.427	1.00	J	8260B		5030B
KEN-G-MW-16	9/13/2011	AUI010603-1 FS	1,4-DIOXANE	0.854	UG/L	0.344	9.62	J	8270D		3520C
KEN-G-MW-4A	9/13/2011	AUI012403-1 FS	1,1-DICHLOROETHENE	0.965	UG/L	0.427	1.00	J	8260B		5030B
KEN-W-SW-24	9/12/2011	AUI008605-1 FS	1,1-DICHLOROETHENE	0.577	UG/L	0.427	1.00	J	8260B		5030B

Corporate Environmental Database
Summary of Positive Results
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 2011
Reporting Limit: MDL

10/25/2011 22:55:00

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Detection Limit MDL	Detection Limit PQL	Analytical Methods Analysis	Analytical Methods Preprep-	Analytical Methods Prep-
Sampling Point: MW-1		Sampleno:		KEN-G-MW-1					
Date sampled: Sep 13, 2011		Sample type:		Groundwater					
1,4-DIOXANE	15.3			UG/L	0.344	9.62	8270D		3520C
Sampling Point: MW-6		Sampleno:		KEN-G-MW-6					
Date sampled: Sep 14, 2011		Sample type:		Groundwater					
1,4-DIOXANE	180			UG/L	1.72	48.1	8270D		3520C
Sampling Point: SW-9		Sampleno:		KEN-W-SW-9					
Date sampled: Sep 12, 2011		Sample type:		Surface Water					
1,4-DIOXANE	28.8			UG/L	0.344	9.62	8270D		3520C
Sampling Point: SW-9		Sampleno:		KEN-W-SW-9-DUP					
Date sampled: Sep 12, 2011		Sample type:		Surface Water					
1,4-DIOXANE	32.1			UG/L	0.688	19.2	8270D		3520C
Sampling Point: MW-16		Sampleno:		KEN-G-MW-16					
Date sampled: Sep 13, 2011		Sample type:		Groundwater					
1,4-DIOXANE	0.854	J	J	UG/L	0.344	9.62	8270D		3520C
Sampling Point: MW-19		Sampleno:		KEN-G-MW-19					
Date sampled: Sep 13, 2011		Sample type:		Groundwater					
1,4-DIOXANE	223			UG/L	3.44	96.2	8270D		3520C
Sampling Point: MW-7A		Sampleno:		KEN-G-MW-7A					
Date sampled: Sep 14, 2011		Sample type:		Groundwater					
1,4-DIOXANE	10.9			UG/L	0.344	9.62	8270D		3520C
Sampling Point: MW-7A		Sampleno:		KEN-G-MW-7A-DUP					
Date sampled: Sep 14, 2011		Sample type:		Groundwater					
1,4-DIOXANE	13.0			UG/L	0.344	9.62	8270D		3520C
Sampling Point: SW-11		Sampleno:		KEN-W-SW-11					
Date sampled: Sep 12, 2011		Sample type:		Surface Water					
1,4-DIOXANE	16.2			UG/L	0.344	9.62	8270D		3520C
Sampling Point: SW-29		Sampleno:		KEN-W-SW-29					
Date sampled: Sep 12, 2011		Sample type:		Surface Water					
1,4-DIOXANE	39.5			UG/L	0.688	19.2	8270D		3520C

Corporate Environmental Database
Summary of Positive Results
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 2011
Reporting Limit: MDL

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Detection Limit MDL	Detection Limit PQL	Analytical Methods Analysis	Analytical Methods Preprep-	Analytical Methods Prep-
Sampling Point: MW-10B		Sampleno:		KEN-G-MW-10B					
Date sampled: Sep 14, 2011		Sample type:		Groundwater					
1,4-DIOXANE	3.45	J	J	UG/L	0.344	9.62	8270D		3520C
Sampling Point: MW-11A		Sampleno:		KEN-G-MW-11A					
Date sampled: Sep 14, 2011		Sample type:		Groundwater					
1,4-DIOXANE	1.55	J	J	UG/L	0.344	9.62	8270D		3520C
Sampling Point: MW-14A		Sampleno:		KEN-G-MW-14A					
Date sampled: Sep 13, 2011		Sample type:		Groundwater					
1,4-DIOXANE	5.07	J	J	UG/L	0.344	9.62	8270D		3520C
Sampling Point: MW-3		Sampleno:		KEN-G-MW-3					
Date sampled: Sep 13, 2011		Sample type:		Groundwater					
1,4-DIOXANE	16.0			UG/L	0.344	9.62	8270D		3520C
1,1-DICHLOROETHENE	2.58			UG/L	0.427	1.00	8260B		5030B
Sampling Point: MW-15		Sampleno:		KEN-G-MW-15					
Date sampled: Sep 13, 2011		Sample type:		Groundwater					
1,4-DIOXANE	15.8			UG/L	0.344	9.62	8270D		3520C
1,1-DICHLOROETHENE	0.619	J	J	UG/L	0.427	1.00	8260B		5030B
Sampling Point: MW-4A		Sampleno:		KEN-G-MW-4A					
Date sampled: Sep 13, 2011		Sample type:		Groundwater					
1,4-DIOXANE	288			UG/L	6.88	192	8270D		3520C
1,1-DICHLOROETHENE	0.965	J	J	UG/L	0.427	1.00	8260B		5030B
Sampling Point: SW-24		Sampleno:		KEN-W-SW-24					
Date sampled: Sep 12, 2011		Sample type:		Surface Water					
1,4-DIOXANE	60.2			UG/L	1.72	48.1	8270D		3520C
1,1-DICHLOROETHENE	0.577	J	J	UG/L	0.427	1.00	8260B		5030B
Sampling Point: MW-10A		Sampleno:		KEN-G-MW-10A					
Date sampled: Sep 14, 2011		Sample type:		Groundwater					
1,4-DIOXANE	8.98	J	J	UG/L	0.344	9.62	8270D		3520C
1,1-DICHLOROETHENE	5.87			UG/L	0.427	1.00	8260B		5030B

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 2011
Reporting Limit: MDL

Location: EQBLK-SW
Date Sampled: 9/12/2011 16:30:00
Lab Sample ID: AUI008607-1 EB
Field Sample ID: KEN-K-EQBLK-SW
Sample Type: Blank Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	09/16/11	8260B	5030B	
1,4-DIOXANE	< 0.344			UG/L	1	9.62	0.344	09/20/11	8270D	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	91 RPR			UG/L	1			09/16/11	8260B	5030B	
4-BROMOFLUOROBENZENE	108 RPR			UG/L	1			09/16/11	8260B	5030B	
DIBROMOFLUOROMETHANE	107 RPR			UG/L	1			09/16/11	8260B	5030B	
TOLUENE-D8	104 RPR			UG/L	1			09/16/11	8260B	5030B	
2,4,6-TRIBROMOPHENOL	115 RPR			UG/L	1			09/20/11	8270D	3520C	
2-FLUOROBIPHENYL	95 RPR			UG/L	1			09/20/11	8270D	3520C	
2-FLUOROPHENOL	102 RPR			UG/L	1			09/20/11	8270D	3520C	
NITROBENZENE-D5	110 RPR			UG/L	1			09/20/11	8270D	3520C	
PHENOL-D5	102 RPR			UG/L	1			09/20/11	8270D	3520C	
TERPHENYL-D14	132 RPR			UG/L	1			09/20/11	8270D	3520C	

Location: SW-9
Date Sampled: 9/12/2011 13:45:00
Lab Sample ID: AUI008601-1 FS
Field Sample ID: KEN-W-SW-9
Sample Type: Surface Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	09/16/11	8260B	5030B	
1,4-DIOXANE	28.8			UG/L	1	9.62	0.344	09/20/11	8270D	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	91 RPR			UG/L	1			09/16/11	8260B	5030B	
4-BROMOFLUOROBENZENE	110 RPR			UG/L	1			09/16/11	8260B	5030B	
DIBROMOFLUOROMETHANE	107 RPR			UG/L	1			09/16/11	8260B	5030B	
TOLUENE-D8	106 RPR			UG/L	1			09/16/11	8260B	5030B	
2,4,6-TRIBROMOPHENOL	109 RPR			UG/L	1			09/20/11	8270D	3520C	
2-FLUOROBIPHENYL	93 RPR			UG/L	1			09/20/11	8270D	3520C	
2-FLUOROPHENOL	92 RPR			UG/L	1			09/20/11	8270D	3520C	
NITROBENZENE-D5	100 RPR			UG/L	1			09/20/11	8270D	3520C	
PHENOL-D5	92 RPR			UG/L	1			09/20/11	8270D	3520C	
TERPHENYL-D14	110 RPR			UG/L	1			09/20/11	8270D	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 2011
Reporting Limit: MDL

Location: SW-9
Date Sampled: 9/12/2011 13:45:00
Lab Sample ID: AUI008602-1 FS
Field Sample ID: KEN-W-SW-9-DUP
Sample Type: Surface Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	09/16/11	8260B	5030B	
1,4-DIOXANE	32.1			UG/L	2	19.2	0.688	09/21/11	8270D	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	91 RPR			UG/L	1			09/16/11	8260B	5030B	
4-BROMOFLUOROBENZENE	109 RPR			UG/L	1			09/16/11	8260B	5030B	
DIBROMOFLUOROMETHANE	106 RPR			UG/L	1			09/16/11	8260B	5030B	
TOLUENE-D8	103 RPR			UG/L	1			09/16/11	8260B	5030B	
2,4,6-TRIBROMOPHENOL	98 RPR			UG/L	2			09/21/11	8270D	3520C	
2-FLUOROBIPHENYL	98 RPR			UG/L	2			09/21/11	8270D	3520C	
2-FLUOROPHENOL	96 RPR			UG/L	2			09/21/11	8270D	3520C	
NITROBENZENE-D5	108 RPR			UG/L	2			09/21/11	8270D	3520C	
PHENOL-D5	98 RPR			UG/L	2			09/21/11	8270D	3520C	
TERPHENYL-D14	124 RPR			UG/L	2			09/21/11	8270D	3520C	

Location: SW-11
Date Sampled: 9/12/2011 14:20:00
Lab Sample ID: AUI008604-1 FS
Field Sample ID: KEN-W-SW-11
Sample Type: Surface Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	09/16/11	8260B	5030B	
1,4-DIOXANE	16.2			UG/L	1	9.62	0.344	09/20/11	8270D	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	91 RPR			UG/L	1			09/16/11	8260B	5030B	
4-BROMOFLUOROBENZENE	113 RPR			UG/L	1			09/16/11	8260B	5030B	
DIBROMOFLUOROMETHANE	106 RPR			UG/L	1			09/16/11	8260B	5030B	
TOLUENE-D8	104 RPR			UG/L	1			09/16/11	8260B	5030B	
2,4,6-TRIBROMOPHENOL	101 RPR			UG/L	1			09/20/11	8270D	3520C	
2-FLUOROBIPHENYL	88 RPR			UG/L	1			09/20/11	8270D	3520C	
2-FLUOROPHENOL	91 RPR			UG/L	1			09/20/11	8270D	3520C	
NITROBENZENE-D5	98 RPR			UG/L	1			09/20/11	8270D	3520C	
PHENOL-D5	90 RPR			UG/L	1			09/20/11	8270D	3520C	
TERPHENYL-D14	102 RPR			UG/L	1			09/20/11	8270D	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 2011
Reporting Limit: MDL

Location: SW-24
Date Sampled: 9/12/2011 15:30:00
Lab Sample ID: AUI008605-1 FS
Field Sample ID: KEN-W-SW-24
Sample Type: Surface Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	0.577	J	J	UG/L	1	1.00	0.427	09/16/11	8260B	5030B	
1,4-DIOXANE	60.2			UG/L	5	48.1	1.72	09/21/11	8270D	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	90 RPR			UG/L	1			09/16/11	8260B	5030B	
4-BROMOFLUOROBENZENE	113 RPR			UG/L	1			09/16/11	8260B	5030B	
DIBROMOFLUOROMETHANE	106 RPR			UG/L	1			09/16/11	8260B	5030B	
TOLUENE-D8	104 RPR			UG/L	1			09/16/11	8260B	5030B	
2,4,6-TRIBROMOPHENOL	75 RPR			UG/L	5			09/21/11	8270D	3520C	
2-FLUOROBIPHENYL	82 RPR			UG/L	5			09/21/11	8270D	3520C	
2-FLUOROPHENOL	87 RPR			UG/L	5			09/21/11	8270D	3520C	
NITROBENZENE-D5	92 RPR			UG/L	5			09/21/11	8270D	3520C	
PHENOL-D5	84 RPR			UG/L	5			09/21/11	8270D	3520C	
TERPHENYL-D14	108 RPR			UG/L	5			09/21/11	8270D	3520C	

Location: SW-29
Date Sampled: 9/12/2011 16:00:00
Lab Sample ID: AUI008606-1 FS
Field Sample ID: KEN-W-SW-29
Sample Type: Surface Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	09/16/11	8260B	5030B	
1,4-DIOXANE	39.5			UG/L	2	19.2	0.688	09/21/11	8270D	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	89 RPR			UG/L	1			09/16/11	8260B	5030B	
4-BROMOFLUOROBENZENE	114 RPR			UG/L	1			09/16/11	8260B	5030B	
DIBROMOFLUOROMETHANE	105 RPR			UG/L	1			09/16/11	8260B	5030B	
TOLUENE-D8	102 RPR			UG/L	1			09/16/11	8260B	5030B	
2,4,6-TRIBROMOPHENOL	100 RPR			UG/L	2			09/21/11	8270D	3520C	
2-FLUOROBIPHENYL	86 RPR			UG/L	2			09/21/11	8270D	3520C	
2-FLUOROPHENOL	98 RPR			UG/L	2			09/21/11	8270D	3520C	
NITROBENZENE-D5	107 RPR			UG/L	2			09/21/11	8270D	3520C	
PHENOL-D5	96 RPR			UG/L	2			09/21/11	8270D	3520C	
TERPHENYL-D14	120 RPR			UG/L	2			09/21/11	8270D	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 2011
Reporting Limit: MDL

Location: TBLK-SW1
Date Sampled: 9/12/2011 16:45:00
Lab Sample ID: AUI008608-1 TB

Field Sample ID: KEN-K-TBLK-SW1
Sample Type: Blank Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	09/16/11	8260B	5030B	
Surrogates											
1,2-DICHLOROETHANE-D4	93 RPR			UG/L	1			09/16/11	8260B	5030B	
4-BROMOFLUOROBENZENE	108 RPR			UG/L	1			09/16/11	8260B	5030B	
DIBROMOFLUOROMETHANE	107 RPR			UG/L	1			09/16/11	8260B	5030B	
TOLUENE-D8	105 RPR			UG/L	1			09/16/11	8260B	5030B	

Location: MW-14B
Date Sampled: 9/13/2011 15:15:00
Lab Sample ID: AUI010601-1 FS

Field Sample ID: KEN-G-MW-14B
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,4-DIOXANE	< 0.344			UG/L	1	9.62	0.344	09/20/11	8270D	3520C	
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	09/16/11	8260B	5030B	
Surrogates											
2,4,6-TRIBROMOPHENOL	99 RPR			UG/L	1			09/20/11	8270D	3520C	
2-FLUOROBIPHENYL	78 RPR			UG/L	1			09/20/11	8270D	3520C	
2-FLUOROPHENOL	96 RPR			UG/L	1			09/20/11	8270D	3520C	
NITROBENZENE-D5	97 RPR			UG/L	1			09/20/11	8270D	3520C	
PHENOL-D5	94 RPR			UG/L	1			09/20/11	8270D	3520C	
TERPHENYL-D14	112 RPR			UG/L	1			09/20/11	8270D	3520C	
1,2-DICHLOROETHANE-D4	93 RPR			UG/L	1			09/16/11	8260B	5030B	
4-BROMOFLUOROBENZENE	109 RPR			UG/L	1			09/16/11	8260B	5030B	
DIBROMOFLUOROMETHANE	109 RPR			UG/L	1			09/16/11	8260B	5030B	
TOLUENE-D8	105 RPR			UG/L	1			09/16/11	8260B	5030B	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 2011
Reporting Limit: MDL

Location: MW-15
Date Sampled: 9/13/2011 14:25:00
Lab Sample ID: AUI010602-1 FS
Field Sample ID: KEN-G-MW-15
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,4-DIOXANE	15.8			UG/L	1	9.62	0.344	09/20/11	8270D	3520C	
1,1-DICHLOROETHENE	0.619	J	J	UG/L	1	1.00	0.427	09/16/11	8260B	5030B	
Surrogates											
2,4,6-TRIBROMOPHENOL	108 RPR			UG/L	1			09/20/11	8270D	3520C	
2-FLUOROBIPHENYL	82 RPR			UG/L	1			09/20/11	8270D	3520C	
2-FLUOROPHENOL	88 RPR			UG/L	1			09/20/11	8270D	3520C	
NITROBENZENE-D5	95 RPR			UG/L	1			09/20/11	8270D	3520C	
PHENOL-D5	92 RPR			UG/L	1			09/20/11	8270D	3520C	
TERPHENYL-D14	121 RPR			UG/L	1			09/20/11	8270D	3520C	
1,2-DICHLOROETHANE-D4	94 RPR			UG/L	1			09/16/11	8260B	5030B	
4-BROMOFLUOROBENZENE	109 RPR			UG/L	1			09/16/11	8260B	5030B	
DIBROMOFLUOROMETHANE	106 RPR			UG/L	1			09/16/11	8260B	5030B	
TOLUENE-D8	104 RPR			UG/L	1			09/16/11	8260B	5030B	

Location: MW-16
Date Sampled: 9/13/2011 11:25:00
Lab Sample ID: AUI010603-1 FS
Field Sample ID: KEN-G-MW-16
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,4-DIOXANE	0.854	J	J	UG/L	1	9.62	0.344	09/20/11	8270D	3520C	
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	09/19/11	8260B	5030B	
Surrogates											
2,4,6-TRIBROMOPHENOL	105 RPR			UG/L	1			09/20/11	8270D	3520C	
2-FLUOROBIPHENYL	80 RPR			UG/L	1			09/20/11	8270D	3520C	
2-FLUOROPHENOL	91 RPR			UG/L	1			09/20/11	8270D	3520C	
NITROBENZENE-D5	100 RPR			UG/L	1			09/20/11	8270D	3520C	
PHENOL-D5	95 RPR			UG/L	1			09/20/11	8270D	3520C	
TERPHENYL-D14	118 RPR			UG/L	1			09/20/11	8270D	3520C	
1,2-DICHLOROETHANE-D4	89 RPR			UG/L	1			09/19/11	8260B	5030B	
4-BROMOFLUOROBENZENE	109 RPR			UG/L	1			09/19/11	8260B	5030B	
DIBROMOFLUOROMETHANE	108 RPR			UG/L	1			09/19/11	8260B	5030B	
TOLUENE-D8	105 RPR			UG/L	1			09/19/11	8260B	5030B	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 2011
Reporting Limit: MDL

Location: MW-19
Date Sampled: 9/13/2011 13:35:00
Lab Sample ID: AUI010604-DL FS

Field Sample ID: KEN-G-MW-19
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,4-DIOXANE	223			UG/L	10	96.2	3.44	09/21/11	8270D	3520C	
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	09/19/11	8260B	5030B	
Surrogates											
2,4,6-TRIBROMOPHENOL	NC RPR	NC2		UG/L	10			09/21/11	8270D	3520C	
2-FLUOROBIPHENYL	80 RPR			UG/L	10			09/21/11	8270D	3520C	
2-FLUOROPHENOL	76 RPR			UG/L	10			09/21/11	8270D	3520C	
NITROBENZENE-D5	84 RPR			UG/L	10			09/21/11	8270D	3520C	
PHENOL-D5	74 RPR			UG/L	10			09/21/11	8270D	3520C	
TERPHENYL-D14	99 RPR			UG/L	10			09/21/11	8270D	3520C	
1,2-DICHLOROETHANE-D4	88 RPR			UG/L	1			09/19/11	8260B	5030B	
4-BROMOFLUOROBENZENE	110 RPR			UG/L	1			09/19/11	8260B	5030B	
DIBROMOFLUOROMETHANE	107 RPR			UG/L	1			09/19/11	8260B	5030B	
TOLUENE-D8	105 RPR			UG/L	1			09/19/11	8260B	5030B	

Location: MW-14A
Date Sampled: 9/13/2011 16:10:00
Lab Sample ID: AUI010605-1 FS

Field Sample ID: KEN-G-MW-14A
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,4-DIOXANE	5.07	J	J	UG/L	1	9.62	0.344	09/20/11	8270D	3520C	
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	09/19/11	8260B	5030B	
Surrogates											
2,4,6-TRIBROMOPHENOL	102 RPR			UG/L	1			09/20/11	8270D	3520C	
2-FLUOROBIPHENYL	78 RPR			UG/L	1			09/20/11	8270D	3520C	
2-FLUOROPHENOL	91 RPR			UG/L	1			09/20/11	8270D	3520C	
NITROBENZENE-D5	96 RPR			UG/L	1			09/20/11	8270D	3520C	
PHENOL-D5	92 RPR			UG/L	1			09/20/11	8270D	3520C	
TERPHENYL-D14	117 RPR			UG/L	1			09/20/11	8270D	3520C	
1,2-DICHLOROETHANE-D4	90 RPR			UG/L	1			09/19/11	8260B	5030B	
4-BROMOFLUOROBENZENE	111 RPR			UG/L	1			09/19/11	8260B	5030B	
DIBROMOFLUOROMETHANE	107 RPR			UG/L	1			09/19/11	8260B	5030B	
TOLUENE-D8	103 RPR			UG/L	1			09/19/11	8260B	5030B	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 2011
Reporting Limit: MDL

Location: MW-1
Date Sampled: 9/13/2011 09:10:00
Lab Sample ID: AUI012401-1 FS
Field Sample ID: KEN-G-MW-1
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	09/16/11	8260B	5030B	
1,4-DIOXANE	15.3			UG/L	1	9.62	0.344	09/20/11	8270D	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	91 RPR			UG/L	1			09/16/11	8260B	5030B	
4-BROMOFLUOROBENZENE	110 RPR			UG/L	1			09/16/11	8260B	5030B	
DIBROMOFLUOROMETHANE	103 RPR			UG/L	1			09/16/11	8260B	5030B	
TOLUENE-D8	101 RPR			UG/L	1			09/16/11	8260B	5030B	
2,4,6-TRIBROMOPHENOL	98 RPR			UG/L	1			09/20/11	8270D	3520C	
2-FLUOROBIPHENYL	64 RPR			UG/L	1			09/20/11	8270D	3520C	
2-FLUOROPHENOL	84 RPR			UG/L	1			09/20/11	8270D	3520C	
NITROBENZENE-D5	94 RPR			UG/L	1			09/20/11	8270D	3520C	
PHENOL-D5	88 RPR			UG/L	1			09/20/11	8270D	3520C	
TERPHENYL-D14	109 RPR			UG/L	1			09/20/11	8270D	3520C	

Location: MW-3
Date Sampled: 9/13/2011 10:10:00
Lab Sample ID: AUI012402-1 FS
Field Sample ID: KEN-G-MW-3
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	2.58			UG/L	1	1.00	0.427	09/16/11	8260B	5030B	
1,4-DIOXANE	16.0			UG/L	1	9.62	0.344	09/20/11	8270D	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	92 RPR			UG/L	1			09/16/11	8260B	5030B	
4-BROMOFLUOROBENZENE	111 RPR			UG/L	1			09/16/11	8260B	5030B	
DIBROMOFLUOROMETHANE	107 RPR			UG/L	1			09/16/11	8260B	5030B	
TOLUENE-D8	104 RPR			UG/L	1			09/16/11	8260B	5030B	
2,4,6-TRIBROMOPHENOL	106 RPR			UG/L	1			09/20/11	8270D	3520C	
2-FLUOROBIPHENYL	74 RPR			UG/L	1			09/20/11	8270D	3520C	
2-FLUOROPHENOL	90 RPR			UG/L	1			09/20/11	8270D	3520C	
NITROBENZENE-D5	96 RPR			UG/L	1			09/20/11	8270D	3520C	
PHENOL-D5	91 RPR			UG/L	1			09/20/11	8270D	3520C	
TERPHENYL-D14	116 RPR			UG/L	1			09/20/11	8270D	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 2011
Reporting Limit: MDL

Location: MW-4A
Date Sampled: 9/13/2011 08:10:00
Lab Sample ID: AUI012403-1 FS

Field Sample ID: KEN-G-MW-4A
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	0.965	J	J	UG/L	1	1.00	0.427	09/16/11	8260B	5030B	
1,4-DIOXANE	288			UG/L	20	192	6.88	09/21/11	8270D	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	93 RPR			UG/L	1			09/16/11	8260B	5030B	
4-BROMOFLUOROBENZENE	111 RPR			UG/L	1			09/16/11	8260B	5030B	
DIBROMOFLUOROMETHANE	107 RPR			UG/L	1			09/16/11	8260B	5030B	
TOLUENE-D8	103 RPR			UG/L	1			09/16/11	8260B	5030B	
2,4,6-TRIBROMOPHENOL	NC RPR	NC2		UG/L	20			09/21/11	8270D	3520C	
2-FLUOROBIPHENYL	83 RPR			UG/L	20			09/21/11	8270D	3520C	
2-FLUOROPHENOL	80 RPR			UG/L	20			09/21/11	8270D	3520C	
NITROBENZENE-D5	85 RPR			UG/L	20			09/21/11	8270D	3520C	
PHENOL-D5	65 RPR			UG/L	20			09/21/11	8270D	3520C	
TERPHENYL-D14	111 RPR			UG/L	20			09/21/11	8270D	3520C	

Location: TBLK-GW1
Date Sampled: 9/13/2011 16:20:00
Lab Sample ID: AUI012409-1 TB

