Mabbett & Associates, Inc.

Environmental Consultants & Engineers

POLYCHLORINATED BIPHENYL ACTION SUMMARY REPORT

BODYCOTE THERMAL PROCESSING MELROSE PARK, ILLINOIS

3/9/08

PROJECT NO. 1998002.236

March 19, 2008

Mabbett & Associates, Inc.
Environmental Consultants & Engineers
5 Alfred Circle
Bedford, MA 01730-2318
Telephone: (781) 275-6050
Toll Free: (800) 877-6050
Facsimile: (781) 275-5651
info@mabbett.com
www.mabbett.com

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Mabbett & Associates Inc.
Environmental Consultants & Engineers

5 Alfred Circle
Bedford, Massachusetts
01730-2346
Tel: (781) 275-6050
Fax: (781) 275-5651
info@mabbett.com
www.mabbett.com

March 19, 2008

RECEIVED
MAR 25 2008
TOXICS PROGRAM SECTION
Pesticides and Toxics Branch
U.S. EPA - REGION 5

Mr. Tony Martig
Regional PCB Coordinator
US EPA Region V
77 W. Jackson Blvd.
Chicago, IL 60604

Re: Polychlorinated Biphenyl Action Summary Report
Bodycote Thermal Processing
1975 N. Ruby Street
Melrose Park, IL 60160
Project No. 1998002.236

Dear Mr. Martig:

On behalf of Bodycote Thermal Processing (Bodycote), Mabbett & Associates, Inc. (M&A) has prepared the enclosed Polychlorinated Biphenyl Action Summary Report for the facility located at 1975 North Ruby Street in Melrose Park, Illinois. This summary report has been prepared in accordance with the facility's PCB Action/Work Plan dated September 12, 2006 and approved by Region V of the United States Environmental Protection Agency (EPA).

Chemical analysis of light non-aqueous phase liquid (LNAPL), dense non-aqueous phase liquid (DNAPL), and groundwater in the Heat Treat Building portion of the Bodycote facility have yielded varying concentrations of polychlorinated biphenyls (PCBs). The presence of PCBs at the Site appears to only correspond in part with the presence of LNAPL and DNAPL in certain areas of the Heat Treat Building. A separate distinct release of PCBs has not been identified. Ongoing free product removal efforts are being conducted in the NAPL bearing areas in accordance with an Illinois Environmental Protection Agency (IEPA) Voluntary Cleanup Program (VCP). NAPL removal efforts appear to also be the most effective means of reducing PCB mass in the subsurface. Due to the low permeability and corresponding low groundwater recharge rates observed in areas impacted with PCBs and the limited extent of PCBs primarily corresponding to select areas of LNAPL/DNAPL, it is M&A's opinion that PCB contamination is unlikely to migrate off the Site and that additional remedial actions are not warranted at this time.

Free product removal activities will continue at the Bodycote facility until NAPL has been reduced to the maximum extent practicable as prescribed in the current IEPA approved VCP program. In addition, long term semi-annual groundwater sampling will be performed in April and October including select PCB analyses.

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The PCB Action Summary Report for the Heat Treat Building is attached for your review and consideration. If you have any questions or require any further action, please do not hesitate to contact me or James Greacen at (781) 275-6050.

Very truly yours,

MABBETT & ASSOCIATES, INC.

BY:

Paul D. Steinberg, PE, LSP
Senior Vice President and General Manager

/tw

cc: Brian Strebing (Bodycote Thermal Processing)
Paula Stine (IEPA)
JRG (MF)

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ACKNOWLEDGMENT

This *Polychlorinated Biphenyl Action Summary Report* for the Site located at 1975 North Ruby Street in Melrose Park, Illinois has been prepared for the sole and exclusive use of Bodycote Thermal Processing, Inc. This report is subject to and issued in connection with the Letter-Agreement dated September 14, 2007. Any use or reliance upon information provided in this report, without the specific written authorization of Bodycote Thermal Processing, Inc. and Mabbett & Associates, Inc. shall be at the User's sole risk. No attempt has been made to assess the compliance status of any past or present Owner or Operator of the Property with any Federal, state, or local laws or regulations except as described herein with respect to this particular project.

The findings, observations, and conclusions presented in this report, including the extent of subsurface explorations and other tests, are limited by the scope of services outlined in our Letter-Agreements which reflect schedule and budgetary constraints. The professional opinions and findings presented in this report are based on the facts and information conveyed to or observed by Mabbett & Associates, Inc. during completion of this project. Furthermore, assessment and field operations have been performed in accordance with generally accepted engineering practices. No other warranty, expressed or implied, is made.

The assessment presented in this report is based solely upon the laws and regulations existing as of the date of this report as well as the information gathered to date including a limited number of subsurface explorations made on the dates indicated and performed by others. Should further environmental or other relevant information be developed at a later date, Bodycote Thermal Processing, Inc. should bring such information to the attention of Mabbett & Associates, Inc. as soon as possible. Based upon an evaluation, Mabbett & Associates, Inc. may modify this report and its conclusions.

This report was prepared by the following Mabbett & Associates, Inc. personnel:

Julie S. Heimerdinger, MS, EIT, TURP
Environmental Engineer

This report has been reviewed and approved by:

MABBETT & ASSOCIATES, INC.

BY:

James R. Greacen, PG
Director, Site Assessment and Restoration

Paul D. Steinberg, PE, LSP
Senior Vice President & General Manager

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I. INTRODUCTION

Mabbett & Associates, Inc. (M&A) has prepared this Polychlorinated Biphenyl (PCB) Action Summary Report on behalf of our client, Bodycote Thermal Processing (Bodycote), for the Site located at 1975 North Ruby Street in Melrose Park, Illinois. This summary report has been prepared in accordance with 40 CFR 761 and with the Polychlorinated Biphenyl Action/Work Plan dated September 12, 2006.

The presence of PCB contamination in groundwater and non-aqueous phase liquid (NAPL) beneath the Heat Treat Building within a portion of the Bodycote facility was identified in 2000. Source investigations and analytical sampling for the purpose of confirming the nature and extent of PCB contamination have been ongoing since that time. The following sections discuss the data collected and PCB actions taken during 2006 and 2007 as part of the Site's approved PCB Action/Work Plan.

II. DISPOSAL SITE DESCRIPTION

The Bodycote facility is an industrial complex located at 1975 North Ruby Street in Melrose Park, Illinois. The facility was constructed in the 1950s and has been the site of heat treating operations since that time. The property is located in an Industrial zoned area and is planned for continued use as a manufacturing facility into the foreseeable future. A Site Location Map and a Site Plan are provided as Drawings L-1 and L-2, respectively.

III. SITE HISTORY

The presence of PCBs beneath the Bodycote Heat Treat Building was discovered in May 2000 during routine profiling of groundwater and dense non-aqueous phase liquid (DNAPL) associated with remedial efforts to remove free product from on-site monitoring well M&A-113 (refer to Drawing L-2). Of the nine drums that were profiled for off-site disposal, eight had detectable concentrations of Aroclor 1248 PCBs ranging from 341 milligrams per kilogram (mg/kg) to 516 mg/kg. These detections were above applicable state and Federal standards for PCBs.

In response to the May 2000 PCB detections, M&A initiated an in-depth review of available documentation for the property in order to identify potential sources of PCB contamination at the Site. M&A reviewed records at the Bodycote facility, the State Fire Marshall, the Village of Melrose Park Fire Department, The Village of Melrose Park Building Department, and Village of Melrose Park Health Office, however, no records were located which documented PCB use, spills, or the presence of PCB containing equipment at the Site. Bodycote personnel were also interviewed for their knowledge regarding PCB spills or PCB containing equipment at the facility, but no known PCB spills or PCB containing equipment were identified to the best of the personnel's knowledge.

During September 2000, M&A sampled NAPL occurring in monitoring wells M&A-113 and M&A-111 for PCB analysis. Laboratory results indicated the presence of Aroclor 1248 PCBs at concentrations of 1,600 mg/kg and 3,308 mg/kg, respectively. Upon further corroboration of laboratory results, M&A decided to conduct a round of groundwater sampling for PCBs in October 2002. Samples were collected from seven monitoring wells located in the Heat Treat Building and submitted for laboratory analysis of PCBs in accordance with United States Environmental Protection Agency (EPA) Test Method 8082. Detected concentrations of PCBs were observed in four of the seven monitoring wells and ranged between 1.6 micrograms per liter (ug/L) and 600

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ug/L. The Illinois Environmental Protection Agency (IEPA) TACO Tier I standard for PCBs in groundwater is 2.5 ug/L.

Between 2002 and 2006, M&A conducted additional groundwater and NAPL sampling in order to obtain additional data necessary for formulating a PCB Action/Work Plan. During this time, low flow sampling methods were used to reduce turbidity to obtain more representative samples to evaluate dissolved PCB concentrations. The resulting PCB analytical results were significantly lower using the revised and more appropriate sampling techniques. The results of the PCB sampling are summarized in Tables 1 and 2. NAPL recovery efforts initiated at the Site under the IEPA Voluntary Cleanup Program (VCP) appear to be removing PCB mass from the subsurface by abating NAPL presence and contributing to the lower PCB concentrations observed during recent sampling events.

In October 2005, M&A contacted Ms. Pricilla Fonseca (Region V EPA) in regards to the actions necessary to begin clean up activities and/or continue PCB delineation activities at the facility. Ms. Fonseca informed M&A that Bodycote needed to file a "Notice of PCB Activity" (Form #7710-53) and a PCB Action/Work Plan with the EPA. Form #7710-53 was appropriately filed on November 8, 2005. A PCB Action/Work Plan was submitted on September 12, 2006 and proposed the following:

- Install additional monitoring wells in the northwest region of the Heat Treat Building and outside the northwestern wall of the Heat Treat Building to confirm the extent of PCB contamination;
- Continue with the remedial efforts initiated under the IEPA approved VCP in regards to NAPL recovery efforts; continued removal of light non-aqueous phase liquid (LNAPL) and DNAPL was expected to result in further reductions in PCB concentrations at the Site;
- Maintain constructed engineered barriers, utilizing existing concrete slab flooring, over areas of residual soil impacts to eliminate potential exposure; and
- Conduct ongoing periodic training of Bodycote personnel as to appropriate PCB waste management procedures.

PCB actions taken at the Bodycote facility since the submittal of the PCB Action/Work Plan in September 2006 are summarized in the following sections.

IV. PCB ACTIONS

A. PCB Storage Area

In accordance with 40 CFR 761.65, Bodycote is required to have a hazardous waste storage area at the facility that is designed for PCB wastes if waste materials contain 50 parts per million (ppm) or greater of PCBs A waste accumulation area has been established in the Heat Treat Building. The accumulation area generally contains two to three 55-gallon drums including one for NAPL containing materials such as absorbent socks and bailers used for manual product removal, one for DNAPL extracted from monitoring well M&A-113, and one for LNAPL

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removed from monitoring wells M&A-114, M&A-111, M&A-301 and MCA-2. The drums are situated on a secondary containment pallet with a storage capacity greater than 55 gallons. Drums stored in the accumulation area are appropriately labeled with the applicable waste codes and the words "CONTAINS PCBS" on the hazardous waste label. All PCB containing wastes at the Bodycote facility must be disposed of within one year of their accumulation start date in accordance with 40 CFR 761.65.

B. Soil Boring and Monitoring Well Installations

On November 15, 2006, M&A personnel oversaw the advancement of three soil borings in and around the northwestern portion of the Heat Treat Building for the purpose of delineating the extent of PCBs at the Site. The soil borings were advanced by Precon Drilling, Inc. of Addison, Illinois using hollow stem auger drilling techniques. The soil borings were completed with 2-inch diameter monitoring wells and designated M&A-130, M&A-131, and M&A-133 (refer to Drawing L-2). Boring logs and well construction diagrams are provided as Appendix A.

Monitoring wells M&A-130 and M&A-131 are located outside of the Heat Treat Building along Ruby Street. Shallow monitoring well M&A-130 was advanced to 16 feet below ground surface (bgs) with a 10-foot screen interval located between 5 and 15 feet bgs. Intermediate monitoring well M&A-131 was advanced to 30 feet bgs with a 10-foot screen interval located between 19 and 29 feet bgs. Soils encountered during the advancement of these monitoring wells were generally clays with some silt and gravel. Visual or olfactory indicators of contamination were not observed in either of the boreholes located outside the Heat Treat Building.

Monitoring well M&A-133 is located in the northwest corner of the Heat Treat Building and is an intermediate well advanced to 30 feet bgs. The monitoring well is screened between 19 and 29 feet bgs. Soils encountered in the boring consisted of approximately 9 feet of fill material underlain by clays. Visual and olfactory screening of the soils did not indicate the presence of contaminants.

C. Groundwater Sampling

M&A collected groundwater samples from newly installed monitoring wells M&A-131 and M&A-133 (designated Outside-I and Inside-I, respectively on the laboratory report) on December 19, 2006. Monitoring well M&A-130 could not be sampled due to the lack of groundwater recharge into the well. Groundwater samples were submitted to Test America Analytical Testing Corporation (Test America) of Nashville, Tennessee for analysis of PCBs in accordance with EPA Test Method 8082 and VOCs in accordance with EPA Test Method 8260B. The laboratory report for the December 2006 groundwater sampling is provided as Appendix B. Based on the analytical results, neither PCBs nor VOCs were detected in monitoring wells M&A-131 and M&A-133 above laboratory reporting limits.

PCB sampling was also performed at select monitoring well locations during routine Semi-Annual Sampling Events conducted under the IEPA VCP in October 2006 and May and October 2007. Semi-Annual Sampling Reports for the Heat Treat Building presenting the results and laboratory reports for these sampling events have previously been submitted to the IEPA and the EPA Region V Regional PCB Coordinator. Tables 1 and 2 provide PCB sampling data collected to date for both groundwater and NAPL beneath the Heat Treat Building. In general,

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concentrations of PCBs detected at the Site have decreased significantly since their discovery in May 2000. Additional discussion regarding the nature and extent of PCBs in groundwater and NAPL at the Bodycote facility is provided in Section V.

D. Low-Vacuum NAPL Recovery Pilot Test

Based on PCB sampling results collected to date, the presence of PCBs beneath the Heat Treat Building appears to correspond primarily with the presence of DNAPL and LNAPL. Ongoing NAPL recovery efforts conducted under the IEPA VCP appear to be effective at also reducing PCB concentrations in the subsurface at the Bodycote facility. As such, during April 2007, M&A conducted pilot testing in the vicinity of the Heat Treat Building to identify the potential for increased LNAPL recovery with a low vacuum extraction system. Pilot testing at the facility included the application of negative pressure on certain monitoring and extraction wells to induce LNAPL to flow more readily to the wells through preferential flow pathways without solely relying on the groundwater gradient to transport it.

Results of the low vacuum extraction pilot testing did not indicate the presence of significant preferential flow pathways. The low transmissivity of the silt and clay materials observed below the footprint of the Heat Treat Building did not exhibit enhanced movement of LNAPL under negative pressure during the pilot test. As such, it was determined that the implementation of a full scale low vacuum extraction system in NAPL bearing areas of the Heat Treat Building would not significantly increase product recovery rates at the Site.

V. NATURE AND EXTENT OF PCB CONTAMINATION

Drawing L-3 provides the locations of PCB monitoring wells sampled by M&A on a semi-annual basis. Based on historical PCB data for the Heat Treat Building (provided in Tables 1 and 2), PCBs appear to be limited to NAPL and groundwater in the vicinity of monitoring wells M&A-111, M&A-113 and M&A-114. As indicated in Table 1, detected concentrations of PCBs in groundwater beneath the Heat Treat Building have been below the IEPA TACO Tier I Standard of 2.5 ug/L for PCBs since the spring 2006 sampling event. However, Aroclor 1248 PCBs continue to be detected above 50 ppm in NAPL samples collected from monitoring wells M&A-113 and M&A-114.

Drawing L-4 depicts how the area of PCB groundwater and NAPL contamination beneath the Heat Treat Building has decreased between 2004 and 2007. The successful elimination of LNAPL in monitoring well M&A-301 and the absence of PCBs in groundwater at downgradient boundary wells M&A-122, M&A-131, and M&A-301 indicate that the likelihood for migration of PCB contaminated groundwater in a westerly direction off the property is minimal (refer to Drawing L-5 Heat Treat Building Shallow Groundwater Contours).

VI. SUMMARY

Groundwater and NAPL samples have been collected and analyzed for PCBs over the past several years from monitoring wells located throughout the Heat Treat Building in an effort to identify a source of PCB contamination at the Site. While no definitive source has been identified, PCB contamination has been observed in only a limited area both laterally and vertically beneath a portion of the Bodycote facility. Dissolved concentrations of PCBs in groundwater have declined

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significantly since the discovery of PCBs at the Site in 2000 and have been below applicable IEPA TACO Tier I Standards since 2006.

NAPL recovery efforts in the Heat Treat Building are ongoing and appear to have reduced the occurrence of NAPL in this portion of the Site to only those areas around monitoring wells M&A-113 and M&A-114. Continuing to remove free product to the extent practicable in these areas appears to be the most effective means of achieving additional PCB reductions in the Heat Treat Building.

VII. FURTHER EXPLORATION/REMEDIAL ACTIONS

Based on the information collected to date, M&A recommends continued NAPL removal as the primary course of action for reducing PCB contamination at the Site. The in-situ DNAPL extraction system located in monitoring well M&A-113 will continue to operate on a full-time basis in accordance with the VCP established for the Heat Treat Building. In addition, Bodycote and M&A personnel will continue to bail LNAPL from monitoring well M&A-114 on a periodic basis and maintain oil absorbent media in other monitoring wells where free product is present or has historically been observed.

M&A will continue to perform long term groundwater and NAPL monitoring to coincide with the April and October semi-annual sampling events established under the VCP. PCB Summary Reports will be submitted to the EPA on an annual basis until such time that a status No Further Action has been issued for PCB contamination at the Site.

Based on the information presented herein, it is M&A's opinion that:

1. No active PCB release sources are present and based on diligent research no historic sources for PCBs have been identified.

2. The presence of PCBs appears to be commingled with NAPL and limited in extent.

3. Groundwater quality appears to meet the IEPA standard for PCBs of 2.5 ug/L.

4. The extent of PCBs in the subsurface has been reasonably delineated.

5. PCBs do not appear to be migrating and based on site data, the potential for significant PCB migration is low.

6. Ongoing efforts to remove NAPL under the approved IEPA VCP also appear to be the most appropriate remediation strategy for PCBs.