Field Sample ID: KEN-K-TBLK-GW1
Sample Type: Blank Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	09/19/11	8260B	5030B	
Surrogates											
1,2-DICHLOROETHANE-D4	90 RPR			UG/L	1			09/19/11	8260B	5030B	
4-BROMOFLUOROBENZENE	108 RPR			UG/L	1			09/19/11	8260B	5030B	
DIBROMOFLUOROMETHANE	106 RPR			UG/L	1			09/19/11	8260B	5030B	
TOLUENE-D8	103 RPR			UG/L	1			09/19/11	8260B	5030B	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 2011
Reporting Limit: MDL

Location: EQBLK-GW1
Date Sampled: 9/14/2011 18:00:00
Lab Sample ID: AUI013412-1 EB

Field Sample ID: KEN-K-EQBLK-GW1
Sample Type: Blank Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	09/19/11	8260B	5030B	
1,4-DIOXANE	< 0.344			UG/L	1	9.62	0.344	09/23/11	8270D	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	91 RPR			UG/L	1			09/19/11	8260B	5030B	
4-BROMOFLUOROBENZENE	107 RPR			UG/L	1			09/19/11	8260B	5030B	
DIBROMOFLUOROMETHANE	107 RPR			UG/L	1			09/19/11	8260B	5030B	
TOLUENE-D8	107 RPR			UG/L	1			09/19/11	8260B	5030B	
2,4,6-TRIBROMOPHENOL	112 RPR			UG/L	1			09/23/11	8270D	3520C	
2-FLUOROBIPHENYL	65 RPR			UG/L	1			09/23/11	8270D	3520C	
2-FLUOROPHENOL	75 RPR			UG/L	1			09/23/11	8270D	3520C	
NITROBENZENE-D5	76 RPR			UG/L	1			09/23/11	8270D	3520C	
PHENOL-D5	50 RPR			UG/L	1			09/23/11	8270D	3520C	
TERPHENYL-D14	99 RPR			UG/L	1			09/23/11	8270D	3520C	

Location: MW-4B
Date Sampled: 9/14/2011 11:00:00
Lab Sample ID: AUI013401-1 FS

Field Sample ID: KEN-G-MW-4B
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	09/19/11	8260B	5030B	
1,4-DIOXANE	< 0.344			UG/L	1	9.62	0.344	09/23/11	8270D	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	92 RPR			UG/L	1			09/19/11	8260B	5030B	
4-BROMOFLUOROBENZENE	111 RPR			UG/L	1			09/19/11	8260B	5030B	
DIBROMOFLUOROMETHANE	109 RPR			UG/L	1			09/19/11	8260B	5030B	
TOLUENE-D8	104 RPR			UG/L	1			09/19/11	8260B	5030B	
2,4,6-TRIBROMOPHENOL	120 RPR			UG/L	1			09/23/11	8270D	3520C	
2-FLUOROBIPHENYL	78 RPR			UG/L	1			09/23/11	8270D	3520C	
2-FLUOROPHENOL	92 RPR			UG/L	1			09/23/11	8270D	3520C	
NITROBENZENE-D5	96 RPR			UG/L	1			09/23/11	8270D	3520C	
PHENOL-D5	92 RPR			UG/L	1			09/23/11	8270D	3520C	
TERPHENYL-D14	108 RPR			UG/L	1			09/23/11	8270D	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 2011
Reporting Limit: MDL

Location: MW-6
Date Sampled: 9/14/2011 09:55:00
Lab Sample ID: AUI013402-1 FS
Field Sample ID: KEN-G-MW-6
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	09/19/11	8260B	5030B	
1,4-DIOXANE	180			UG/L	5	48.1	1.72	09/23/11	8270D	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	92 RPR			UG/L	1			09/19/11	8260B	5030B	
4-BROMOFLUOROBENZENE	109 RPR			UG/L	1			09/19/11	8260B	5030B	
DIBROMOFLUOROMETHANE	107 RPR			UG/L	1			09/19/11	8260B	5030B	
TOLUENE-D8	105 RPR			UG/L	1			09/19/11	8260B	5030B	
2,4,6-TRIBROMOPHENOL	103 RPR			UG/L	5			09/23/11	8270D	3520C	
2-FLUOROBIPHENYL	77 RPR			UG/L	5			09/23/11	8270D	3520C	
2-FLUOROPHENOL	86 RPR			UG/L	5			09/23/11	8270D	3520C	
NITROBENZENE-D5	89 RPR			UG/L	5			09/23/11	8270D	3520C	
PHENOL-D5	85 RPR			UG/L	5			09/23/11	8270D	3520C	
TERPHENYL-D14	109 RPR			UG/L	5			09/23/11	8270D	3520C	

Location: MW-7A
Date Sampled: 9/14/2011 08:55:00
Lab Sample ID: AUI013403-1 FS
Field Sample ID: KEN-G-MW-7A
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	09/19/11	8260B	5030B	
1,4-DIOXANE	10.9			UG/L	1	9.62	0.344	09/23/11	8270D	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	91 RPR			UG/L	1			09/19/11	8260B	5030B	
4-BROMOFLUOROBENZENE	108 RPR			UG/L	1			09/19/11	8260B	5030B	
DIBROMOFLUOROMETHANE	108 RPR			UG/L	1			09/19/11	8260B	5030B	
TOLUENE-D8	106 RPR			UG/L	1			09/19/11	8260B	5030B	
2,4,6-TRIBROMOPHENOL	106 RPR			UG/L	1			09/23/11	8270D	3520C	
2-FLUOROBIPHENYL	69 RPR			UG/L	1			09/23/11	8270D	3520C	
2-FLUOROPHENOL	80 RPR			UG/L	1			09/23/11	8270D	3520C	
NITROBENZENE-D5	84 RPR			UG/L	1			09/23/11	8270D	3520C	
PHENOL-D5	80 RPR			UG/L	1			09/23/11	8270D	3520C	
TERPHENYL-D14	93 RPR			UG/L	1			09/23/11	8270D	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 2011
Reporting Limit: MDL

Location: MW-7A
Date Sampled: 9/14/2011 08:55:00
Lab Sample ID: AUI013404-1 FS
Field Sample ID: KEN-G-MW-7A-DUP
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	09/19/11	8260B	5030B	
1,4-DIOXANE	13.0			UG/L	1	9.62	0.344	09/23/11	8270D	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	94 RPR			UG/L	1			09/19/11	8260B	5030B	
4-BROMOFLUOROBENZENE	108 RPR			UG/L	1			09/19/11	8260B	5030B	
DIBROMOFLUOROMETHANE	108 RPR			UG/L	1			09/19/11	8260B	5030B	
TOLUENE-D8	106 RPR			UG/L	1			09/19/11	8260B	5030B	
2,4,6-TRIBROMOPHENOL	111 RPR			UG/L	1			09/23/11	8270D	3520C	
2-FLUOROBIPHENYL	66 RPR			UG/L	1			09/23/11	8270D	3520C	
2-FLUOROPHENOL	79 RPR			UG/L	1			09/23/11	8270D	3520C	
NITROBENZENE-D5	83 RPR			UG/L	1			09/23/11	8270D	3520C	
PHENOL-D5	82 RPR			UG/L	1			09/23/11	8270D	3520C	
TERPHENYL-D14	94 RPR			UG/L	1			09/23/11	8270D	3520C	

Location: MW-7B
Date Sampled: 9/14/2011 08:00:00
Lab Sample ID: AUI013405-1 FS
Field Sample ID: KEN-G-MW-7B
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	09/19/11	8260B	5030B	
1,4-DIOXANE	< 0.344			UG/L	1	9.62	0.344	09/23/11	8270D	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	91 RPR			UG/L	1			09/19/11	8260B	5030B	
4-BROMOFLUOROBENZENE	109 RPR			UG/L	1			09/19/11	8260B	5030B	
DIBROMOFLUOROMETHANE	107 RPR			UG/L	1			09/19/11	8260B	5030B	
TOLUENE-D8	104 RPR			UG/L	1			09/19/11	8260B	5030B	
2,4,6-TRIBROMOPHENOL	112 RPR			UG/L	1			09/23/11	8270D	3520C	
2-FLUOROBIPHENYL	70 RPR			UG/L	1			09/23/11	8270D	3520C	
2-FLUOROPHENOL	85 RPR			UG/L	1			09/23/11	8270D	3520C	
NITROBENZENE-D5	84 RPR			UG/L	1			09/23/11	8270D	3520C	
PHENOL-D5	84 RPR			UG/L	1			09/23/11	8270D	3520C	
TERPHENYL-D14	98 RPR			UG/L	1			09/23/11	8270D	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 2011
Reporting Limit: MDL

Location: MW-9
Date Sampled: 9/14/2011 13:00:00
Lab Sample ID: AUI013406-1 FS
Field Sample ID: KEN-G-MW-9
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	09/19/11	8260B	5030B	
1,4-DIOXANE	< 0.344			UG/L	1	9.62	0.344	09/23/11	8270D	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	91 RPR			UG/L	1			09/19/11	8260B	5030B	
4-BROMOFLUOROBENZENE	112 RPR			UG/L	1			09/19/11	8260B	5030B	
DIBROMOFLUOROMETHANE	107 RPR			UG/L	1			09/19/11	8260B	5030B	
TOLUENE-D8	103 RPR			UG/L	1			09/19/11	8260B	5030B	
2,4,6-TRIBROMOPHENOL	109 RPR			UG/L	1			09/23/11	8270D	3520C	
2-FLUOROBIPHENYL	68 RPR			UG/L	1			09/23/11	8270D	3520C	
2-FLUOROPHENOL	79 RPR			UG/L	1			09/23/11	8270D	3520C	
NITROBENZENE-D5	82 RPR			UG/L	1			09/23/11	8270D	3520C	
PHENOL-D5	81 RPR			UG/L	1			09/23/11	8270D	3520C	
TERPHENYL-D14	96 RPR			UG/L	1			09/23/11	8270D	3520C	

Location: MW-10A
Date Sampled: 9/14/2011 14:55:00
Lab Sample ID: AUI013407-1 FS
Field Sample ID: KEN-G-MW-10A
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	5.87			UG/L	1	1.00	0.427	09/19/11	8260B	5030B	
1,4-DIOXANE	8.98	J	J	UG/L	1	9.62	0.344	09/23/11	8270D	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	92 RPR			UG/L	1			09/19/11	8260B	5030B	
4-BROMOFLUOROBENZENE	108 RPR			UG/L	1			09/19/11	8260B	5030B	
DIBROMOFLUOROMETHANE	107 RPR			UG/L	1			09/19/11	8260B	5030B	
TOLUENE-D8	105 RPR			UG/L	1			09/19/11	8260B	5030B	
2,4,6-TRIBROMOPHENOL	107 RPR			UG/L	1			09/23/11	8270D	3520C	
2-FLUOROBIPHENYL	67 RPR			UG/L	1			09/23/11	8270D	3520C	
2-FLUOROPHENOL	78 RPR			UG/L	1			09/23/11	8270D	3520C	
NITROBENZENE-D5	79 RPR			UG/L	1			09/23/11	8270D	3520C	
PHENOL-D5	78 RPR			UG/L	1			09/23/11	8270D	3520C	
TERPHENYL-D14	94 RPR			UG/L	1			09/23/11	8270D	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 2011
Reporting Limit: MDL

Location: MW-10B
Date Sampled: 9/14/2011 14:05:00
Lab Sample ID: AUI013408-1 FS
Field Sample ID: KEN-G-MW-10B
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	09/19/11	8260B	5030B	
1,4-DIOXANE	3.45	J	J	UG/L	1	9.62	0.344	09/23/11	8270D	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	90 RPR			UG/L	1			09/19/11	8260B	5030B	
4-BROMOFLUOROBENZENE	110 RPR			UG/L	1			09/19/11	8260B	5030B	
DIBROMOFLUOROMETHANE	106 RPR			UG/L	1			09/19/11	8260B	5030B	
TOLUENE-D8	104 RPR			UG/L	1			09/19/11	8260B	5030B	
2,4,6-TRIBROMOPHENOL	111 RPR			UG/L	1			09/23/11	8270D	3520C	
2-FLUOROBIPHENYL	67 RPR			UG/L	1			09/23/11	8270D	3520C	
2-FLUOROPHENOL	85 RPR			UG/L	1			09/23/11	8270D	3520C	
NITROBENZENE-D5	86 RPR			UG/L	1			09/23/11	8270D	3520C	
PHENOL-D5	85 RPR			UG/L	1			09/23/11	8270D	3520C	
TERPHENYL-D14	96 RPR			UG/L	1			09/23/11	8270D	3520C	

Location: MW-11A
Date Sampled: 9/14/2011 17:55:00
Lab Sample ID: AUI013409-1 FS
Field Sample ID: KEN-G-MW-11A
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	09/19/11	8260B	5030B	
1,4-DIOXANE	1.55	J	J	UG/L	1	9.62	0.344	09/23/11	8270D	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	93 RPR			UG/L	1			09/19/11	8260B	5030B	
4-BROMOFLUOROBENZENE	111 RPR			UG/L	1			09/19/11	8260B	5030B	
DIBROMOFLUOROMETHANE	108 RPR			UG/L	1			09/19/11	8260B	5030B	
TOLUENE-D8	107 RPR			UG/L	1			09/19/11	8260B	5030B	
2,4,6-TRIBROMOPHENOL	107 RPR			UG/L	1			09/23/11	8270D	3520C	
2-FLUOROBIPHENYL	66 RPR			UG/L	1			09/23/11	8270D	3520C	
2-FLUOROPHENOL	75 RPR			UG/L	1			09/23/11	8270D	3520C	
NITROBENZENE-D5	77 RPR			UG/L	1			09/23/11	8270D	3520C	
PHENOL-D5	76 RPR			UG/L	1			09/23/11	8270D	3520C	
TERPHENYL-D14	96 RPR			UG/L	1			09/23/11	8270D	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 2011
Reporting Limit: MDL

Location: MW-11B
Date Sampled: 9/14/2011 17:05:00
Lab Sample ID: AUI013410-1 FS
Field Sample ID: KEN-G-MW-11B
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	09/19/11	8260B	5030B	
1,4-DIOXANE	< 0.344			UG/L	1	9.62	0.344	09/23/11	8270D	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	91 RPR			UG/L	1			09/19/11	8260B	5030B	
4-BROMOFLUOROBENZENE	108 RPR			UG/L	1			09/19/11	8260B	5030B	
DIBROMOFLUOROMETHANE	109 RPR			UG/L	1			09/19/11	8260B	5030B	
TOLUENE-D8	103 RPR			UG/L	1			09/19/11	8260B	5030B	
2,4,6-TRIBROMOPHENOL	115 RPR			UG/L	1			09/23/11	8270D	3520C	
2-FLUOROBIPHENYL	77 RPR			UG/L	1			09/23/11	8270D	3520C	
2-FLUOROPHENOL	85 RPR			UG/L	1			09/23/11	8270D	3520C	
NITROBENZENE-D5	87 RPR			UG/L	1			09/23/11	8270D	3520C	
PHENOL-D5	83 RPR			UG/L	1			09/23/11	8270D	3520C	
TERPHENYL-D14	101 RPR			UG/L	1			09/23/11	8270D	3520C	

Location: MW-12
Date Sampled: 9/14/2011 15:50:00
Lab Sample ID: AUI013411-1 FS
Field Sample ID: KEN-G-MW-12
Sample Type: Groundwater

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	09/19/11	8260B	5030B	
1,4-DIOXANE	< 0.344			UG/L	1	9.62	0.344	09/23/11	8270D	3520C	
Surrogates											
1,2-DICHLOROETHANE-D4	90 RPR			UG/L	1			09/19/11	8260B	5030B	
4-BROMOFLUOROBENZENE	107 RPR			UG/L	1			09/19/11	8260B	5030B	
DIBROMOFLUOROMETHANE	108 RPR			UG/L	1			09/19/11	8260B	5030B	
TOLUENE-D8	106 RPR			UG/L	1			09/19/11	8260B	5030B	
2,4,6-TRIBROMOPHENOL	106 RPR			UG/L	1			09/23/11	8270D	3520C	
2-FLUOROBIPHENYL	63 RPR			UG/L	1			09/23/11	8270D	3520C	
2-FLUOROPHENOL	72 RPR			UG/L	1			09/23/11	8270D	3520C	
NITROBENZENE-D5	71 RPR			UG/L	1			09/23/11	8270D	3520C	
PHENOL-D5	73 RPR			UG/L	1			09/23/11	8270D	3520C	
TERPHENYL-D14	96 RPR			UG/L	1			09/23/11	8270D	3520C	

Corporate Environmental Database
Lab Analysis Report
with Laboratory and DDR Qualifiers

Site: KEN - KENTEC
Project: GW SAMPLING 2011
Reporting Limit: MDL

Location: TBLK-GW2
Date Sampled: 9/14/2011 18:05:00
Lab Sample ID: AUI013413-1 TB

Field Sample ID: KEN-K-TBLK-GW2
Sample Type: Blank Water

Analyte/Parameter	Result	Qualifiers LAB	Qualifiers DDR	Unit	Dil.	Detection Limit PQL	Detection Limit MDL	Analysis Date	Analytical Methods Analysis-	Analytical Methods Prep-	Analytical Methods Preprep-
Analytes											
1,1-DICHLOROETHENE	< 0.427			UG/L	1	1.00	0.427	09/19/11	8260B	5030B	
Surrogates											
1,2-DICHLOROETHANE-D4	89 RPR			UG/L	1			09/19/11	8260B	5030B	
4-BROMOFLUOROBENZENE	107 RPR			UG/L	1			09/19/11	8260B	5030B	
DIBROMOFLUOROMETHANE	106 RPR			UG/L	1			09/19/11	8260B	5030B	
TOLUENE-D8	105 RPR			UG/L	1			09/19/11	8260B	5030B	

Corporate Environmental Database
Lab Analysis QAQC Report

Site: KENTEC 10/25/2011

Project: GW SAMPLING 2011

Batch Identifier 309515 3520C 8270D 15-SEP-11 11I0122 MSN1

Method Number: 8270D Prep Method: 3520C Pre-prep:

Batch Start Date: 09/15/2011 Intrument: MSN1

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type LCS	Lab Sample ID: 11I0122BS1-1 LCS			Lab: TAL-AUS					
1,4-DIOXANE	8.77	UG/L	NS	NS	88	50	150		
2,4,6-TRIBROMOPHENOL	109 RPR	UG/L	NS	NS	109	50	150		
2-FLUOROBIPHENYL	93 RPR	UG/L	NS	NS	93	50	150		
2-FLUOROPHENOL	91 RPR	UG/L	NS	NS	91	50	150		
NITROBENZENE-D5	102 RPR	UG/L	NS	NS	102	50	150		
PHENOL-D5	98 RPR	UG/L	NS	NS	98	50	150		
TERPHENYL-D14	112 RPR	UG/L	NS	NS	112	50	150		
Sample Type MB	Lab Sample ID: 11I0122BLK1-1 MB			Lab: TAL-AUS					
1,4-DIOXANE	< 0.358	UG/L	0.358	10.0					
2,4,6-TRIBROMOPHENOL	88 RPR	UG/L			88	50	150		
2-FLUOROBIPHENYL	77 RPR	UG/L			77	50	150		
2-FLUOROPHENOL	82 RPR	UG/L			82	50	150		
NITROBENZENE-D5	88 RPR	UG/L			88	50	150		
PHENOL-D5	83 RPR	UG/L			83	50	150		
TERPHENYL-D14	101 RPR	UG/L			101	50	150		
Sample Type MS	Lab Sample ID: 11I0122MS1-1 MS			Lab: TAL-AUS					
1,4-DIOXANE	25.5	UG/L	NS	NS	97	50	150		
2,4,6-TRIBROMOPHENOL	110 RPR	UG/L	NS	NS	110	50	150		
2-FLUOROBIPHENYL	101 RPR	UG/L	NS	NS	101	50	150		
2-FLUOROPHENOL	88 RPR	UG/L	NS	NS	88	50	150		
NITROBENZENE-D5	101 RPR	UG/L	NS	NS	101	50	150		
PHENOL-D5	93 RPR	UG/L	NS	NS	93	50	150		
TERPHENYL-D14	107 RPR	UG/L	NS	NS	107	50	150		
Sample Type MS	Lab Sample ID: 11I0122MS2-1 MS			Lab: TAL-AUS					
1,4-DIOXANE	23.7	UG/L	NS	NS	88	50	150		
2,4,6-TRIBROMOPHENOL	99 RPR	UG/L	NS	NS	99	50	150		
2-FLUOROBIPHENYL	84 RPR	UG/L	NS	NS	84	50	150		
2-FLUOROPHENOL	85 RPR	UG/L	NS	NS	85	50	150		
NITROBENZENE-D5	97 RPR	UG/L	NS	NS	97	50	150		
PHENOL-D5	89 RPR	UG/L	NS	NS	89	50	150		
TERPHENYL-D14	110 RPR	UG/L	NS	NS	110	50	150		
Sample Type MS	Lab Sample ID: AUI008604-1 MS			Lab: TAL-AUS					
1,4-DIOXANE	25.5	UG/L	NS	NS	97	50	150		
2,4,6-TRIBROMOPHENOL	110 RPR	UG/L	NS	NS	110	50	150		
2-FLUOROBIPHENYL	101 RPR	UG/L	NS	NS	101	50	150		
2-FLUOROPHENOL	88 RPR	UG/L	NS	NS	88	50	150		
NITROBENZENE-D5	101 RPR	UG/L	NS	NS	101	50	150		
PHENOL-D5	93 RPR	UG/L	NS	NS	93	50	150		
TERPHENYL-D14	107 RPR	UG/L	NS	NS	107	50	150		
Sample Type MS	Lab Sample ID: AUI012401-1 MS			Lab: TAL-AUS					
1,4-DIOXANE	23.7	UG/L	NS	NS	88	50	150		
2,4,6-TRIBROMOPHENOL	99 RPR	UG/L	NS	NS	99	50	150		
2-FLUOROBIPHENYL	84 RPR	UG/L	NS	NS	84	50	150		
2-FLUOROPHENOL	85 RPR	UG/L	NS	NS	85	50	150		
NITROBENZENE-D5	97 RPR	UG/L	NS	NS	97	50	150		
PHENOL-D5	89 RPR	UG/L	NS	NS	89	50	150		
TERPHENYL-D14	110 RPR	UG/L	NS	NS	110	50	150		
Sample Type MSD	Lab Sample ID: 11I0122MSD1-1 MSD			Lab: TAL-AUS					
1,4-DIOXANE	27.1	UG/L	NS	NS	114	50	150	6	30
2,4,6-TRIBROMOPHENOL	103 RPR	UG/L	NS	NS	103	50	150		
2-FLUOROBIPHENYL	96 RPR	UG/L	NS	NS	96	50	150		
2-FLUOROPHENOL	90 RPR	UG/L	NS	NS	90	50	150		
NITROBENZENE-D5	98 RPR	UG/L	NS	NS	98	50	150		
PHENOL-D5	95 RPR	UG/L	NS	NS	95	50	150		
TERPHENYL-D14	110 RPR	UG/L	NS	NS	110	50	150		
Sample Type MSD	Lab Sample ID: 11I0122MSD2-1 MSD			Lab: TAL-AUS					
1,4-DIOXANE	23.1	UG/L	NS	NS	82	50	150	2	30
2,4,6-TRIBROMOPHENOL	108 RPR	UG/L	NS	NS	108	50	150		
2-FLUOROBIPHENYL	70 RPR	UG/L	NS	NS	70	50	150		
2-FLUOROPHENOL	87 RPR	UG/L	NS	NS	87	50	150		
NITROBENZENE-D5	98 RPR	UG/L	NS	NS	98	50	150		
PHENOL-D5	95 RPR	UG/L	NS	NS	95	50	150		

Corporate Environmental Database
Lab Analysis QAQC Report

Site: KENTEC 10/25/2011

Project: GW SAMPLING 2011

Analyte/Parameter		Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type	MSD	Lab Sample ID: 11I0122MSD2-1 MSD			Lab: TAL-AUS					
TERPHENYL-D14		114 RPR	UG/L	NS	NS	114	50	150		
Sample Type	MSD	Lab Sample ID: AUI008604-1 MSD			Lab: TAL-AUS					
1,4-DIOXANE		27.1	UG/L	NS	NS	114	50	150	6	30
2,4,6-TRIBROMOPHENOL		103 RPR	UG/L	NS	NS	103	50	150		
2-FLUOROBIPHENYL		96 RPR	UG/L	NS	NS	96	50	150		
2-FLUOROPHENOL		90 RPR	UG/L	NS	NS	90	50	150		
NITROBENZENE-D5		98 RPR	UG/L	NS	NS	98	50	150		
PHENOL-D5		95 RPR	UG/L	NS	NS	95	50	150		
TERPHENYL-D14		110 RPR	UG/L	NS	NS	110	50	150		
Sample Type	MSD	Lab Sample ID: AUI012401-1 MSD			Lab: TAL-AUS					
1,4-DIOXANE		23.1	UG/L	NS	NS	82	50	150	2	30
2,4,6-TRIBROMOPHENOL		108 RPR	UG/L	NS	NS	108	50	150		
2-FLUOROBIPHENYL		70 RPR	UG/L	NS	NS	70	50	150		
2-FLUOROPHENOL		87 RPR	UG/L	NS	NS	87	50	150		
NITROBENZENE-D5		98 RPR	UG/L	NS	NS	98	50	150		
PHENOL-D5		95 RPR	UG/L	NS	NS	95	50	150		
TERPHENYL-D14		114 RPR	UG/L	NS	NS	114	50	150		

The following field samples are included in this batch:

Sampleno	Datesmpl	Lab Id	Lab
KEN-G-MW-1	9/13/2011	AUI012401-1 FS	TAL-AUS
KEN-G-MW-14A	9/13/2011	AUI010605-1 FS	TAL-AUS
KEN-G-MW-14B	9/13/2011	AUI010601-1 FS	TAL-AUS
KEN-G-MW-15	9/13/2011	AUI010602-1 FS	TAL-AUS
KEN-G-MW-16	9/13/2011	AUI010603-1 FS	TAL-AUS
KEN-G-MW-19	9/13/2011	AUI010604-DL FS	TAL-AUS
KEN-G-MW-3	9/13/2011	AUI012402-1 FS	TAL-AUS
KEN-G-MW-4A	9/13/2011	AUI012403-DL FS	TAL-AUS
KEN-K-EQBLK-SW	9/12/2011	AUI008607-1 EB	TAL-AUS
KEN-W-SW-11	9/12/2011	AUI008604-1 FS	TAL-AUS
KEN-W-SW-24	9/12/2011	AUI008605-DL FS	TAL-AUS
KEN-W-SW-29	9/12/2011	AUI008606-DL FS	TAL-AUS
KEN-W-SW-9	9/12/2011	AUI008601-1 FS	TAL-AUS
KEN-W-SW-9-DUP	9/12/2011	AUI008602-DL FS	TAL-AUS

Corporate Environmental Database
Lab Analysis QAQC Report

Site: KENTEC
Project: GW SAMPLING 2011

Batch Identifier 309516 5030B 8260B 16-SEP-11 11I0131 MSJ

Method Number: 8260B Prep Method: 5030B Pre-prep:
Batch Start Date: 09/16/2011 Intrument: MSJ

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type LCS	Lab Sample ID: 11I0131BS1-1 LCS			Lab: TAL-AUS					
1,1-DICHLOROETHENE	20.7	UG/L	NS	NS	104	62	135		
1,2-DICHLOROETHANE-D4	90 RPR	UG/L	NS	NS	90	69	133		
4-BROMOFLUOROBENZENE	108 RPR	UG/L	NS	NS	108	66	124		
DIBROMOFLUOROMETHANE	106 RPR	UG/L	NS	NS	106	81	127		
TOLUENE-D8	106 RPR	UG/L	NS	NS	106	87	121		
Sample Type LCSD	Lab Sample ID: 11I0131BSD1-1 LCSD			Lab: TAL-AUS					
1,1-DICHLOROETHENE	20.8	UG/L	NS	NS	104	62	135	0	20
1,2-DICHLOROETHANE-D4	91 RPR	UG/L	NS	NS	91	69	133		
4-BROMOFLUOROBENZENE	112 RPR	UG/L	NS	NS	112	66	124		
DIBROMOFLUOROMETHANE	104 RPR	UG/L	NS	NS	104	81	127		
TOLUENE-D8	103 RPR	UG/L	NS	NS	103	87	121		
Sample Type MB	Lab Sample ID: 11I0131BLK1-1 MB			Lab: TAL-AUS					
1,1-DICHLOROETHENE	< 0.427	UG/L	0.427	1.00					
1,2-DICHLOROETHANE-D4	87 RPR	UG/L			87	69	133		
4-BROMOFLUOROBENZENE	107 RPR	UG/L			107	66	124		
DIBROMOFLUOROMETHANE	104 RPR	UG/L			104	81	127		
TOLUENE-D8	104 RPR	UG/L			104	87	121		
Sample Type MS	Lab Sample ID: 11I0131MS1-1 MS			Lab: TAL-AUS					
1,1-DICHLOROETHENE	23.3	UG/L	NS	NS	116	62	135		
1,2-DICHLOROETHANE-D4	90 RPR	UG/L	NS	NS	90	69	133		
4-BROMOFLUOROBENZENE	109 RPR	UG/L	NS	NS	109	66	124		
DIBROMOFLUOROMETHANE	104 RPR	UG/L	NS	NS	104	81	127		
TOLUENE-D8	103 RPR	UG/L	NS	NS	103	87	121		
Sample Type MS	Lab Sample ID: 11I0131MS2-1 MS			Lab: TAL-AUS					
1,1-DICHLOROETHENE	24.1	UG/L	NS	NS	120	62	135		
1,2-DICHLOROETHANE-D4	93 RPR	UG/L	NS	NS	93	69	133		
4-BROMOFLUOROBENZENE	109 RPR	UG/L	NS	NS	109	66	124		
DIBROMOFLUOROMETHANE	106 RPR	UG/L	NS	NS	106	81	127		
TOLUENE-D8	106 RPR	UG/L	NS	NS	106	87	121		
Sample Type MS	Lab Sample ID: AUI008604-1 MS			Lab: TAL-AUS					
1,1-DICHLOROETHENE	24.1	UG/L	NS	NS	120	62	135		
1,2-DICHLOROETHANE-D4	93 RPR	UG/L	NS	NS	93	69	133		
4-BROMOFLUOROBENZENE	109 RPR	UG/L	NS	NS	109	66	124		
DIBROMOFLUOROMETHANE	106 RPR	UG/L	NS	NS	106	81	127		
TOLUENE-D8	106 RPR	UG/L	NS	NS	106	87	121		
Sample Type MS	Lab Sample ID: AUI012401-1 MS			Lab: TAL-AUS					
1,1-DICHLOROETHENE	23.3	UG/L	NS	NS	116	62	135		
1,2-DICHLOROETHANE-D4	90 RPR	UG/L	NS	NS	90	69	133		
4-BROMOFLUOROBENZENE	109 RPR	UG/L	NS	NS	109	66	124		
DIBROMOFLUOROMETHANE	104 RPR	UG/L	NS	NS	104	81	127		
TOLUENE-D8	103 RPR	UG/L	NS	NS	103	87	121		
Sample Type MSD	Lab Sample ID: 11I0131MSD1-1 MSD			Lab: TAL-AUS					
1,1-DICHLOROETHENE	23.2	UG/L	NS	NS	116	62	135	0	20
1,2-DICHLOROETHANE-D4	89 RPR	UG/L	NS	NS	89	69	133		
4-BROMOFLUOROBENZENE	113 RPR	UG/L	NS	NS	113	66	124		
DIBROMOFLUOROMETHANE	105 RPR	UG/L	NS	NS	105	81	127		
TOLUENE-D8	105 RPR	UG/L	NS	NS	105	87	121		
Sample Type MSD	Lab Sample ID: 11I0131MSD2-1 MSD			Lab: TAL-AUS					
1,1-DICHLOROETHENE	24.9	UG/L	NS	NS	125	62	135	3	20
1,2-DICHLOROETHANE-D4	94 RPR	UG/L	NS	NS	94	69	133		
4-BROMOFLUOROBENZENE	110 RPR	UG/L	NS	NS	110	66	124		
DIBROMOFLUOROMETHANE	105 RPR	UG/L	NS	NS	105	81	127		
TOLUENE-D8	103 RPR	UG/L	NS	NS	103	87	121		
Sample Type MSD	Lab Sample ID: AUI008604-1 MSD			Lab: TAL-AUS					
1,1-DICHLOROETHENE	24.9	UG/L	NS	NS	125	62	135	3	20
1,2-DICHLOROETHANE-D4	94 RPR	UG/L	NS	NS	94	69	133		
4-BROMOFLUOROBENZENE	110 RPR	UG/L	NS	NS	110	66	124		
DIBROMOFLUOROMETHANE	105 RPR	UG/L	NS	NS	105	81	127		
TOLUENE-D8	103 RPR	UG/L	NS	NS	103	87	121		
Sample Type MSD	Lab Sample ID: AUI012401-1 MSD			Lab: TAL-AUS					
1,1-DICHLOROETHENE	23.2	UG/L	NS	NS	116	62	135	0	20
1,2-DICHLOROETHANE-D4	89 RPR	UG/L	NS	NS	89	69	133		

Corporate Environmental Database
Lab Analysis QAQC Report

Site: KENTEC 10/25/2011

Project: GW SAMPLING 2011

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type MSD	Lab Sample ID: AUI012401-1 MSD			Lab: TAL-AUS					
4-BROMOFLUOROBENZENE	113 RPR	UG/L	NS	NS	113	66	124		
DIBROMOFLUOROMETHANE	105 RPR	UG/L	NS	NS	105	81	127		
TOLUENE-D8	105 RPR	UG/L	NS	NS	105	87	121		

The following field samples are included in this batch:

Sampleno	Datesmpl	Lab Id	Lab
KEN-G-MW-1	9/13/2011	AUI012401-1 FS	TAL-AUS
KEN-G-MW-14B	9/13/2011	AUI012404-1 FS	TAL-AUS
KEN-G-MW-15	9/13/2011	AUI012405-1 FS	TAL-AUS
KEN-G-MW-3	9/13/2011	AUI012402-1 FS	TAL-AUS
KEN-G-MW-4A	9/13/2011	AUI012403-1 FS	TAL-AUS
KEN-K-EQBLK-SW	9/12/2011	AUI008607-1 EB	TAL-AUS
KEN-K-TBLK-SW1	9/12/2011	AUI008608-1 TB	TAL-AUS
KEN-W-SW-11	9/12/2011	AUI008604-1 FS	TAL-AUS
KEN-W-SW-24	9/12/2011	AUI008605-1 FS	TAL-AUS
KEN-W-SW-29	9/12/2011	AUI008606-1 FS	TAL-AUS
KEN-W-SW-9	9/12/2011	AUI008601-1 FS	TAL-AUS
KEN-W-SW-9-DUP	9/12/2011	AUI008602-1 FS	TAL-AUS

Corporate Environmental Database
Lab Analysis QAQC Report

Site: KENTEC
Project: GW SAMPLING 2011

Batch Identifier 309523 5030B 8260B 19-SEP-11 11I0151 MSJ

Method Number: 8260B Prep Method: 5030B Pre-prep:
Batch Start Date: 09/19/2011 Intrument: MSJ

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type LCS	Lab Sample ID: 11I0151BS1-1 LCS			Lab: TAL-AUS					
1,1-DICHLOROETHENE	20.6	UG/L	NS	NS	103	62	135		
1,2-DICHLOROETHANE-D4	91 RPR	UG/L	NS	NS	91	69	133		
4-BROMOFLUOROBENZENE	113 RPR	UG/L	NS	NS	113	66	124		
DIBROMOFLUOROMETHANE	108 RPR	UG/L	NS	NS	108	81	127		
TOLUENE-D8	108 RPR	UG/L	NS	NS	108	87	121		
Sample Type LCSD	Lab Sample ID: 11I0151BSD1-1 LCSD			Lab: TAL-AUS					
1,1-DICHLOROETHENE	20.0	UG/L	NS	NS	100	62	135	3	20
1,2-DICHLOROETHANE-D4	90 RPR	UG/L	NS	NS	90	69	133		
4-BROMOFLUOROBENZENE	111 RPR	UG/L	NS	NS	111	66	124		
DIBROMOFLUOROMETHANE	106 RPR	UG/L	NS	NS	106	81	127		
TOLUENE-D8	108 RPR	UG/L	NS	NS	108	87	121		
Sample Type MB	Lab Sample ID: 11I0151BLK1-1 MB			Lab: TAL-AUS					
1,1-DICHLOROETHENE	< 0.427	UG/L	0.427	1.00					
1,2-DICHLOROETHANE-D4	89 RPR	UG/L			89	69	133		
4-BROMOFLUOROBENZENE	111 RPR	UG/L			111	66	124		
DIBROMOFLUOROMETHANE	107 RPR	UG/L			107	81	127		
TOLUENE-D8	105 RPR	UG/L			105	87	121		
Sample Type MS	Lab Sample ID: 11I0151MS1-DL MS			Lab: TAL-AUS					
1,1-DICHLOROETHENE	416	UG/L	NS	NS	104	62	135		
1,2-DICHLOROETHANE-D4	89 RPR	UG/L	NS	NS	89	69	133		
4-BROMOFLUOROBENZENE	111 RPR	UG/L	NS	NS	111	66	124		
DIBROMOFLUOROMETHANE	105 RPR	UG/L	NS	NS	105	81	127		
TOLUENE-D8	105 RPR	UG/L	NS	NS	105	87	121		
Sample Type MSD	Lab Sample ID: 11I0151MSD1-DL MSD			Lab: TAL-AUS					
1,1-DICHLOROETHENE	407	UG/L	NS	NS	102	62	135	2	20
1,2-DICHLOROETHANE-D4	91 RPR	UG/L	NS	NS	91	69	133		
4-BROMOFLUOROBENZENE	112 RPR	UG/L	NS	NS	112	66	124		
DIBROMOFLUOROMETHANE	106 RPR	UG/L	NS	NS	106	81	127		
TOLUENE-D8	106 RPR	UG/L	NS	NS	106	87	121		

The following field samples are included in this batch:

Sampleno	Datesmpl	Lab Id	Lab
KEN-G-MW-10A	9/14/2011	AUI013407-1 FS	TAL-AUS
KEN-G-MW-10B	9/14/2011	AUI013408-1 FS	TAL-AUS
KEN-G-MW-11A	9/14/2011	AUI013409-1 FS	TAL-AUS
KEN-G-MW-11B	9/14/2011	AUI013410-1 FS	TAL-AUS
KEN-G-MW-12	9/14/2011	AUI013411-1 FS	TAL-AUS
KEN-G-MW-14A	9/13/2011	AUI012408-1 FS	TAL-AUS
KEN-G-MW-16	9/13/2011	AUI012407-1 FS	TAL-AUS
KEN-G-MW-19	9/13/2011	AUI012406-1 FS	TAL-AUS
KEN-G-MW-4B	9/14/2011	AUI013401-1 FS	TAL-AUS
KEN-G-MW-6	9/14/2011	AUI013402-1 FS	TAL-AUS
KEN-G-MW-7A	9/14/2011	AUI013403-1 FS	TAL-AUS
KEN-G-MW-7A-DUP	9/14/2011	AUI013404-1 FS	TAL-AUS
KEN-G-MW-7B	9/14/2011	AUI013405-1 FS	TAL-AUS
KEN-G-MW-9	9/14/2011	AUI013406-1 FS	TAL-AUS
KEN-K-EQBLK-GW1	9/14/2011	AUI013412-1 EB	TAL-AUS
KEN-K-TBLK-GW1	9/13/2011	AUI012409-1 TB	TAL-AUS
KEN-K-TBLK-GW2	9/14/2011	AUI013413-1 TB	TAL-AUS

Corporate Environmental Database
Lab Analysis QAQC Report

Site: KENTEC
Project: GW SAMPLING 2011

10/25/2011

Batch Identifier 309527 3520C 8270D 20-SEP-11 11I0169 MSB3

Method Number: 8270D Prep Method: 3520C Pre-prep:
Batch Start Date: 09/20/2011 Intrument: MSB3

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type LCS	Lab Sample ID: 11I0169BS1-1 LCS			Lab: TAL-AUS					
1,4-DIOXANE	8.86	UG/L	NS	NS	89	50	150		
2,4,6-TRIBROMOPHENOL	126 RPR	UG/L	NS	NS	126	50	150		
2-FLUOROBIPHENYL	81 RPR	UG/L	NS	NS	81	50	150		
2-FLUOROPHENOL	87 RPR	UG/L	NS	NS	87	50	150		
NITROBENZENE-D5	91 RPR	UG/L	NS	NS	91	50	150		
PHENOL-D5	90 RPR	UG/L	NS	NS	90	50	150		
TERPHENYL-D14	112 RPR	UG/L	NS	NS	112	50	150		
Sample Type LCSD	Lab Sample ID: 11I0169BSD1-1 LCSD			Lab: TAL-AUS					
1,4-DIOXANE	7.23	UG/L	NS	NS	72	50	150	20	30
2,4,6-TRIBROMOPHENOL	122 RPR	UG/L	NS	NS	122	50	150		
2-FLUOROBIPHENYL	80 RPR	UG/L	NS	NS	80	50	150		
2-FLUOROPHENOL	83 RPR	UG/L	NS	NS	83	50	150		
NITROBENZENE-D5	91 RPR	UG/L	NS	NS	91	50	150		
PHENOL-D5	87 RPR	UG/L	NS	NS	87	50	150		
TERPHENYL-D14	106 RPR	UG/L	NS	NS	106	50	150		
Sample Type MB	Lab Sample ID: 11I0169BLK1-1 MB			Lab: TAL-AUS					
1,4-DIOXANE	< 0.358	UG/L	0.358	10.0					
2,4,6-TRIBROMOPHENOL	103 RPR	UG/L			103	50	150		
2-FLUOROBIPHENYL	80 RPR	UG/L			80	50	150		
2-FLUOROPHENOL	89 RPR	UG/L			89	50	150		
NITROBENZENE-D5	95 RPR	UG/L			95	50	150		
PHENOL-D5	89 RPR	UG/L			89	50	150		
TERPHENYL-D14	109 RPR	UG/L			109	50	150		

The following field samples are included in this batch:

Sampleno	Datesmpl	Lab Id	Lab
KEN-G-MW-10A	9/14/2011	AUI013407-1 FS	TAL-AUS
KEN-G-MW-10B	9/14/2011	AUI013408-1 FS	TAL-AUS
KEN-G-MW-11A	9/14/2011	AUI013409-1 FS	TAL-AUS
KEN-G-MW-11B	9/14/2011	AUI013410-1 FS	TAL-AUS
KEN-G-MW-12	9/14/2011	AUI013411-1 FS	TAL-AUS
KEN-G-MW-4B	9/14/2011	AUI013401-1 FS	TAL-AUS
KEN-G-MW-6	9/14/2011	AUI013402-DL FS	TAL-AUS
KEN-G-MW-7A	9/14/2011	AUI013403-1 FS	TAL-AUS
KEN-G-MW-7A-DUP	9/14/2011	AUI013404-1 FS	TAL-AUS
KEN-G-MW-7B	9/14/2011	AUI013405-1 FS	TAL-AUS
KEN-G-MW-9	9/14/2011	AUI013406-1 FS	TAL-AUS
KEN-K-EQBLK-GW1	9/14/2011	AUI013412-1 EB	TAL-AUS

Corporate Environmental Database
Summary Report
Field Sample Data

Site: KENTEC

Project: GW SAMPLING 2011

Oct 25, 2011 10:55 PM

Source Name	Analysis Date	Depth To Water From Toc (feet)	Dissolved Oxygen (field) (mg/l)	Ph (field) (std units)	Redox (field) (mv)	Specific Conductance (field) (ms/cm)	Temperature (field) (degrees c)	Turbidity Quantitative (field) (ntu)
MW-1	9/13/2011 09:10:00	3.45	0.27	6.29	-68.7	0.329	23.63	7.63
MW-10A	9/14/2011 14:55:00	5	0.37	6.66	-10.8	0.118	23.36	5.77
MW-10B	9/14/2011 14:05:00	9.08	4.84	10.86	-29.9	0.443	19.89	1.57
MW-11A	9/14/2011 17:55:00	5.45	3.17	5.79	103.8	0.081	23.9	52.8
MW-11B	9/14/2011 17:05:00	9.37	0.24	7.55	6.7	0.328	22.01	1
MW-12	9/14/2011 15:50:00	3.78	0.66	6.8	-33.6	0.238	22.47	1.54
MW-14A	9/13/2011 16:10:00	5.79	0.86	5.98	59.4	0.172	23.37	19.6
MW-14B	9/13/2011 15:15:00	3.18	0.34	7.49	-59.8	0.317	19.86	1.23
MW-15	9/13/2011 14:25:00	3.75	0.27	6.55	12.4	0.289	21.96	7.63
MW-16	9/13/2011 11:25:00	2.95	0.27	5.81	99.2	0.179	23.87	2.38
MW-19	9/13/2011 13:35:00	9.34	0.4	7.19	-63.8	0.402	20.19	1.38
MW-3	9/13/2011 10:10:00	1.67	0.26	6.74	-104.3	0.2	24.52	33.9
MW-4A	9/13/2011 08:10:00	5.34	0.44	7	-120.3	0.266	22.32	7.84
MW-4B	9/14/2011 11:00:00	8.98	0.3	7.42	-86.9	0.308	21.08	1.11
MW-6	9/14/2011 09:53:00	4.33	0.21	6.34	-69.7	0.152	24.22	18.1
MW-7A	9/14/2011 08:55:00	4.88	0.28	6.28	2.7	0.503	25.15	1.25
MW-7B	9/14/2011 08:00:00	6.05	0.33	7.41	30.8	0.326	21.34	1.07
MW-9	9/14/2011 13:00:00	5.15	0.41	5.04	88.5	0.135	22.85	2.73

Analytical Report

Work Order: AUI0086

Project Description

KEN GW SAMPLING 2011

For:

Kelly Rinehimer

E.I. du Pont de Nemours and Co

ADQM Services - DuPont CRG 4051 Ogletown Road, Suite 300

Newark, DE 19713

Dane Wacasey

Project Manager

Dane.Wacasey@testamericainc.com

Wednesday, September 28, 2011

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exception to NELAP requirements are noted in this report. Persuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project manager who has signed this report.

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0086

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/13/11
Reported: 09/28/11 12:37

CASE NARRATIVE

This report contains results for the samples received under chain-of-custody by TestAmerica Laboratories, Inc. 9/13/2011.

These samples are associated with your **KEN GW SAMPLING 2011** project.

All samples were received in good condition and within temperature requirements.

All applicable quality control procedures met method specified acceptance criteria except where flagged on the result pages or noted in the case narrative.

If you should have any questions, please feel free to contact me at dane.wacasey@testamericainc.com or (512) 310-5284.

There are pertinent documents appended to this report, 6 pages, are included and are an integral part of this report.

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TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

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DATA QUALIFIERS AND DEFINITIONS

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

NR Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

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E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
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Work Order: AUI0086

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Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0086-01 (KEN-W-SW-9 - Water)					**Sampled: 09/12/11 13:45**			**Recvd: 09/13/11 08:45**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**28.8**		9.62	0.344	ug/L	1.00	09/20/11 14:27	MJM	11I0122	8270D
Sample ID: AUI0086-02 (KEN-W-SW-9-DUP - Water)					**Sampled: 09/12/11 13:45**			**Recvd: 09/13/11 08:45**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**32.1**		19.2	0.688	ug/L	2.00	09/21/11 12:39	MJM	11I0122	8270D
Sample ID: AUI0086-04 (KEN-W-SW-11 - Water)					**Sampled: 09/12/11 14:20**			**Recvd: 09/13/11 08:45**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**16.2**		9.62	0.344	ug/L	1.00	09/20/11 15:10	MJM	11I0122	8270D
Sample ID: AUI0086-05 (KEN-W-SW-24 - Water)					**Sampled: 09/12/11 15:30**			**Recvd: 09/13/11 08:45**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	**0.577**	J	1.00	0.427	ug/L	1.00	09/16/11 14:30	DY	11I0131	8260B
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**60.2**		48.1	1.72	ug/L	5.00	09/21/11 13:01	MJM	11I0122	8270D
Sample ID: AUI0086-06 (KEN-W-SW-29 - Water)					**Sampled: 09/12/11 16:00**			**Recvd: 09/13/11 08:45**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**39.5**		19.2	0.688	ug/L	2.00	09/21/11 13:22	MJM	11I0122	8270D

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Reported: 09/28/11 12:37

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
KEN-W-SW-9	AUI0086-01	Water	09/12/11 13:45	09/13/11 08:45	
KEN-W-SW-9-DUP	AUI0086-02	Water	09/12/11 13:45	09/13/11 08:45	
KEN-W-SW-11	AUI0086-04	Water	09/12/11 14:20	09/13/11 08:45	
KEN-W-SW-24	AUI0086-05	Water	09/12/11 15:30	09/13/11 08:45	
KEN-W-SW-29	AUI0086-06	Water	09/12/11 16:00	09/13/11 08:45	
KEN-K-EQBLK-SW	AUI0086-07	Water	09/12/11 16:30	09/13/11 08:45	
KEN-K-TBLK-SW1	AUI0086-08	Water	09/12/11 16:45	09/13/11 08:45	

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0086-01 (KEN-W-SW-9 - Water)						**Sampled: 09/12/11 13:45**		**Recvd: 09/13/11 08:45**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	09/16/11 13:40	DY	11I0131	8260B
1,2-Dichloroethane-d4	*91 %*		*Surr Limits:*	*(69-133%)*			*09/16/11 13:40*	*DY*	*11I0131*	*8260B*
4-Bromofluorobenzene	*110 %*		*Surr Limits:*	*(66-124%)*			*09/16/11 13:40*	*DY*	*11I0131*	*8260B*
Dibromofluoromethane	*107 %*		*Surr Limits:*	*(81-127%)*			*09/16/11 13:40*	*DY*	*11I0131*	*8260B*
Toluene-d8	*106 %*		*Surr Limits:*	*(87-121%)*			*09/16/11 13:40*	*DY*	*11I0131*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**28.8**		9.62	0.344	ug/L	1.00	09/20/11 14:27	MJM	11I0122	8270D
2,4,6-Tribromophenol	*109 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 14:27*	*MJM*	*11I0122*	*8270D*
2-Fluorobiphenyl	*93 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 14:27*	*MJM*	*11I0122*	*8270D*
2-Fluorophenol	*92 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 14:27*	*MJM*	*11I0122*	*8270D*
Nitrobenzene-d5	*100 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 14:27*	*MJM*	*11I0122*	*8270D*
Phenol-d5	*92 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 14:27*	*MJM*	*11I0122*	*8270D*
Terphenyl-d14	*110 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 14:27*	*MJM*	*11I0122*	*8270D*