7. No further investigation or additional remediation appears warranted at this time.

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TABLE 1
BODYCOTE THERMAL PROCESSING
HEAT TREATMENT BUILDING
SUMMARY OF POLYCHLORINATED BIPHENYLS LABORATORY ANALYTICAL RESULTS

GW Samples			Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
TACO Tier I Standard			2.5	2.5	2.5	2.5	2.5	2.5	2.5
WELL	AQUIFER	DATE	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
M&A-109	Deep	5/18/2004	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		4/17/2006 (1)	-	-	-	-	-	-	-
		10/19/2006 (1)	-	-	-	-	-	-	-
		5/2/2007 (1)	-	-	-	-	-	-	-
		10/17/2007(1)	-	-	-	-	-	-	-
M&A-110	Intermed	5/18/2004	< 0.5	< 1.0	< 0.5	< 0.5	12.2	< 0.5	< 0.5
		4/17/2006 (1)	-	-	-	-	-	-	-
		5/15/2006	<0.4	<0.4	<0.4	5.92	<0.4	<0.4	<0.4
		10/19/2006	< 0.5	< 0.5	< 0.5	< 0.5	**1.31**	< 0.5	< 0.5
		4/30/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		10/17/2007	<0.5	<0.5	<0.5	<0.5	**1.11**	<0.5	<0.5
M&A-111	Intermed	10/02/2002	< 25	< 50	< 25	600	< 25	154	< 25
		10/23/2003	< 0.5	< 1.0	< 0.5	< 0.5	3.73	< 0.5	< 0.5
		5/18/2004	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		4/18/2006	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		10/19/2006	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		4/30/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		10/18/2007	<0.5	<0.5	<0.5	<0.5	**0.652**	<0.5	<0.5
M&A-112	Shallow	10/02/2002	< 0.5	< 1.0	< 0.5	5.9	< 0.5	2.8	< 0.5
		10/23/2003	< 1.0	< 2.0	< 1.0	< 1.0	17.7	9.04	< 1.0
		5/18/2004	< 0.5	< 1.0	< 0.5	< 0.5	13.3	< 0.5	< 0.5
		4/18/2006	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		10/19/2006(2)	-	-	-	-	-	-	-
		5/01/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		10/18/2007	<0.5	<0.5	<0.5	<0.5	**1.99**	<0.5	<0.5
M&A-113	Intermed	5/18/2004	< 0.5	< 1.0	< 0.5	< 0.5	15.8	< 0.5	< 0.5
		4/19/2006	< 1.0	< 1.0	< 1.0	16.3	< 1.0	< 1.0	< 1.0
		10/19/2006	< 0.5	< 0.5	< 0.5	< 0.5	**1.22**	< 0.5	< 0.5
		5/01/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		10/17/2007(2)	-	-	-	-	-	-	-
M&A-114	Shallow	10/02/2002	< 0.5	< 1.0	< 0.5	16.8	< 0.5	13.8	< 0.5
		4/17/2006 (3)	-	-	-	-	-	-	-
		10/19/2006 (3)	-	-	-	-	-	-	-
		5/2/2007 (3)	-	-	-	-	-	-	-
		10/17/2007(3)	-	-	-	-	-	-	-

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TABLE 1
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GW Samples			Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
TACO Tier I Standard			2.5	2.5	2.5	2.5	2.5	2.5	2.5
WELL	AQUIFER	DATE	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
M&A-126	Intermed	5/18/2004	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		4/18/2006	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		10/18/2006	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		4/30/2007	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		10/18/2007	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
M&A-131	Intermed	12/19/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
M&A-133	Intermed	12/19/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
M&A-301	Shallow	4/19/2006	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		10/18/2006	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		5/02/2007	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		10/17/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
M&A-208	Intermed	10/18/2006	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		4/30/2007(2)	-	-	-	-	-	-	-
		10/17/2007(2)	-	-	-	-	-	-	-

Notes:
ug/l - micrograms per liter
PCBs analysis performed via EPA Method 8082
TACO - Tiered Approach Toward Corrective Action
TACO Tier I Standards based on the Illinois Environmental Protection Agency Title 35. Admin Code 742.505
Tier 1 Remediation Objectives for Class II Groundwater
Tier 2 GROs must be established for compounds exceeding Tier 1 Standards
Shading indicates compound exceeds established TACO Tier I standard.
BOLD values indicate compound was detected
(1) Not sampled, well was dry.
(2) Not sampled, insufficient water recharge to complete sampling.
(3) Not sampled, well contained no water, only Free Product
(4) Not sampled, obstruction in well.

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TABLE 2
BODYCOTE THERMAL PROCESSING
HEAT TREATMENT BUILDING
SUMMARY OF NON-AQUEOUS PHASE LIQUID LABORATORY ANALYTICAL RESULTS

PCBs			Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
WELL	**AQUIFER**	**DATE**	**(mg/kg)**	**(mg/kg)**	**(mg/kg)**	**(mg/kg)**	**(mg/kg)**	**(mg/kg)**	**(mg/kg)**
M&A-114	Shallow	5/17/2004	< 0.05	< 0.05	< 0.05	< 0.05	**1.72**	< 0.05	< 0.05
		4/17/2006	< 0.128	< 0.128	< 0.128	< 0.128	**41.4**	< 0.128	< 0.128
		10/19/2006	< 0.0326	< 0.0326	< 0.0326	< 0.0326	< 0.0326	< 0.0326	< 0.0326
		5/2/2007	<0.162	<0.162	<0.162	<0.162	**36.8**	<0.162	<0.162
		10/17/2007	<0.135	<0.135	<0.135	<0.135	**53.5**	<0.135	<0.135
M&A-113	Intermed	5/17/2004	< 50	< 50	< 50	< 50	**946**	< 50	< 50
		4/19/2006	< 0.0326	< 0.0326	< 0.0326	< 0.0326	< 0.0326	< 0.0326	< 0.0326
		10/19/2006 (1)	-	-	-	-	-	-	-
		5/2/2007	<3.2	<3.2	<3.2	<3.2	**953**	<3.2	<3.2
		10/17/2007	<6.53	<6.53	<6.53	<6.53	**1320**	<6.53	<6.53
M&A-301	Shallow	5/17/2004	< 0.5	< 0.5	< 0.5	< 0.5	**0.67**	< 0.5	< 0.5
		4/19/2006 (1)	-	-	-	-	-	-	-
		10/19/2006 (1)	-	-	-	-	-	-	-
		5/2/2007 (1)	-	-	-	-	-	-	-
		10/17/2007 (1)	-	-	-	-	-	-	-
MCA-2	Shallow	5/17/2004	-	-	-	-	-	-	-
		4/17/2006	< 0.132	< 0.132	< 0.132	< 0.132	< 0.132	< 0.132	< 0.132
		10/19/2006	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032
		5/2/2007 (1)	-	-	-	-	-	-	-
		10/17/2007 (1)	-	-	-	-	-	-	-

Notes: mg/kg - milligrams per kilogram.
PCBs analysis performed via EPA Method 8082
BOLD values indicate compound was detected
(1) Not sampled, no product present

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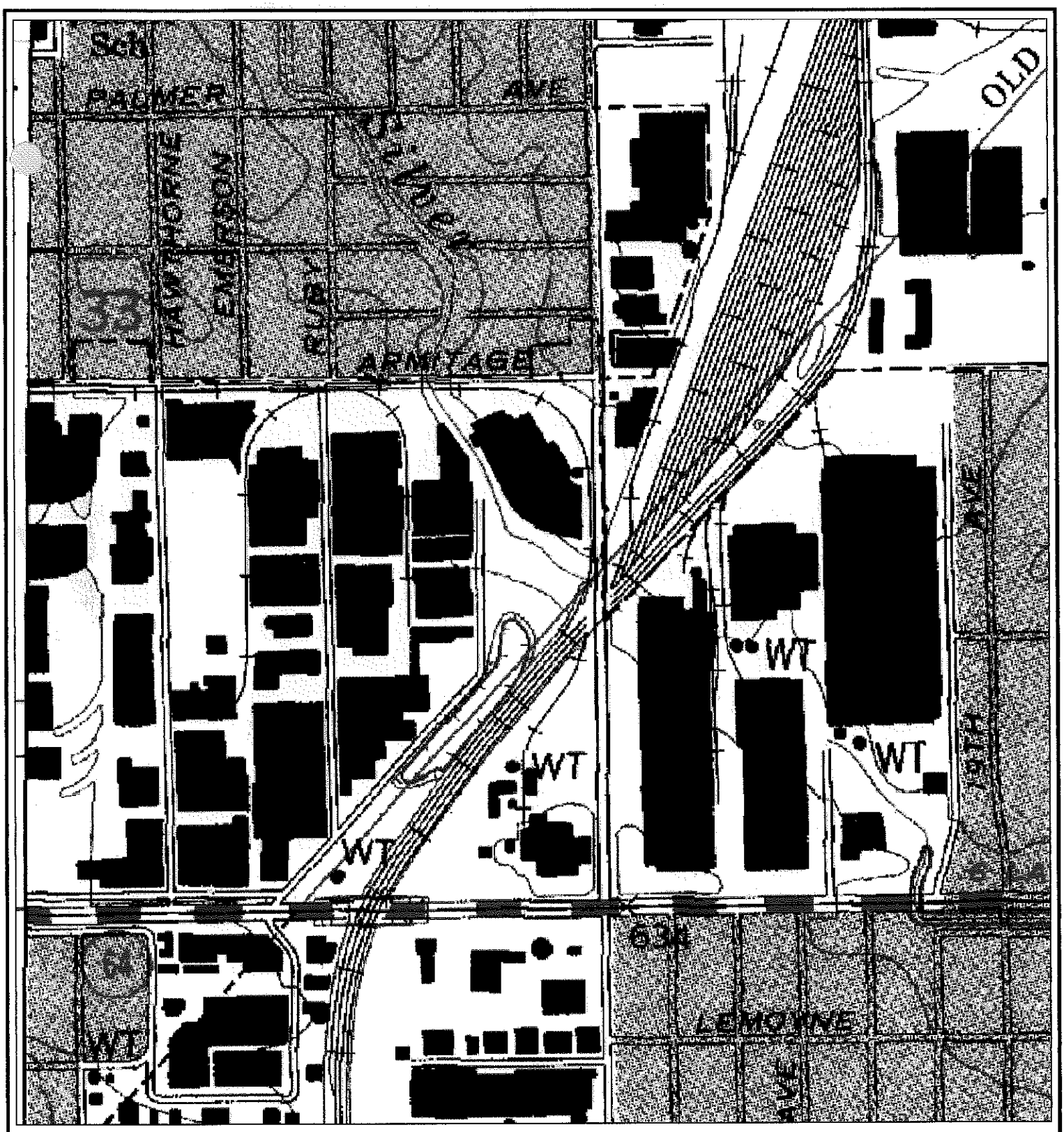

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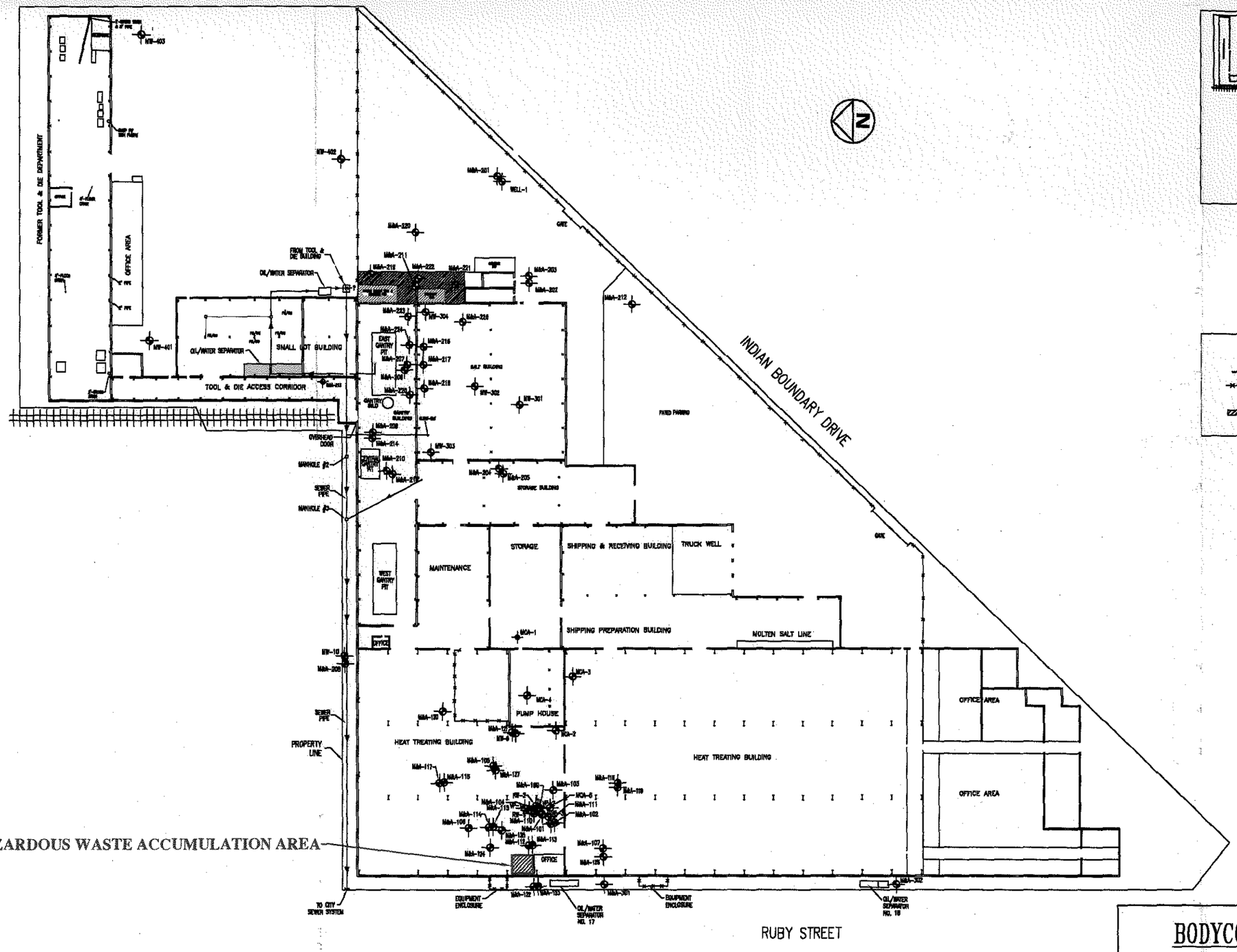
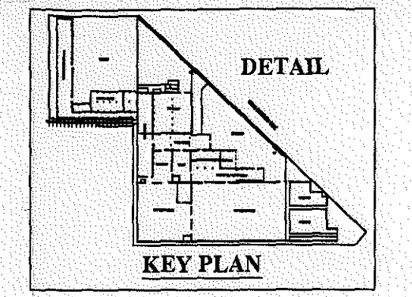
* CONTOUR INTERVAL – 5 FEET

BODYCOTE THERMAL PROCESSING, INC. MELROSE PARK, ILLINOIS	SITE AREA TOPOGRAPHY	DWG NO. L-1
Mabbett & Associates Environmental Consultants & Engineers	SCALE: 1"=200' / DR BY: DJA DATE: 3/19/08 / AP BY: B	PROJ NO. 1998002.236





LEGEND:

BODYCOTE THERMAL PROCESSING, INC.

MELROSE PARK, ILLINOIS

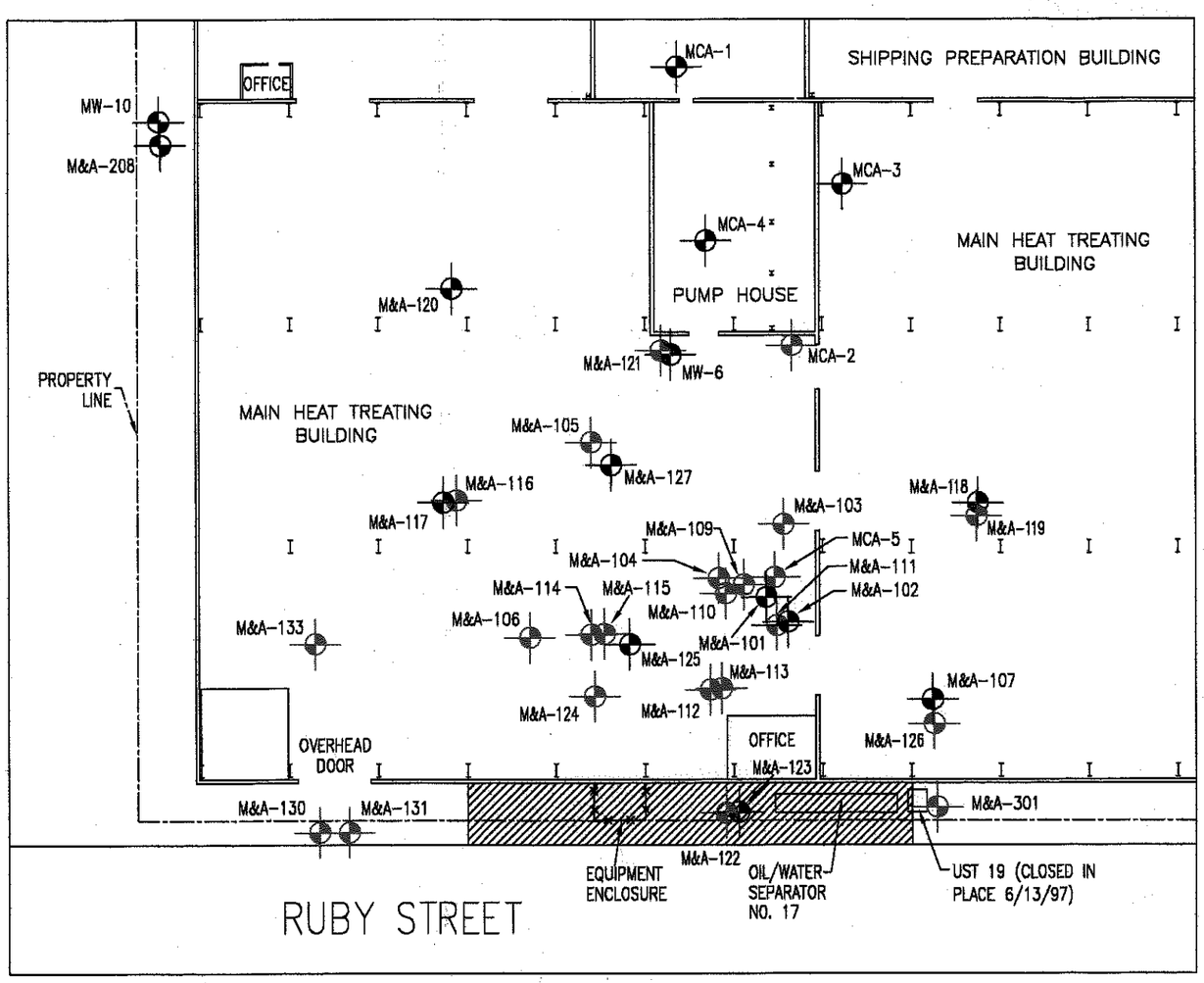
NO.	DATE	DESCRIPTION	DRN	CHK	APP
		REVISION			

Mabbett & Associates
Environmental Consultants & Engineers

SITE & HAZARDOUS STORAGE LOCATIONS PLAN

DWG. NO. L-2

DRAWN DJA | APPROVED | SCALE 1"=100'-0" | PROJ. NO. 1998002.236



NOTES:

1. MONITORING WELL AND BORING LOCATIONS INSTALLED PRIOR TO 1997 ARE BASED ON FIELD MEASUREMENTS TAKEN BY M&A PERSONNEL.
2. MONITORING WELL AND BORING LOCATIONS INSTALLED DURING AND AFTER 1997 ARE BASED ON FIELD MEASUREMENTS TAKEN BY AN ILLINOIS REGISTERED LAND SURVEYOR.

LEGEND:

- MONITORING WELL LOCATION
- MONITORING WELL SAMPLED FOR PCB's
- APPROXIMATE PROPERTY LINE
- SUPPORTING COLUMN
- ENGINEERED BARRIER: BITUMINOUS CONCRETE

N

SCALE:

0 40' 80' 120'

BODYCOTE THERMAL PROCESSING, INC. MELROSE PARK, ILLINOIS	HEAT TREATMENT BUILDING PCB MONITORING WELL LOCATIONS	DRAWING NO. L-3
Mabbett & Associates Environmental Consultants & Engineers	SCALE: 1"=40'-0" DR BY: DJA	
	DATE: 3/19/08 AP BY:	PROJECT NO. 1998002.236

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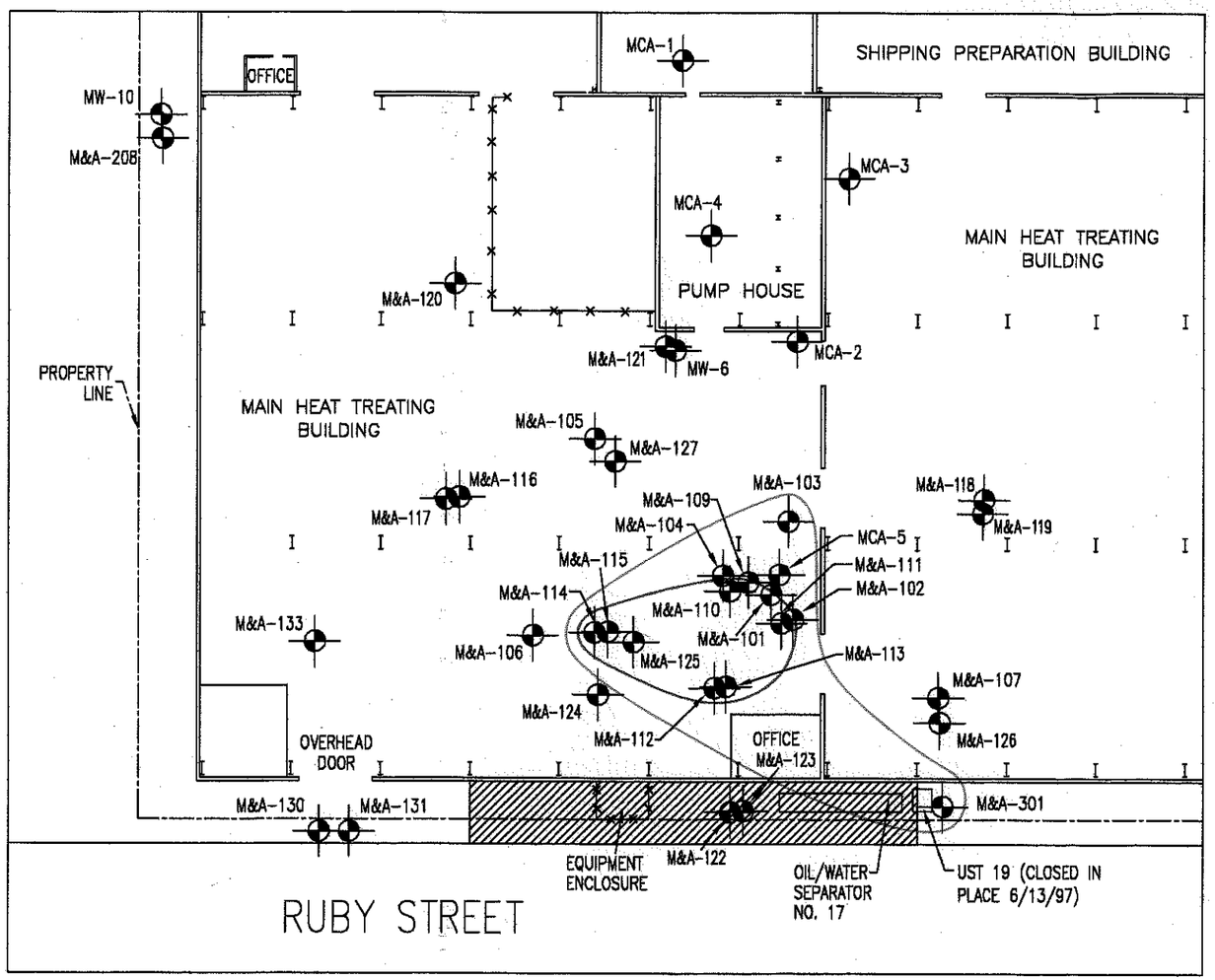

NOTES:

1. MONITORING WELL AND BORING LOCATIONS INSTALLED PRIOR TO 1997 ARE BASED ON FIELD MEASUREMENTS TAKEN BY M&A PERSONNEL.
2. MONITORING WELL AND BORING LOCATIONS INSTALLED DURING AND AFTER 1997 ARE BASED ON FIELD MEASUREMENTS TAKEN BY AN ILLINOIS REGISTERED LAND SURVEYOR.

LEGEND:

- MONITORING WELL LOCATION
- APPROXIMATE PROPERTY LINE
- CHAIN LINK FENCE
- SUPPORTING COLUMN
- ENGINEERED BARRIER: CONCRETE SLAB
- AREA OF PCB CONTAMINATION (2007)
- AREA OF PCB CONTAMINATION (2004)

SCALE:

0 40' 80' 120'

Copyright, 2008
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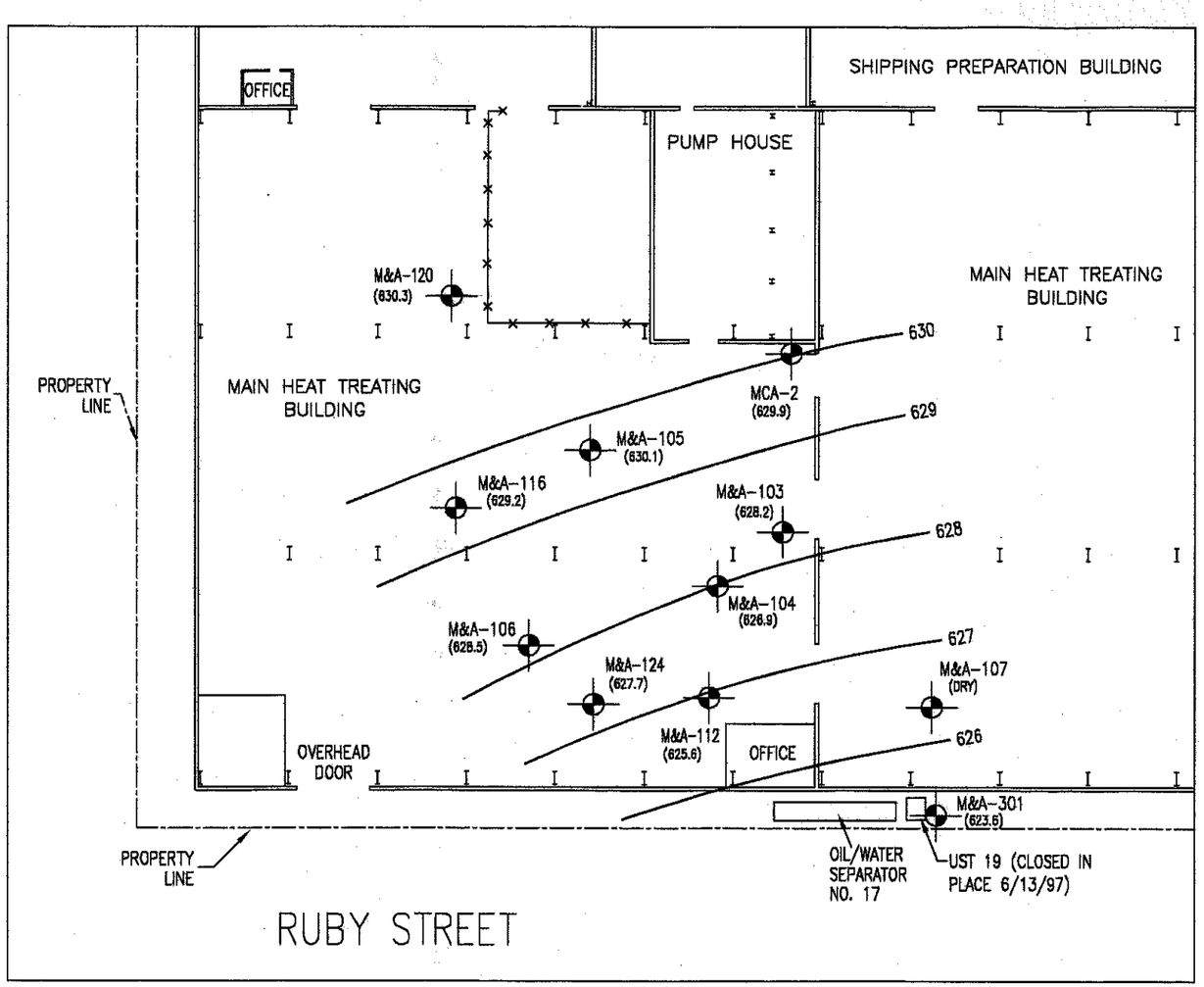
BODYCOTE THERMAL PROCESSING, INC. MELROSE PARK, ILLINOIS	HEAT TREATMENT BUILDING AREA OF PCB CONTAMINATION, 2004 AND 2007	DRAWING NO.
Mabbett & Associates Environmental Consultants & Engineers	SCALE: 1"=40'-0" / DR BY: DJA	L-4
	DATE: 3/12/08 / AP BY:	PROJECT NO. 1998002.236



NOTES:

1. MONITORING WELL LOCATIONS INSTALLED PRIOR TO 1997 ARE BASED ON FIELD MEASUREMENTS TAKEN BY M&A PERSONNEL.
2. MONITORING WELL LOCATIONS INSTALLED DURING AND AFTER 1997 ARE BASED ON FIELD MEASUREMENTS TAKEN BY AN ILLINOIS REGISTERED LAND SURVEYOR.

LEGEND:

- MONITORING WELL LOCATION
- APPROXIMATE PROPERTY LINE
- CHAIN LINK FENCE
- SUPPORTING COLUMN
- 1.0 FT. SHALLOW GROUNDWATER CONTOURS (October 2007)

SCALE:

0 40' 80' 120'

BODYCOTE THERMAL PROCESSING, INC. MELROSE PARK, ILLINOIS	SHALLOW GROUNDWATER ELEVATION CONTOURS OCTOBER 17, 2007	DRAWING NO. L-5
Mabbett & Associates Environmental Consultants & Engineers	SCALE: 1"=40'-0" DR BY: DJA	
	DATE: 3/19/08 AP BY:	PROJECT NO. 1998002.236

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APPENDIX A

Boring Logs and Well Construction Diagrams

Boring Log/Well Construction Diagram

Mabbett & Associates, Inc.
Environmental Consultants & Engineers

Five Alfred Circle, Bedford, Massachusetts 01730

Phone:(781) 275-6050 Fax: (781)275-5651

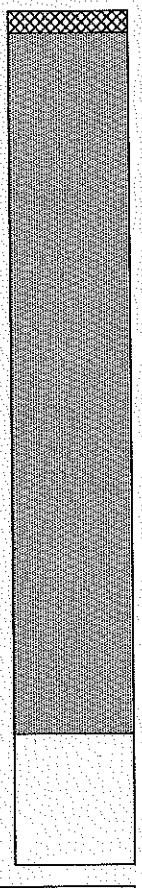
LOCATION: 1975 N Ruby Street
PROJ. NO. 1998002.200
BORING LOCATION: Melrose Park, IL
DATE START/FINISH: 11/15/2006
GROUND ELEVATION (NGVD): NS
CONTRACTOR: PRECON Drilling
FOREMAN: Shawn
GROUNDWATER DEPTH: DRY
LOGGED BY: CLM
CHECKED BY: CLM
METHOD: Hollow Stem Auger
DATE: 12/22/2006
CASING: NA
DIAMETER: 4 1/4 Augers

BORING NO.	130
WELL NO.	130
PG. 1 OF 1	

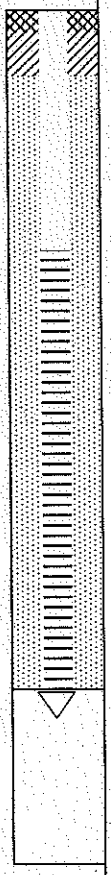
SAMPLE DEPTH (IN)	TYPE & NO.	PEN (IN)	REC (IN)	BLOWS (per 6-in)	HEADSPACE (ppmv)	REMARKS	SOIL DESCRIPTION
0							6" concrete
6, 12, 18, 24	SS-1	-	-	2, 4, 5, 7	<0.1	CH, Soft	Brn Clay some F Grvl
30, 36, 42, 48	-	-	-	3, 6, 9, 14	-	-	
54, 60, 66, 72	SS-2	-	-	7, 5, 8, 11	<0.1	CH, stiff	Brn Clay some F Grvl
78, 84, 90, 96	-	-	-	1, 6, 7, 8	-	-	Olive Gray Clay
102, 108, 114, 120	SS-3	-	-	2, 5, 9, 14	<0.1	CH, stiff	Brn Clay some F Grvl
126, 132, 138, 144	-	-	-	2, 3, 4, 9	-	-	
150, 156, 162, 168	SS-4	-	-	6, 7, 12, 15	<0.1	CH, stiff	Brn Clay
174, 180, 186, 192	-	-	-	2, 11, 14, 15	-	-	

Boring stopped at 192 inches.

SOIL LOG



WELL LOG



CH = INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
UNC=UNCERTAIN
PEN=PENETRATION LENGTH OF SAMPLER OR CORE BARREL
REC=LENGTH OF SAMPLE RECOVERED
SS=SPLIT SPOON SAMPLE
S=SAMPLE TAKEN OFF AUGER
HEADSPACE = A MINIRAE 2000 10.6 Ev PHOTO-IONIZATION DETECTOR (PID) WAS UTILIZED TO MEASURE VOLATILE ORGANIC VAPORS.
RQD=LENGTH OF SOUND CORES > IN./LENGTH CORED %
DEPTH=DEPTH BELOW GROUND SURFACE
(GRAPHICAL COLUMN SHOWS LOCATION OF SAMPLE)

SOIL TYPES		WELL CONSTRUCTION DETAILS	
silt & clay		asphalt	
concrete		concrete	
gravel		native fill	
sand		bentonite	
silt		casing	
clay		screen	
sand & gravel		grout	
bedrock		bedrock	

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/ft.	DENSITY	BLOWS/ft.	CONSISTENCY
0-4	very LOOSE	<2	very SOFT
4-10	LOOSE	2-4	SOFT
10-30	medium DENSE	4-8	medium STIFF
30-50	DENSE	8-15	STIFF
>50	very DENSE	15-30	very STIFF
		>30	HARD

Notes:

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Boring Log/Well Construction Diagram

Mabbett & Associates, Inc.
Environmental Consultants & Engineers

Five Alfred Circle, Bedford, Massachusetts 01730

Phone:(781) 275-6050 Fax: (781)275-5651

LOCATION: 1975 N Ruby Street PROJ. NO. 1998002.200
BORING LOCATION: Melrose Park, IL
DATE START/FINISH: 11/15/2006
GROUND ELEVATION (NGVD): NS
CONTRACTOR: PRECON Drilling FOREMAN: Shawn
GROUNDWATER DEPTH: ~3 feet
LOGGED BY: CLM CHECKED BY: CLM
METHOD: Hollow Stem Auger DATE: 12/22/2006
CASING: NA
DIAMETER: 4 1/4 Augers

BORING NO.	131
WELL NO.	131
PG. 1 OF 1	

SAMPLE DEPTH (IN)	TYPE & NO.	PEN (IN)	REC (IN)	BLOWS (per 6-in)	HEADSPACE (ppmv)	REMARKS	SOIL DESCRIPTION
0							
6	SS-1	24	24	2	<0.1	SP, loose	Brn M Clay, Some F-M Sd, Some F Grvl
12				3			
18				3			
24				4			
30	SS-2	24	18	2	<0.1	CH, stiff	Brn M Clay, Some F Grvl
36				4			
42				6			
48				6			
54	SS-3	24	16	4	<0.1	CH, stiff	Brn M Clay, Some F Grvl
60				6			
66				6			
72				7			
78	SS-4	24	24	3	<0.1	CH, stiff	Brn M Clay, Some F Grvl
84				7			
90				9			
96				18			
102	SS-5	24	16	1	<0.1	CH, stiff	Brn M Clay, Some F Grvl
108				6			
114				7			
120				17			Drk Brn/Gry Clay
126	SS-6	24	19	1	<0.1	CH, stiff	
132				6			
138				10			Drk Brn/Gry Clay
144				14			
150	SS-7	24	24	1	<0.1	CH, stiff	
156				6			
162				7			Drk Brn/Gry Clay
168				16			
174	SS-8	24	18	2	<0.1	CH, stiff	
180				3			
186				6			Drk Brn/Gry Clay
192				12			
198	SS-9	24	21	2	<0.1	CH, stiff	
204				6			
210				9			Drk Brn/Gry Clay
216				14			

SOIL LOG

WELL LOG

CH = INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
UNC=UNCERTAIN
PEN=PENETRATION LENGTH OF SAMPLER OR CORE BARREL
REC=LENGTH OF SAMPLE RECOVERED
SS=SPLIT SPOON SAMPLE
S=SAMPLE TAKEN OFF AUGER
HEADSPACE = A MINIRAE 2000 10.6 Ev PHOTO-IONIZATION DETECTOR (PID) WAS UTILIZED TO MEASURE VOLATILE ORGANIC VAPORS.
RQD=LENGTH OF SOUND CORES > IN./LENGTH CORED %
DEPTH=DEPTH BELOW GROUND SURFACE
(GRAPHICAL COLUMN SHOWS LOCATION OF SAMPLE)

SOIL TYPES	WELL CONSTRUCTION DETAILS
silt & clay	asphalt
concrete	concrete
gravel	native fill
sand	bentonite
silt	casing
clay	screen
sand & gravel	grout
bedrock	bedrock

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/ft.	DENSITY	BLOWS/ft.	CONSISTENCY
0-4	very LOOSE	<2	very SOFT
4-10	LOOSE	2-4	SOFT
10-30	medium DENSE	4-8	medium STIFF
30-50	DENSE	8-15	STIFF
>50	very DENSE	15-30	very STIFF
		>30	HARD

Notes:Soil moist at 8-9 FBG. Backfilled boring with cuttings.