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0086-02 (KEN-W-SW-9-DUP - Water)						**Sampled: 09/12/11 13:45**		**Recvd: 09/13/11 08:45**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	09/16/11 14:05	DY	11I0131	8260B
1,2-Dichloroethane-d4	*91 %*		*Surr Limits:*	*(69-133%)*			*09/16/11 14:05*	*DY*	*11I0131*	*8260B*
4-Bromofluorobenzene	*109 %*		*Surr Limits:*	*(66-124%)*			*09/16/11 14:05*	*DY*	*11I0131*	*8260B*
Dibromofluoromethane	*106 %*		*Surr Limits:*	*(81-127%)*			*09/16/11 14:05*	*DY*	*11I0131*	*8260B*
Toluene-d8	*103 %*		*Surr Limits:*	*(87-121%)*			*09/16/11 14:05*	*DY*	*11I0131*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**32.1**		19.2	0.688	ug/L	2.00	09/21/11 12:39	MJM	11I0122	8270D
2,4,6-Tribromophenol	*98 %*		*Surr Limits:*	*(50-150%)*			*09/21/11 12:39*	*MJM*	*11I0122*	*8270D*
2-Fluorobiphenyl	*98 %*		*Surr Limits:*	*(50-150%)*			*09/21/11 12:39*	*MJM*	*11I0122*	*8270D*
2-Fluorophenol	*96 %*		*Surr Limits:*	*(50-150%)*			*09/21/11 12:39*	*MJM*	*11I0122*	*8270D*
Nitrobenzene-d5	*108 %*		*Surr Limits:*	*(50-150%)*			*09/21/11 12:39*	*MJM*	*11I0122*	*8270D*
Phenol-d5	*98 %*		*Surr Limits:*	*(50-150%)*			*09/21/11 12:39*	*MJM*	*11I0122*	*8270D*
Terphenyl-d14	*124 %*		*Surr Limits:*	*(50-150%)*			*09/21/11 12:39*	*MJM*	*11I0122*	*8270D*

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0086-04 (KEN-W-SW-11 - Water)						**Sampled: 09/12/11 14:20**		**Recvd: 09/13/11 08:45**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	09/16/11 13:15	DY	11I0131	8260B
1,2-Dichloroethane-d4	*91 %*		*Surr Limits:*	*(69-133%)*			*09/16/11 13:15*	*DY*	*11I0131*	*8260B*
4-Bromofluorobenzene	*113 %*		*Surr Limits:*	*(66-124%)*			*09/16/11 13:15*	*DY*	*11I0131*	*8260B*
Dibromofluoromethane	*106 %*		*Surr Limits:*	*(81-127%)*			*09/16/11 13:15*	*DY*	*11I0131*	*8260B*
Toluene-d8	*104 %*		*Surr Limits:*	*(87-121%)*			*09/16/11 13:15*	*DY*	*11I0131*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**16.2**		9.62	0.344	ug/L	1.00	09/20/11 15:10	MJM	11I0122	8270D
2,4,6-Tribromophenol	*101 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 15:10*	*MJM*	*11I0122*	*8270D*
2-Fluorobiphenyl	*88 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 15:10*	*MJM*	*11I0122*	*8270D*
2-Fluorophenol	*91 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 15:10*	*MJM*	*11I0122*	*8270D*
Nitrobenzene-d5	*98 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 15:10*	*MJM*	*11I0122*	*8270D*
Phenol-d5	*90 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 15:10*	*MJM*	*11I0122*	*8270D*
Terphenyl-d14	*102 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 15:10*	*MJM*	*11I0122*	*8270D*

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Reported: 09/28/11 12:37

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0086-05 (KEN-W-SW-24 - Water)						**Sampled: 09/12/11 15:30**		**Recvd: 09/13/11 08:45**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	**0.577**	J	1.00	0.427	ug/L	1.00	09/16/11 14:30	DY	11I0131	8260B
1,2-Dichloroethane-d4	*90 %*		*Surr Limits:*	*(69-133%)*			*09/16/11 14:30*	*DY*	*11I0131*	*8260B*
4-Bromofluorobenzene	*113 %*		*Surr Limits:*	*(66-124%)*			*09/16/11 14:30*	*DY*	*11I0131*	*8260B*
Dibromofluoromethane	*106 %*		*Surr Limits:*	*(81-127%)*			*09/16/11 14:30*	*DY*	*11I0131*	*8260B*
Toluene-d8	*104 %*		*Surr Limits:*	*(87-121%)*			*09/16/11 14:30*	*DY*	*11I0131*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**60.2**		48.1	1.72	ug/L	5.00	09/21/11 13:01	MJM	11I0122	8270D
2,4,6-Tribromophenol	*75 %*		*Surr Limits:*	*(50-150%)*			*09/21/11 13:01*	*MJM*	*11I0122*	*8270D*
2-Fluorobiphenyl	*82 %*		*Surr Limits:*	*(50-150%)*			*09/21/11 13:01*	*MJM*	*11I0122*	*8270D*
2-Fluorophenol	*87 %*		*Surr Limits:*	*(50-150%)*			*09/21/11 13:01*	*MJM*	*11I0122*	*8270D*
Nitrobenzene-d5	*92 %*		*Surr Limits:*	*(50-150%)*			*09/21/11 13:01*	*MJM*	*11I0122*	*8270D*
Phenol-d5	*84 %*		*Surr Limits:*	*(50-150%)*			*09/21/11 13:01*	*MJM*	*11I0122*	*8270D*
Terphenyl-d14	*108 %*		*Surr Limits:*	*(50-150%)*			*09/21/11 13:01*	*MJM*	*11I0122*	*8270D*

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0086-06 (KEN-W-SW-29 - Water)						**Sampled: 09/12/11 16:00**		**Recvd: 09/13/11 08:45**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	09/16/11 14:56	DY	11I0131	8260B
1,2-Dichloroethane-d4	*89 %*		*Surr Limits:*	*(69-133%)*			*09/16/11 14:56*	*DY*	*11I0131*	*8260B*
4-Bromofluorobenzene	*114 %*		*Surr Limits:*	*(66-124%)*			*09/16/11 14:56*	*DY*	*11I0131*	*8260B*
Dibromofluoromethane	*105 %*		*Surr Limits:*	*(81-127%)*			*09/16/11 14:56*	*DY*	*11I0131*	*8260B*
Toluene-d8	*102 %*		*Surr Limits:*	*(87-121%)*			*09/16/11 14:56*	*DY*	*11I0131*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**39.5**		19.2	0.688	ug/L	2.00	09/21/11 13:22	MJM	11I0122	8270D
2,4,6-Tribromophenol	*100 %*		*Surr Limits:*	*(50-150%)*			*09/21/11 13:22*	*MJM*	*11I0122*	*8270D*
2-Fluorobiphenyl	*86 %*		*Surr Limits:*	*(50-150%)*			*09/21/11 13:22*	*MJM*	*11I0122*	*8270D*
2-Fluorophenol	*98 %*		*Surr Limits:*	*(50-150%)*			*09/21/11 13:22*	*MJM*	*11I0122*	*8270D*
Nitrobenzene-d5	*107 %*		*Surr Limits:*	*(50-150%)*			*09/21/11 13:22*	*MJM*	*11I0122*	*8270D*
Phenol-d5	*96 %*		*Surr Limits:*	*(50-150%)*			*09/21/11 13:22*	*MJM*	*11I0122*	*8270D*
Terphenyl-d14	*120 %*		*Surr Limits:*	*(50-150%)*			*09/21/11 13:22*	*MJM*	*11I0122*	*8270D*

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0086-07 (KEN-K-EQBLK-SW - Water)						**Sampled: 09/12/11 16:30**		**Recvd: 09/13/11 08:45**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	09/16/11 15:21	DY	11I0131	8260B
1,2-Dichloroethane-d4	*91 %*		*Surr Limits:*	*(69-133%)*			*09/16/11 15:21*	*DY*	*11I0131*	*8260B*
4-Bromofluorobenzene	*108 %*		*Surr Limits:*	*(66-124%)*			*09/16/11 15:21*	*DY*	*11I0131*	*8260B*
Dibromofluoromethane	*107 %*		*Surr Limits:*	*(81-127%)*			*09/16/11 15:21*	*DY*	*11I0131*	*8260B*
Toluene-d8	*104 %*		*Surr Limits:*	*(87-121%)*			*09/16/11 15:21*	*DY*	*11I0131*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	ND		9.62	0.344	ug/L	1.00	09/20/11 16:15	MJM	11I0122	8270D
2,4,6-Tribromophenol	*115 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 16:15*	*MJM*	*11I0122*	*8270D*
2-Fluorobiphenyl	*95 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 16:15*	*MJM*	*11I0122*	*8270D*
2-Fluorophenol	*102 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 16:15*	*MJM*	*11I0122*	*8270D*
Nitrobenzene-d5	*110 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 16:15*	*MJM*	*11I0122*	*8270D*
Phenol-d5	*102 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 16:15*	*MJM*	*11I0122*	*8270D*
Terphenyl-d14	*132 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 16:15*	*MJM*	*11I0122*	*8270D*

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0086-08 (KEN-K-TBLK-SW1 - Water)						**Sampled: 09/12/11 16:45**		**Recvd: 09/13/11 08:45**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	09/16/11 15:46	DY	11I0131	8260B
1,2-Dichloroethane-d4	*93 %*		*Surr Limits:*	*(69-133%)*			*09/16/11 15:46*	*DY*	*11I0131*	*8260B*
4-Bromofluorobenzene	*108 %*		*Surr Limits:*	*(66-124%)*			*09/16/11 15:46*	*DY*	*11I0131*	*8260B*
Dibromofluoromethane	*107 %*		*Surr Limits:*	*(81-127%)*			*09/16/11 15:46*	*DY*	*11I0131*	*8260B*
Toluene-d8	*105 %*		*Surr Limits:*	*(87-121%)*			*09/16/11 15:46*	*DY*	*11I0131*	*8260B*

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0086

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/13/11
Reported: 09/28/11 12:37

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
Acid and Base/Neutral Extractables by SW846									
8270D	11I0122	AUI0086-01	1,040.00	mL	1.00	mL	09/15/11 14:00	EF	3520C MS Low Level
8270D	11I0122	AUI0086-02	1,040.00	mL	1.00	mL	09/15/11 14:00	EF	3520C MS Low Level
8270D	11I0122	AUI0086-04	1,040.00	mL	1.00	mL	09/15/11 14:00	EF	3520C MS Low Level
8270D	11I0122	AUI0086-05	1,040.00	mL	1.00	mL	09/15/11 14:00	EF	3520C MS Low Level
8270D	11I0122	AUI0086-06	1,040.00	mL	1.00	mL	09/15/11 14:00	EF	3520C MS Low Level
8270D	11I0122	AUI0086-07	1,040.00	mL	1.00	mL	09/15/11 14:00	EF	3520C MS Low Level
Volatile Organic Compounds by SW846 8260B									
8260B	11I0131	AUI0086-01	15.00	mL	15.00	mL	09/16/11 07:53	DY	5030B MS
8260B	11I0131	AUI0086-02	15.00	mL	15.00	mL	09/16/11 07:53	DY	5030B MS
8260B	11I0131	AUI0086-04	15.00	mL	15.00	mL	09/16/11 07:53	DY	5030B MS
8260B	11I0131	AUI0086-05	15.00	mL	15.00	mL	09/16/11 07:53	DY	5030B MS
8260B	11I0131	AUI0086-06	15.00	mL	15.00	mL	09/16/11 07:53	DY	5030B MS
8260B	11I0131	AUI0086-07	15.00	mL	15.00	mL	09/16/11 07:53	DY	5030B MS
8260B	11I0131	AUI0086-08	15.00	mL	15.00	mL	09/16/11 07:53	DY	5030B MS

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0086
Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/13/11
Reported: 09/28/11 12:37

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by SW846 8260B											
Blank Analyzed: 09/16/11 (Lab Number:11I0131-BLK1, Batch: 11I0131)											
1,1-Dichloroethene			1.00	0.427	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*87*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*107*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*104*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*104*	*87-121*			
LCS Analyzed: 09/16/11 (Lab Number:11I0131-BS1, Batch: 11I0131)											
1,1-Dichloroethene		20.00	1.00	0.427	ug/L	20.7	104	62-135			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*90*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*108*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*106*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*106*	*87-121*			
LCS Dup Analyzed: 09/16/11 (Lab Number:11I0131-BSD1, Batch: 11I0131)											
1,1-Dichloroethene		20.00	1.00	0.427	ug/L	20.8	104	62-135	0.3	20	
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*91*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*112*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*104*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*103*	*87-121*			
Matrix Spike Analyzed: 09/16/11 (Lab Number:11I0131-MS1, Batch: 11I0131)											
QC Source Sample: AUI0124-01											
1,1-Dichloroethene	ND	20.00	1.00	0.427	ug/L	23.3	116	62-135			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*90*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*109*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*104*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*103*	*87-121*			
Matrix Spike Analyzed: 09/16/11 (Lab Number:11I0131-MS2, Batch: 11I0131)											
QC Source Sample: AUI0086-04											
1,1-Dichloroethene	ND	20.00	1.00	0.427	ug/L	24.1	120	62-135			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*93*	*69-133*			

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0086

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/13/11
Reported: 09/28/11 12:37

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by SW846 8260B											
Matrix Spike Analyzed: 09/16/11 (Lab Number:11I0131-MS2, Batch: 11I0131)											
QC Source Sample: AUI0086-04											
Surrogate: 4-Bromofluorobenzene					*ug/L*		*109*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*106*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*106*	*87-121*			
Matrix Spike Dup Analyzed: 09/16/11 (Lab Number:11I0131-MSD1, Batch: 11I0131)											
QC Source Sample: AUI0124-01											
1,1-Dichloroethene	ND	20.00	1.00	0.427	ug/L	23.2	116	62-135	0.3	20	
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*89*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*113*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*105*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*105*	*87-121*			
Matrix Spike Dup Analyzed: 09/16/11 (Lab Number:11I0131-MSD2, Batch: 11I0131)											
QC Source Sample: AUI0086-04											
1,1-Dichloroethene	ND	20.00	1.00	0.427	ug/L	24.9	125	62-135	3	20	
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*94*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*110*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*105*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*103*	*87-121*			

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0086

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/13/11
Reported: 09/28/11 12:37

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by SW846											
Blank Analyzed: 09/20/11 (Lab Number:11I0122-BLK1, Batch: 11I0122)											
1,4-Dioxane			10.0	0.358	ug/L	ND					
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*88*	*50-150*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*77*	*50-150*			
Surrogate: 2-Fluorophenol					*ug/L*		*82*	*50-150*			
Surrogate: Nitrobenzene-d5					*ug/L*		*88*	*50-150*			
Surrogate: Phenol-d5					*ug/L*		*83*	*50-150*			
Surrogate: Terphenyl-d14					*ug/L*		*101*	*50-150*			
LCS Analyzed: 09/20/11 (Lab Number:11I0122-BS1, Batch: 11I0122)											
1,4-Dioxane		10.00	10.0	0.358	ug/L	8.77	88	50-150			J
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*109*	*50-150*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*93*	*50-150*			
Surrogate: 2-Fluorophenol					*ug/L*		*91*	*50-150*			
Surrogate: Nitrobenzene-d5					*ug/L*		*102*	*50-150*			
Surrogate: Phenol-d5					*ug/L*		*98*	*50-150*			
Surrogate: Terphenyl-d14					*ug/L*		*112*	*50-150*			
Matrix Spike Analyzed: 09/20/11 (Lab Number:11I0122-MS1, Batch: 11I0122)											
QC Source Sample: AUI0086-04											
1,4-Dioxane	16.2	9.615	9.62	0.344	ug/L	25.5	97	50-150			
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*110*	*50-150*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*101*	*50-150*			
Surrogate: 2-Fluorophenol					*ug/L*		*88*	*50-150*			
Surrogate: Nitrobenzene-d5					*ug/L*		*101*	*50-150*			
Surrogate: Phenol-d5					*ug/L*		*93*	*50-150*			
Surrogate: Terphenyl-d14					*ug/L*		*107*	*50-150*			
Matrix Spike Analyzed: 09/20/11 (Lab Number:11I0122-MS2, Batch: 11I0122)											
QC Source Sample: AUI0124-01											
1,4-Dioxane	15.3	9.615	9.62	0.344	ug/L	23.7	88	50-150			
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*99*	*50-150*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*84*	*50-150*			

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0086

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/13/11
Reported: 09/28/11 12:37

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by SW846											
Matrix Spike Analyzed: 09/20/11 (Lab Number:11I0122-MS2, Batch: 11I0122)											
QC Source Sample: AUI0124-01											
Surrogate: 2-Fluorophenol					*ug/L*		*85*	*50-150*			
Surrogate: Nitrobenzene-d5					*ug/L*		*97*	*50-150*			
Surrogate: Phenol-d5					*ug/L*		*89*	*50-150*			
Surrogate: Terphenyl-d14					*ug/L*		*110*	*50-150*			
Matrix Spike Dup Analyzed: 09/20/11 (Lab Number:11I0122-MSD1, Batch: 11I0122)											
QC Source Sample: AUI0086-04											
1,4-Dioxane	16.2	9.615	9.62	0.344	ug/L	27.1	114	50-150	6	30	
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*103*	*50-150*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*96*	*50-150*			
Surrogate: 2-Fluorophenol					*ug/L*		*90*	*50-150*			
Surrogate: Nitrobenzene-d5					*ug/L*		*98*	*50-150*			
Surrogate: Phenol-d5					*ug/L*		*95*	*50-150*			
Surrogate: Terphenyl-d14					*ug/L*		*110*	*50-150*			
Matrix Spike Dup Analyzed: 09/20/11 (Lab Number:11I0122-MSD2, Batch: 11I0122)											
QC Source Sample: AUI0124-01											
1,4-Dioxane	15.3	9.615	9.62	0.344	ug/L	23.1	82	50-150	2	30	
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*108*	*50-150*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*70*	*50-150*			
Surrogate: 2-Fluorophenol					*ug/L*		*87*	*50-150*			
Surrogate: Nitrobenzene-d5					*ug/L*		*98*	*50-150*			
Surrogate: Phenol-d5					*ug/L*		*95*	*50-150*			
Surrogate: Terphenyl-d14					*ug/L*		*114*	*50-150*			

TestAmerica – Austin Laboratory Chain of Custody Addendum **Work Order Number** AUI0086

RECEIVED BY: RL. CLIENT: Dupont.

DATE/TIME RECEIVED: 9/13/11 0845 PROJECT: KEN GW Sampling 2011

UNPACKED DATE/TIME: 9/13/11 0915 LOGIN BY: [illegible] LOGIN REVIEWED BY: PM

Number of Shipping Containers Received with COC: 2

VOC SAMPLES: ☐ YES **(IF YES, GO TO SECTIONS 1.0, 2.0, 6.0, & 7.0)**

1.0 CONTAINERS EXAMINED UPON RECEIPT: RL.

Container Sealed: ☑ YES ☐ NO Custody Seal Present: ☑ YES ☐ NO Custody Seal Signed/Dated: ☑ YES ☐ NO

If seal not intact list air bill number of that container(s): _____

2.0 VOC CANISTERS EXAMINED UPON RECEIPT: _____

Canister Valves Closed: ☐ YES ☐ NO Canister Valves Capped: ☐ YES ☐ NO

Sample IDs match COC: ☐ YES ☐ NO Other Equipment Received: ☐ YES ☐ NO

Valve Cap Tightened Properly: ☐ YES ☐ NO Can Size: ☐ 6L ☐ 1L Other: _____

Packing Material Used: (circle) None / Absorbent / Paper / Bubble Wrap

Samples received in Tedlar bags ☐ N/A ☐ YES ☐ NO

3.0 CONDITION OF BOTTLES/CONTAINERS **VERIFIED BY:** RL.

Sample IDs match COC: ☑ YES ☐ NO Bottles received intact: ☑ YES ☐ NO

See additional discrepancies/comments section: ☐ YES ☑ NO Samples received from USDA restricted area: ☐ YES ☑ NO

Chain-of-Custody form properly maintained: ☑ YES ☐ NO VOA trip blanks included: ☐ N/A ☑ YES ☐ NO

4.0 SAMPLE TEMPERATURE UPON RECEIPT BY: RL. **IR THERMOMETER #:** ☑ P5 ☐ P7

Container(s) temperature: TB = Temp. Blank and/or SC = Sample Container CF = Correction Factor *[acceptable tolerance ≤6°C]*

TB ☑ SC ☐ Initial 3.6 CF ~0.3	TB ☑ SC ☐ Initial 3.2 CF -0.3	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF
Final 3.3	Final 2.9	Final	Final	Final	Final	Final	Final

If temperature is outside acceptable tolerance, Project Manager was notified (_____PM). Date: _____ Time: _____

Samples received do not require cooling _____ OK to analyze samples: ☑ YES ☐ NO

5.0 PRESERVATION CHECKS

PRESERVATION OF SAMPLES REQUIRED: ☐ N/A ☐ YES ☑ VOA Samples **VERIFIED BY:** RL.

NOTE: pH CHECK OF SAMPLES PERFORMED AT TIME OF ANALYSIS BY BENCH ANALYST

pH CHECK OF VOLATILE SAMPLES PERFORMED AFTER ANALYSIS BY THE BENCH ANALYST.

Cyanide samples checked for sulfides: ☐ YES ☐ NO

Sulfide samples appear to be preserved with zinc acetate: ☐ YES ☐ NO

Chlorine checked per specification (EPA 335.x & N.C.) ☐ YES ☐ NO Free chlorine present: ☐ YES ☐ NO

If preservation is outside acceptable limit, PM notified (_____PM) Date/Time: _____

Volatile samples filled completely: ☐ YES ☑ NO [if no, list ID and approx. amt. of headspace (>6mm) in Comments Section 7.0]

6.0 SHIPPING DOCUMENTATION:

Air/freight bill is available and attached to COC: ☑ YES ☐ NO Air bill #: _____

Hand-delivered Carrier: _____ Date: _____ Time: _____

7.0 OTHER COMMENTS:

- No time or date on Ken-K-TBLK-SW1 voa vials.
- Headspace Ken-K-TBLK-SW1 9mm, 10mm.

8.0 CORRECTIVE ACTION:

Client's Name: _____ Informed verbally on: _____ By: _____

Client's Name: _____ Informed verbally on: _____ By: _____

Sample(s) processed "as is" comments: _____

Samples(s) on hold until: _____ If released, notify: _____

Project Management Login Review: [signature] Date: 9/28/11

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE Revised 07/26/11

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007036-011

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

54365

TAL-4149 (1007)

AUI0086

Client	Project Manager	Date	
DUPONT KINSTON PLANT	MARC HARDER	06/13/2011	Page 11 of 14
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
4693 HIGHWAY 11 NORTH	(252) 341-0912 / (000)	TestAmerica Austin	

City	State	Zip Code	Site Contact
KINSTON	NC	28502-0800	JERRY BAILEY

Project Number/Name	Carrier/Waybill Number
KEN/GW SAMPLING 2011	

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL32668 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-W-SW-9	9/12/11	1345	WATER	40mL	VIAL	4	1:1 HCL	2.9°C 9/13/11	X
KEN-W-SW-9-DUP	↓	1345	WATER	40mL	VIAL	4	1:1 HCL		X
KEN-W-SW-11		1420	WATER	40mL	VIAL	4	1:1 HCL		X
KEN-W-SW-11-MS/MSD		1420	WATER	40mL	VIAL	2	1:1 HCL		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Melanie J. Leary	6/13/11	16:00	1. Received By: Jerry Bailey	9-12-11	[illegible]
2. Relinquished By: Jerry Bailey	9-12-11	1830	2. Received By: Rick Lastle	9/13/11	0845
3. Relinquished By:			3. Received By:		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@007037-007

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

54353

TAL-4149 (1007)

Client	Project Manager	Date
DUPONT KINSTON PLANT	HARDER M	06/13/2011

Page 7 of 9

Address	Telephone Number (Area Code)/Fax Number	Lab Location
4693 HIGHWAY 11 NORTH	(252) 341-0912 / (000)	TestAmerica Austin

City	State	Zip Code	Site Contact
KINSTON	NC	28502-0800	HARDER M

Project Number/Name	Carrier/Waybill Number
KEN/GW SAMPLING 2011	

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL32668 QUOTE: 45870

Analysis: 8270D/LL

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	8270D/LL
KEN-W-SW-9	9/12/11	1345	WATER	1L	AMBER	2	None	3.3°C 9/13/11 (RW)	X
KEN-W-SW-9-DUP	9/12/11	1345	WATER	1L	AMBER	2	None		X
KEN-W-SW-11	9/12/11	1420	WATER	1L	AMBER	2	None		X
KEN-W-SW-11-MS/MSD	9/12/11	1420	WATER	1L	AMBER	2	None		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other _____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Brad [illegible]	6/13/11	1600	1. Received By: Jerry Bailey	9-12-11	0800
2. Relinquished By: Jerry Bailey	9-12-11	1830	2. Received By: Rick [illegible]	9/13/11	0845
3. Relinquished By:			3. Received By:		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@007036-012

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

54366

TAL-4149 (1007)

Client	Project Manager	Date
DUPONT KINSTON PLANT	MARC HARDER	06/13/2011
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**
4693 HIGHWAY 11 NORTH	(252) 341-0912 / (000)	TestAmerica Austin

Page 12 of 14

City	State	Zip Code	Site Contact
KINSTON	NC	28502-0800	JERRY BAILEY

Project Number/Name	Carrier/Waybill Number
KEN/GW SAMPLING 2011	

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL32668 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-W-SW-24	9/12/11 → 15	1530	WATER	40mL	VIAL	4	1:1 HCL	2.9°C 9/13/11	X
KEN-W-SW-29	9/12/11 → 1600	1600	WATER	40mL	VIAL	4	1:1 HCL		X
KEN-K-EQBLK-SW	9/12/11 → 1630	1630	WATER	40mL	VIAL	2	1:1 HCL		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other _____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Melanie J. Leary	6/13/11	16:00	1. Received By: Jerry Bailey	9-12-11	0800
2. Relinquished By: Jerry Bailey	9-12-11	1830	2. Received By: Rick Testa	9/13/11	0845
3. Relinquished By:			3. Received By:		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007037-008

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

54354

TAL-4149 (1007)

Client	Project Manager	Date
DUPONT KINSTON PLANT	HARDER M	06/13/2011

Page 9 of 9

Address	Telephone Number (Area Code)/Fax Number	Lab Location
4693 HIGHWAY 11 NORTH	(252) 341-0912 / (000)	TestAmerica Austin

City	State	Zip Code	Site Contact
KINSTON	NC	28502-0800	HARDER M

Project Number/Name	Carrier/Waybill Number
KEN/GW SAMPLING 2011	

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL32668 QUOTE: 45870

Analysis: 8270D/LL

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	8270D/LL
KEN-W-SW-24	9/12/11	1530	WATER	1L	AMBER	2	None	3.3°c 9/13/11	X
KEN-W-SW-29	↓	1600	WATER	1L	AMBER	2	None		X
KEN-K-EQBLK-SW	↓	1630	WATER	1L	AMBER	1	None		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Bill [illegible]	6/13/11	1605	1. Received By: Jerry Barlow	9-12-11	0800
2. Relinquished By: Jerry Barlow	9-12-11	1830	2. Received By: Rick Lasko	9/13/11	0845
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@007036-013

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

54367

TAL-4149 (1007)

Client	Project Manager	Date
DUPONT KINSTON PLANT	MARC HARDER	06/13/2011
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**
4693 HIGHWAY 11 NORTH	(252) 341-0912 / (000)	TestAmerica Austin

Page 13 of 14

City	State	Zip Code	Site Contact
KINSTON	NC	28502-0800	JERRY BAILEY

Project Number/Name	Carrier/Waybill Number
KEN/GW SAMPLING 2011	

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL32668 QUOTE: 45870

Analysis: MS8260LL

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-K-TBLK-SW1	9/12/11	1145	WATER	40mL	VIAL	2	1:1 HCL	2.9°c 9/13/11	X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify): Jerry Bailey

	Date	Time		Date	Time
1. Relinquished By: Melanie J. Leary	6/13/11	16:00	1. Received By: Jerry Bailey	9-12-11	0800
2. Relinquished By: Jerry Bailey	9-12-11	1830	2. Received By: Rick Lash	9/13/11	0845
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Analytical Report

Work Order: AUI0106

Project Description

KEN GW SAMPLING 2011

For:

Kelly Rinehimer

E.I. du Pont de Nemours and Co

ADQM Services - DuPont CRG 4051 Ogletown Road, Suite 300

Newark, DE 19713

Dane Wacasey

Project Manager

Dane.Wacasey@testamericainc.com

Wednesday, September 28, 2011

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exception to NELAP requirements are noted in this report. Persuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project manager who has signed this report.