Boring Log/Well Construction Diagram

Mabbett & Associates, Inc.
Environmental Consultants & Engineers

Five Alfred Circle, Bedford, Massachusetts 01730

Phone:(781) 275-6050 Fax: (781)275-5651

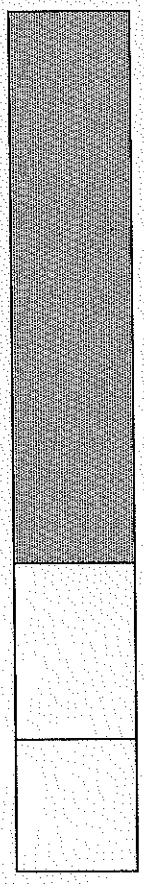
LOCATION: 1975 N Ruby Street
PROJ. NO. 1998002.200
BORING LOCATION: Melrose Park, IL
DATE START/FINISH: 11/15/2006
GROUND ELEVATION (NGVD): NS
CONTRACTOR: PRECON Drilling
FOREMAN: Shawn
GROUNDWATER DEPTH: ~3 feet
LOGGED BY: CLM
CHECKED BY: CLM
METHOD: Hollow Stem Auger
DATE: 12/22/2006
CASING: NA
DIAMETER: 4 1/4 Augers

BORING NO.	131
WELL NO.	131
PG. 1 OF 1	

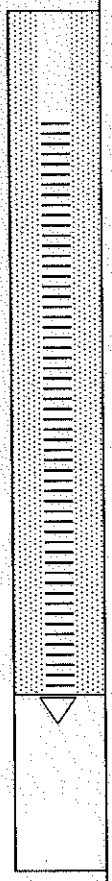
SAMPLE DEPTH (IN)	TYPE & NO.	PEN (IN)	REC (IN)	BLOWS (per 6-in)	HEADSPACE (ppmv)	REMARKS	SOIL DESCRIPTION
216							
222	SS-10	24	22	3	<0.1	CH, stiff	Drk Brn/Gry Clay
228				7			
234				11			
240				19			
246	SS-11	24	21	3	<0.1	CH, stiff	Drk Brn/Gry Clay
252				7			
258				11			
264				14			
270	SS-12	24	18	4	<0.1	CH, stiff	Drk Brn/Gry Clay
276				8			
282				14			
288				19			
294	SS-13	24	17	1	<0.1	CH, stiff	Drk Brn/Gry Clay
300				9			
306				12			
312				21			
318	SS-14	24	18	2	<0.1	CH, stiff	Drk Brn/Gry Clay
324				6			
330				17			
336				22			Drk Brn/Gry Clay
342	SS-15	24	22	4	<0.1	CH, stiff	
348				8			
354				15			Drk Brn/Gry Clay
360				26			

Boring stopped at 360", installed M&A-131 at this location.

SOIL LOG



WELL LOG



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DEPTH=DEPTH BELOW GROUND SURFACE
(GRAPHICAL COLUMN SHOWS LOCATION OF SAMPLE)

SOIL TYPES	WELL CONSTRUCTION DETAILS
silt & clay	asphalt
concrete	concrete
gravel	native fill
sand	bentonite
silt	casing
clay	screen
sand & gravel	grout
bedrock	bedrock

GRANULAR SOILS BLOWS/ft.	DENSITY	COHESIVE SOILS BLOWS/ft.	CONSISTENCY
0-4	very LOOSE	<2	very SOFT
4-10	LOOSE	2-4	SOFT
10-30	medium DENSE	4-8	medium STIFF
30-50	DENSE	8-15	STIFF
>50	very DENSE	15-30	very STIFF
		>30	HARD

Notes:

Boring Log/Well Construction Diagram

Mabbett & Associates, Inc.
Environmental Consultants & Engineers

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DATE START/FINISH: 11/15/2006
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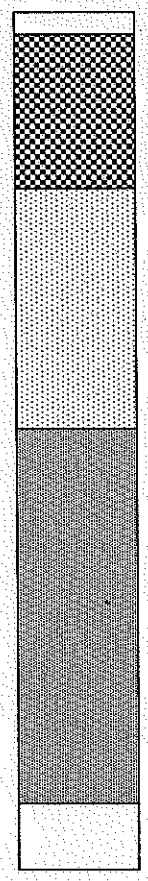
CONTRACTOR: PRECON Drilling FOREMAN: Shawn
GROUNDWATER DEPTH: ~3 feet
LOGGED BY: CLM CHECKED BY: CLM
METHOD: Hollow Stem Auger DATE: 12/22/2006
CASING: NA
DIAMETER: 4 1/4 Augers

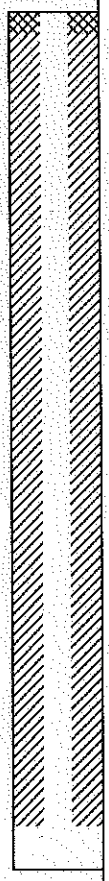
BORING NO.	133
WELL NO.	133
PG. 1 OF 1	

DEPTH (IN)	SAMPLE TYPE & NO.	PEN (IN)	REC (IN)	BLOWS (per 6-in)	HEADSPACE (ppmv)	REMARKS	SOIL DESCRIPTION
0							
6	SS-1	24	8	1	<0.1	SP, loose	F-M Sd, Some F Grvl
12				2			
18				4			
24				4			
30	SS-2	24	12	1	<0.1	SP, loose	F-M Sd, Some F Grvl
36				1			
42				4			
48				4			
54	SS-3	24	18	2	<0.1	SP, loose	Olive Gry M Sd, Some silt
60				4			
66				4			
72				9			
78	SS-4	24	19	2	<0.1	SP, loose	Olive Gry M Sd
84				6			
90				6			
96				7			
102	SS-5	24	12	6	<0.1	CH, v. stiff	Olive Gry M Sd
108				7			
114				7			
120				9			Olive Gry Clay
126	SS-6	24	18	6	<0.1	CH, v. stiff	
132				7			
138				9			Olive Gry Clay
144				9			
150	SS-7	24	17	7	<0.1	CH, v. stiff	
156				9			
162				10			Olive Gry Clay
168				9			
174	SS-8	24	14	6	<0.1	CH, v. stiff	
180				9			
186				4			Olive Gry Clay
192				9			
198	SS-9	24	12	2	<0.1	CH, v. stiff	
204				3			
210				10			Olive Gry Clay
216				14			

SOIL LOG



WELL LOG



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RQD=LENGTH OF SOUND CORES > IN./LENGTH CORED %
DEPTH=DEPTH BELOW GROUND SURFACE
(GRAPHICAL COLUMN SHOWS LOCATION OF SAMPLE)

SOIL TYPES		WELL CONSTRUCTION DETAILS	
silt & clay		asphalt	
concrete		concrete	
gravel		native fill	
sand		bentonite	
silt		casing	
clay		screen	
sand & gravel		grout	
bedrock		bedrock	

Notes:Soil moist at 8-9 FBG. Backfilled boring with cuttings.

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/ft.	DENSITY	BLOWS/ft.	CONSISTENCY
0-4	very LOOSE	<2	very SOFT
4-10	LOOSE	2-4	SOFT
10-30	medium DENSE	4-8	medium STIFF
30-50	DENSE	8-15	STIFF
>50	very DENSE	15-30	very STIFF
		>30	HARD

Boring Log/Well Construction Diagram

Mabbett & Associates, Inc.
Environmental Consultants & Engineers

Five Alfred Circle, Bedford, Massachusetts 01730

Phone:(781) 275-6050 Fax: (781)275-5651

LOCATION: 1975 N Ruby Street
PROJ. NO. 1998002.200
BORING LOCATION: Melrose Park, IL
DATE START/FINISH: 11/15/2006
GROUND ELEVATION (NGVD): NS
CONTRACTOR: PRECON Drilling
FOREMAN: Shawn
GROUNDWATER DEPTH: ~3 feet
LOGGED BY: CLM
CHECKED BY: CLM
METHOD: Hollow Stem Auger
DATE: 12/22/2006
CASING: NA
DIAMETER: 4 1/4 Augers

BORING NO.	133
WELL NO.	133
PG. 1 OF 1	

SAMPLE DEPTH (IN)	TYPE & NO.	PEN (IN)	REC (IN)	BLOWS (per 6-in)	HEADSPACE (ppmv)	REMARKS	SOIL DESCRIPTION
216							
222	SS-10	24	19	3	<0.1	CH, stiff	Brn/Gry Clay
228				10			
234				14			
240				13			
246	SS-11	24	21	3	<0.1	CH, stiff	Brn/Rusty Brn Cly
252				11			
258				17			
264				21			
270	SS-12	24	20	2	<0.1	CH, stiff	Olive Gry Clay
276				3			
282				4			
288				19			
294	SS-13	24	15	3	<0.1	CH, stiff	Olive Gry Clay
300				7			
306				11			
312				21			
318	SS-14	24	19	3	<0.1	CH, stiff	Olive Gry Clay
324				14			
330				15			
336				12			Olive Gry Clay
342	SS-15	24	22	4	<0.1	CH, stiff	
348				7			
354				9			Brn/Gry Clay
360				15			

Boring stopped at 360", installed M&A-133 at this location.

SOIL LOG

WELL LOG

CH = INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
UNC=UNCERTAIN
PEN=PENETRATION LENGTH OF SAMPLER OR CORE BARREL
REC=LENGTH OF SAMPLE RECOVERED
SS=SPLIT SPOON SAMPLE
S=SAMPLE TAKEN OFF AUGER
HEADSPACE = A MINIRAE 2000 10.6 Ev PHOTO-IONIZATION DETECTOR (PID) WAS UTILIZED TO MEASURE VOLATILE ORGANIC VAPORS.
RQD=LENGTH OF SOUND CORES > IN./LENGTH CORED %
DEPTH=DEPTH BELOW GROUND SURFACE
(GRAPHICAL COLUMN SHOWS LOCATION OF SAMPLE)

SOIL TYPES	WELL CONSTRUCTION DETAILS
silt & clay	asphalt
concrete	concrete
gravel	native fill
sand	bentonite
silt	casing
clay	screen
sand & gravel	grout
bedrock	bedrock

Notes:Soil moist at 8-9 FBG. Backfilled boring with cuttings.

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/ft.	DENSITY	BLOWS/ft.	CONSISTENCY
0-4	very LOOSE	<2	very SOFT
4-10	LOOSE	2-4	SOFT
10-30	medium DENSE	4-8	medium STIFF
30-50	DENSE	8-15	STIFF
>50	very DENSE	15-30	very STIFF
		>30	HARD

APPENDIX B

Laboratory Report – December 2006 Groundwater Samples

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

December 29, 2006 5:41:30PM

Client: Mabbett & Associates, Inc. (10615)
5 Alfred Circle
Bedford, MA 01730
Attn: Paul Steinberg

Work Order: NPL2957
Project Name: Bodycote
Project Nbr: 1998002.200
P/O Nbr: WFS
Date Received: 12/20/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Inside-I	NPL2957-01	12/19/06 15:00
Outside-I	NPL2957-02	12/19/06 14:00
TB	NPL2957-03	12/19/06 12:00

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Illinois Certification Number: 001177

RELEASED
9/21/20 – 2020-003646
TJW per CLM

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Estimated uncertainity is available upon request.

This report has been electronically signed.

Report Approved By:

Gail A Lage

Gail A Lage
Program Manager - National Accounts

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client Mabbett & Associates, Inc. (10615)
5 Alfred Circle
Bedford, MA 01730
Attn Paul Steinberg

Work Order: NPL2957
Project Name: Bodycote
Project Number: 1998002.200
Received: 12/20/06 10:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL2957-01 (Inside-I - Ground Water) Sampled: 12/19/06 15:00								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	12/21/06 13:17	SW846 8082	6123742
PCB-1221	ND		ug/L	0.500	1	12/21/06 13:17	SW846 8082	6123742
PCB-1232	ND		ug/L	0.500	1	12/21/06 13:17	SW846 8082	6123742
PCB-1242	ND		ug/L	0.500	1	12/21/06 13:17	SW846 8082	6123742
PCB-1248	ND		ug/L	0.500	1	12/21/06 13:17	SW846 8082	6123742
PCB-1254	ND		ug/L	0.500	1	12/21/06 13:17	SW846 8082	6123742
PCB-1260	ND		ug/L	0.500	1	12/21/06 13:17	SW846 8082	6123742
Surr: Tetrachloro-meta-xylene (44-131%)	*78 %*					*12/21/06 13:17*	*SW846 8082*	*6123742*
Surr: Decachlorobiphenyl (24-110%)	*60 %*					*12/21/06 13:17*	*SW846 8082*	*6123742*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/29/06 07:59	SW846 8260B	6124873
Benzene	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
Bromobenzene	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
Bromochloromethane	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
Bromodichloromethane	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
Bromoform	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
Bromomethane	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
2-Butanone	ND		ug/L	50.0	1	12/29/06 07:59	SW846 8260B	6124873
sec-Butylbenzene	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
n-Butylbenzene	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
tert-Butylbenzene	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
Carbon disulfide	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
Carbon Tetrachloride	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
Chlorobenzene	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
Chlorodibromomethane	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
Chloroethane	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
Chloroform	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
Chloromethane	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
2-Chlorotoluene	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
4-Chlorotoluene	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/29/06 07:59	SW846 8260B	6124873
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
Dibromomethane	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
1,1-Dichloroethane	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
1,2-Dichloroethane	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
1,1-Dichloroethene	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	61[illegible]73
1,3-Dichloropropane	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	61[illegible]73

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client Mabbett & Associates, Inc. (10615)
5 Alfred Circle
Bedford, MA 01730
Attn Paul Steinberg

Work Order: NPL2957
Project Name: Bodycote
Project Number: 1998002.200
Received: 12/20/06 10:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL2957-01 (Inside-I - Ground Water) - cont. Sampled: 12/19/06 15:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloropropane	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
2,2-Dichloropropane	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
1,1-Dichloropropene	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
Ethylbenzene	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
Hexachlorobutadiene	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
2-Hexanone	ND		ug/L	50.0	1	12/29/06 07:59	SW846 8260B	6124873
Isopropylbenzene	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
p-Isopropyltoluene	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
Methylene Chloride	ND		ug/L	5.00	1	12/29/06 07:59	SW846 8260B	6124873
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/29/06 07:59	SW846 8260B	6124873
Naphthalene	ND		ug/L	5.00	1	12/29/06 07:59	SW846 8260B	6124873
n-Propylbenzene	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
Styrene	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
Tetrachloroethene	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
Toluene	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
Trichloroethene	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
Trichlorofluoromethane	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
Vinyl chloride	ND		ug/L	1.00	1	12/29/06 07:59	SW846 8260B	6124873
Xylenes, total	ND		ug/L	3.00	1	12/29/06 07:59	SW846 8260B	6124873
Surr: 1,2-Dichloroethane-d4 (62-142%)	*95 %*					*12/29/06 07:59*	*SW846 8260B*	*6124873*
Surr: Dibromofluoromethane (78-123%)	*100 %*					*12/29/06 07:59*	*SW846 8260B*	*6124873*
Surr: Toluene-d8 (79-120%)	*100 %*					*12/29/06 07:59*	*SW846 8260B*	*6124873*
Surr: 4-Bromofluorobenzene (75-133%)	*98 %*					*12/29/06 07:59*	*SW846 8260B*	*6124873*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NPL2957
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.200
Attn	Paul Steinberg	Received:	12/20/06 10:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL2957-02 (Outside-I - Ground Water) Sampled: 12/19/06 14:00								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	12/21/06 13:38	SW846 8082	6123742
PCB-1221	ND		ug/L	0.500	1	12/21/06 13:38	SW846 8082	6123742
PCB-1232	ND		ug/L	0.500	1	12/21/06 13:38	SW846 8082	6123742
PCB-1242	ND		ug/L	0.500	1	12/21/06 13:38	SW846 8082	6123742
PCB-1248	ND		ug/L	0.500	1	12/21/06 13:38	SW846 8082	6123742
PCB-1254	ND		ug/L	0.500	1	12/21/06 13:38	SW846 8082	6123742
PCB-1260	ND		ug/L	0.500	1	12/21/06 13:38	SW846 8082	6123742
Surr: Tetrachloro-meta-xylene (44-131%)	*81 %*					*12/21/06 13:38*	*SW846 8082*	*6123742*
Surr: Decachlorobiphenyl (24-110%)	*60 %*					*12/21/06 13:38*	*SW846 8082*	*6123742*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/29/06 08:24	SW846 8260B	6124873
Benzene	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
Bromobenzene	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
Bromochloromethane	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
Bromodichloromethane	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
Bromoform	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
Bromomethane	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
2-Butanone	ND		ug/L	50.0	1	12/29/06 08:24	SW846 8260B	6124873
sec-Butylbenzene	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
n-Butylbenzene	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
tert-Butylbenzene	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
Carbon disulfide	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
Carbon Tetrachloride	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
Chlorobenzene	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
Chlorodibromomethane	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
Chloroethane	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
Chloroform	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
Chloromethane	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
2-Chlorotoluene	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
4-Chlorotoluene	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/29/06 08:24	SW846 8260B	6124873
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
Dibromomethane	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
1,1-Dichloroethane	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
1,2-Dichloroethane	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
1,1-Dichloroethene	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	61[illegible]73
1,3-Dichloropropane	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	61[illegible]73

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client: Mabbett & Associates, Inc. (10615)
5 Alfred Circle
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Attn: Paul Steinberg

Work Order: NPL2957
Project Name: Bodycote
Project Number: 1998002.200
Received: 12/20/06 10:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL2957-02 (Outside-I - Ground Water) - cont. Sampled: 12/19/06 14:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloropropane	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
2,2-Dichloropropane	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
1,1-Dichloropropene	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
Ethylbenzene	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
Hexachlorobutadiene	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
2-Hexanone	ND		ug/L	50.0	1	12/29/06 08:24	SW846 8260B	6124873
Isopropylbenzene	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
p-Isopropyltoluene	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
Methylene Chloride	ND		ug/L	5.00	1	12/29/06 08:24	SW846 8260B	6124873
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/29/06 08:24	SW846 8260B	6124873
Naphthalene	ND		ug/L	5.00	1	12/29/06 08:24	SW846 8260B	6124873
n-Propylbenzene	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
Styrene	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
Tetrachloroethene	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
Toluene	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
Trichloroethene	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
Trichlorofluoromethane	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
Vinyl chloride	ND		ug/L	1.00	1	12/29/06 08:24	SW846 8260B	6124873
Xylenes, total	ND		ug/L	3.00	1	12/29/06 08:24	SW846 8260B	6124873
Surr: 1,2-Dichloroethane-d4 (62-142%)	*95 %*					*12/29/06 08:24*	*SW846 8260B*	*6124873*
Surr: Dibromofluoromethane (78-123%)	*104 %*					*12/29/06 08:24*	*SW846 8260B*	*6124873*
Surr: Toluene-d8 (79-120%)	*100 %*					*12/29/06 08:24*	*SW846 8260B*	*6124873*
Surr: 4-Bromofluorobenzene (75-133%)	*99 %*					*12/29/06 08:24*	*SW846 8260B*	*6124873*

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ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client Mabbett & Associates, Inc. (10615)
5 Alfred Circle
Bedford, MA 01730
Attn Paul Steinberg

Work Order: NPL2957
Project Name: Bodycote
Project Number: 1998002.200
Received: 12/20/06 10:15

ANALYTICAL REPORT

Sample ID: NPL2957-03 (TB - Ground Water) Sampled: 12/19/06 12:00

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Acetone	ND		ug/L	50.0	1	12/29/06 02:58	SW846 8260B	6124873
Benzene	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
Bromobenzene	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
Bromochloromethane	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
Bromodichloromethane	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
Bromoform	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
Bromomethane	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
2-Butanone	ND		ug/L	50.0	1	12/29/06 02:58	SW846 8260B	6124873
sec-Butylbenzene	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
n-Butylbenzene	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
tert-Butylbenzene	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
Carbon disulfide	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
Carbon Tetrachloride	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
Chlorobenzene	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
Chlorodibromomethane	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
Chloroethane	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
Chloroform	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
Chloromethane	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
2-Chlorotoluene	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
4-Chlorotoluene	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/29/06 02:58	SW846 8260B	6124873
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
Dibromomethane	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
1,1-Dichloroethane	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
1,2-Dichloroethane	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
1,1-Dichloroethene	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
1,3-Dichloropropane	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
1,2-Dichloropropane	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
2,2-Dichloropropane	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
1,1-Dichloropropene	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
Ethylbenzene	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
Hexachlorobutadiene	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
2-Hexanone	ND		ug/L	50.0	1	12/29/06 02:58	SW846 8260B	6124873
Isopropylbenzene	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
p-Isopropyltoluene	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873

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ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NPL2957
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.200
Attn	Paul Steinberg	Received:	12/20/06 10:15

ANALYTICAL REPORT

Sample ID: NPL2957-03 (TB - Ground Water) - cont. Sampled: 12/19/06 12:00

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
Methylene Chloride	ND		ug/L	5.00	1	12/29/06 02:58	SW846 8260B	6124873
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/29/06 02:58	SW846 8260B	6124873
Naphthalene	ND		ug/L	5.00	1	12/29/06 02:58	SW846 8260B	6124873
n-Propylbenzene	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
Styrene	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
Tetrachloroethene	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
Toluene	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
Trichloroethene	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
Trichlorofluoromethane	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
Vinyl chloride	ND		ug/L	1.00	1	12/29/06 02:58	SW846 8260B	6124873
Xylenes, total	ND		ug/L	3.00	1	12/29/06 02:58	SW846 8260B	6124873
Surr: 1,2-Dichloroethane-d4 (62-142%)	*91 %*					*12/29/06 02:58*	*SW846 8260B*	*6124873*
Surr: Dibromofluoromethane (78-123%)	*99 %*					*12/29/06 02:58*	*SW846 8260B*	*6124873*
Surr: Toluene-d8 (79-120%)	*100 %*					*12/29/06 02:58*	*SW846 8260B*	*6124873*
Surr: 4-Bromofluorobenzene (75-133%)	*99 %*					*12/29/06 02:58*	*SW846 8260B*	*6124873*

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ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NPL2957
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.200
Attn	Paul Steinberg	Received:	12/20/06 10:15

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Polychlorinated Biphenyls by EPA Method 8082							
SW846 8082	6123742	NPL2957-01	500.00	2.00	12/21/06 06:40	DHB	EPA 3510C
SW846 8082	6123742	NPL2957-02	500.00	2.00	12/21/06 06:40	DHB	EPA 3510C

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Client:	Mabbett & Associates, Inc. (10615)	Work Order:	NPL2957
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.200
Attn	Paul Steinberg	Received:	12/20/06 10:15

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Polychlorinated Biphenyls by EPA Method 8082						
6123742-BLK1						
PCB-1016	<0.190		ug/L	6123742	6123742-BLK1	12/21/06 10:55
PCB-1221	<0.270		ug/L	6123742	6123742-BLK1	12/21/06 10:55
PCB-1232	<0.110		ug/L	6123742	6123742-BLK1	12/21/06 10:55
PCB-1242	<0.180		ug/L	6123742	6123742-BLK1	12/21/06 10:55
PCB-1248	<0.0900		ug/L	6123742	6123742-BLK1	12/21/06 10:55
PCB-1254	<0.100		ug/L	6123742	6123742-BLK1	12/21/06 10:55
PCB-1260	<0.0900		ug/L	6123742	6123742-BLK1	12/21/06 10:55
Surrogate: Tetrachloro-meta-xylene	65%			6123742	6123742-BLK1	12/21/06 10:55
Surrogate: Decachlorobiphenyl	46%			6123742	6123742-BLK1	12/21/06 10:55
Volatile Organic Compounds by EPA Method 8260B						
6124873-BLK1						
Acetone	<7.41		ug/L	6124873	6124873-BLK1	12/29/06 02:33
Benzene	<0.330		ug/L	6124873	6124873-BLK1	12/29/06 02:33
Bromobenzene	<0.450		ug/L	6124873	6124873-BLK1	12/29/06 02:33
Bromochloromethane	<0.700		ug/L	6124873	6124873-BLK1	12/29/06 02:33
Bromodichloromethane	<0.390		ug/L	6124873	6124873-BLK1	12/29/06 02:33
Bromoform	<0.540		ug/L	6124873	6124873-BLK1	12/29/06 02:33
Bromomethane	<0.420		ug/L	6124873	6124873-BLK1	12/29/06 02:33
2-Butanone	<3.06		ug/L	6124873	6124873-BLK1	12/29/06 02:33
sec-Butylbenzene	<0.260		ug/L	6124873	6124873-BLK1	12/29/06 02:33
n-Butylbenzene	<0.780		ug/L	6124873	6124873-BLK1	12/29/06 02:33
tert-Butylbenzene	<0.400		ug/L	6124873	6124873-BLK1	12/29/06 02:33
Carbon disulfide	<0.230		ug/L	6124873	6124873-BLK1	12/29/06 02:33
Carbon Tetrachloride	<0.410		ug/L	6124873	6124873-BLK1	12/29/06 02:33
Chlorobenzene	<0.340		ug/L	6124873	6124873-BLK1	12/29/06 02:33
Chlorodibromomethane	<0.480		ug/L	6124873	6124873-BLK1	12/29/06 02:33
Chloroethane	<0.350		ug/L	6124873	6124873-BLK1	12/29/06 02:33
Chloroform	<0.510		ug/L	6124873	6124873-BLK1	12/29/06 02:33
Chloromethane	<0.310		ug/L	6124873	6124873-BLK1	12/29/06 02:33
2-Chlorotoluene	<0.210		ug/L	6124873	6124873-BLK1	12/29/06 02:33
4-Chlorotoluene	<0.410		ug/L	6124873	6124873-BLK1	12/29/06 02:33
1,2-Dibromo-3-chloropropane	<1.01		ug/L	6124873	6124873-BLK1	12/29/06 02:33
1,2-Dibromoethane (EDB)	<0.320		ug/L	6124873	6124873-BLK1	12/29/06 02:33
Dibromomethane	<0.430		ug/L	6124873	6124873-BLK1	12/29/06 02:33
1,4-Dichlorobenzene	<0.360		ug/L	6124873	6124873-BLK1	12/29/06 02:33
1,3-Dichlorobenzene	<0.410		ug/L	6124873	6124873-BLK1	12/29/06 02:33
1,2-Dichlorobenzene	<0.440		ug/L	6124873	6124873-BLK1	12/29/06 02:33
Dichlorodifluoromethane	<0.290		ug/L	6124873	6124873-BLK1	12/29/06 02:33
1,1-Dichloroethane	<0.600		ug/L	6124873	6124873-BLK1	12/29/06 02:33
1,2-Dichloroethane	<0.460		ug/L	6124873	6124873-BLK1	12/29/06 02:33

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ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NPL2957
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.200
Attn	Paul Steinberg	Received:	12/20/06 10:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6124873-BLK1						
cis-1,2-Dichloroethene	<0.540		ug/L	6124873	6124873-BLK1	12/29/06 02:33
1,1-Dichloroethene	<0.270		ug/L	6124873	6124873-BLK1	12/29/06 02:33
trans-1,2-Dichloroethene	<0.200		ug/L	6124873	6124873-BLK1	12/29/06 02:33
1,3-Dichloropropane	<0.480		ug/L	6124873	6124873-BLK1	12/29/06 02:33
1,2-Dichloropropane	<0.370		ug/L	6124873	6124873-BLK1	12/29/06 02:33
2,2-Dichloropropane	<0.370		ug/L	6124873	6124873-BLK1	12/29/06 02:33
cis-1,3-Dichloropropene	<0.330		ug/L	6124873	6124873-BLK1	12/29/06 02:33
trans-1,3-Dichloropropene	<0.310		ug/L	6124873	6124873-BLK1	12/29/06 02:33
1,1-Dichloropropene	<0.280		ug/L	6124873	6124873-BLK1	12/29/06 02:33
Ethylbenzene	<0.420		ug/L	6124873	6124873-BLK1	12/29/06 02:33
Hexachlorobutadiene	<0.660		ug/L	6124873	6124873-BLK1	12/29/06 02:33
2-Hexanone	<2.19		ug/L	6124873	6124873-BLK1	12/29/06 02:33
Isopropylbenzene	<0.410		ug/L	6124873	6124873-BLK1	12/29/06 02:33
p-Isopropyltoluene	<0.320		ug/L	6124873	6124873-BLK1	12/29/06 02:33
Methyl tert-Butyl Ether	<0.310		ug/L	6124873	6124873-BLK1	12/29/06 02:33
Methylene Chloride	<2.10		ug/L	6124873	6124873-BLK1	12/29/06 02:33
4-Methyl-2-pentanone	<4.15		ug/L	6124873	6124873-BLK1	12/29/06 02:33
Naphthalene	<0.650		ug/L	6124873	6124873-BLK1	12/29/06 02:33
n-Propylbenzene	<0.350		ug/L	6124873	6124873-BLK1	12/29/06 02:33
Styrene	<0.390		ug/L	6124873	6124873-BLK1	12/29/06 02:33
1,1,1,2-Tetrachloroethane	<0.470		ug/L	6124873	6124873-BLK1	12/29/06 02:33
1,1,2,2-Tetrachloroethane	<0.270		ug/L	6124873	6124873-BLK1	12/29/06 02:33
Tetrachloroethene	<0.320		ug/L	6124873	6124873-BLK1	12/29/06 02:33
Toluene	<0.420		ug/L	6124873	6124873-BLK1	12/29/06 02:33
1,2,3-Trichlorobenzene	<0.620		ug/L	6124873	6124873-BLK1	12/29/06 02:33
1,2,4-Trichlorobenzene	<0.620		ug/L	6124873	6124873-BLK1	12/29/06 02:33
1,1,2-Trichloroethane	<0.570		ug/L	6124873	6124873-BLK1	12/29/06 02:33
1,1,1-Trichloroethane	<0.350		ug/L	6124873	6124873-BLK1	12/29/06 02:33
Trichloroethene	<0.510		ug/L	6124873	6124873-BLK1	12/29/06 02:33
Trichlorofluoromethane	<0.400		ug/L	6124873	6124873-BLK1	12/29/06 02:33
1,2,3-Trichloropropane	<0.520		ug/L	6124873	6124873-BLK1	12/29/06 02:33
1,3,5-Trimethylbenzene	<0.240		ug/L	6124873	6124873-BLK1	12/29/06 02:33
1,2,4-Trimethylbenzene	<0.350		ug/L	6124873	6124873-BLK1	12/29/06 02:33
Vinyl chloride	<0.260		ug/L	6124873	6124873-BLK1	12/29/06 02:33
Xylenes, total	<0.450		ug/L	6124873	6124873-BLK1	12/29/06 02:33
Surrogate: 1,2-Dichloroethane-d4	93%			6124873	6124873-BLK1	12/29/06 02:33
Surrogate: Dibromofluoromethane	100%			6124873	6124873-BLK1	12/29/06 02:33
Surrogate: Toluene-d8	100%			6124873	6124873-BLK1	12/29/06 02:33
Surrogate: 4-Bromofluorobenzene	99%			6124873	6124873-BLK1	12/29/06 02:33

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ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client Mabbett & Associates, Inc. (10615)
5 Alfred Circle
Bedford, MA 01730
Attn Paul Steinberg

Work Order: NPL2957
Project Name: Bodycote
Project Number: 1998002.200
Received: 12/20/06 10:15

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Polychlorinated Biphenyls by EPA Method 8082								
6123742-BS1								
PCB-1016	10.0	8.29		ug/L	83%	64 - 124	6123742	12/21/06 19:17
PCB-1260	10.0	8.58		ug/L	86%	50 - 131	6123742	12/21/06 19:17
Surrogate: Tetrachloro-meta-xylene	1.00	0.918			92%	44 - 131	6123742	12/21/06 19:17
Surrogate: Decachlorobiphenyl	1.00	0.760			76%	24 - 110	6123742	12/21/06 19:17
Volatile Organic Compounds by EPA Method 8260B								
6124873-BS1								
Acetone	250	227		ug/L	91%	63 - 147	6124873	12/29/06 01:17
Benzene	50.0	52.9		ug/L	106%	78 - 125	6124873	12/29/06 01:17
Bromobenzene	50.0	46.8		ug/L	94%	71 - 142	6124873	12/29/06 01:17
Bromochloromethane	50.0	49.6		ug/L	99%	76 - 129	6124873	12/29/06 01:17
Bromodichloromethane	50.0	51.0		ug/L	102%	71 - 134	6124873	12/29/06 01:17
Bromoform	50.0	38.4		ug/L	77%	49 - 129	6124873	12/29/06 01:17
Bromomethane	50.0	42.1		ug/L	84%	42 - 154	6124873	12/29/06 01:17
2-Butanone	250	227		ug/L	91%	74 - 130	6124873	12/29/06 01:17
sec-Butylbenzene	50.0	57.0		ug/L	114%	78 - 129	6124873	12/29/06 01:17
n-Butylbenzene	50.0	59.9		ug/L	120%	68 - 138	6124873	12/29/06 01:17
tert-Butylbenzene	50.0	51.8		ug/L	104%	79 - 128	6124873	12/29/06 01:17
Carbon disulfide	50.0	55.4		ug/L	111%	65 - 122	6124873	12/29/06 01:17
Carbon Tetrachloride	50.0	54.8		ug/L	110%	62 - 142	6124873	12/29/06 01:17
Chlorobenzene	50.0	51.0		ug/L	102%	82 - 125	6124873	12/29/06 01:17
Chlorodibromomethane	50.0	49.9		ug/L	100%	67 - 135	6124873	12/29/06 01:17
Chloroethane	50.0	52.3		ug/L	105%	57 - 138	6124873	12/29/06 01:17
Chloroform	50.0	52.0		ug/L	104%	75 - 122	6124873	12/29/06 01:17
Chloromethane	50.0	33.8		ug/L	68%	31 - 147	6124873	12/29/06 01:17
2-Chlorotoluene	50.0	49.8		ug/L	100%	74 - 135	6124873	12/29/06 01:17
4-Chlorotoluene	50.0	51.1		ug/L	102%	74 - 133	6124873	12/29/06 01:17
1,2-Dibromo-3-chloropropane	50.0	36.1		ug/L	72%	45 - 140	6124873	12/29/06 01:17
1,2-Dibromoethane (EDB)	50.0	49.8		ug/L	100%	80 - 132	6124873	12/29/06 01:17
Dibromomethane	50.0	50.5		ug/L	101%	69 - 132	6124873	12/29/06 01:17
1,4-Dichlorobenzene	50.0	52.1		ug/L	104%	79 - 125	6124873	12/29/06 01:17
1,3-Dichlorobenzene	50.0	51.9		ug/L	104%	77 - 132	6124873	12/29/06 01:17
1,2-Dichlorobenzene	50.0	51.8		ug/L	104%	82 - 133	6124873	12/29/06 01:17
Dichlorodifluoromethane	50.0	29.0		ug/L	58%	34 - 120	6124873	12/29/06 01:17
1,1-Dichloroethane	50.0	51.8		ug/L	104%	79 - 120	6124873	12/29/06 01:17
1,2-Dichloroethane	50.0	46.5		ug/L	93%	64 - 134	6124873	12/29/06 01:17
cis-1,2-Dichloroethene	50.0	51.8		ug/L	104%	71 - 126	6124873	12/29/06 01:17
1,1-Dichloroethene	50.0	49.2		ug/L	98%	71 - 123	6124873	12/29/06 01:17
trans-1,2-Dichloroethene	50.0	52.5		ug/L	105%	74 - 127	6124873	12/29/06 01:17
1,3-Dichloropropane	50.0	50.4		ug/L	101%	80 - 128	6124873	12/29/06 01:17
1,2-Dichloropropane	50.0	52.0		ug/L	104%	73 - 120	6124873	12/29/06 01:17

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NPL2957
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.200
Attn	Paul Steinberg	Received:	12/20/06 10:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6124873-BS1								
2,2-Dichloropropane	50.0	48.0		ug/L	96%	25 - 156	6124873	12/29/06 01:17
cis-1,3-Dichloropropene	50.0	50.0		ug/L	100%	70 - 135	6124873	12/29/06 01:17
trans-1,3-Dichloropropene	50.0	47.8		ug/L	96%	61 - 124	6124873	12/29/06 01:17
1,1-Dichloropropene	50.0	50.3		ug/L	101%	79 - 138	6124873	12/29/06 01:17
Ethylbenzene	50.0	50.8		ug/L	102%	73 - 134	6124873	12/29/06 01:17
Hexachlorobutadiene	50.0	51.9		ug/L	104%	58 - 145	6124873	12/29/06 01:17
2-Hexanone	250	230		ug/L	92%	72 - 136	6124873	12/29/06 01:17
Isopropylbenzene	50.0	51.9		ug/L	104%	74 - 121	6124873	12/29/06 01:17
p-Isopropyltoluene	50.0	56.1		ug/L	112%	70 - 133	6124873	12/29/06 01:17
Methyl tert-Butyl Ether	50.0	42.7		ug/L	85%	69 - 122	6124873	12/29/06 01:17
Methylene Chloride	50.0	51.7		ug/L	103%	75 - 127	6124873	12/29/06 01:17
4-Methyl-2-pentanone	250	229		ug/L	92%	77 - 132	6124873	12/29/06 01:17
Naphthalene	50.0	40.1		ug/L	80%	65 - 145	6124873	12/29/06 01:17
n-Propylbenzene	50.0	52.5		ug/L	105%	76 - 133	6124873	12/29/06 01:17
Styrene	50.0	51.7		ug/L	103%	80 - 145	6124873	12/29/06 01:17
1,1,1,2-Tetrachloroethane	50.0	48.8		ug/L	98%	72 - 136	6124873	12/29/06 01:17
1,1,2,2-Tetrachloroethane	50.0	46.9		ug/L	94%	71 - 137	6124873	12/29/06 01:17
Tetrachloroethene	50.0	52.0		ug/L	104%	70 - 131	6124873	12/29/06 01:17
Toluene	50.0	51.4		ug/L	103%	78 - 122	6124873	12/29/06 01:17
1,2,3-Trichlorobenzene	50.0	43.6		ug/L	87%	60 - 144	6124873	12/29/06 01:17
1,2,4-Trichlorobenzene	50.0	44.8		ug/L	90%	63 - 140	6124873	12/29/06 01:17
1,1,2-Trichloroethane	50.0	48.7		ug/L	97%	81 - 127	6124873	12/29/06 01:17
1,1,1-Trichloroethane	50.0	47.8		ug/L	96%	69 - 128	6124873	12/29/06 01:17
Trichloroethene	50.0	51.9		ug/L	104%	73 - 133	6124873	12/29/06 01:17
Trichlorofluoromethane	50.0	44.6		ug/L	89%	49 - 139	6124873	12/29/06 01:17
1,2,3-Trichloropropane	50.0	48.8		ug/L	98%	52 - 151	6124873	12/29/06 01:17
1,3,5-Trimethylbenzene	50.0	51.5		ug/L	103%	72 - 136	6124873	12/29/06 01:17
1,2,4-Trimethylbenzene	50.0	50.4		ug/L	101%	73 - 134	6124873	12/29/06 01:17
Vinyl chloride	50.0	52.4		ug/L	105%	54 - 137	6124873	12/29/06 01:17
Xylenes, total	150	153		ug/L	102%	79 - 130	6124873	12/29/06 01:17
Surrogate: 1,2-Dichloroethane-d4	50.0	43.3			87%	62 - 142	6124873	12/29/06 01:17
Surrogate: Dibromofluoromethane	50.0	48.8			98%	78 - 123	6124873	12/29/06 01:17
Surrogate: Toluene-d8	50.0	48.1			96%	79 - 120	6124873	12/29/06 01:17
Surrogate: 4-Bromofluorobenzene	50.0	45.3			91%	75 - 133	6124873	12/29/06 01:17