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0106

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/14/11
Reported: 09/28/11 13:57

CASE NARRATIVE

This report contains results for the samples received under chain-of-custody by TestAmerica Laboratories, Inc. 9/14/2011.

These samples are associated with your **KEN GW SAMPLING 2011** project.

All samples were received in good condition and within temperature requirements.

All applicable quality control procedures met method specified acceptance criteria except where flagged on the result pages or noted in the case narrative.

If you should have any questions, please feel free to contact me at dane.wacasey@testamericainc.com or (512) 310-5284.

There are pertinent documents appended to this report, 2 pages, are included and are an integral part of this report.

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TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0106

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/14/11
Reported: 09/28/11 13:57

DATA QUALIFIERS AND DEFINITIONS

J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
NR	Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0106

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/14/11
Reported: 09/28/11 13:57

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0106-02 (KEN-G-MW-15 - Water)					**Sampled: 09/13/11 14:25**			**Recvd: 09/14/11 08:45**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**15.8**		9.62	0.344	ug/L	1.00	09/20/11 16:58	MJM	11I0122	8270D
Sample ID: AUI0106-03 (KEN-G-MW-16 - Water)					**Sampled: 09/13/11 11:25**			**Recvd: 09/14/11 08:45**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**0.854**	J	9.62	0.344	ug/L	1.00	09/20/11 17:20	MJM	11I0122	8270D
Sample ID: AUI0106-04 (KEN-G-MW-19 - Water)					**Sampled: 09/13/11 13:35**			**Recvd: 09/14/11 08:45**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**223**		96.2	3.44	ug/L	10.0	09/21/11 13:44	MJM	11I0122	8270D
Sample ID: AUI0106-05 (KEN-G-MW-14A - Water)					**Sampled: 09/13/11 16:10**			**Recvd: 09/14/11 08:45**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**5.07**	J	9.62	0.344	ug/L	1.00	09/20/11 18:03	MJM	11I0122	8270D

E.I. du Pont de Nemours and Co
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Newark, DE 19713

Work Order: AUI0106

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Project Number: KENTEC

Received: 09/14/11
Reported: 09/28/11 13:57

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
KEN-G-MW-14B	AUI0106-01	Water	09/13/11 15:15	09/14/11 08:45	
KEN-G-MW-15	AUI0106-02	Water	09/13/11 14:25	09/14/11 08:45	
KEN-G-MW-16	AUI0106-03	Water	09/13/11 11:25	09/14/11 08:45	
KEN-G-MW-19	AUI0106-04	Water	09/13/11 13:35	09/14/11 08:45	
KEN-G-MW-14A	AUI0106-05	Water	09/13/11 16:10	09/14/11 08:45	

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Newark, DE 19713

Work Order: AUI0106

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/14/11
Reported: 09/28/11 13:57

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0106-01 (KEN-G-MW-14B - Water)						**Sampled: 09/13/11 15:15**		**Recvd: 09/14/11 08:45**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	ND		9.62	0.344	ug/L	1.00	09/20/11 16:36	MJM	11I0122	8270D
2,4,6-Tribromophenol	*99 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 16:36*	*MJM*	*11I0122*	*8270D*
2-Fluorobiphenyl	*78 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 16:36*	*MJM*	*11I0122*	*8270D*
2-Fluorophenol	*96 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 16:36*	*MJM*	*11I0122*	*8270D*
Nitrobenzene-d5	*97 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 16:36*	*MJM*	*11I0122*	*8270D*
Phenol-d5	*94 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 16:36*	*MJM*	*11I0122*	*8270D*
Terphenyl-d14	*112 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 16:36*	*MJM*	*11I0122*	*8270D*

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E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0106

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/14/11
Reported: 09/28/11 13:57

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0106-02 (KEN-G-MW-15 - Water)						**Sampled: 09/13/11 14:25**		**Recvd: 09/14/11 08:45**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**15.8**		9.62	0.344	ug/L	1.00	09/20/11 16:58	MJM	11I0122	8270D
2,4,6-Tribromophenol	*108 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 16:58*	*MJM*	*11I0122*	*8270D*
2-Fluorobiphenyl	*82 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 16:58*	*MJM*	*11I0122*	*8270D*
2-Fluorophenol	*88 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 16:58*	*MJM*	*11I0122*	*8270D*
Nitrobenzene-d5	*95 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 16:58*	*MJM*	*11I0122*	*8270D*
Phenol-d5	*92 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 16:58*	*MJM*	*11I0122*	*8270D*
Terphenyl-d14	*121 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 16:58*	*MJM*	*11I0122*	*8270D*

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THE LEADER IN ENVIRONMENTAL TESTING

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0106

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/14/11
Reported: 09/28/11 13:57

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0106-03 (KEN-G-MW-16 - Water)						**Sampled: 09/13/11 11:25**		**Recvd: 09/14/11 08:45**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**0.854**	J	9.62	0.344	ug/L	1.00	09/20/11 17:20	MJM	11I0122	8270D
2,4,6-Tribromophenol	*105 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 17:20*	*MJM*	*11I0122*	*8270D*
2-Fluorobiphenyl	*80 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 17:20*	*MJM*	*11I0122*	*8270D*
2-Fluorophenol	*91 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 17:20*	*MJM*	*11I0122*	*8270D*
Nitrobenzene-d5	*100 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 17:20*	*MJM*	*11I0122*	*8270D*
Phenol-d5	*95 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 17:20*	*MJM*	*11I0122*	*8270D*
Terphenyl-d14	*118 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 17:20*	*MJM*	*11I0122*	*8270D*

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E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0106

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/14/11
Reported: 09/28/11 13:57

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0106-04 (KEN-G-MW-19 - Water)						**Sampled: 09/13/11 13:35**		**Recvd: 09/14/11 08:45**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**223**		96.2	3.44	ug/L	10.0	09/21/11 13:44	MJM	11I0122	8270D
2,4,6-Tribromophenol	*8 %*	*Z3*	*Surr Limits:*	*(50-150%)*			*09/21/11 13:44*	*MJM*	*11I0122*	*8270D*
2-Fluorobiphenyl	*80 %*		*Surr Limits:*	*(50-150%)*			*09/21/11 13:44*	*MJM*	*11I0122*	*8270D*
2-Fluorophenol	*76 %*		*Surr Limits:*	*(50-150%)*			*09/21/11 13:44*	*MJM*	*11I0122*	*8270D*
Nitrobenzene-d5	*84 %*		*Surr Limits:*	*(50-150%)*			*09/21/11 13:44*	*MJM*	*11I0122*	*8270D*
Phenol-d5	*74 %*		*Surr Limits:*	*(50-150%)*			*09/21/11 13:44*	*MJM*	*11I0122*	*8270D*
Terphenyl-d14	*99 %*		*Surr Limits:*	*(50-150%)*			*09/21/11 13:44*	*MJM*	*11I0122*	*8270D*

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THE LEADER IN ENVIRONMENTAL TESTING

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0106

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/14/11
Reported: 09/28/11 13:57

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0106-05 (KEN-G-MW-14A - Water)						**Sampled: 09/13/11 16:10**		**Recvd: 09/14/11 08:45**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**5.07**	J	9.62	0.344	ug/L	1.00	09/20/11 18:03	MJM	11I0122	8270D
2,4,6-Tribromophenol	*102 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 18:03*	*MJM*	*11I0122*	*8270D*
2-Fluorobiphenyl	*78 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 18:03*	*MJM*	*11I0122*	*8270D*
2-Fluorophenol	*91 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 18:03*	*MJM*	*11I0122*	*8270D*
Nitrobenzene-d5	*96 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 18:03*	*MJM*	*11I0122*	*8270D*
Phenol-d5	*92 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 18:03*	*MJM*	*11I0122*	*8270D*
Terphenyl-d14	*117 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 18:03*	*MJM*	*11I0122*	*8270D*

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0106

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/14/11
Reported: 09/28/11 13:57

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
Acid and Base/Neutral Extractables by SW846									
8270D	11I0122	AUI0106-01	1,040.00	mL	1.00	mL	09/15/11 14:00	EF	3520C MS Low Level
8270D	11I0122	AUI0106-02	1,040.00	mL	1.00	mL	09/15/11 14:00	EF	3520C MS Low Level
8270D	11I0122	AUI0106-03	1,040.00	mL	1.00	mL	09/15/11 14:00	EF	3520C MS Low Level
8270D	11I0122	AUI0106-04	1,040.00	mL	1.00	mL	09/15/11 14:00	EF	3520C MS Low Level
8270D	11I0122	AUI0106-05	1,040.00	mL	1.00	mL	09/15/11 14:00	EF	3520C MS Low Level

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ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0106

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by SW846											
Blank Analyzed: 09/20/11 (Lab Number:11I0122-BLK1, Batch: 11I0122)											
1,4-Dioxane			10.0	0.358	ug/L	ND					
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*88*	*50-150*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*77*	*50-150*			
Surrogate: 2-Fluorophenol					*ug/L*		*82*	*50-150*			
Surrogate: Nitrobenzene-d5					*ug/L*		*88*	*50-150*			
Surrogate: Phenol-d5					*ug/L*		*83*	*50-150*			
Surrogate: Terphenyl-d14					*ug/L*		*101*	*50-150*			
LCS Analyzed: 09/20/11 (Lab Number:11I0122-BS1, Batch: 11I0122)											
1,4-Dioxane		10.00	10.0	0.358	ug/L	8.77	88	50-150			J
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*109*	*50-150*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*93*	*50-150*			
Surrogate: 2-Fluorophenol					*ug/L*		*91*	*50-150*			
Surrogate: Nitrobenzene-d5					*ug/L*		*102*	*50-150*			
Surrogate: Phenol-d5					*ug/L*		*98*	*50-150*			
Surrogate: Terphenyl-d14					*ug/L*		*112*	*50-150*			
Matrix Spike Analyzed: 09/20/11 (Lab Number:11I0122-MS1, Batch: 11I0122)											
QC Source Sample: AUI0086-04											
1,4-Dioxane	16.2	9.615	9.62	0.344	ug/L	25.5	97	50-150			
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*110*	*50-150*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*101*	*50-150*			
Surrogate: 2-Fluorophenol					*ug/L*		*88*	*50-150*			
Surrogate: Nitrobenzene-d5					*ug/L*		*101*	*50-150*			
Surrogate: Phenol-d5					*ug/L*		*93*	*50-150*			
Surrogate: Terphenyl-d14					*ug/L*		*107*	*50-150*			
Matrix Spike Analyzed: 09/20/11 (Lab Number:11I0122-MS2, Batch: 11I0122)											
QC Source Sample: AUI0124-01											
1,4-Dioxane	15.3	9.615	9.62	0.344	ug/L	23.7	88	50-150			
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*99*	*50-150*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*84*	*50-150*			

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0106

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/14/11
Reported: 09/28/11 13:57

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by SW846											
Matrix Spike Analyzed: 09/20/11 (Lab Number:11I0122-MS2, Batch: 11I0122)											
QC Source Sample: AUI0124-01											
Surrogate: 2-Fluorophenol					*ug/L*		*85*	*50-150*			
Surrogate: Nitrobenzene-d5					*ug/L*		*97*	*50-150*			
Surrogate: Phenol-d5					*ug/L*		*89*	*50-150*			
Surrogate: Terphenyl-d14					*ug/L*		*110*	*50-150*			
Matrix Spike Dup Analyzed: 09/20/11 (Lab Number:11I0122-MSD1, Batch: 11I0122)											
QC Source Sample: AUI0086-04											
1,4-Dioxane	16.2	9.615	9.62	0.344	ug/L	27.1	114	50-150	6	30	
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*103*	*50-150*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*96*	*50-150*			
Surrogate: 2-Fluorophenol					*ug/L*		*90*	*50-150*			
Surrogate: Nitrobenzene-d5					*ug/L*		*98*	*50-150*			
Surrogate: Phenol-d5					*ug/L*		*95*	*50-150*			
Surrogate: Terphenyl-d14					*ug/L*		*110*	*50-150*			
Matrix Spike Dup Analyzed: 09/20/11 (Lab Number:11I0122-MSD2, Batch: 11I0122)											
QC Source Sample: AUI0124-01											
1,4-Dioxane	15.3	9.615	9.62	0.344	ug/L	23.1	82	50-150	2	30	
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*108*	*50-150*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*70*	*50-150*			
Surrogate: 2-Fluorophenol					*ug/L*		*87*	*50-150*			
Surrogate: Nitrobenzene-d5					*ug/L*		*98*	*50-150*			
Surrogate: Phenol-d5					*ug/L*		*95*	*50-150*			
Surrogate: Terphenyl-d14					*ug/L*		*114*	*50-150*			

TestAmerica – Austin Laboratory Chain of Custody Addendum **Work Order Number** AUI0106

RECEIVED BY: [signature] CLIENT: DuPont Kinston

DATE/TIME RECEIVED: 9/14/11 845 PROJECT: KEN GW Sampling 2011

UNPACKED DATE/TIME: 9/14/11 945 LOGIN BY: [signature] LOGIN REVIEWED BY: RTM

Number of Shipping Containers Received with COC: 1

VOC SAMPLES: ☐ YES **(IF YES, GO TO SECTIONS 1.0, 2.0, 6.0, & 7.0)**

1.0 CONTAINERS EXAMINED UPON RECEIPT: [signature]

Container Sealed: ☑ YES ☐ NO Custody Seal Present: ☑ YES ☐ NO Custody Seal Signed/Dated: ☑ YES ☐ NO

If seal not intact list air bill number of that container(s): _____

2.0 VOC CANISTERS EXAMINED UPON RECEIPT: _____

Canister Valves Closed: ☐ YES ☐ NO Canister Valves Capped: ☐ YES ☐ NO

Sample IDs match COC: ☐ YES ☐ NO Other Equipment Received: ☐ YES ☐ NO

Valve Cap Tightened Properly: ☐ YES ☐ NO Can Size: ☐ 6L ☐ 1L Other: _____

Packing Material Used: (circle) None / Absorbent / Paper / Bubble Wrap

Samples received in Tedlar bags ☐ N/A ☐ YES ☐ NO

3.0 CONDITION OF BOTTLES/CONTAINERS **VERIFIED BY:** [signature]

Sample IDs match COC: 9/14/11 ☑ YES ☐ NO Bottles received intact: ☑ YES ☐ NO

See additional discrepancies/comments section: ☐ YES ☑ NO Samples received from USDA restricted area: ☐ YES ☑ NO

Chain-of-Custody form properly maintained: ☑ YES ☐ NO VOA trip blanks included: ☐ N/A ☐ YES ☑ NO

4.0 SAMPLE TEMPERATURE UPON RECEIPT BY: [signature] **IR THERMOMETER #:** ☐ P5 ☐ P7

Container(s) temperature: TB = Temp. Blank and/or SC = Sample Container CF = Correction Factor ***[acceptable tolerance ≤6°C]***

TB ☑ SC ☐ Initial 2.1 CF = 0.3	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF
Final 1.8	Final	Final	Final	Final	Final	Final	Final

If temperature is outside acceptable tolerance, Project Manager was notified (_____PM). Date: _____ Time: _____

Samples received do not require cooling _____ OK to analyze samples: ☐ YES ☐ NO

5.0 PRESERVATION CHECKS

PRESERVATION OF SAMPLES REQUIRED: ☑ N/A ☐ YES ☐ VOA Samples **VERIFIED BY:** [signature]

NOTE: pH CHECK OF SAMPLES PERFORMED AT TIME OF ANALYSIS BY BENCH ANALYST

pH CHECK OF VOLATILE SAMPLES PERFORMED AFTER ANALYSIS BY THE BENCH ANALYST.

Cyanide samples checked for sulfides: ☐ YES ☐ NO

Sulfide samples appear to be preserved with zinc acetate: ☐ YES ☐ NO

Chlorine checked per specification (EPA 335.x & N.C.) ☐ YES ☐ NO Free chlorine present: ☐ YES ☐ NO

If preservation is outside acceptable limit, PM notified (_____PM) Date/Time: _____

Volatile samples filled completely: ☐ YES ☐ NO [if no, list ID and approx. amt. of headspace (>6mm) in Comments Section 7.0]

6.0 SHIPPING DOCUMENTATION:

Air/freight bill is available and attached to COC: ☑ YES ☐ NO Air bill #: _____

Hand-delivered Carrier: _____ Date: _____ Time: _____

7.0 OTHER COMMENTS: We did not Receive MW-1, MW-3, MW-4A.

↓

Rec'd 9/15/11 - Logged on AUI0124

8.0 CORRECTIVE ACTION:

Client's Name: _____ Informed verbally on: _____ By: _____

Client's Name: _____ Informed verbally on: _____ By: _____

Sample(s) processed "as is" comments: _____

Samples(s) on hold until: _____ If released, notify: _____

Project Management Login Review: [signature] for DW Date: 9/15/11

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE Revised 07/26/11

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$Q0007037-005

AUI 0106

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

54351

TAL-4149 (1007)

Client	Project Manager	Date	
DUPONT KINSTON PLANT	HARDER M	06/13/2011	Page 5 of 8
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
4693 HIGHWAY 11 NORTH	(252) 341-0912 / (000)	TestAmerica Austin	

City	State	Zip Code	Site Contact
KINSTON	NC	28502-0800	HARDER M

Project Number/Name: KEN/GW SAMPLING 2011

Carrier/Waybill Number:

Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL32668 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	8270D/LL
KEN-G-MW-14B	9/13/11	1515	WATER	1L	AMBER	2	None	1.8 c 9/14/11	X
KEN-G-MW-15		1425	WATER	1L	AMBER	2	None	See COCAdd	X
KEN-G-MW-16		1125	WATER	1L	AMBER	2	None		X
KEN-G-MW-19		1335	WATER	1L	AMBER	2	None		X
KEN-G-MW-14A		1610	WATER	1L	AMBER	2	None		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: Bill [illegible]	6/13/11	1600	1. Received By: Jerry Bailey	9-13-11	0800
2. Relinquished By: Jerry Bailey	9-13-11	1830	2. Received By: [illegible]	9/14/11	845
3. Relinquished By			3. Received By		

Comments:

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Analytical Report

Work Order: AUI0124

Project Description

KEN GW SAMPLING 2011

For:

Kelly Rinehimer

E.I. du Pont de Nemours and Co

ADQM Services - DuPont CRG 4051 Ogletown Road, Suite 300

Newark, DE 19713

Dane Wacasey

Project Manager

Dane.Wacasey@testamericainc.com

Wednesday, September 28, 2011

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exception to NELAP requirements are noted in this report. Persuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project manager who has signed this report.

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0124

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/15/11
Reported: 09/28/11 14:05

CASE NARRATIVE

This report contains results for the samples received under chain-of-custody by TestAmerica Laboratories, Inc. 9/15/2011.

These samples are associated with your **KEN GW SAMPLING 2011** project.

All samples were received in good condition and within temperature requirements.

All applicable quality control procedures met method specified acceptance criteria except where flagged on the result pages or noted in the case narrative.

If you should have any questions, please feel free to contact me at dane.wacasey@testamericainc.com or (512) 310-5284.

There are pertinent documents appended to this report, 5 pages, are included and are an integral part of this report.

Reproduction of this analytical report is permitted only in its entirety. This report shall not be reproduced except in full without the written approval of the laboratory.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0124

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/15/11
Reported: 09/28/11 14:05

DATA QUALIFIERS AND DEFINITIONS

J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
NR	Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0124

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/15/11
Reported: 09/28/11 14:05

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0124-01 (KEN-G-MW-1 - Water)					**Sampled: 09/13/11 09:10**			**Recvd: 09/15/11 09:30**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**15.3**		9.62	0.344	ug/L	1.00	09/20/11 18:24	MJM	11I0122	8270D
Sample ID: AUI0124-02 (KEN-G-MW-3 - Water)					**Sampled: 09/13/11 10:10**			**Recvd: 09/15/11 09:30**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	**2.58**		1.00	0.427	ug/L	1.00	09/16/11 12:50	DY	11I0131	8260B
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**16.0**		9.62	0.344	ug/L	1.00	09/20/11 18:46	MJM	11I0122	8270D
Sample ID: AUI0124-03 (KEN-G-MW-4A - Water)					**Sampled: 09/13/11 08:10**			**Recvd: 09/15/11 09:30**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	**0.965**	J	1.00	0.427	ug/L	1.00	09/16/11 16:11	DY	11I0131	8260B
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**288**		192	6.88	ug/L	20.0	09/21/11 14:32	MJM	11I0122	8270D
Sample ID: AUI0124-05 (KEN-G-MW-15 - Water)					**Sampled: 09/13/11 14:25**			**Recvd: 09/15/11 09:30**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	**0.619**	J	1.00	0.427	ug/L	1.00	09/16/11 17:01	DY	11I0131	8260B

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0124

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/15/11
Reported: 09/28/11 14:05

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
KEN-G-MW-1	AUI0124-01	Water	09/13/11 09:10	09/15/11 09:30	
KEN-G-MW-3	AUI0124-02	Water	09/13/11 10:10	09/15/11 09:30	
KEN-G-MW-4A	AUI0124-03	Water	09/13/11 08:10	09/15/11 09:30	
KEN-G-MW-14B	AUI0124-04	Water	09/13/11 15:15	09/15/11 09:30	
KEN-G-MW-15	AUI0124-05	Water	09/13/11 14:25	09/15/11 09:30	
KEN-G-MW-19	AUI0124-06	Water	09/13/11 13:35	09/15/11 09:30	
KEN-G-MW-16	AUI0124-07	Water	09/13/11 11:25	09/15/11 09:30	
KEN-G-MW-14A	AUI0124-08	Water	09/13/11 16:10	09/15/11 09:30	
KEN-K-TBLK-GW1	AUI0124-09	Water	09/13/11 16:20	09/15/11 09:30	

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E.I. du Pont de Nemours and Co
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Newark, DE 19713

Work Order: AUI0124

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/15/11
Reported: 09/28/11 14:05

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0124-01 (KEN-G-MW-1 - Water)						**Sampled: 09/13/11 09:10**		**Recvd: 09/15/11 09:30**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	09/16/11 11:35	DY	11I0131	8260B
1,2-Dichloroethane-d4	*91 %*		*Surr Limits:*	*(69-133%)*			*09/16/11 11:35*	*DY*	*11I0131*	*8260B*
4-Bromofluorobenzene	*110 %*		*Surr Limits:*	*(66-124%)*			*09/16/11 11:35*	*DY*	*11I0131*	*8260B*
Dibromofluoromethane	*103 %*		*Surr Limits:*	*(81-127%)*			*09/16/11 11:35*	*DY*	*11I0131*	*8260B*
Toluene-d8	*101 %*		*Surr Limits:*	*(87-121%)*			*09/16/11 11:35*	*DY*	*11I0131*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**15.3**		9.62	0.344	ug/L	1.00	09/20/11 18:24	MJM	11I0122	8270D
2,4,6-Tribromophenol	*98 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 18:24*	*MJM*	*11I0122*	*8270D*
2-Fluorobiphenyl	*64 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 18:24*	*MJM*	*11I0122*	*8270D*
2-Fluorophenol	*84 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 18:24*	*MJM*	*11I0122*	*8270D*
Nitrobenzene-d5	*94 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 18:24*	*MJM*	*11I0122*	*8270D*
Phenol-d5	*88 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 18:24*	*MJM*	*11I0122*	*8270D*
Terphenyl-d14	*109 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 18:24*	*MJM*	*11I0122*	*8270D*