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client: Mabbett & Associates, Inc. (10615)
5 Alfred Circle
Bedford, MA 01730
Attn: Paul Steinberg

Work Order: NPL2957
Project Name: Bodycote
Project Number: 1998002.200
Received: 12/20/06 10:15

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6124873-MS1										
Acetone	ND	178		ug/L	250	71%	56 - 147	6124873	NPL2969-10	12/29/06 11:21
Benzene	ND	43.4		ug/L	50.0	87%	74 - 130	6124873	NPL2969-10	12/29/06 11:21
Bromobenzene	ND	35.0	M8	ug/L	50.0	70%	71 - 142	6124873	NPL2969-10	12/29/06 11:21
Bromochloromethane	ND	38.9		ug/L	50.0	78%	71 - 137	6124873	NPL2969-10	12/29/06 11:21
Bromodichloromethane	ND	40.8		ug/L	50.0	82%	66 - 145	6124873	NPL2969-10	12/29/06 11:21
Bromoform	ND	28.0		ug/L	50.0	56%	41 - 129	6124873	NPL2969-10	12/29/06 11:21
Bromomethane	ND	25.8		ug/L	50.0	52%	21 - 173	6124873	NPL2969-10	12/29/06 11:21
2-Butanone	ND	176		ug/L	250	70%	62 - 142	6124873	NPL2969-10	12/29/06 11:21
sec-Butylbenzene	ND	46.0		ug/L	50.0	92%	62 - 146	6124873	NPL2969-10	12/29/06 11:21
n-Butylbenzene	ND	50.8		ug/L	50.0	102%	58 - 150	6124873	NPL2969-10	12/29/06 11:21
tert-Butylbenzene	ND	39.2		ug/L	50.0	78%	68 - 143	6124873	NPL2969-10	12/29/06 11:21
Carbon disulfide	ND	46.7		ug/L	50.0	93%	38 - 149	6124873	NPL2969-10	12/29/06 11:21
Carbon Tetrachloride	ND	47.8		ug/L	50.0	96%	60 - 153	6124873	NPL2969-10	12/29/06 11:21
Chlorobenzene	ND	41.7		ug/L	50.0	83%	78 - 131	6124873	NPL2969-10	12/29/06 11:21
Chlorodibromomethane	ND	36.7		ug/L	50.0	73%	59 - 137	6124873	NPL2969-10	12/29/06 11:21
Chloroethane	ND	43.2		ug/L	50.0	86%	57 - 150	6124873	NPL2969-10	12/29/06 11:21
Chloroform	ND	43.6		ug/L	50.0	87%	69 - 135	6124873	NPL2969-10	12/29/06 11:21
Chloromethane	ND	19.6		ug/L	50.0	39%	22 - 154	6124873	NPL2969-10	12/29/06 11:21
2-Chlorotoluene	ND	39.0		ug/L	50.0	78%	78 - 138	6124873	NPL2969-10	12/29/06 11:21
4-Chlorotoluene	ND	40.9		ug/L	50.0	82%	73 - 139	6124873	NPL2969-10	12/29/06 11:21
1,2-Dibromo-3-chloropropane	ND	23.0		ug/L	50.0	46%	43 - 140	6124873	NPL2969-10	12/29/06 11:21
1,2-Dibromoethane (EDB)	ND	37.9	M8	ug/L	50.0	76%	79 - 132	6124873	NPL2969-10	12/29/06 11:21
Dibromomethane	ND	40.2		ug/L	50.0	80%	66 - 137	6124873	NPL2969-10	12/29/06 11:21
1,4-Dichlorobenzene	ND	41.4		ug/L	50.0	83%	72 - 130	6124873	NPL2969-10	12/29/06 11:21
1,3-Dichlorobenzene	ND	40.3		ug/L	50.0	81%	75 - 134	6124873	NPL2969-10	12/29/06 11:21
1,2-Dichlorobenzene	ND	39.6	M8	ug/L	50.0	79%	80 - 133	6124873	NPL2969-10	12/29/06 11:21
Dichlorodifluoromethane	ND	12.3		ug/L	50.0	25%	19 - 126	6124873	NPL2969-10	12/29/06 11:21
1,1-Dichloroethane	ND	43.3		ug/L	50.0	87%	74 - 133	6124873	NPL2969-10	12/29/06 11:21
1,2-Dichloroethane	ND	37.9		ug/L	50.0	76%	55 - 148	6124873	NPL2969-10	12/29/06 11:21
cis-1,2-Dichloroethene	ND	43.0		ug/L	50.0	86%	69 - 135	6124873	NPL2969-10	12/29/06 11:21
1,1-Dichloroethene	ND	41.7		ug/L	50.0	83%	66 - 140	6124873	NPL2969-10	12/29/06 11:21
trans-1,2-Dichloroethene	ND	43.8		ug/L	50.0	88%	68 - 142	6124873	NPL2969-10	12/29/06 11:21
1,3-Dichloropropane	ND	39.4		ug/L	50.0	79%	78 - 128	6124873	NPL2969-10	12/29/06 11:21
1,2-Dichloropropane	ND	42.2		ug/L	50.0	84%	73 - 128	6124873	NPL2969-10	12/29/06 11:21
2,2-Dichloropropane	ND	44.1		ug/L	50.0	88%	25 - 156	6124873	NPL2969-10	12/29/06 11:21
cis-1,3-Dichloropropene	ND	38.6		ug/L	50.0	77%	62 - 135	6124873	NPL2969-10	12/29/06 11:21
trans-1,3-Dichloropropene	ND	36.5		ug/L	50.0	73%	54 - 124	6124873	NPL2969-10	12/29/06 11:21

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ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client Mabbett & Associates, Inc. (10615)
5 Alfred Circle
Bedford, MA 01730
Attn Paul Steinberg

Work Order: NPL2957
Project Name: Bodycote
Project Number: 1998002.200
Received: 12/20/06 10:15

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6124873-MS1										
1,1-Dichloropropene	ND	43.2		ug/L	50.0	86%	72 - 138	6124873	NPL2969-10	12/29/06 11:21
Ethylbenzene	ND	41.1		ug/L	50.0	82%	70 - 143	6124873	NPL2969-10	12/29/06 11:21
Hexachlorobutadiene	ND	43.5		ug/L	50.0	87%	41 - 156	6124873	NPL2969-10	12/29/06 11:21
2-Hexanone	ND	171		ug/L	250	68%	67 - 142	6124873	NPL2969-10	12/29/06 11:21
Isopropylbenzene	ND	42.8		ug/L	50.0	86%	63 - 143	6124873	NPL2969-10	12/29/06 11:21
p-Isopropyltoluene	ND	45.0		ug/L	50.0	90%	52 - 156	6124873	NPL2969-10	12/29/06 11:21
Methyl tert-Butyl Ether	ND	31.7		ug/L	50.0	63%	62 - 135	6124873	NPL2969-10	12/29/06 11:21
Methylene Chloride	ND	41.9		ug/L	50.0	84%	71 - 130	6124873	NPL2969-10	12/29/06 11:21
4-Methyl-2-pentanone	ND	172	M8	ug/L	250	69%	74 - 139	6124873	NPL2969-10	12/29/06 11:21
Naphthalene	ND	28.1		ug/L	50.0	56%	40 - 161	6124873	NPL2969-10	12/29/06 11:21
n-Propylbenzene	ND	41.6		ug/L	50.0	83%	67 - 146	6124873	NPL2969-10	12/29/06 11:21
Styrene	ND	41.5		ug/L	50.0	83%	39 - 162	6124873	NPL2969-10	12/29/06 11:21
1,1,1,2-Tetrachloroethane	ND	38.7		ug/L	50.0	77%	72 - 139	6124873	NPL2969-10	12/29/06 11:21
1,1,2,2-Tetrachloroethane	ND	36.3		ug/L	50.0	73%	71 - 139	6124873	NPL2969-10	12/29/06 11:21
Tetrachloroethene	ND	43.6		ug/L	50.0	87%	64 - 143	6124873	NPL2969-10	12/29/06 11:21
Toluene	ND	42.6		ug/L	50.0	85%	70 - 137	6124873	NPL2969-10	12/29/06 11:21
1,2,3-Trichlorobenzene	ND	32.8		ug/L	50.0	66%	45 - 150	6124873	NPL2969-10	12/29/06 11:21
1,2,4-Trichlorobenzene	ND	34.6		ug/L	50.0	69%	51 - 144	6124873	NPL2969-10	12/29/06 11:21
1,1,2-Trichloroethane	ND	38.5		ug/L	50.0	77%	76 - 132	6124873	NPL2969-10	12/29/06 11:21
1,1,1-Trichloroethane	ND	40.7		ug/L	50.0	81%	65 - 143	6124873	NPL2969-10	12/29/06 11:21
Trichloroethene	ND	41.3		ug/L	50.0	83%	70 - 137	6124873	NPL2969-10	12/29/06 11:21
Trichlorofluoromethane	ND	41.1		ug/L	50.0	82%	49 - 159	6124873	NPL2969-10	12/29/06 11:21
1,2,3-Trichloropropane	ND	35.3		ug/L	50.0	71%	63 - 135	6124873	NPL2969-10	12/29/06 11:21
1,3,5-Trimethylbenzene	ND	41.2		ug/L	50.0	82%	36 - 162	6124873	NPL2969-10	12/29/06 11:21
1,2,4-Trimethylbenzene	ND	39.2		ug/L	50.0	78%	49 - 152	6124873	NPL2969-10	12/29/06 11:21
Vinyl chloride	ND	36.5		ug/L	50.0	73%	49 - 148	6124873	NPL2969-10	12/29/06 11:21
Xylenes, total	ND	127		ug/L	150	85%	62 - 147	6124873	NPL2969-10	12/29/06 11:21
Surrogate: 1,2-Dichloroethane-d4		45.3		ug/L	50.0	91%	62 - 142	6124873	NPL2969-10	12/29/06 11:21
Surrogate: Dibromofluoromethane		50.2		ug/L	50.0	100%	78 - 123	6124873	NPL2969-10	12/29/06 11:21
Surrogate: Toluene-d8		48.4		ug/L	50.0	97%	79 - 120	6124873	NPL2969-10	12/29/06 11:21
Surrogate: 4-Bromofluorobenzene		42.2		ug/L	50.0	84%	75 - 133	6124873	NPL2969-10	12/29/06 11:21

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client: Mabbett & Associates, Inc. (10615)
5 Alfred Circle
Bedford, MA 01730
Attn: Paul Steinberg

Work Order: NPL2957
Project Name: Bodycote
Project Number: 1998002.200
Received: 12/20/06 10:15

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6124873-MSD1												
Acetone	ND	227	R2	ug/L	250	91%	56 - 147	24	22	6124873	NPL2969-10	12/29/06 11:47
Benzene	ND	51.2	R2	ug/L	50.0	102%	74 - 130	16	15	6124873	NPL2969-10	12/29/06 11:47
Bromobenzene	ND	42.0	R2	ug/L	50.0	84%	71 - 142	18	17	6124873	NPL2969-10	12/29/06 11:47
Bromochloromethane	ND	44.9		ug/L	50.0	90%	71 - 137	14	15	6124873	NPL2969-10	12/29/06 11:47
Bromodichloromethane	ND	48.7	R2	ug/L	50.0	97%	66 - 145	18	17	6124873	NPL2969-10	12/29/06 11:47
Bromoform	ND	34.3	R2	ug/L	50.0	69%	41 - 129	20	19	6124873	NPL2969-10	12/29/06 11:47
Bromomethane	ND	37.9		ug/L	50.0	76%	21 - 173	38	41	6124873	NPL2969-10	12/29/06 11:47
2-Butanone	ND	219	R2	ug/L	250	88%	62 - 142	22	17	6124873	NPL2969-10	12/29/06 11:47
sec-Butylbenzene	ND	55.5		ug/L	50.0	111%	62 - 146	19	21	6124873	NPL2969-10	12/29/06 11:47
n-Butylbenzene	ND	60.4		ug/L	50.0	121%	58 - 150	17	23	6124873	NPL2969-10	12/29/06 11:47
tert-Butylbenzene	ND	47.7		ug/L	50.0	95%	68 - 143	20	20	6124873	NPL2969-10	12/29/06 11:47
Carbon disulfide	ND	55.2		ug/L	50.0	110%	38 - 149	17	50	6124873	NPL2969-10	12/29/06 11:47
Carbon Tetrachloride	ND	56.2		ug/L	50.0	112%	60 - 153	16	18	6124873	NPL2969-10	12/29/06 11:47
Chlorobenzene	ND	48.0		ug/L	50.0	96%	78 - 131	14	15	6124873	NPL2969-10	12/29/06 11:47
Chlorodibromomethane	ND	44.2	R2	ug/L	50.0	88%	59 - 137	19	18	6124873	NPL2969-10	12/29/06 11:47
Chloroethane	ND	52.0		ug/L	50.0	104%	57 - 150	18	36	6124873	NPL2969-10	12/29/06 11:47
Chloroform	ND	50.8		ug/L	50.0	102%	69 - 135	15	16	6124873	NPL2969-10	12/29/06 11:47
Chloromethane	ND	24.0		ug/L	50.0	48%	22 - 154	20	46	6124873	NPL2969-10	12/29/06 11:47
2-Chlorotoluene	ND	46.3		ug/L	50.0	93%	78 - 138	17	17	6124873	NPL2969-10	12/29/06 11:47
4-Chlorotoluene	ND	49.0	R2	ug/L	50.0	98%	73 - 139	18	16	6124873	NPL2969-10	12/29/06 11:47
1,2-Dibromo-3-chloropropane	ND	30.9	R2	ug/L	50.0	62%	43 - 140	29	20	6124873	NPL2969-10	12/29/06 11:47
1,2-Dibromoethane (EDB)	ND	44.5		ug/L	50.0	89%	79 - 132	16	16	6124873	NPL2969-10	12/29/06 11:47
Dibromomethane	ND	47.8	R2	ug/L	50.0	96%	66 - 137	17	16	6124873	NPL2969-10	12/29/06 11:47
1,4-Dichlorobenzene	ND	49.2	R2	ug/L	50.0	98%	72 - 130	17	16	6124873	NPL2969-10	12/29/06 11:47
1,3-Dichlorobenzene	ND	48.6	R2	ug/L	50.0	97%	75 - 134	19	17	6124873	NPL2969-10	12/29/06 11:47
1,2-Dichlorobenzene	ND	47.7	R2	ug/L	50.0	95%	80 - 133	19	16	6124873	NPL2969-10	12/29/06 11:47
Dichlorodifluoromethane	ND	14.3		ug/L	50.0	29%	19 - 126	15	21	6124873	NPL2969-10	12/29/06 11:47
1,1-Dichloroethane	ND	51.1		ug/L	50.0	102%	74 - 133	17	17	6124873	NPL2969-10	12/29/06 11:47
1,2-Dichloroethane	ND	45.3		ug/L	50.0	91%	55 - 148	18	19	6124873	NPL2969-10	12/29/06 11:47
cis-1,2-Dichloroethene	ND	51.0	R2	ug/L	50.0	102%	69 - 135	17	16	6124873	NPL2969-10	12/29/06 11:47
1,1-Dichloroethene	ND	49.6		ug/L	50.0	99%	66 - 140	17	34	6124873	NPL2969-10	12/29/06 11:47
trans-1,2-Dichloroethene	ND	52.4		ug/L	50.0	105%	68 - 142	18	21	6124873	NPL2969-10	12/29/06 11:47
1,3-Dichloropropane	ND	45.7		ug/L	50.0	91%	78 - 128	15	16	6124873	NPL2969-10	12/29/06 11:47
1,2-Dichloropropane	ND	50.0	R2	ug/L	50.0	100%	73 - 128	17	15	6124873	NPL2969-10	12/29/06 11:47
2,2-Dichloropropane	ND	53.4	R2	ug/L	50.0	107%	25 - 156	19	16	6124873	NPL2969-10	12/29/06 11:47
cis-1,3-Dichloropropene	ND	45.2		ug/L	50.0	90%	62 - 135	16	19	6124873	NPL2969-10	12/29/06 11:47
trans-1,3-Dichloropropene	ND	43.2		ug/L	50.0	86%	54 - 124	17	19	6124873	NPL2969-10	12/29/06 11:47
1,1-Dichloropropene	ND	50.6		ug/L	50.0	101%	72 - 138	16	17	6124873	NPL2969-10	12/29/06 11:47
Ethylbenzene	ND	48.2	R2	ug/L	50.0	96%	70 - 143	16	15	6124873	NPL2969-10	12/29/06 11:47
Hexachlorobutadiene	ND	47.9		ug/L	50.0	96%	41 - 156	10	35	6124873	NPL2969-10	12/29/06 11:47
2-Hexanone	ND	212	R2	ug/L	250	85%	67 - 142	21	18	6124873	NPL2969-10	12/29/06 11:47

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client Mabbett & Associates, Inc. (10615)
5 Alfred Circle
Bedford, MA 01730
Attn Paul Steinberg

Work Order: NPL2957
Project Name: Bodycote
Project Number: 1998002.200
Received: 12/20/06 10:15