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THE LEADER IN ENVIRONMENTAL TESTING

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0124

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/15/11
Reported: 09/28/11 14:05

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0124-02 (KEN-G-MW-3 - Water)						**Sampled: 09/13/11 10:10**		**Recvd: 09/15/11 09:30**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	**2.58**		1.00	0.427	ug/L	1.00	09/16/11 12:50	DY	11I0131	8260B
1,2-Dichloroethane-d4	*92 %*		*Surr Limits:*	*(69-133%)*			*09/16/11 12:50*	*DY*	*11I0131*	*8260B*
4-Bromofluorobenzene	*111 %*		*Surr Limits:*	*(66-124%)*			*09/16/11 12:50*	*DY*	*11I0131*	*8260B*
Dibromofluoromethane	*107 %*		*Surr Limits:*	*(81-127%)*			*09/16/11 12:50*	*DY*	*11I0131*	*8260B*
Toluene-d8	*104 %*		*Surr Limits:*	*(87-121%)*			*09/16/11 12:50*	*DY*	*11I0131*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**16.0**		9.62	0.344	ug/L	1.00	09/20/11 18:46	MJM	11I0122	8270D
2,4,6-Tribromophenol	*106 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 18:46*	*MJM*	*11I0122*	*8270D*
2-Fluorobiphenyl	*74 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 18:46*	*MJM*	*11I0122*	*8270D*
2-Fluorophenol	*90 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 18:46*	*MJM*	*11I0122*	*8270D*
Nitrobenzene-d5	*96 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 18:46*	*MJM*	*11I0122*	*8270D*
Phenol-d5	*91 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 18:46*	*MJM*	*11I0122*	*8270D*
Terphenyl-d14	*116 %*		*Surr Limits:*	*(50-150%)*			*09/20/11 18:46*	*MJM*	*11I0122*	*8270D*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0124

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/15/11
Reported: 09/28/11 14:05

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0124-03 (KEN-G-MW-4A - Water)						**Sampled: 09/13/11 08:10**		**Recvd: 09/15/11 09:30**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	**0.965**	J	1.00	0.427	ug/L	1.00	09/16/11 16:11	DY	11I0131	8260B
1,2-Dichloroethane-d4	*93 %*		*Surr Limits:*	*(69-133%)*			*09/16/11 16:11*	*DY*	*11I0131*	*8260B*
4-Bromofluorobenzene	*111 %*		*Surr Limits:*	*(66-124%)*			*09/16/11 16:11*	*DY*	*11I0131*	*8260B*
Dibromofluoromethane	*107 %*		*Surr Limits:*	*(81-127%)*			*09/16/11 16:11*	*DY*	*11I0131*	*8260B*
Toluene-d8	*103 %*		*Surr Limits:*	*(87-121%)*			*09/16/11 16:11*	*DY*	*11I0131*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**288**		192	6.88	ug/L	20.0	09/21/11 14:32	MJM	11I0122	8270D
2,4,6-Tribromophenol	*33 %*	*Z3*	*Surr Limits:*	*(50-150%)*			*09/21/11 14:32*	*MJM*	*11I0122*	*8270D*
2-Fluorobiphenyl	*83 %*		*Surr Limits:*	*(50-150%)*			*09/21/11 14:32*	*MJM*	*11I0122*	*8270D*
2-Fluorophenol	*80 %*		*Surr Limits:*	*(50-150%)*			*09/21/11 14:32*	*MJM*	*11I0122*	*8270D*
Nitrobenzene-d5	*85 %*		*Surr Limits:*	*(50-150%)*			*09/21/11 14:32*	*MJM*	*11I0122*	*8270D*
Phenol-d5	*65 %*		*Surr Limits:*	*(50-150%)*			*09/21/11 14:32*	*MJM*	*11I0122*	*8270D*
Terphenyl-d14	*111 %*		*Surr Limits:*	*(50-150%)*			*09/21/11 14:32*	*MJM*	*11I0122*	*8270D*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0124

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/15/11
Reported: 09/28/11 14:05

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0124-04 (KEN-G-MW-14B - Water)						**Sampled: 09/13/11 15:15**		**Recvd: 09/15/11 09:30**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	09/16/11 16:36	DY	11I0131	8260B
1,2-Dichloroethane-d4	*93 %*		*Surr Limits:*	*(69-133%)*			*09/16/11 16:36*	*DY*	*11I0131*	*8260B*
4-Bromofluorobenzene	*109 %*		*Surr Limits:*	*(66-124%)*			*09/16/11 16:36*	*DY*	*11I0131*	*8260B*
Dibromofluoromethane	*109 %*		*Surr Limits:*	*(81-127%)*			*09/16/11 16:36*	*DY*	*11I0131*	*8260B*
Toluene-d8	*105 %*		*Surr Limits:*	*(87-121%)*			*09/16/11 16:36*	*DY*	*11I0131*	*8260B*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0124

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/15/11
Reported: 09/28/11 14:05

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0124-05 (KEN-G-MW-15 - Water)						**Sampled: 09/13/11 14:25**		**Recvd: 09/15/11 09:30**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	**0.619**	J	1.00	0.427	ug/L	1.00	09/16/11 17:01	DY	11I0131	8260B
1,2-Dichloroethane-d4	*94 %*		*Surr Limits:*	*(69-133%)*			*09/16/11 17:01*	*DY*	*11I0131*	*8260B*
4-Bromofluorobenzene	*109 %*		*Surr Limits:*	*(66-124%)*			*09/16/11 17:01*	*DY*	*11I0131*	*8260B*
Dibromofluoromethane	*106 %*		*Surr Limits:*	*(81-127%)*			*09/16/11 17:01*	*DY*	*11I0131*	*8260B*
Toluene-d8	*104 %*		*Surr Limits:*	*(87-121%)*			*09/16/11 17:01*	*DY*	*11I0131*	*8260B*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0124

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/15/11
Reported: 09/28/11 14:05

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0124-06 (KEN-G-MW-19 - Water)						**Sampled: 09/13/11 13:35**		**Recvd: 09/15/11 09:30**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	09/19/11 13:15	DY	11I0151	8260B
1,2-Dichloroethane-d4	*88 %*		*Surr Limits:*	*(69-133%)*			*09/19/11 13:15*	*DY*	*11I0151*	*8260B*
4-Bromofluorobenzene	*110 %*		*Surr Limits:*	*(66-124%)*			*09/19/11 13:15*	*DY*	*11I0151*	*8260B*
Dibromofluoromethane	*107 %*		*Surr Limits:*	*(81-127%)*			*09/19/11 13:15*	*DY*	*11I0151*	*8260B*
Toluene-d8	*105 %*		*Surr Limits:*	*(87-121%)*			*09/19/11 13:15*	*DY*	*11I0151*	*8260B*

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Newark, DE 19713

Work Order: AUI0124

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/15/11
Reported: 09/28/11 14:05

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0124-07 (KEN-G-MW-16 - Water)						**Sampled: 09/13/11 11:25**		**Recvd: 09/15/11 09:30**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	09/19/11 13:40	DY	11I0151	8260B
1,2-Dichloroethane-d4	*89 %*		*Surr Limits:*	*(69-133%)*			*09/19/11 13:40*	*DY*	*11I0151*	*8260B*
4-Bromofluorobenzene	*109 %*		*Surr Limits:*	*(66-124%)*			*09/19/11 13:40*	*DY*	*11I0151*	*8260B*
Dibromofluoromethane	*108 %*		*Surr Limits:*	*(81-127%)*			*09/19/11 13:40*	*DY*	*11I0151*	*8260B*
Toluene-d8	*105 %*		*Surr Limits:*	*(87-121%)*			*09/19/11 13:40*	*DY*	*11I0151*	*8260B*

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Newark, DE 19713

Work Order: AUI0124

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/15/11
Reported: 09/28/11 14:05

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0124-08 (KEN-G-MW-14A - Water)						**Sampled: 09/13/11 16:10**		**Recvd: 09/15/11 09:30**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	09/19/11 14:06	DY	11I0151	8260B
1,2-Dichloroethane-d4	*90 %*		*Surr Limits:*	*(69-133%)*			*09/19/11 14:06*	*DY*	*11I0151*	*8260B*
4-Bromofluorobenzene	*111 %*		*Surr Limits:*	*(66-124%)*			*09/19/11 14:06*	*DY*	*11I0151*	*8260B*
Dibromofluoromethane	*107 %*		*Surr Limits:*	*(81-127%)*			*09/19/11 14:06*	*DY*	*11I0151*	*8260B*
Toluene-d8	*103 %*		*Surr Limits:*	*(87-121%)*			*09/19/11 14:06*	*DY*	*11I0151*	*8260B*

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Work Order: AUI0124

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/15/11
Reported: 09/28/11 14:05

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0124-09 (KEN-K-TBLK-GW1 - Water)						**Sampled: 09/13/11 16:20**		**Recvd: 09/15/11 09:30**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	09/19/11 14:31	DY	11I0151	8260B
1,2-Dichloroethane-d4	*90 %*		*Surr Limits:*	*(69-133%)*			*09/19/11 14:31*	*DY*	*11I0151*	*8260B*
4-Bromofluorobenzene	*108 %*		*Surr Limits:*	*(66-124%)*			*09/19/11 14:31*	*DY*	*11I0151*	*8260B*
Dibromofluoromethane	*106 %*		*Surr Limits:*	*(81-127%)*			*09/19/11 14:31*	*DY*	*11I0151*	*8260B*
Toluene-d8	*103 %*		*Surr Limits:*	*(87-121%)*			*09/19/11 14:31*	*DY*	*11I0151*	*8260B*

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Received: 09/15/11
Reported: 09/28/11 14:05

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
Acid and Base/Neutral Extractables by SW846									
8270D	11I0122	AUI0124-01	1,040.00	mL	1.00	mL	09/15/11 14:00	EF	3520C MS Low Level
8270D	11I0122	AUI0124-02	1,040.00	mL	1.00	mL	09/15/11 14:00	EF	3520C MS Low Level
8270D	11I0122	AUI0124-03	1,040.00	mL	1.00	mL	09/15/11 14:00	EF	3520C MS Low Level
Volatile Organic Compounds by SW846 8260B									
8260B	11I0131	AUI0124-01	15.00	mL	15.00	mL	09/16/11 07:53	DY	5030B MS
8260B	11I0131	AUI0124-02	15.00	mL	15.00	mL	09/16/11 07:53	DY	5030B MS
8260B	11I0131	AUI0124-03	15.00	mL	15.00	mL	09/16/11 07:53	DY	5030B MS
8260B	11I0131	AUI0124-04	15.00	mL	15.00	mL	09/16/11 07:53	DY	5030B MS
8260B	11I0131	AUI0124-05	15.00	mL	15.00	mL	09/16/11 07:53	DY	5030B MS
8260B	11I0151	AUI0124-06	15.00	mL	15.00	mL	09/19/11 08:22	DY	5030B MS
8260B	11I0151	AUI0124-07	15.00	mL	15.00	mL	09/19/11 08:22	DY	5030B MS
8260B	11I0151	AUI0124-08	15.00	mL	15.00	mL	09/19/11 08:22	DY	5030B MS
8260B	11I0151	AUI0124-09	15.00	mL	15.00	mL	09/19/11 08:22	DY	5030B MS

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Received: 09/15/11
Reported: 09/28/11 14:05

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by SW846 8260B											
Blank Analyzed: 09/16/11 (Lab Number:11I0131-BLK1, Batch: 11I0131)											
1,1-Dichloroethene			1.00	0.427	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*87*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*107*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*104*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*104*	*87-121*			
LCS Analyzed: 09/16/11 (Lab Number:11I0131-BS1, Batch: 11I0131)											
1,1-Dichloroethene		20.00	1.00	0.427	ug/L	20.7	104	62-135			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*90*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*108*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*106*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*106*	*87-121*			
LCS Dup Analyzed: 09/16/11 (Lab Number:11I0131-BSD1, Batch: 11I0131)											
1,1-Dichloroethene		20.00	1.00	0.427	ug/L	20.8	104	62-135	0.3	20	
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*91*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*112*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*104*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*103*	*87-121*			
Matrix Spike Analyzed: 09/16/11 (Lab Number:11I0131-MS1, Batch: 11I0131)											
QC Source Sample: AUI0124-01											
1,1-Dichloroethene	ND	20.00	1.00	0.427	ug/L	23.3	116	62-135			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*90*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*109*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*104*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*103*	*87-121*			
Matrix Spike Analyzed: 09/16/11 (Lab Number:11I0131-MS2, Batch: 11I0131)											
QC Source Sample: AUI0086-04											
1,1-Dichloroethene	ND	20.00	1.00	0.427	ug/L	24.1	120	62-135			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*93*	*69-133*			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by SW846 8260B											
Matrix Spike Analyzed: 09/16/11 (Lab Number:11I0131-MS2, Batch: 11I0131)											
QC Source Sample: AUI0086-04											
Surrogate: 4-Bromofluorobenzene					*ug/L*		*109*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*106*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*106*	*87-121*			
Matrix Spike Dup Analyzed: 09/16/11 (Lab Number:11I0131-MSD1, Batch: 11I0131)											
QC Source Sample: AUI0124-01											
1,1-Dichloroethene	ND	20.00	1.00	0.427	ug/L	23.2	116	62-135	0.3	20	
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*89*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*113*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*105*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*105*	*87-121*			
Matrix Spike Dup Analyzed: 09/16/11 (Lab Number:11I0131-MSD2, Batch: 11I0131)											
QC Source Sample: AUI0086-04											
1,1-Dichloroethene	ND	20.00	1.00	0.427	ug/L	24.9	125	62-135	3	20	
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*94*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*110*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*105*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*103*	*87-121*			
Volatile Organic Compounds by SW846 8260B											
Blank Analyzed: 09/19/11 (Lab Number:11I0151-BLK1, Batch: 11I0151)											
1,1-Dichloroethene			1.00	0.427	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*89*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*111*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*107*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*105*	*87-121*			
LCS Analyzed: 09/19/11 (Lab Number:11I0151-BS1, Batch: 11I0151)											
1,1-Dichloroethene		20.00	1.00	0.427	ug/L	20.6	103	62-135			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*91*	*69-133*			

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Reported: 09/28/11 14:05

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by SW846 8260B											
LCS Analyzed: 09/19/11 (Lab Number:11I0151-BS1, Batch: 11I0151)											
Surrogate: 4-Bromofluorobenzene					*ug/L*		*113*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*108*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*108*	*87-121*			
LCS Dup Analyzed: 09/19/11 (Lab Number:11I0151-BSD1, Batch: 11I0151)											
1,1-Dichloroethene		20.00	1.00	0.427	ug/L	20.0	100	62-135	3	20	
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*90*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*111*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*106*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*108*	*87-121*			
Matrix Spike Analyzed: 09/19/11 (Lab Number:11I0151-MS1, Batch: 11I0151)											
QC Source Sample: AUI0105-06											
1,1-Dichloroethene	ND	400.0	20.0	8.53	ug/L	416	104	62-135			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*89*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*111*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*105*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*105*	*87-121*			
Matrix Spike Dup Analyzed: 09/19/11 (Lab Number:11I0151-MSD1, Batch: 11I0151)											
QC Source Sample: AUI0105-06											
1,1-Dichloroethene	ND	400.0	20.0	8.53	ug/L	407	102	62-135	2	20	
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*91*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*112*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*106*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*106*	*87-121*			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by SW846											
Blank Analyzed: 09/20/11 (Lab Number:11I0122-BLK1, Batch: 11I0122)											
1,4-Dioxane			10.0	0.358	ug/L	ND					
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*88*	*50-150*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*77*	*50-150*			
Surrogate: 2-Fluorophenol					*ug/L*		*82*	*50-150*			
Surrogate: Nitrobenzene-d5					*ug/L*		*88*	*50-150*			
Surrogate: Phenol-d5					*ug/L*		*83*	*50-150*			
Surrogate: Terphenyl-d14					*ug/L*		*101*	*50-150*			
LCS Analyzed: 09/20/11 (Lab Number:11I0122-BS1, Batch: 11I0122)											
1,4-Dioxane		10.00	10.0	0.358	ug/L	8.77	88	50-150			J
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*109*	*50-150*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*93*	*50-150*			
Surrogate: 2-Fluorophenol					*ug/L*		*91*	*50-150*			
Surrogate: Nitrobenzene-d5					*ug/L*		*102*	*50-150*			
Surrogate: Phenol-d5					*ug/L*		*98*	*50-150*			
Surrogate: Terphenyl-d14					*ug/L*		*112*	*50-150*			
Matrix Spike Analyzed: 09/20/11 (Lab Number:11I0122-MS1, Batch: 11I0122)											
QC Source Sample: AUI0086-04											
1,4-Dioxane	16.2	9.615	9.62	0.344	ug/L	25.5	97	50-150			
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*110*	*50-150*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*101*	*50-150*			
Surrogate: 2-Fluorophenol					*ug/L*		*88*	*50-150*			
Surrogate: Nitrobenzene-d5					*ug/L*		*101*	*50-150*			
Surrogate: Phenol-d5					*ug/L*		*93*	*50-150*			
Surrogate: Terphenyl-d14					*ug/L*		*107*	*50-150*			
Matrix Spike Analyzed: 09/20/11 (Lab Number:11I0122-MS2, Batch: 11I0122)											
QC Source Sample: AUI0124-01											
1,4-Dioxane	15.3	9.615	9.62	0.344	ug/L	23.7	88	50-150			
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*99*	*50-150*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*84*	*50-150*			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by SW846											
Matrix Spike Analyzed: 09/20/11 (Lab Number:11I0122-MS2, Batch: 11I0122)											
QC Source Sample: AUI0124-01											
Surrogate: 2-Fluorophenol					*ug/L*		*85*	*50-150*			
Surrogate: Nitrobenzene-d5					*ug/L*		*97*	*50-150*			
Surrogate: Phenol-d5					*ug/L*		*89*	*50-150*			
Surrogate: Terphenyl-d14					*ug/L*		*110*	*50-150*			
Matrix Spike Dup Analyzed: 09/20/11 (Lab Number:11I0122-MSD1, Batch: 11I0122)											
QC Source Sample: AUI0086-04											
1,4-Dioxane	16.2	9.615	9.62	0.344	ug/L	27.1	114	50-150	6	30	
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*103*	*50-150*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*96*	*50-150*			
Surrogate: 2-Fluorophenol					*ug/L*		*90*	*50-150*			
Surrogate: Nitrobenzene-d5					*ug/L*		*98*	*50-150*			
Surrogate: Phenol-d5					*ug/L*		*95*	*50-150*			
Surrogate: Terphenyl-d14					*ug/L*		*110*	*50-150*			
Matrix Spike Dup Analyzed: 09/20/11 (Lab Number:11I0122-MSD2, Batch: 11I0122)											
QC Source Sample: AUI0124-01											
1,4-Dioxane	15.3	9.615	9.62	0.344	ug/L	23.1	82	50-150	2	30	
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*108*	*50-150*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*70*	*50-150*			
Surrogate: 2-Fluorophenol					*ug/L*		*87*	*50-150*			
Surrogate: Nitrobenzene-d5					*ug/L*		*98*	*50-150*			
Surrogate: Phenol-d5					*ug/L*		*95*	*50-150*			
Surrogate: Terphenyl-d14					*ug/L*		*114*	*50-150*			

TestAmerica – Austin Laboratory Chain of Custody Addendum **Work Order Number** AUI0124

RECEIVED BY: BJ CLIENT: EI Dupont

DATE/TIME RECEIVED: 9/15/11 0930 PROJECT: KEN GW Sampling 2011

UNPACKED DATE/TIME: 9/15/11 1000 LOGIN BY: BJ LOGIN REVIEWED BY: TM

Number of Shipping Containers Received with COC: 1

VOC SAMPLES: ☐ YES **(IF YES, GO TO SECTIONS 1.0, 2.0, 6.0, & 7.0)**

1.0 CONTAINERS EXAMINED UPON RECEIPT: BJ

Container Sealed: ☑ YES ☐ NO Custody Seal Present: ☑ YES ☐ NO Custody Seal Signed/Dated: ☑ YES ☐ NO

If seal not intact list air bill number of that container(s): _____

2.0 VOC CANISTERS EXAMINED UPON RECEIPT: _____

Canister Valves Closed: ☐ YES ☐ NO Canister Valves Capped: ☐ YES ☐ NO

Sample IDs match COC: ☐ YES ☐ NO Other Equipment Received: ☐ YES ☐ NO

Valve Cap Tightened Properly: ☐ YES ☐ NO Can Size: ☐ 6L ☐ 1L Other: _____

Packing Material Used: (circle) None / Absorbent / Paper / Bubble Wrap

Samples received in Tedlar bags ☐ N/A ☐ YES ☐ NO

3.0 CONDITION OF BOTTLES/CONTAINERS **VERIFIED BY:** BJ

Sample IDs match COC: ☑ YES ☐ NO Bottles received intact: ☑ YES ☐ NO

See additional discrepancies/comments section: ☐ YES ☑ NO Samples received from USDA restricted area: ☐ YES ☑ NO

Chain-of-Custody form properly maintained: ☑ YES ☐ NO VOA trip blanks included: 2 ☐ N/A ☑ YES ☐ NO

4.0 SAMPLE TEMPERATURE UPON RECEIPT BY: BJ **IR THERMOMETER #:** ☑ P5 ☐ P7

Container(s) temperature: TB = Temp. Blank and/or SC = Sample Container CF = Correction Factor *[acceptable tolerance ≤6°C]*

TB☑ SC☐ Initial 4.5 CF -0.3	TB☐ SC☐ Initial CF	TB☐ SC☐ Initial CF	TB☐ SC☐ Initial CF	TB☐ SC☐ Initial CF	TB☐ SC☐ Initial CF	TB☐ SC☐ Initial CF	TB☐ SC☐ Initial CF
Final 4.2	Final	Final	Final	Final	Final	Final	Final

If temperature is outside acceptable tolerance, Project Manager was notified (_____PM). Date: _____ Time: _____

Samples received do not require cooling _____ OK to analyze samples: ☑ YES ☐ NO

5.0 PRESERVATION CHECKS

PRESERVATION OF SAMPLES REQUIRED: ☐ N/A ☐ YES ☑ VOA Samples **VERIFIED BY:** BJ

NOTE: pH CHECK OF SAMPLES PERFORMED AT TIME OF ANALYSIS BY BENCH ANALYST

pH CHECK OF VOLATILE SAMPLES PERFORMED AFTER ANALYSIS BY THE BENCH ANALYST.

Cyanide samples checked for sulfides: ☐ YES ☐ NO

Sulfide samples appear to be preserved with zinc acetate: ☐ YES ☐ NO

Chlorine checked per specification (EPA 335.x & N.C.) ☐ YES ☐ NO Free chlorine present: ☐ YES ☐ NO

If preservation is outside acceptable limit, PM notified (_____PM) Date/Time: _____

Volatile samples filled completely: ☑ YES ☐ NO [if no, list ID and approx. amt. of headspace (>6mm) in Comments Section 7.0]

6.0 SHIPPING DOCUMENTATION:

Air/freight bill is available and attached to COC: ☑ YES ☐ NO Air bill #: _____

Hand-delivered Carrier: _____ Date: _____ Time: _____

7.0 OTHER COMMENTS:

_____

_____

_____

8.0 CORRECTIVE ACTION:

Client's Name: _____ Informed verbally on: _____ By: _____

Client's Name: _____ Informed verbally on: _____ By: _____

Sample(s) processed "as is" comments: _____

Samples(s) on hold until: _____ If released, notify: _____

Project Management Login Review: RG 4x for DW Date: 9/16/11

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE Revised 07/26/11

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007036-001

AUI0124

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

54355

TAL-4149 (1007)

Client	Project Manager	Date	
DUPONT KINSTON PLANT	MARC HARDER	06/13/2011	Page 1 of 14
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
4693 HIGHWAY 11 NORTH	(252) 341-0912 / (000)	TestAmerica Austin	

City	State	Zip Code	Site Contact
KINSTON	NC	28502-0800	JERRY BAILEY

Project Number/Name	Carrier/Waybill Number
KEN/GW SAMPLING 2011	

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL32668 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-G-MW-1	9/13/11	0900	WATER	40mL	VIAL	4	1:1 HCL	4.2 9/15/11 JJ	X
KEN-G-MW-1-MS/MSD	9/13/11	0910	WATER	40mL	VIAL	2	1:1 HCL	Good	X
KEN-G-MW-3	9/13/11	1010	WATER	40mL	VIAL	4	1:1 HCL		X
KEN-G-MW-4A	9/13/11	0810	WATER	40mL	VIAL	4	1:1 HCL		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA SAMPLED BY:

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

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required
☐ Normal ☐ Rush ☐ Other _____

QC Level
☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Melanie J. Leary	6/13/11	16:00	1. Received By: Jerry Bailey	9-13-11	0800
2. Relinquished By: Jerry Bailey	9-13-11	1830	2. Received By: Bill [illegible]	9/15/11	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@007037-001

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

54347

TAL-4149 (1007)

Client	Project Manager	Date	Page 1 of 8
DUPONT KINSTON PLANT	HARDER M	06/13/2011	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
4693 HIGHWAY 11 NORTH	(252) 341-0912 / (000)	TestAmerica Austin	
City / State / Zip Code	**Site Contact**		
KINSTON / NC / 28502-0800	HARDER M		
Project Number/Name	**Carrier/Waybill Number**		
KEN/GW SAMPLING 2011			

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL32668 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	8270D/LL
KEN-G-MW-1	9/13/11	0910	WATER	1L	AMBER	2	None	4.2 9/15/11 Good	X
KEN-G-MW-1-MS/MSD		0910	WATER	1L	AMBER	2	None		X
KEN-G-MW-3		1010	WATER	1L	AMBER	2	None		X
KEN-G-MW-4A		0810	WATER	1L	AMBER	2	None		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Bill [illegible]	6/13/11	1600	1. Received By: Jerry Bailey	9-12-11	0800
2. Relinquished By: Jerry Bailey	9-13-11	1830	2. Received By: [illegible] 9/15/11	9/14/11	845
3. Relinquished By:			3. Received By: Bill [illegible]	9/15/11	0930

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@007036-005

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

54359

TAL-4149 (1007)

Client	Project Manager	Date	
DUPONT KINSTON PLANT	MARC HARDER	06/13/2011	Page 5 of 14
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	
4693 HIGHWAY 11 NORTH	(252) 341-0912 / (000)	TestAmerica Austin	

City	State	Zip Code	Site Contact
KINSTON	NC	28502-0800	JERRY BAILEY

Project Number/Name	Carrier/Waybill Number
KEN/GW SAMPLING 2011	

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL32668 QUOTE: 45870

Analysis: MS8260 LL

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260 LL
KEN-G-MW-14B	9/13/11	1515	WATER	40mL	VIAL	4	1:1 HCL	4-2 9/15/11	X
KEN-G-MW-15		1425	WATER	40mL	VIAL	4	1:1 HCL	Good	X
KEN-G-MW-19		1335	WATER	40mL	VIAL	4	1:1 HCL		X
KEN-G-MW-16		1125	WATER	40mL	VIAL	4	1:1 HCL		X
KEN-G-MW-14A		1610	Water	40mL	VIAL	4	1:1 HCL		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Melanie J. Leary	6/13/11	16:00	1. Received By: Jerry Bailey	9-12-11	0806
2. Relinquished By: Jerry Bailey	9-13-11	1830	2. Received By: [illegible]	9-15-11	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007036-007

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

54361

TAL-4149 (1007)

Client	Project Manager	Date
DUPONT KINSTON PLANT	MARC HARDER	06/13/2011
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**
4693 HIGHWAY 11 NORTH	(252) 341-0912 / (000)	TestAmerica Austin

Page 7 of 14

City	State	Zip Code	Site Contact
KINSTON	NC	28502-0800	JERRY BAILEY

Project Number/Name	Carrier/Waybill Number
KEN/GW SAMPLING 2011	

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL32668 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-K-TBLK-GW1	9/13/11	1620	WATER	40mL	VIAL	2	1:1 HCL	4-2 9/15/11 Good	X

Analysis

Special Instructions SAMPLES ARE FROM NORTH CAROLINA SAMPLED BY:

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

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required
☐ Normal ☐ Rush ☐ Other ____

QC Level
☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By Melanie J Leary	6/13/11	16:00	1. Received By Jerry Bailey	9-12-11	0800
2. Relinquished By Jerry Bailey	9-13-11	1830	2. Received By Bill [illegible]	9/15/11	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Analytical Report

Work Order: AUI0134

Project Description

KEN GW SAMPLING 2011

For:

Kelly Rinehimer

E.I. du Pont de Nemours and Co

ADQM Services - DuPont CRG 4051 Ogletown Road, Suite 300

Newark, DE 19713

Dane Wacasey

Project Manager

Dane.Wacasey@testamericainc.com

Wednesday, September 28, 2011

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exception to NELAP requirements are noted in this report. Persuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project manager who has signed this report.

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0134

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/16/11
Reported: 09/28/11 14:55

CASE NARRATIVE

This report contains results for the samples received under chain-of-custody by TestAmerica Laboratories, Inc. 9/16/2011.

These samples are associated with your **KEN GW SAMPLING 2011** project.

All samples were received in good condition and within temperature requirements.

All applicable quality control procedures met method specified acceptance criteria except where flagged on the result pages or noted in the case narrative.

If you should have any questions, please feel free to contact me at dane.wacasey@testamericainc.com or (512) 310-5284.

There are pertinent documents appended to this report, 10 pages, are included and are an integral part of this report.

Reproduction of this analytical report is permitted only in its entirety. This report shall not be reproduced except in full without the written approval of the laboratory.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0134

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/16/11
Reported: 09/28/11 14:55

DATA QUALIFIERS AND DEFINITIONS

J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
NR	Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0134

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/16/11
Reported: 09/28/11 14:55

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0134-02 (KEN-G-MW-6 - Water)					**Sampled: 09/14/11 09:55**			**Recvd: 09/16/11 08:45**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**180**		48.1	1.72	ug/L	5.00	09/23/11 14:24	LAT	11I0169	8270D
Sample ID: AUI0134-03 (KEN-G-MW-7A - Water)					**Sampled: 09/14/11 08:55**			**Recvd: 09/16/11 08:45**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**10.9**		9.62	0.344	ug/L	1.00	09/23/11 14:46	LAT	11I0169	8270D
Sample ID: AUI0134-04 (KEN-G-MW-7A-DUP - Water)					**Sampled: 09/14/11 08:55**			**Recvd: 09/16/11 08:45**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**13.0**		9.62	0.344	ug/L	1.00	09/23/11 15:07	LAT	11I0169	8270D
Sample ID: AUI0134-07 (KEN-G-MW-10A - Water)					**Sampled: 09/14/11 14:55**			**Recvd: 09/16/11 08:45**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	**5.87**		1.00	0.427	ug/L	1.00	09/19/11 17:26	DY	11I0151	8260B
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**8.98**	J	9.62	0.344	ug/L	1.00	09/23/11 16:11	LAT	11I0169	8270D
Sample ID: AUI0134-08 (KEN-G-MW-10B - Water)					**Sampled: 09/14/11 14:05**			**Recvd: 09/16/11 08:45**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**3.45**	J	9.62	0.344	ug/L	1.00	09/23/11 16:32	LAT	11I0169	8270D
Sample ID: AUI0134-09 (KEN-G-MW-11A - Water)					**Sampled: 09/14/11 17:55**			**Recvd: 09/16/11 08:45**		
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**1.55**	J	9.62	0.344	ug/L	1.00	09/23/11 16:54	LAT	11I0169	8270D

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0134

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/16/11
Reported: 09/28/11 14:55

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
KEN-G-MW-4B	AUI0134-01	Water	09/14/11 11:00	09/16/11 08:45	
KEN-G-MW-6	AUI0134-02	Water	09/14/11 09:55	09/16/11 08:45	
KEN-G-MW-7A	AUI0134-03	Water	09/14/11 08:55	09/16/11 08:45	
KEN-G-MW-7A-DUP	AUI0134-04	Water	09/14/11 08:55	09/16/11 08:45	
KEN-G-MW-7B	AUI0134-05	Water	09/14/11 08:00	09/16/11 08:45	
KEN-G-MW-9	AUI0134-06	Water	09/14/11 13:00	09/16/11 08:45	
KEN-G-MW-10A	AUI0134-07	Water	09/14/11 14:55	09/16/11 08:45	
KEN-G-MW-10B	AUI0134-08	Water	09/14/11 14:05	09/16/11 08:45	
KEN-G-MW-11A	AUI0134-09	Water	09/14/11 17:55	09/16/11 08:45	
KEN-G-MW-11B	AUI0134-10	Water	09/14/11 17:05	09/16/11 08:45	
KEN-G-MW-12	AUI0134-11	Water	09/14/11 15:50	09/16/11 08:45	
KEN-K-EQBLK-GW1	AUI0134-12	Water	09/14/11 18:00	09/16/11 08:45	
KEN-K-TBLK-GW2	AUI0134-13	Water	09/14/11 18:05	09/16/11 08:45	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0134

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/16/11
Reported: 09/28/11 14:55

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0134-01 (KEN-G-MW-4B - Water)						**Sampled: 09/14/11 11:00**		**Recvd: 09/16/11 08:45**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	09/19/11 14:55	DY	11I0151	8260B
1,2-Dichloroethane-d4	*92 %*		*Surr Limits:*	*(69-133%)*			*09/19/11 14:55*	*DY*	*11I0151*	*8260B*
4-Bromofluorobenzene	*111 %*		*Surr Limits:*	*(66-124%)*			*09/19/11 14:55*	*DY*	*11I0151*	*8260B*
Dibromofluoromethane	*109 %*		*Surr Limits:*	*(81-127%)*			*09/19/11 14:55*	*DY*	*11I0151*	*8260B*
Toluene-d8	*104 %*		*Surr Limits:*	*(87-121%)*			*09/19/11 14:55*	*DY*	*11I0151*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	ND		9.62	0.344	ug/L	1.00	09/23/11 14:03	LAT	11I0169	8270D
2,4,6-Tribromophenol	*120 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 14:03*	*LAT*	*11I0169*	*8270D*
2-Fluorobiphenyl	*78 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 14:03*	*LAT*	*11I0169*	*8270D*
2-Fluorophenol	*92 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 14:03*	*LAT*	*11I0169*	*8270D*
Nitrobenzene-d5	*96 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 14:03*	*LAT*	*11I0169*	*8270D*
Phenol-d5	*92 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 14:03*	*LAT*	*11I0169*	*8270D*
Terphenyl-d14	*108 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 14:03*	*LAT*	*11I0169*	*8270D*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0134

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/16/11
Reported: 09/28/11 14:55

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0134-02 (KEN-G-MW-6 - Water)						**Sampled: 09/14/11 09:55**		**Recvd: 09/16/11 08:45**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	09/19/11 15:21	DY	11I0151	8260B
1,2-Dichloroethane-d4	*92 %*		*Surr Limits:*	*(69-133%)*			*09/19/11 15:21*	*DY*	*11I0151*	*8260B*
4-Bromofluorobenzene	*109 %*		*Surr Limits:*	*(66-124%)*			*09/19/11 15:21*	*DY*	*11I0151*	*8260B*
Dibromofluoromethane	*107 %*		*Surr Limits:*	*(81-127%)*			*09/19/11 15:21*	*DY*	*11I0151*	*8260B*
Toluene-d8	*105 %*		*Surr Limits:*	*(87-121%)*			*09/19/11 15:21*	*DY*	*11I0151*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**180**		48.1	1.72	ug/L	5.00	09/23/11 14:24	LAT	11I0169	8270D
2,4,6-Tribromophenol	*103 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 14:24*	*LAT*	*11I0169*	*8270D*
2-Fluorobiphenyl	*77 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 14:24*	*LAT*	*11I0169*	*8270D*
2-Fluorophenol	*86 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 14:24*	*LAT*	*11I0169*	*8270D*
Nitrobenzene-d5	*89 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 14:24*	*LAT*	*11I0169*	*8270D*
Phenol-d5	*85 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 14:24*	*LAT*	*11I0169*	*8270D*
Terphenyl-d14	*109 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 14:24*	*LAT*	*11I0169*	*8270D*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0134

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/16/11
Reported: 09/28/11 14:55

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0134-03 (KEN-G-MW-7A - Water)						**Sampled: 09/14/11 08:55**		**Recvd: 09/16/11 08:45**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	09/19/11 15:45	DY	11I0151	8260B
1,2-Dichloroethane-d4	*91 %*		*Surr Limits:*	*(69-133%)*			*09/19/11 15:45*	*DY*	*11I0151*	*8260B*
4-Bromofluorobenzene	*108 %*		*Surr Limits:*	*(66-124%)*			*09/19/11 15:45*	*DY*	*11I0151*	*8260B*
Dibromofluoromethane	*108 %*		*Surr Limits:*	*(81-127%)*			*09/19/11 15:45*	*DY*	*11I0151*	*8260B*
Toluene-d8	*106 %*		*Surr Limits:*	*(87-121%)*			*09/19/11 15:45*	*DY*	*11I0151*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**10.9**		9.62	0.344	ug/L	1.00	09/23/11 14:46	LAT	11I0169	8270D
2,4,6-Tribromophenol	*106 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 14:46*	*LAT*	*11I0169*	*8270D*
2-Fluorobiphenyl	*69 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 14:46*	*LAT*	*11I0169*	*8270D*
2-Fluorophenol	*80 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 14:46*	*LAT*	*11I0169*	*8270D*
Nitrobenzene-d5	*84 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 14:46*	*LAT*	*11I0169*	*8270D*
Phenol-d5	*80 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 14:46*	*LAT*	*11I0169*	*8270D*
Terphenyl-d14	*93 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 14:46*	*LAT*	*11I0169*	*8270D*

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E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0134

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/16/11
Reported: 09/28/11 14:55

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0134-04 (KEN-G-MW-7A-DUP - Water)						**Sampled: 09/14/11 08:55**		**Recvd: 09/16/11 08:45**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	09/19/11 16:11	DY	11I0151	8260B
1,2-Dichloroethane-d4	*94 %*		*Surr Limits:*	*(69-133%)*			*09/19/11 16:11*	*DY*	*11I0151*	*8260B*
4-Bromofluorobenzene	*108 %*		*Surr Limits:*	*(66-124%)*			*09/19/11 16:11*	*DY*	*11I0151*	*8260B*
Dibromofluoromethane	*108 %*		*Surr Limits:*	*(81-127%)*			*09/19/11 16:11*	*DY*	*11I0151*	*8260B*
Toluene-d8	*106 %*		*Surr Limits:*	*(87-121%)*			*09/19/11 16:11*	*DY*	*11I0151*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**13.0**		9.62	0.344	ug/L	1.00	09/23/11 15:07	LAT	11I0169	8270D
2,4,6-Tribromophenol	*111 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 15:07*	*LAT*	*11I0169*	*8270D*
2-Fluorobiphenyl	*66 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 15:07*	*LAT*	*11I0169*	*8270D*
2-Fluorophenol	*79 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 15:07*	*LAT*	*11I0169*	*8270D*
Nitrobenzene-d5	*83 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 15:07*	*LAT*	*11I0169*	*8270D*
Phenol-d5	*82 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 15:07*	*LAT*	*11I0169*	*8270D*
Terphenyl-d14	*94 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 15:07*	*LAT*	*11I0169*	*8270D*

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Project Number: KENTEC

Received: 09/16/11
Reported: 09/28/11 14:55

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0134-05 (KEN-G-MW-7B - Water)						**Sampled: 09/14/11 08:00**		**Recvd: 09/16/11 08:45**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	09/19/11 16:36	DY	11I0151	8260B
1,2-Dichloroethane-d4	*91 %*		*Surr Limits:*	*(69-133%)*			*09/19/11 16:36*	*DY*	*11I0151*	*8260B*
4-Bromofluorobenzene	*109 %*		*Surr Limits:*	*(66-124%)*			*09/19/11 16:36*	*DY*	*11I0151*	*8260B*
Dibromofluoromethane	*107 %*		*Surr Limits:*	*(81-127%)*			*09/19/11 16:36*	*DY*	*11I0151*	*8260B*
Toluene-d8	*104 %*		*Surr Limits:*	*(87-121%)*			*09/19/11 16:36*	*DY*	*11I0151*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	ND		9.62	0.344	ug/L	1.00	09/23/11 15:28	LAT	11I0169	8270D
2,4,6-Tribromophenol	*112 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 15:28*	*LAT*	*11I0169*	*8270D*
2-Fluorobiphenyl	*70 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 15:28*	*LAT*	*11I0169*	*8270D*
2-Fluorophenol	*85 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 15:28*	*LAT*	*11I0169*	*8270D*
Nitrobenzene-d5	*84 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 15:28*	*LAT*	*11I0169*	*8270D*
Phenol-d5	*84 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 15:28*	*LAT*	*11I0169*	*8270D*
Terphenyl-d14	*98 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 15:28*	*LAT*	*11I0169*	*8270D*

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0134-06 (KEN-G-MW-9 - Water)						**Sampled: 09/14/11 13:00**		**Recvd: 09/16/11 08:45**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	09/19/11 17:01	DY	11I0151	8260B
1,2-Dichloroethane-d4	*91 %*		*Surr Limits:*	*(69-133%)*			*09/19/11 17:01*	*DY*	*11I0151*	*8260B*
4-Bromofluorobenzene	*112 %*		*Surr Limits:*	*(66-124%)*			*09/19/11 17:01*	*DY*	*11I0151*	*8260B*
Dibromofluoromethane	*107 %*		*Surr Limits:*	*(81-127%)*			*09/19/11 17:01*	*DY*	*11I0151*	*8260B*
Toluene-d8	*103 %*		*Surr Limits:*	*(87-121%)*			*09/19/11 17:01*	*DY*	*11I0151*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	ND		9.62	0.344	ug/L	1.00	09/23/11 15:50	LAT	11I0169	8270D
2,4,6-Tribromophenol	*109 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 15:50*	*LAT*	*11I0169*	*8270D*
2-Fluorobiphenyl	*68 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 15:50*	*LAT*	*11I0169*	*8270D*
2-Fluorophenol	*79 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 15:50*	*LAT*	*11I0169*	*8270D*
Nitrobenzene-d5	*82 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 15:50*	*LAT*	*11I0169*	*8270D*
Phenol-d5	*81 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 15:50*	*LAT*	*11I0169*	*8270D*
Terphenyl-d14	*96 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 15:50*	*LAT*	*11I0169*	*8270D*

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Project Number: KENTEC

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Reported: 09/28/11 14:55

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0134-07 (KEN-G-MW-10A - Water)						**Sampled: 09/14/11 14:55**		**Recvd: 09/16/11 08:45**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	**5.87**		1.00	0.427	ug/L	1.00	09/19/11 17:26	DY	11I0151	8260B
1,2-Dichloroethane-d4	*92 %*		*Surr Limits:*	*(69-133%)*			*09/19/11 17:26*	*DY*	*11I0151*	*8260B*
4-Bromofluorobenzene	*108 %*		*Surr Limits:*	*(66-124%)*			*09/19/11 17:26*	*DY*	*11I0151*	*8260B*
Dibromofluoromethane	*107 %*		*Surr Limits:*	*(81-127%)*			*09/19/11 17:26*	*DY*	*11I0151*	*8260B*
Toluene-d8	*105 %*		*Surr Limits:*	*(87-121%)*			*09/19/11 17:26*	*DY*	*11I0151*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**8.98**	J	9.62	0.344	ug/L	1.00	09/23/11 16:11	LAT	11I0169	8270D
2,4,6-Tribromophenol	*107 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 16:11*	*LAT*	*11I0169*	*8270D*
2-Fluorobiphenyl	*67 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 16:11*	*LAT*	*11I0169*	*8270D*
2-Fluorophenol	*78 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 16:11*	*LAT*	*11I0169*	*8270D*
Nitrobenzene-d5	*79 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 16:11*	*LAT*	*11I0169*	*8270D*
Phenol-d5	*78 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 16:11*	*LAT*	*11I0169*	*8270D*
Terphenyl-d14	*94 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 16:11*	*LAT*	*11I0169*	*8270D*

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Work Order: AUI0134

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/16/11
Reported: 09/28/11 14:55

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0134-08 (KEN-G-MW-10B - Water)						**Sampled: 09/14/11 14:05**		**Recvd: 09/16/11 08:45**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	09/19/11 17:50	DY	11I0151	8260B
1,2-Dichloroethane-d4	*90 %*		*Surr Limits:*	*(69-133%)*			*09/19/11 17:50*	*DY*	*11I0151*	*8260B*
4-Bromofluorobenzene	*110 %*		*Surr Limits:*	*(66-124%)*			*09/19/11 17:50*	*DY*	*11I0151*	*8260B*
Dibromofluoromethane	*106 %*		*Surr Limits:*	*(81-127%)*			*09/19/11 17:50*	*DY*	*11I0151*	*8260B*
Toluene-d8	*104 %*		*Surr Limits:*	*(87-121%)*			*09/19/11 17:50*	*DY*	*11I0151*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**3.45**	J	9.62	0.344	ug/L	1.00	09/23/11 16:32	LAT	11I0169	8270D
2,4,6-Tribromophenol	*111 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 16:32*	*LAT*	*11I0169*	*8270D*
2-Fluorobiphenyl	*67 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 16:32*	*LAT*	*11I0169*	*8270D*
2-Fluorophenol	*85 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 16:32*	*LAT*	*11I0169*	*8270D*
Nitrobenzene-d5	*86 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 16:32*	*LAT*	*11I0169*	*8270D*
Phenol-d5	*85 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 16:32*	*LAT*	*11I0169*	*8270D*
Terphenyl-d14	*96 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 16:32*	*LAT*	*11I0169*	*8270D*

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Work Order: AUI0134

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/16/11
Reported: 09/28/11 14:55

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0134-09 (KEN-G-MW-11A - Water)						**Sampled: 09/14/11 17:55**		**Recvd: 09/16/11 08:45**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	09/19/11 18:15	DY	11I0151	8260B
1,2-Dichloroethane-d4	*93 %*		*Surr Limits:*	*(69-133%)*			*09/19/11 18:15*	*DY*	*11I0151*	*8260B*
4-Bromofluorobenzene	*111 %*		*Surr Limits:*	*(66-124%)*			*09/19/11 18:15*	*DY*	*11I0151*	*8260B*
Dibromofluoromethane	*108 %*		*Surr Limits:*	*(81-127%)*			*09/19/11 18:15*	*DY*	*11I0151*	*8260B*
Toluene-d8	*107 %*		*Surr Limits:*	*(87-121%)*			*09/19/11 18:15*	*DY*	*11I0151*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	**1.55**	J	9.62	0.344	ug/L	1.00	09/23/11 16:54	LAT	11I0169	8270D
2,4,6-Tribromophenol	*107 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 16:54*	*LAT*	*11I0169*	*8270D*
2-Fluorobiphenyl	*66 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 16:54*	*LAT*	*11I0169*	*8270D*
2-Fluorophenol	*75 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 16:54*	*LAT*	*11I0169*	*8270D*
Nitrobenzene-d5	*77 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 16:54*	*LAT*	*11I0169*	*8270D*
Phenol-d5	*76 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 16:54*	*LAT*	*11I0169*	*8270D*
Terphenyl-d14	*96 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 16:54*	*LAT*	*11I0169*	*8270D*

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Reported: 09/28/11 14:55

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0134-10 (KEN-G-MW-11B - Water)						**Sampled: 09/14/11 17:05**		**Recvd: 09/16/11 08:45**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	09/19/11 18:40	DY	11I0151	8260B
1,2-Dichloroethane-d4	*91 %*		*Surr Limits:*	*(69-133%)*			*09/19/11 18:40*	*DY*	*11I0151*	*8260B*
4-Bromofluorobenzene	*108 %*		*Surr Limits:*	*(66-124%)*			*09/19/11 18:40*	*DY*	*11I0151*	*8260B*
Dibromofluoromethane	*109 %*		*Surr Limits:*	*(81-127%)*			*09/19/11 18:40*	*DY*	*11I0151*	*8260B*
Toluene-d8	*103 %*		*Surr Limits:*	*(87-121%)*			*09/19/11 18:40*	*DY*	*11I0151*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	ND		9.62	0.344	ug/L	1.00	09/23/11 17:15	LAT	11I0169	8270D
2,4,6-Tribromophenol	*115 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 17:15*	*LAT*	*11I0169*	*8270D*
2-Fluorobiphenyl	*77 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 17:15*	*LAT*	*11I0169*	*8270D*
2-Fluorophenol	*85 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 17:15*	*LAT*	*11I0169*	*8270D*
Nitrobenzene-d5	*87 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 17:15*	*LAT*	*11I0169*	*8270D*
Phenol-d5	*83 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 17:15*	*LAT*	*11I0169*	*8270D*
Terphenyl-d14	*101 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 17:15*	*LAT*	*11I0169*	*8270D*

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Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/16/11
Reported: 09/28/11 14:55

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0134-11 (KEN-G-MW-12 - Water)						**Sampled: 09/14/11 15:50**		**Recvd: 09/16/11 08:45**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	09/19/11 19:05	DY	11I0151	8260B
1,2-Dichloroethane-d4	*90 %*		*Surr Limits:*	*(69-133%)*			*09/19/11 19:05*	*DY*	*11I0151*	*8260B*
4-Bromofluorobenzene	*107 %*		*Surr Limits:*	*(66-124%)*			*09/19/11 19:05*	*DY*	*11I0151*	*8260B*
Dibromofluoromethane	*108 %*		*Surr Limits:*	*(81-127%)*			*09/19/11 19:05*	*DY*	*11I0151*	*8260B*
Toluene-d8	*106 %*		*Surr Limits:*	*(87-121%)*			*09/19/11 19:05*	*DY*	*11I0151*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	ND		9.62	0.344	ug/L	1.00	09/23/11 17:37	LAT	11I0169	8270D
2,4,6-Tribromophenol	*106 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 17:37*	*LAT*	*11I0169*	*8270D*
2-Fluorobiphenyl	*63 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 17:37*	*LAT*	*11I0169*	*8270D*
2-Fluorophenol	*72 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 17:37*	*LAT*	*11I0169*	*8270D*
Nitrobenzene-d5	*71 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 17:37*	*LAT*	*11I0169*	*8270D*
Phenol-d5	*73 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 17:37*	*LAT*	*11I0169*	*8270D*
Terphenyl-d14	*96 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 17:37*	*LAT*	*11I0169*	*8270D*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0134

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/16/11
Reported: 09/28/11 14:55