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6124873-MSD1												
Isopropylbenzene	ND	50.0		ug/L	50.0	100%	63 - 143	16	17	6124873	NPL2969-10	12/29/06 11:47
p-Isopropyltoluene	ND	54.3		ug/L	50.0	109%	52 - 156	19	21	6124873	NPL2969-10	12/29/06 11:47
Methyl tert-Butyl Ether	ND	39.2	R2	ug/L	50.0	78%	62 - 135	21	16	6124873	NPL2969-10	12/29/06 11:47
Methylene Chloride	ND	49.4		ug/L	50.0	99%	71 - 130	16	19	6124873	NPL2969-10	12/29/06 11:47
4-Methyl-2-pentanone	ND	211	R2	ug/L	250	84%	74 - 139	20	18	6124873	NPL2969-10	12/29/06 11:47
Naphthalene	ND	34.4		ug/L	50.0	69%	40 - 161	20	34	6124873	NPL2969-10	12/29/06 11:47
n-Propylbenzene	ND	50.3	R2	ug/L	50.0	101%	67 - 146	19	18	6124873	NPL2969-10	12/29/06 11:47
Styrene	ND	48.8		ug/L	50.0	98%	39 - 162	16	22	6124873	NPL2969-10	12/29/06 11:47
1,1,1,2-Tetrachloroethane	ND	45.8	R2	ug/L	50.0	92%	72 - 139	17	16	6124873	NPL2969-10	12/29/06 11:47
1,1,2,2-Tetrachloroethane	ND	44.1	R2	ug/L	50.0	88%	71 - 139	19	16	6124873	NPL2969-10	12/29/06 11:47
Tetrachloroethene	ND	50.5		ug/L	50.0	101%	64 - 143	15	20	6124873	NPL2969-10	12/29/06 11:47
Toluene	ND	48.9		ug/L	50.0	98%	70 - 137	14	15	6124873	NPL2969-10	12/29/06 11:47
1,2,3-Trichlorobenzene	ND	40.1		ug/L	50.0	80%	45 - 150	20	33	6124873	NPL2969-10	12/29/06 11:47
1,2,4-Trichlorobenzene	ND	39.3		ug/L	50.0	79%	51 - 144	13	26	6124873	NPL2969-10	12/29/06 11:47
1,1,2-Trichloroethane	ND	45.2		ug/L	50.0	90%	76 - 132	16	16	6124873	NPL2969-10	12/29/06 11:47
1,1,1-Trichloroethane	ND	48.0		ug/L	50.0	96%	65 - 143	16	17	6124873	NPL2969-10	12/29/06 11:47
Trichloroethene	ND	49.3	R2	ug/L	50.0	99%	70 - 137	18	17	6124873	NPL2969-10	12/29/06 11:47
Trichlorofluoromethane	ND	48.6		ug/L	50.0	97%	49 - 159	17	42	6124873	NPL2969-10	12/29/06 11:47
1,2,3-Trichloropropane	ND	42.3		ug/L	50.0	85%	63 - 135	18	18	6124873	NPL2969-10	12/29/06 11:47
1,3,5-Trimethylbenzene	ND	48.9		ug/L	50.0	98%	36 - 162	17	20	6124873	NPL2969-10	12/29/06 11:47
1,2,4-Trimethylbenzene	ND	47.0		ug/L	50.0	94%	49 - 152	18	18	6124873	NPL2969-10	12/29/06 11:47
Vinyl chloride	ND	44.9		ug/L	50.0	90%	49 - 148	21	50	6124873	NPL2969-10	12/29/06 11:47
Xylenes, total	ND	147		ug/L	150	98%	62 - 147	15	16	6124873	NPL2969-10	12/29/06 11:47
Surrogate: 1,2-Dichloroethane-d4		46.0		ug/L	50.0	92%	62 - 142			6124873	NPL2969-10	12/29/06 11:47
Surrogate: Dibromofluoromethane		50.5		ug/L	50.0	101%	78 - 123			6124873	NPL2969-10	12/29/06 11:47
Surrogate: Toluene-d8		47.9		ug/L	50.0	96%	79 - 120			6124873	NPL2969-10	12/29/06 11:47
Surrogate: 4-Bromofluorobenzene		43.1		ug/L	50.0	86%	75 - 133			6124873	NPL2969-10	12/29/06 11:47

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client: Mabbett & Associates, Inc. (10615)
5 Alfred Circle
Bedford, MA 01730
Attn: Paul Steinberg

Work Order: NPL2957
Project Name: Bodycote
Project Number: 1998002.200
Received: 12/20/06 10:15

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	Illinois
SW846 8082	Water	N/A	X	X
SW846 8260B	Water	N/A	X	X

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NPL2957
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.200
Attn	Paul Steinberg	Received:	12/20/06 10:15

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte

Cl	Mabbett & Associates, Inc. (10615)	Work Order:	NPL2957
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.200
Attn	Paul Steinberg	Received:	12/20/06 10:15

DATA QUALIFIERS AND DEFINITIONS

M8 The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
R2 The RPD exceeded the acceptance limit.

METHOD MODIFICATION NOTES

TestAmerica ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring: IEPA

Client Name: Mabbett & Assoc
Client #:
Address: 5 Alfred Circle
City/State/Zip Code: Bedford MA 01730
Project Manager: Paul Steinbers
Telephone Number: 781 275 6050 Fax: 781 275 5657
Sampler Name: (Print Name) Chris Mabbett
Sampler Signature:

Project Name: Bodycote
Project #: 1998002.200
Site/Location ID: Melrose Park State: IL
Report To: Paul Steinbers
Invoice To: M&A
Quote #: PO#: WFS

TAT: X Standard; ___ Rush (surcharges may apply)
Date Needed:
Fax Results: (Y) N

QC Deliverables: ___ None; ___ Level 2 (Batch QC); ___ Level 3; ___ Level 4; Other:

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix (SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other)	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: VOC	PLB	REMARKS
Inside-I	12-19-06	1500	G	N	GW		X				X		X	X	-01
Outside-I	12-19-06	1400	G	N	GW		X				X		X	X	-02
TB	12-19-06	1201	G	N	GW		X						X		-03

NPL2957
01/02/07 23:59

Special Instructions:

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp:
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

Relinquished By:	Date: 12.19.06	Time: 1700	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date: 12/20/06	Time: 10:15

TestAmerica
ANALYTICAL TESTING CORPORATION

NPL2957

Nashville Division
COOLER RECEIPT FORM BC#

Cooler Received/Opened On_12/20/06_@_10:15_

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 3188821531

Fed-Ex UPS Velocity DHL Route Off-street Misc.

2. Temperature of representative sample or temperature blank when opened: 3.7 Degrees Celsius
(indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 101282 10594 Raynger ST

3. Were custody seals on outside of cooler?..... YES...NO...NA

a. If yes, how many and where: (1) Front

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (intial)..... [illegible]

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag Paper Other_____ None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (intial)..... [illegible]

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here_____

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)..... [illegible]

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial)..... [illegible]

I certify that I attached a label with the unique LIMS number to each container (intial)..... [illegible]

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO #_____

BIS = Broken in shipment
Cooler Receipt Form

Revised 3/9/06

Christopher L. Mabbett
M.S., EIT
Office Coordinator and
Environmental Engineer

A Service Disabled Veteran
Owned Small Business

Mabbett & Associates, Inc.
Environmental Consultants & Engineers

1005 Main Street, No. 1217
Pawtucket, RI 02860
Telephone: (401) 312-3411
Fax: (401) 722-6595
cmabbett@mabbett.com
www.mabbett.com

James R. Greacen, P.G., LSP, LEP
Director, Site Assessment
and Remediation Group

A Service Disabled Veteran
Owned Small Business

Mabbett & Associates, Inc.
Environmental Consultants & Engineers

5 Alfred Circle
Bedford, MA 01730-2318
Telephone: (781) 275-6050 x343
Fax: (781) 275-5651
greacen@mabbett.com
www.mabbett.com

Mabbett & Associates, Inc.

Environmental Consultants & Engineers

ANNUAL POLYCHLORINATED BIPHENYL ACTION SUMMARY REPORT

BODYCOTE THERMAL PROCESSING
MELROSE PARK, ILLINOIS

3/4/09

PROJECT NO. 1998002.258

March 4, 2009

Mabbett & Associates, Inc.
Environmental Consultants & Engineers
5 Alfred Circle
Bedford, MA 01730-2318
Telephone: (781) 275-6050
Toll Free: (800) 877-6050
Facsimile: (781) 275-5651
info@mabbett.com
www.mabbett.com

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ANNUAL POLYCHLORINATED BIPHENYL ACTION SUMMARY REPORT

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Facsimile: (781) 275-5651
info@mabbett.com
www.mabbett.com

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Mabbett & Associates, Inc.
Environmental Consultants & Engineers
A SERVICE DISABLED VETERAN OWNED SMALL BUSINESS

5 Alfred Circle
Bedford, Massachusetts
01730-2318
Tel: (781) 275-6050
Fax: (781) 275-5651
info@mabbett.com
www.mabbett.com

March 4, 2009

Mr. Donald Heller
Regional PCB Coordinator
US EPA Region V
77 W. Jackson Blvd.
Chicago, IL 60604

Re: Polychlorinated Biphenyl Action Summary Report
Bodycote Thermal Processing
1975 N. Ruby Street
Melrose Park, IL 60160
Project No. 1998002.236

Dear Mr. Heller:

On behalf of Bodycote Thermal Processing (Bodycote), Mabbett & Associates, Inc. (M&A) has prepared the enclosed Polychlorinated Biphenyl Action Summary Report for the facility located at 1975 North Ruby Street in Melrose Park, Illinois. This summary report has been prepared in accordance with the facility's PCB Action/Work Plan dated September 12, 2006 and approved by Region V of the United States Environmental Protection Agency (EPA).

Chemical analysis of light non-aqueous phase liquid (LNAPL), dense non-aqueous phase liquid (DNAPL), and groundwater in the Heat Treat Building portion of the Bodycote facility have yielded varying concentrations of polychlorinated biphenyls (PCBs). The presence of PCBs at the Site appears to correspond with the presence of LNAPL and DNAPL in certain areas of the Heat Treat Building. A separate distinct release of PCBs has not been identified. Ongoing free product removal efforts are being conducted in the NAPL bearing areas in accordance with an Illinois Environmental Protection Agency (IEPA) Voluntary Cleanup Program (VCP). NAPL removal efforts appear to also be the most effective means of reducing PCB mass in the subsurface. Due to the low permeability and corresponding low groundwater recharge rates observed in areas impacted with PCBs and the limited extent of PCBs primarily corresponding to select areas of LNAPL/DNAPL, it is M&A's opinion that PCB contamination is unlikely to migrate off the Site and that additional remedial actions are not warranted at this time.

Free product removal activities will continue at the Bodycote facility until NAPL has been reduced to the maximum extent practicable as prescribed in the current IEPA approved VCP program. In addition, long term semi-annual groundwater sampling will be performed in April and October including select PCB analyses.

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Serving the Environmental, Health and Safety Needs of Industry, Commercial Enterprise and Public Agencies™

The PCB Action Summary Report for the Heat Treat Building is attached for your review and consideration. If you have any questions or require any further action, please do not hesitate to contact me at (781) 275-6050.

Very truly yours,

MABBETT & ASSOCIATES, INC.

BY:

James R. Greacen
Director, Site Assessment and Restoration

/tw

Enclosure: Annual Polychlorinated Biphenyl Action Summary Report dated March 4, 2009

cc: Brian Strebing (Bodycote Thermal Processing)
Paula Stine (IEPA)
(MF)

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5 Alfred Circle, Bedford, Massachusetts 01730-2318 · Tel: (781) 275-6050 · Fax: (781) 275-5651 · info@mabbett.com www.mabbett.com

ACKNOWLEDGMENT

This *Annual Polychlorinated Biphenyl Action Summary Report* for the Site located at 1975 North Ruby Street in Melrose Park, Illinois has been prepared for the sole and exclusive use of Bodycote Thermal Processing, Inc. This report is subject to and issued in connection with the Letter-Agreement dated August 25, 2008. Any use or reliance upon information provided in this report, without the specific written authorization of Bodycote Thermal Processing, Inc. and Mabbett & Associates, Inc. shall be at the User's sole risk. No attempt has been made to assess the compliance status of any past or present Owner or Operator of the Property with any Federal, state, or local laws or regulations except as described herein with respect to this particular project.

The findings, observations, and conclusions presented in this report, including the extent of subsurface explorations and other tests, are limited by the scope of services outlined in our Letter-Agreements which reflect schedule and budgetary constraints. The professional opinions and findings presented in this report are based on the facts and information conveyed to or observed by Mabbett & Associates, Inc. during completion of this project. Furthermore, assessment and field operations have been performed in accordance with generally accepted engineering practices. No other warranty, expressed or implied, is made.

The assessment presented in this report is based solely upon the laws and regulations existing as of the date of this report as well as the information gathered to date including a limited number of subsurface explorations made on the dates indicated and performed by others. Should further environmental or other relevant information be developed at a later date, Bodycote Thermal Processing, Inc. should bring such information to the attention of Mabbett & Associates, Inc. as soon as possible. Based upon an evaluation, Mabbett & Associates, Inc. may modify this report and its conclusions.

This report was prepared by the following Mabbett & Associates, Inc. personnel:

Christopher L. Mabbett, MS, EIT
Environmental Engineer

This report has been reviewed and approved by:

MABBETT & ASSOCIATES, INC.

BY:

James R. Greacen, PG
Director, Site Assessment and Restoration

Paul D. Steinberg, PE, LSP
Senior Vice President & General Manager

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1	Summary of Groundwater Laboratory Analytical Results
2	Summary of Non Aqueous Phase Liquid Laboratory Analytical Results

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No.	Description
L-1	Site Location Map
L-2	Site Plan
L-3	Heat Treat Building Area of PCB Contamination - October 2008
L-4	Heat Treat Building Shallow Groundwater Contours – October 2008

LIST OF APPENDICES

No.	Description
A	Laboratory Analytical Reports – April and October 2008

I. INTRODUCTION

Mabbett & Associates, Inc. (M&A) has prepared this Annual Polychlorinated Biphenyl (PCB) Action Summary Report on behalf of our client, Bodycote Thermal Processing (Bodycote), for the Site located at 1975 North Ruby Street in Melrose Park, Illinois. This summary report has been prepared in accordance with 40 CFR 761 and with the Polychlorinated Biphenyl Action/Work Plan dated September 12, 2006.

The presence of PCB contamination in groundwater and non-aqueous phase liquid (NAPL) beneath the Heat Treat Building within a portion of the Bodycote facility was identified in 2000. Source investigations and analytical sampling for the purpose of confirming the nature and extent of PCB contamination have been ongoing since that time. The following sections discuss the data collected and PCB actions taken during 2008 as part of the Site's approved PCB Action/Work Plan.

II. DISPOSAL SITE DESCRIPTION

The Bodycote facility is an industrial complex located at 1975 North Ruby Street in Melrose Park, Illinois. The facility was constructed in the 1950s and has been the site of heat treating operations since that time. The property is located in an Industrial zoned area and is planned for continued use as a manufacturing facility into the foreseeable future. A Site Location Map and a Site Plan are provided as Drawings L-1 and L-2, respectively.

III. SITE HISTORY

The presence of PCBs beneath the Bodycote Heat Treat Building was discovered in May 2000 during routine profiling of groundwater and dense non-aqueous phase liquid (DNAPL) associated with remedial efforts to remove free product from on-site monitoring well M&A-113 (refer to Drawing L-2). Of the nine drums that were profiled for off-site disposal, eight had detectable concentrations of Aroclor 1248 PCBs ranging from 341 milligrams per kilogram (mg/kg) to 516 mg/kg. These detections were above applicable state and Federal standards for PCBs.

In response to the May 2000 PCB detections, M&A initiated an in-depth review of available documentation for the property in order to identify potential sources of PCB contamination at the Site. M&A reviewed records at the Bodycote facility, the State Fire Marshall, the Village of Melrose Park Fire Department, The Village of Melrose Park Building Department, and Village of Melrose Park Health Office, however, no records were located which documented PCB use, spills, or the presence of PCB containing equipment at the Site. Bodycote personnel were also interviewed for their knowledge regarding PCB spills or PCB containing equipment at the facility, but no known PCB spills or PCB containing equipment were identified to the best of the personnel's knowledge.

During September 2000, M&A sampled NAPL occurring in monitoring wells M&A-113 and M&A-111 for PCB analysis. Laboratory results indicated the presence of Aroclor 1248 PCBs at concentrations of 1,600 mg/kg and 3,308 mg/kg, respectively. Upon further corroboration of laboratory results, M&A conducted a round of groundwater sampling for PCBs in October 2002. Samples were collected from seven monitoring wells located in the Heat Treat Building and submitted for laboratory analysis of PCBs in accordance with United States Environmental Protection Agency (EPA) Test Method 8082. Detected concentrations of PCBs were observed in four of the seven monitoring wells and ranged between 1.6 micrograms per liter (µg/L) and 600

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μg/L. The Illinois Environmental Protection Agency (IEPA) TACO Tier I standard for PCBs in groundwater is 2.5 μg/L.

Between 2002 and 2006, M&A conducted additional groundwater and NAPL sampling in order to obtain the additional data necessary for formulating a PCB Action/Work Plan. During this time, low flow sampling methods were used to reduce turbidity to obtain more representative samples to evaluate dissolved PCB concentrations. The resulting PCB analytical results were significantly lower using the revised and more appropriate sampling techniques. The results of the PCB sampling are summarized in Tables 1 and 2. NAPL recovery efforts initiated at the Site under the IEPA Voluntary Cleanup Program (VCP) are removing PCB mass from the subsurface and may also be contributing to the lower PCB concentrations observed during recent sampling events.

In October 2005, M&A contacted Ms. Pricilla Fonseca (Region V EPA) to establish the actions necessary to address the identified PCBs at the facility. Ms. Fonseca informed M&A that Bodycote needed to file a "Notice of PCB Activity" (Form #7710-53) and a PCB Action/Work Plan with the EPA. Form #7710-53 was filed on November 8, 2005. A PCB Action/Work Plan was submitted on September 12, 2006 and proposed the following:

- Install additional monitoring wells in the northwest region of the Heat Treat Building and outside the northwestern wall of the Heat Treat Building to confirm the extent of PCB contamination;

- Continue NAPL recovery efforts initiated under the IEPA approved VCP; continued removal of light non-aqueous phase liquid (LNAPL) and DNAPL was expected to result in further reductions in PCB concentrations at the Site;

- Maintain constructed engineered barriers, utilizing existing concrete slab flooring, over areas of residual soil impacts to eliminate potential exposure; and

- Conduct ongoing periodic training of Bodycote personnel in appropriate PCB waste management procedures.

On November 15, 2006, M&A personnel oversaw the advancement of three soil borings in and around the northwestern portion of the Heat Treat Building for the purpose of delineating the extent of PCBs. The soil borings were advanced by Precon Drilling, Inc. of Addison, Illinois using hollow stem auger drilling techniques. The soil borings were completed with 2-inch diameter monitoring wells and designated M&A-130, M&A-131, and M&A-133 (refer to Drawing L-2).

Monitoring wells M&A-130 and M&A-131 are located outside of the Heat Treat Building along Ruby Street. Shallow monitoring well M&A-130 was advanced to 16 feet below ground surface (bgs) with a 10-foot screen interval located between 5 and 15 feet bgs. Intermediate monitoring well M&A-131 was advanced to 30 feet bgs with a 10-foot screen interval located between 19 and 29 feet bgs. Soils encountered during the advancement of these monitoring wells were generally clays with some silt and gravel. Visual or olfactory indicators of contamination were not observed in either of the boreholes located outside the Heat Treat Building.

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Monitoring well M&A-133 is located in the northwest corner of the Heat Treat Building and is an intermediate well advanced to 30 feet bgs. The monitoring well is screened between 19 and 29 feet bgs. Soils encountered in the boring consisted of approximately 9 feet of fill material underlain by clays. Visual and olfactory screening of the soils did not indicate the presence of contaminants.

M&A collected groundwater samples from newly installed monitoring wells M&A-131 and M&A-133 (designated Outside-I and Inside-I, respectively on the laboratory report) on December 19, 2006. Monitoring well M&A-130 could not be sampled due to the lack of groundwater recharge into the well. Groundwater samples were submitted to Test America Analytical Testing Corporation (Test America) of Nashville, Tennessee for analysis of PCBs in accordance with EPA Test Method 8082. Based on the analytical results, PCBs were not detected in monitoring wells M&A-131 and M&A-133 above laboratory reporting limits.

PCB actions taken at the Bodycote facility since the submittal of the PCB Action Summary Report in March 2008 are summarized in the following sections.

IV. PCB ACTIONS

A. PCB Storage Area

In accordance with 40 CFR 761.65, Bodycote is required to have a hazardous waste storage area at the facility that is designed for PCB wastes if waste materials contain 50 parts per million (ppm) or greater of PCBs. A waste accumulation area has been established in the Heat Treat Building. The accumulation area generally contains two to three 55-gallon drums including one for NAPL containing materials such as absorbent socks and bailers used for manual product removal, one for DNAPL extracted from monitoring well M&A-113, and one for LNAPL removed from monitoring well M&A-114. The drums are situated on a secondary containment pallet with a storage capacity greater than 55 gallons. Drums stored in the Hazardous Waste Storage Area are appropriately labeled with the applicable waste codes and the words "CONTAINS PCBs" on the hazardous waste label. All PCB containing wastes at the Bodycote facility must be disposed of within one year of their storage start date in accordance with 40 CFR 761.65.

B. Groundwater Sampling

PCB sampling was performed at select monitoring well locations during routine Semi-Annual Sampling Events conducted under the IEPA VCP in April and October 2008. Tables 1 and 2 provide PCB sampling data collected to date for both groundwater and NAPL beneath the Heat Treat Building. In general, concentrations of PCBs detected at the Site have decreased significantly since their discovery in May 2000. Additional discussion regarding the nature and extent of PCBs in groundwater and NAPL at the Bodycote facility is provided in Section V.

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V. NATURE AND EXTENT OF PCB CONTAMINATION

Based on historical PCB data for the Heat Treat Building (provided in Tables 1 and 2), PCBs appear to be limited to NAPL and groundwater in the vicinity of monitoring wells M&A-110, M&A-111, M&A-113 and M&A-114. As indicated in Table 1, detected concentrations of PCBs in groundwater beneath the Heat Treat Building have been below the IEPA TACO Tier I Standard of 2.5 μg/L since the spring 2006 sampling event with one exception. During the October 2008 sampling event Aroclor 1248 was detected in monitoring well M&A-113 at a concentration of 5.28 μg/L. Aroclor 1248 was also detected in a DNAPL sample collected from this well during this sampling event. This elevated concentration was attributed to the presence of DNAPL in this well and the groundwater sample being highly turbid. M&A re-sampled groundwater from monitoring well M&A-113 in December 2008 and observed Aroclor 1248 at a concentration of 1.29 μg/L. As indicated in Table 2, Aroclor 1248 was detected in the DNAPL collected from monitoring well M&A-113 at a concentration of 1,330 mg/kg in April 2008 and 1,270 mg/kg in October 2008. Aroclor 1248 was detected at a concentration of 36 mg/kg in April 2008 and 21.3 mg/kg in October 2008 in the LNAPL collected from monitoring well M&A-114.

Drawing L-3 depicts the area of PCB groundwater and NAPL contamination beneath the Heat Treat Building in 2008. The successful elimination of LNAPL in monitoring well M&A-301 and the absence of PCBs in groundwater at downgradient boundary wells M&A-122, M&A-131, and M&A-301 indicate that the likelihood for migration of PCB contaminated groundwater in a westerly direction off the property is minimal (refer to Drawing L-4 Heat Treat Building Shallow Groundwater Contours).

VI. SUMMARY

Groundwater and NAPL samples have been collected and analyzed for PCBs over the past several years from monitoring wells located throughout the Heat Treat Building in an effort to identify a source of PCB contamination at the Site. While no definitive source has been identified, PCB contamination has been observed in only a limited area both laterally and vertically beneath a portion of the Bodycote facility. Dissolved concentrations of PCBs in groundwater have declined significantly since the discovery of PCBs at the Site in 2000 and have been below applicable IEPA TACO Tier I Standards since 2006.

NAPL recovery efforts in the Heat Treat Building are ongoing and appear to have reduced the occurrence of NAPL in this portion of the Site to only those areas around monitoring wells M&A-113 and M&A-114. Continuing to remove free product to the extent practicable in these areas appears to be the most effective means of achieving additional PCB reductions in the Heat Treat Building.

VII. FURTHER EXPLORATION/REMEDIAL ACTIONS

Based on the information collected to date, M&A recommends continued NAPL removal as the primary course of action for reducing PCB contamination at the Site. The in-situ DNAPL extraction system located in monitoring well M&A-113 will continue to operate on a full-time basis in accordance with the VCP established for the Heat Treat Building. In addition, Bodycote and M&A personnel will continue to bail LNAPL from monitoring well M&A-114 on a periodic basis and

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maintain oil absorbent media in other monitoring wells where free product is present or has historically been observed.

M&A will continue to perform long term groundwater and NAPL monitoring to coincide with the April and October semi-annual sampling events established under the VCP. PCB Summary Reports will be submitted to the EPA on an annual basis until such time that a status No Further Action has been issued for PCB contamination at the Site.

Based on the information presented herein, it is M&A's opinion that:

1. No active PCB release sources are present and based on diligent research no historic sources for PCBs have been identified.

2. The presence of PCBs appears to be commingled with NAPL and is limited in extent.

3. Groundwater quality appears to meet the IEPA standard for PCBs of 2.5 μg/L.

4. The extent of PCBs in the subsurface has been reasonably delineated.

5. PCBs do not appear to be migrating and based on site data, the potential for significant PCB migration is low.

6. Ongoing efforts to remove NAPL under the approved IEPA VCP also appear to be the most appropriate remediation strategy for PCBs.

7. No further investigation or additional remediation appears warranted at this time.

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TABLES

TABLE 1
BODYCOTE THERMAL PROCESSING
HEAT TREATMENT BUILDING
SUMMARY OF GROUNDWATER POLYCHLORINATED BIPHENYL LABORATORY ANALYTICAL RESULTS

GW Samples			Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
TACO Tier I Standard			2.5	2.5	2.5	2.5	2.5	2.5	2.5
WELL	AQUIFER	DATE	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-6	Shallow	10/28/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-10	Intermed	10/28/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MCA-1	Shallow	10/28/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MCA-2	Shallow	10/02/2002	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		10/23/2003	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		4/18/2006	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		10/19/2006	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		5/02/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		10/17/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		4/16/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		10/23/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MCA-4	Shallow	10/28/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MCA-5	Shallow	5/18/2004	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		4/17/2006 (2)	-	-	-	-	-	-	-
		5/15/2006	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
		10/18/2006	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		4/30/2007 (2)	-	-	-	-	-	-	-
		10/17/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		10/22/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
M&A-101	Shallow	10/29/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
M&A-103	Shallow	5/18/2004	< 0.5	< 1.0	< 0.5	< 0.5	**4.99**	< 0.5	< 0.5
		4/17/2006	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		10/19/2006	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		4/30/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		10/17/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		4/16/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		10/23/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
M&A-104	Shallow	10/02/2002	< 0.5	< 1.0	< 0.5	**1.6**	< 0.5	< 0.5	< 0.5
		10/23/2003	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		5/18/2004	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		4/17/2006	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		10/19/2006	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		4/30/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		10/17/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		4/16/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		10/23/2008	<0.5	<0.5	<0.5	<0.5	**0.592**	<0.5	<0.5
		12/17/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

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GW Samples			Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
TACO Tier I Standard			2.5	2.5	2.5	2.5	2.5	2.5	2.5
WELL	AQUIFER	DATE	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
M&A-105	Shallow	10/02/2002	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		10/22/2003	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		4/19/2006	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		10/19/2006	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		5/2/2007 (4)	-	-	-	-	-	-	-
		10/17/2007 (4)	-	-	-	-	-	-	-
		4/16/2008 (4)	-	-	-	-	-	-	-
		10/22/2008 (4)	-	-	-	-	-	-	-
M&A-106	Shallow	5/15/2006	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
		10/19/2006	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		5/01/2007	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		10/18/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		4/16/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		10/22/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
M&A-109	Deep	5/18/2004	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		4/17/2006 (1)	-	-	-	-	-	-	-
		10/19/2006 (1)	-	-	-	-	-	-	-
		5/2/2007 (1)	-	-	-	-	-	-	-
		10/17/2007(1)	-	-	-	-	-	-	-
		10/22/2008(1)	-	-	-	-	-	-	-
M&A-110	Intermed	5/18/2004	< 0.5	< 1.0	< 0.5	< 0.5	**12.2**	< 0.5	< 0.5
		4/17/2006 (1)	-	-	-	-	-	-	-
		5/15/2006	<0.4	<0.4	<0.4	**5.92**	<0.4	<0.4	<0.4
		10/19/2006	< 0.5	< 0.5	< 0.5	< 0.5	**1.31**	< 0.5	< 0.5
		4/30/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		10/17/2007	<0.5	<0.5	<0.5	<0.5	**1.11**	<0.5	<0.5
		10/23/2008	<0.5	<0.5	<0.5	<0.5	**0.848**	<0.5	<0.5
M&A-111	Intermed	10/02/2002	< 25	< 50	< 25	**600**	< 25	**154**	< 25
		10/23/2003	< 0.5	< 1.0	< 0.5	< 0.5	**3.73**	< 0.5	< 0.5
		5/18/2004	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		4/18/2006	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		10/19/2006	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		4/30/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		10/18/2007	<0.5	<0.5	<0.5	<0.5	**0.652**	<0.5	<0.5
		4/16/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		10/22/2008	<0.5	<0.5	<0.5	<0.5	**1.16**	<0.5	-
		12/17/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

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GW Samples			Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
TACO Tier I Standard			2.5	2.5	2.5	2.5	2.5	2.5	2.5
WELL	AQUIFER	DATE	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
M&A-112	Shallow	10/02/2002	< 0.5	< 1.0	< 0.5	**5.9**	< 0.5	**2.8**	< 0.5
		10/23/2003	< 1.0	< 2.0	< 1.0	< 1.0	**17.7**	**9.04**	< 1.0
		5/18/2004	< 0.5	< 1.0	< 0.5	< 0.5	**13.3**	< 0.5	< 0.5
		4/18/2006	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		10/19/2006(2)	-	-	-	-	-	-	-
		5/01/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		10/18/2007	<0.5	<0.5	<0.5	<0.5	**1.99**	<0.5	<0.5
		4/16/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		10/23/2008	<0.5	<0.5	<0.5	<0.5	**1.02**	<0.5	<0.5
M&A-113	Intermed	5/18/2004	< 0.5	< 1.0	< 0.5	< 0.5	**15.8**	< 0.5	< 0.5
		4/19/2006	< 1.0	< 1.0	< 1.0	**16.3**	< 1.0	< 1.0	< 1.0
		10/19/2006	< 0.5	< 0.5	< 0.5	< 0.5	**1.22**	< 0.5	< 0.5
		5/01/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		10/17/2007(2)	-	-	-	-	-	-	-
		10/23/2008	<0.5	<0.5	<0.5	<0.5	**5.28**	<0.5	<0.5
		12/17/2008	<0.5	<0.5	<0.5	<0.5	**1.29**	<0.5	<0.5
M&A-114	Shallow	10/02/2002	< 0.5	< 1.0	< 0.5	**16.8**	< 0.5	**13.8**	< 0.5
		4/17/2006 (3)	-	-	-	-	-	-	-
		10/19/2006 (3)	-	-	-	-	-	-	-
		5/2/2007 (3)	-	-	-	-	-	-	-
		10/17/2007(3)	-	-	-	-	-	-	-
		10/22/2008(3)	-	-	-	-	-	-	-
M&A-115	Intermed	10/02/2002	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		10/23/2003	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		4/19/2006	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		10/19/2006	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		5/2/2007 (1)	-	-	-	-	-	-	-
		10/18/2007	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
M&A-116	Shallow	5/18/2004	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		4/18/2006	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		5/15/2006	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
		10/18/2006	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		5/01/2007	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		10/17/2007(2)	-	-	-	-	-	-	-
		10/22/2008(2)	-	-	-	-	-	-	-

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TACO Tier I Standard			2.5	2.5	2.5	2.5	2.5	2.5	2.5
WELL	AQUIFER	DATE	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
M&A-117	Intermed	5/01/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		10/17/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		4/16/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		10/22/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
M&A-118	Shallow	10/28/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
M&A-119	Intermed	5/18/2004	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		4/18/2006	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		10/18/2006	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		4/30/2007	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		10/18/2007	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
M&A-120	Intermed	10/18/2006	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		5/01/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		10/17/2007(2)	-	-	-	-	-	-	-
		10/22/2008(2)	-	-	-	-	-	-	-
		12/17/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
M&A-121	Intermed	5/18/2004	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		4/18/2006	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		10/18/2006	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		5/02/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		10/17/2007(2)	-	-	-	-	-	-	-
		10/22/2008(2)	-	-	-	-	-	-	-
		12/17/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
M&A-122	Intermed	5/18/2004	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		4/19/2006	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		10/18/2006	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		5/02/2007	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		10/17/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		4/16/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		10/22/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
M&A-124	Shallow	5/15/2006	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
		10/19/2006	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		5/01/2007	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		10/18/2007	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		4/16/2008	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	<0.5
		10/22/2008	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

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TABLE 1
BODYCOTE THERMAL PROCESSING
HEAT TREATMENT BUILDING
SUMMARY OF GROUNDWATER POLYCHLORINATED BIPHENYL LABORATORY ANALYTICAL RESULTS

GW Samples			Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
TACO Tier I Standard			2.5	2.5	2.5	2.5	2.5	2.5	2.5
WELL	AQUIFER	DATE	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
M&A-126	Intermed	5/18/2004	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		4/18/2006	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		10/18/2006	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		4/30/2007	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		10/18/2007	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		4/16/2008	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	<0.5
		10/23/2008	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
M&A-127	Intermed	10/28/2008	<0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
M&A-130	Shallow	4/16/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		10/29/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
M&A-131	Intermed	12/19/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		10/29/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
M&A-133	Intermed	12/19/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		10/28/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
M&A-301	Shallow	4/19/2006	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		10/18/2006	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		5/02/2007	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		10/17/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		4/16/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
		10/22/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
M&A-208	Intermed	10/18/2006	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		4/30/2007(2)	-	-	-	-	-	-	-
		10/17/2007(2)	-	-	-	-	-	-	-
		10/28/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Notes:

µg/L - micrograms per liter
PCBs analysis performed via EPA Method 8082
TACO - Tiered Approach Toward Corrective Action
TACO Tier I Standards based on the Illinois Environmental Protection Agency Title 35. Admin Code 742.505
Tier 1 Remediation Objectives for Class II Groundwater
Shading indicates compound exceeds established TACO Tier I standard.
BOLD values indicate compound was detected
(1) Not sampled, well was dry.
(2) Not sampled, insufficient water recharge to complete sampling.
(3) Not sampled, well contained no water, only Free Product
(4) Not sampled, obstruction in well.

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TABLE 2
BODYCOTE THERMAL PROCESSING
HEAT TREATMENT BUILDING
SUMMARY OF NON-AQUEOUS PHASE LIQUID POLYCHLORINATED BIPHENYL LABORATORY ANALYTICAL RESULTS

PCBs			Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
WELL	**AQUIFER**	**DATE**	**(mg/kg)**	**(mg/kg)**	**(mg/kg)**	**(mg/kg)**	**(mg/kg)**	**(mg/kg)**	**(mg/kg)**
M&A-114	Shallow (LNAPL)	5/17/2004	< 0.05	< 0.05	< 0.05	< 0.05	**1.72**	< 0.05	< 0.05
		4/17/2006	< 0.128	< 0.128	< 0.128	< 0.128	**41.4**	< 0.128	< 0.128
		10/19/2006	< 0.0326	< 0.0326	< 0.0326	< 0.0326	< 0.0326	< 0.0326	< 0.0326
		5/2/2007	<0.162	<0.162	<0.162	<0.162	**36.8**	<0.162	<0.162
		10/17/2007	<0.135	<0.135	<0.135	<0.135	**53.5**	<0.135	<0.135
		4/16/2008	<0.133	<0.133	<0.133	<0.133	**36**	<0.133	<0.133
		10/22/2008	<0.132	<0.132	<0.132	<0.132	**21.3**	<0.132	<0.132
M&A-113	Intermed (DNAPL)	5/17/2004	< 50	< 50	< 50	< 50	**946**	< 50	< 50
		4/19/2006	< 0.0326	< 0.0326	< 0.0326	< 0.0326	< 0.0326	< 0.0326	< 0.0326
		10/19/2006 (1)	-	-	-	-	-	-	-
		5/2/2007	<3.2	<3.2	<3.2	<3.2	**953**	<3.2	<3.2
		10/17/2007	<6.53	<6.53	<6.53	<6.53	**1,320**	<6.53	<6.53
		4/16/2008	<3.33	<3.33	<3.33	<3.33	**1,330**	<3.33	<3.33
		10/22/2008	<3.26	<3.26	<3.26	<3.26	**1,270**	<3.26	<3.26
M&A-301	Shallow (LNAPL)	5/17/2004	< 0.5	< 0.5	< 0.5	< 0.5	**0.67**	< 0.5	< 0.5
		4/19/2006 (1)	-	-	-	-	-	-	-
		10/19/2006 (1)	-	-	-	-	-	-	-
		5/2/2007 (1)	-	-	-	-	-	-	-
		10/17/2007 (1)	-	-	-	-	-	-	-
		4/16/2008 (1)	-	-	-	-	-	-	-
		10/22/2008 (1)	-	-	-	-	-	-	-
MCA-2	Shallow (LNAPL)	5/17/2004	-	-	-	-	-	-	-
		4/17/2006	< 0.132	< 0.132	< 0.132	< 0.132	< 0.132	< 0.132	< 0.132
		10/19/2006	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032
		5/2/2007 (1)	-	-	-	-	-	-	-
		10/17/2007 (1)	-	-	-	-	-	-	-
		4/16/2008 (1)	-	-	-	-	-	-	-
		10/22/2008 (1)	-	-	-	-	-	-	-

Notes: mg/kg - milligrams per kilogram.
PCBs analysis performed via EPA Method 8082
BOLD values indicate compound was detected
(1) Not sampled, no product present

What are present removal rates of NAPLs?

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