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0134-12 (KEN-K-EQBLK-GW1 - Water)						**Sampled: 09/14/11 18:00**		**Recvd: 09/16/11 08:45**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	09/19/11 19:30	DY	11I0151	8260B
1,2-Dichloroethane-d4	*91 %*		*Surr Limits:*	*(69-133%)*			*09/19/11 19:30*	*DY*	*11I0151*	*8260B*
4-Bromofluorobenzene	*107 %*		*Surr Limits:*	*(66-124%)*			*09/19/11 19:30*	*DY*	*11I0151*	*8260B*
Dibromofluoromethane	*107 %*		*Surr Limits:*	*(81-127%)*			*09/19/11 19:30*	*DY*	*11I0151*	*8260B*
Toluene-d8	*107 %*		*Surr Limits:*	*(87-121%)*			*09/19/11 19:30*	*DY*	*11I0151*	*8260B*
Acid and Base/Neutral Extractables by SW846										
1,4-Dioxane	ND		9.62	0.344	ug/L	1.00	09/23/11 17:58	LAT	11I0169	8270D
2,4,6-Tribromophenol	*112 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 17:58*	*LAT*	*11I0169*	*8270D*
2-Fluorobiphenyl	*65 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 17:58*	*LAT*	*11I0169*	*8270D*
2-Fluorophenol	*75 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 17:58*	*LAT*	*11I0169*	*8270D*
Nitrobenzene-d5	*76 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 17:58*	*LAT*	*11I0169*	*8270D*
Phenol-d5	*50 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 17:58*	*LAT*	*11I0169*	*8270D*
Terphenyl-d14	*99 %*		*Surr Limits:*	*(50-150%)*			*09/23/11 17:58*	*LAT*	*11I0169*	*8270D*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0134

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/16/11
Reported: 09/28/11 14:55

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: AUI0134-13 (KEN-K-TBLK-GW2 - Water)						**Sampled: 09/14/11 18:05**		**Recvd: 09/16/11 08:45**		
Volatile Organic Compounds by SW846 8260B										
1,1-Dichloroethene	ND		1.00	0.427	ug/L	1.00	09/19/11 19:55	DY	11I0151	8260B
1,2-Dichloroethane-d4	*89 %*		*Surr Limits:*	*(69-133%)*			*09/19/11 19:55*	*DY*	*11I0151*	*8260B*
4-Bromofluorobenzene	*107 %*		*Surr Limits:*	*(66-124%)*			*09/19/11 19:55*	*DY*	*11I0151*	*8260B*
Dibromofluoromethane	*106 %*		*Surr Limits:*	*(81-127%)*			*09/19/11 19:55*	*DY*	*11I0151*	*8260B*
Toluene-d8	*105 %*		*Surr Limits:*	*(87-121%)*			*09/19/11 19:55*	*DY*	*11I0151*	*8260B*

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0134

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/16/11
Reported: 09/28/11 14:55

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
Acid and Base/Neutral Extractables by SW846									
8270D	11I0169	AUI0134-01	1,040.00	mL	1.00	mL	09/20/11 16:00	EF	3520C MS Low Level
8270D	11I0169	AUI0134-02	1,040.00	mL	1.00	mL	09/20/11 16:00	EF	3520C MS Low Level
8270D	11I0169	AUI0134-03	1,040.00	mL	1.00	mL	09/20/11 16:00	EF	3520C MS Low Level
8270D	11I0169	AUI0134-04	1,040.00	mL	1.00	mL	09/20/11 16:00	EF	3520C MS Low Level
8270D	11I0169	AUI0134-05	1,040.00	mL	1.00	mL	09/20/11 16:00	EF	3520C MS Low Level
8270D	11I0169	AUI0134-06	1,040.00	mL	1.00	mL	09/20/11 16:00	EF	3520C MS Low Level
8270D	11I0169	AUI0134-07	1,040.00	mL	1.00	mL	09/20/11 16:00	EF	3520C MS Low Level
8270D	11I0169	AUI0134-08	1,040.00	mL	1.00	mL	09/20/11 16:00	EF	3520C MS Low Level
8270D	11I0169	AUI0134-09	1,040.00	mL	1.00	mL	09/20/11 16:00	EF	3520C MS Low Level
8270D	11I0169	AUI0134-10	1,040.00	mL	1.00	mL	09/20/11 16:00	EF	3520C MS Low Level
8270D	11I0169	AUI0134-11	1,040.00	mL	1.00	mL	09/20/11 16:00	EF	3520C MS Low Level
8270D	11I0169	AUI0134-12	1,040.00	mL	1.00	mL	09/20/11 16:00	EF	3520C MS Low Level
Volatile Organic Compounds by SW846 8260B									
8260B	11I0151	AUI0134-01	15.00	mL	15.00	mL	09/19/11 08:22	DY	5030B MS
8260B	11I0151	AUI0134-02	15.00	mL	15.00	mL	09/19/11 08:22	DY	5030B MS
8260B	11I0151	AUI0134-03	15.00	mL	15.00	mL	09/19/11 08:22	DY	5030B MS
8260B	11I0151	AUI0134-04	15.00	mL	15.00	mL	09/19/11 08:22	DY	5030B MS
8260B	11I0151	AUI0134-05	15.00	mL	15.00	mL	09/19/11 08:22	DY	5030B MS
8260B	11I0151	AUI0134-06	15.00	mL	15.00	mL	09/19/11 08:22	DY	5030B MS
8260B	11I0151	AUI0134-07	15.00	mL	15.00	mL	09/19/11 08:22	DY	5030B MS
8260B	11I0151	AUI0134-08	15.00	mL	15.00	mL	09/19/11 08:22	DY	5030B MS
8260B	11I0151	AUI0134-09	15.00	mL	15.00	mL	09/19/11 08:22	DY	5030B MS
8260B	11I0151	AUI0134-10	15.00	mL	15.00	mL	09/19/11 08:22	DY	5030B MS
8260B	11I0151	AUI0134-11	15.00	mL	15.00	mL	09/19/11 08:22	DY	5030B MS
8260B	11I0151	AUI0134-12	15.00	mL	15.00	mL	09/19/11 08:22	DY	5030B MS
8260B	11I0151	AUI0134-13	15.00	mL	15.00	mL	09/19/11 08:22	DY	5030B MS

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0134

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/16/11
Reported: 09/28/11 14:55

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by SW846 8260B											
Blank Analyzed: 09/19/11 (Lab Number:11I0151-BLK1, Batch: 11I0151)											
1,1-Dichloroethene			1.00	0.427	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*89*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*111*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*107*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*105*	*87-121*			
LCS Analyzed: 09/19/11 (Lab Number:11I0151-BS1, Batch: 11I0151)											
1,1-Dichloroethene		20.00	1.00	0.427	ug/L	20.6	103	62-135			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*91*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*113*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*108*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*108*	*87-121*			
LCS Dup Analyzed: 09/19/11 (Lab Number:11I0151-BSD1, Batch: 11I0151)											
1,1-Dichloroethene		20.00	1.00	0.427	ug/L	20.0	100	62-135	3	20	
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*90*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*111*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*106*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*108*	*87-121*			
Matrix Spike Analyzed: 09/19/11 (Lab Number:11I0151-MS1, Batch: 11I0151)											
QC Source Sample: AUI0105-06											
1,1-Dichloroethene	ND	400.0	20.0	8.53	ug/L	416	104	62-135			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*89*	*69-133*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*111*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*105*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*105*	*87-121*			
Matrix Spike Dup Analyzed: 09/19/11 (Lab Number:11I0151-MSD1, Batch: 11I0151)											
QC Source Sample: AUI0105-06											
1,1-Dichloroethene	ND	400.0	20.0	8.53	ug/L	407	102	62-135	2	20	
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*91*	*69-133*			

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0134

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/16/11
Reported: 09/28/11 14:55

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by SW846 8260B											
Matrix Spike Dup Analyzed: 09/19/11 (Lab Number:11I0151-MSD1, Batch: 11I0151)											
QC Source Sample: AUI0105-06											
Surrogate: 4-Bromofluorobenzene					*ug/L*		*112*	*66-124*			
Surrogate: Dibromofluoromethane					*ug/L*		*106*	*81-127*			
Surrogate: Toluene-d8					*ug/L*		*106*	*87-121*			

E.I. du Pont de Nemours and Co
ADQM Services - DuPont CRG 4051 Ogletown Road
Newark, DE 19713

Work Order: AUI0134

Project: KEN GW SAMPLING 2011
Project Number: KENTEC

Received: 09/16/11
Reported: 09/28/11 14:55

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by SW846											
Blank Analyzed: 09/23/11 (Lab Number:11I0169-BLK1, Batch: 11I0169)											
1,4-Dioxane			10.0	0.358	ug/L	ND					
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*103*	*50-150*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*80*	*50-150*			
Surrogate: 2-Fluorophenol					*ug/L*		*89*	*50-150*			
Surrogate: Nitrobenzene-d5					*ug/L*		*95*	*50-150*			
Surrogate: Phenol-d5					*ug/L*		*89*	*50-150*			
Surrogate: Terphenyl-d14					*ug/L*		*109*	*50-150*			
LCS Analyzed: 09/23/11 (Lab Number:11I0169-BS1, Batch: 11I0169)											
1,4-Dioxane		10.00	10.0	0.358	ug/L	8.86	89	50-150			MNR1,J
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*126*	*50-150*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*81*	*50-150*			
Surrogate: 2-Fluorophenol					*ug/L*		*87*	*50-150*			
Surrogate: Nitrobenzene-d5					*ug/L*		*91*	*50-150*			
Surrogate: Phenol-d5					*ug/L*		*90*	*50-150*			
Surrogate: Terphenyl-d14					*ug/L*		*112*	*50-150*			
LCS Dup Analyzed: 09/23/11 (Lab Number:11I0169-BSD1, Batch: 11I0169)											
1,4-Dioxane		10.00	10.0	0.358	ug/L	7.23	72	50-150	20	30	J
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*122*	*50-150*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*80*	*50-150*			
Surrogate: 2-Fluorophenol					*ug/L*		*83*	*50-150*			
Surrogate: Nitrobenzene-d5					*ug/L*		*91*	*50-150*			
Surrogate: Phenol-d5					*ug/L*		*87*	*50-150*			
Surrogate: Terphenyl-d14					*ug/L*		*106*	*50-150*			

TestAmerica – Austin Laboratory Chain of Custody Addendum **Work Order Number** AUI0134

RECEIVED BY: [illegible] CLIENT: E.I Dupont

DATE/TIME RECEIVED: 9/16/11 0845 PROJECT: KEN GW Sampling 2011

UNPACKED DATE/TIME: 9/16/11 0900 LOGIN BY: [illegible] LOGIN REVIEWED BY: [illegible]

Number of Shipping Containers Received with COC: 3

VOC SAMPLES: ☐ YES **(IF YES, GO TO SECTIONS 1.0, 2.0, 6.0, & 7.0)**

1.0 CONTAINERS EXAMINED UPON RECEIPT: [illegible]

Container Sealed: ☑ YES ☐ NO Custody Seal Present: ☑ YES ☐ NO Custody Seal Signed/Dated: ☑ YES ☐ NO

If seal not intact list air bill number of that container(s): _____

2.0 VOC CANISTERS EXAMINED UPON RECEIPT: _____

Canister Valves Closed: ☐ YES ☐ NO Canister Valves Capped: ☐ YES ☐ NO

Sample IDs match COC: ☐ YES ☐ NO Other Equipment Received: ☐ YES ☐ NO

Valve Cap Tightened Properly: ☐ YES ☐ NO Can Size: ☐ 6L ☐ 1L Other: _____

Packing Material Used: (circle) None / Absorbent / Paper / Bubble Wrap

Samples received in Tedlar bags ☐ N/A ☐ YES ☐ NO

3.0 CONDITION OF BOTTLES/CONTAINERS **VERIFIED BY:** [illegible]

Sample IDs match COC: ☑ YES ☐ NO Bottles received intact: ☑ YES ☐ NO

See additional discrepancies/comments section: ☐ YES ☑ NO Samples received from USDA restricted area: ☐ YES ☑ NO

Chain-of-Custody form properly maintained: ☑ YES ☐ NO VOA trip blanks included: 2 ☐ N/A ☑ YES ☐ NO

4.0 SAMPLE TEMPERATURE UPON RECEIPT BY: [illegible] **IR THERMOMETER #:** ☑ P5 ☐ P7

Container(s) temperature: TB = Temp. Blank and/or SC = Sample Container CF = Correction Factor ***[acceptable tolerance ≤6°C]***

TB ☑ SC ☐ Initial 2.3 CF -0.3	TB ☑ SC ☐ Initial 3.1 CF -0.3	TB ☑ SC ☐ Initial 2.7 CF -0.3	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF
Final 2.0	Final 2.8	Final 2.4	Final	Final	Final	Final	Final

If temperature is outside acceptable tolerance, Project Manager was notified (_____PM). Date: _____ Time: _____

Samples received do not require cooling _____ OK to analyze samples: ☑ YES ☐ NO

5.0 PRESERVATION CHECKS

PRESERVATION OF SAMPLES REQUIRED: ☐ N/A ☑ YES ☑ VOA Samples **VERIFIED BY:** [illegible]

NOTE: pH CHECK OF SAMPLES PERFORMED AT TIME OF ANALYSIS BY BENCH ANALYST

pH CHECK OF VOLATILE SAMPLES PERFORMED AFTER ANALYSIS BY THE BENCH ANALYST.

Cyanide samples checked for sulfides: ☐ YES ☐ NO

Sulfide samples appear to be preserved with zinc acetate: ☐ YES ☐ NO

Chlorine checked per specification (EPA 335.x & N.C.) ☐ YES ☐ NO Free chlorine present: ☐ YES ☐ NO

If preservation is outside acceptable limit, PM notified (_____PM) Date/Time: _____

Volatile samples filled completely: ☑ YES ☐ NO [if no, list ID and approx. amt. of headspace (>6mm) in Comments Section 7.0]

6.0 SHIPPING DOCUMENTATION:

Air/freight bill is available and attached to COC: ☑ YES ☐ NO Air bill #: _____

Hand-delivered Carrier: _____ Date: _____ Time: _____

7.0 OTHER COMMENTS:

_____

_____

_____

8.0 CORRECTIVE ACTION:

Client's Name: _____ Informed verbally on: _____ By: _____

Client's Name: _____ Informed verbally on: _____ By: _____

Sample(s) processed "as is" comments: _____

Samples(s) on hold until: _____ If released, notify: _____

Project Management Login Review: [illegible] for DW Date: 9/19/11

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE Revised 07/26/11

54356

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@007036-002

AUI0134

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4149 (1007)

Client: DUPONT KINSTON PLANT	Project Manager: MARC HARDER	Date: 06/13/2011	Page 2 of 14
Address: 4693 HIGHWAY 11 NORTH	Telephone Number (Area Code)/Fax Number: (252) 341-0912 / (000)	Lab Location: TestAmerica Austin	Analysis
City: KINSTON; State: NC; Zip Code: 28502-0800	Site Contact: JERRY BAILEY		
Project Number/Name: KEN/GW SAMPLING 2011	Carrier/Waybill Number:		
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL32668		QUOTE: 45870	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-G-MW-4B	9/14/11	1100	WATER	40mL	VIAL	4	1:1 HCL	2.0 9/16/11	X
KEN-G-MW-6	9/14/11	0955	WATER	40mL	VIAL	4	1:1 HCL	6007	X
KEN-G-MW-7A	9/14/11	0855	WATER	40mL	VIAL	4	1:1 HCL		X
KEN-G-MW-7A-DUP	9/14/11	0855	WATER	40mL	VIAL	4	1:1 HCL		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

1. Relinquished By: Melanie J. Leary	Date: 6/13/11	Time: 16:00	1. Received By: Jerry Bailey	Date: 9-13-11	Time: 0800
2. Relinquished By: Jerry Bailey	Date: 9-15-11	Time: 1200	2. Received By: Bill [illegible]	Date: 9-16-11	Time: 0845
3. Relinquished By:	Date:	Time:	3. Received By:	Date:	Time:

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

54348

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007037-002

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4149 (1007)

Client: DUPONT KINSTON PLANT	Project Manager: HARDER M	Date: 06/13/2011	Page 2 of 9
Address: 4693 HIGHWAY 11 NORTH	Telephone Number (Area Code)/Fax Number: (252) 341-0912 / (000)	Lab Location: TestAmerica Austin	Analysis
City: KINSTON; State: NC; Zip Code: 28502-0800	Site Contact: HARDER M		
Project Number/Name: KEN/GW SAMPLING 2011	Carrier/Waybill Number:		
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL32668		QUOTE: 45870	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	8270DILL
KEN-G-MW-4B	9/14/11	1100	WATER	1L	AMBER	2	None	2.0 9/16/11 BY	X
KEN-G-MW-6		0955	WATER	1L	AMBER	2	None	Good	X
KEN-G-MW-7A		0855	WATER	1L	AMBER	2	None		X
KEN-G-MW-7A-DUP		0855	WATER	1L	AMBER	2	None		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other _____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

1. Relinquished By: Bill Gi	Date: 6/13/11	Time: 1600	1. Received By: Jerry Bailey	Date: 9-13-11	Time: 0800
2. Relinquished By: Jerry Bailey	Date: 9-15-11	Time: 1200	2. Received By: Bill Gi	Date: 9-16-11	Time: 0845
3. Relinquished By	Date:	Time:	3. Received By	Date:	Time:

Comments

DISTRIBUTION: WHITE - Stays with the Sample: CANARY - Returned to Client with Report: PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@007036-003

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

54357

TAL-4149 (1007)

Client: DUPONT KINSTON PLANT	Project Manager: MARC HARDER	Date: 06/13/2011	Page 3 of 14
Address: 4693 HIGHWAY 11 NORTH	Telephone Number (Area Code)/Fax Number: (252) 341-0912 / (000)	Lab Location: TestAmerica Austin	Analysis
City: KINSTON; State: NC; Zip Code: 28502-0800	Site Contact: JERRY BAILEY		
Project Number/Name: KEN/GW SAMPLING 2011	Carrier/Waybill Number:		
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL32668		QUOTE: 45870	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-G-MW-7B	9/14/11	0800	WATER	40mL	VIAL	4	1:1 HCL	2.0 9/16/11	X
KEN-G-MW-9		1300	WATER	40mL	VIAL	4	1:1 HCL	Good	X
KEN-G-MW-10A		1455	WATER	40mL	VIAL	4	1:1 HCL		X
KEN-G-MW-10B		1405	WATER	40mL	VIAL	4	1:1 HCL		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify):

1. Relinquished By: Melanie J Leary	Date: 6/13/11	Time: 16:00	1. Received By: Jerry Bailey	Date: 9-13-11	Time: 0800
2. Relinquished By: Jerry Bailey	Date: 9-15-11	Time: 1200	2. Received By: Brian [illegible]	Date: 9/16/11	Time: 0845
3. Relinquished By:	Date:	Time:	3. Received By:	Date:	Time:

Comments:

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@007037-003

54349

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4149 (1007)

Client: DUPONT KINSTON PLANT	Project Manager: HARDER M	Date: 06/13/2011	Page 3 of 9
Address: 4693 HIGHWAY 11 NORTH	Telephone Number (Area Code)/Fax Number: (252) 341-0912 / (000)	Lab Location: TestAmerica Austin	Analysis
City: KINSTON; State: NC; Zip Code: 28502-0800	Site Contact: HARDER M		
Project Number/Name: KEN/GW SAMPLING 2011	Carrier/Waybill Number:		
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL32668		QUOTE: 45870	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	8270DILL
KEN-G-MW-7B	9/14/11	0800	WATER	1L	AMBER	2	None	2.0 9/16/11	X
KEN-G-MW-9		1300	WATER	1L	AMBER	2	None	Good	X
KEN-G-MW-10A		1455	WATER	1L	AMBER	2	None		X
KEN-G-MW-10B		1405	WATER	1L	AMBER	2	None		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Bill H	6/13/11	1600	1. Received By: Jerry Barley	9-12-11	0800
2. Relinquished By: Jerry Barley	9-15-11	1200	2. Received By: Bill H	9-16-11	0845
3. Relinquished By:			3. Received By:		

Comments

DISTRIBUTION: WHITE - Stays with the Sample: CANARY - Returned to Client with Report: PINK - Field Copy

54358

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@007036-004

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4149 (1007)

Client: DUPONT KINSTON PLANT	Project Manager: MARC HARDER	Date: 06/13/2011	Page 4 of 14
Address: 4693 HIGHWAY 11 NORTH	Telephone Number (Area Code)/Fax Number: (252) 341-0912 / (000)	Lab Location: TestAmerica Austin	Analysis
City: KINSTON; State: NC; Zip Code: 28502-0800	Site Contact: JERRY BAILEY		
Project Number/Name: KEN/GW SAMPLING 2011	Carrier/Waybill Number:		

Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL32668 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-G-MW-11A	9/14/11	1755	WATER	40mL	VIAL	4	1:1 HCL	2.0 9-16-11 BJ Good	X
KEN-G-MW-11B	↓	1755	WATER	40mL	VIAL	4	1:1 HCL		X
KEN-G-MW-12		1550	WATER	40mL	VIAL	4	1:1 HCL		X
~~KEN-G-MW-14A~~ BJ			~~WATER~~	~~40mL~~	~~VIAL~~	~~4~~	~~1:1 HCL~~		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

1. Relinquished By: Melanie J. Leary	Date: 6/13/11	Time: 16:00	1. Received By: Jerry Bailey	Date: 9-13-11	Time: 0800
2. Relinquished By: Jerry Bailey	Date: 9-15-11	Time: 12:00	2. Received By: Bill [illegible]	Date: 9-16-11	Time: 0845
3. Relinquished By:	Date:	Time:	3. Received By:	Date:	Time:

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@007037-004

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

54350

TAL-4149 (1007)

Client: DUPONT KINSTON PLANT	Project Manager: HARDER M	Date: 06/13/2011	Page 4 of 8
Address: 4693 HIGHWAY 11 NORTH	Telephone Number (Area Code)/Fax Number: (252) 341-0912 / (000)	Lab Location: TestAmerica Austin	Analysis
City: KINSTON; State: NC; Zip Code: 28502-0800	Site Contact: HARDER M		
Project Number/Name: KEN/GW SAMPLING 2011	Carrier/Waybill Number:		
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL32668		QUOTE: 45870	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	8270D/LL
KEN-G-MW-11A	9/14/11	1155	WATER	1L	AMBER	2	None	2.0 9/16/11	X
KEN-G-MW-11B	↓	1705	WATER	1L	AMBER	2	None	6.000	X
KEN-G-MW-12		1550	WATER	1L	AMBER	2	None		X
~~KEN-G-MW-14A~~ BC			~~WATER~~	~~1L~~	~~AMBER~~	~~2~~	~~None~~		X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA

SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: Bill Jr	6/13/11	1600	1. Received By: Jerry Barley	9-12-11	0800
2. Relinquished By: Jerry Barley	9-15-11	12:00	2. Received By: Bill Jr	9-16-11	0845
3. Relinquished By:			3. Received By:		

Comments:

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

54360

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@007036-006

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4149 (1007)

Client	Project Manager	Date	
DUPONT KINSTON PLANT	MARC HARDER	06/13/2011	Page 6 of 14
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
4693 HIGHWAY 11 NORTH	(252) 341-0912 / (000)	TestAmerica Austin	
City / State / Zip Code	**Site Contact**		
KINSTON / NC / 28502-0800	JERRY BAILEY		
Project Number/Name	**Carrier/Waybill Number**		
KEN/GW SAMPLING 2011			

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL32668 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260LL
KEN-K-EOBLK-GW1	9/14/11	1800	WATER	40mL	VIAL	2	1:1 HCL	2.0 9-16-11 JJ Good	X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Melanie J. Leary	6/13/11	16:00	1. Received By: Jerry Bailey	9-12-11	0800
2. Relinquished By: Jerry Bailey	9-15-11	1200	2. Received By: Bill [illegible]	9-16-11	0845
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@007037-006

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

54352

TAL-4149 (1007)

Client	Project Manager	Date
DUPONT KINSTON PLANT	HARDER M	06/13/2011
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**
4693 HIGHWAY 11 NORTH	(252) 341-0912 / (000)	TestAmerica Austin

City	State	Zip Code	Site Contact
KINSTON	NC	28502-0800	HARDER M

Project Number/Name: KEN/GW SAMPLING 2011

Carrier/Waybill Number:

Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL32668 QUOTE: 45870

Page 6 of 8

Analysis: 8270D/LL

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	8270D/LL
KEN-K-EQBLK-GW1	9/14/11	1800	WATER	1L	AMBER	1	None	2.0 9/16/11 BJ (0001)	X

Special Instructions: SAMPLES ARE FROM NORTH CAROLINA SAMPLED BY:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: Brian [illegible]	6/13/11	1600	1. Received By: Jerry Bailey	9-13-11	0800
2. Relinquished By: Jerry Bailey	9-15-11	1200	2. Received By: Brian [illegible]	9-16-11	0845
3. Relinquished By:			3. Received By:		

Comments:

DISTRIBUTION: WHITE - Stays with the Sample: CANARY - Returned to Client with Report: PINK - Field Copy

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0007036-008

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

54362

TAL-4149 (1007)

Client	Project Manager	Date
DUPONT KINSTON PLANT	MARC HARDER	06/13/2011
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**
4693 HIGHWAY 11 NORTH	(252) 341-0912 / (000)	TestAmerica Austin

Page 8 of 14

City	State	Zip Code	Site Contact
KINSTON	NC	28502-0800	JERRY BAILEY

Project Number/Name	Carrier/Waybill Number
KEN/GW SAMPLING 2011	

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : LBIO-66421/WH06504064/TAL32668 QUOTE: 45870

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	Analysis: MS8260LL
KEN-K-TBLK-GW2	9/14/11	1805	WATER	40mL	VIAL	2	1:1 HCL	2.0 9/16/11 BJ 0000	X

Special Instructions
SAMPLES ARE FROM NORTH CAROLINA SAMPLED BY:

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

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required
☐ Normal ☐ Rush ☐ Other ____

QC Level
☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Melanie A. Leary	6/13/11	16:00	1. Received By: Jerry Bailey	9-12-11	0800
2. Relinquished By: Jerry Bailey	9-15-11	1200	2. Received By: Bill [illegible]	9-16-11	0845
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy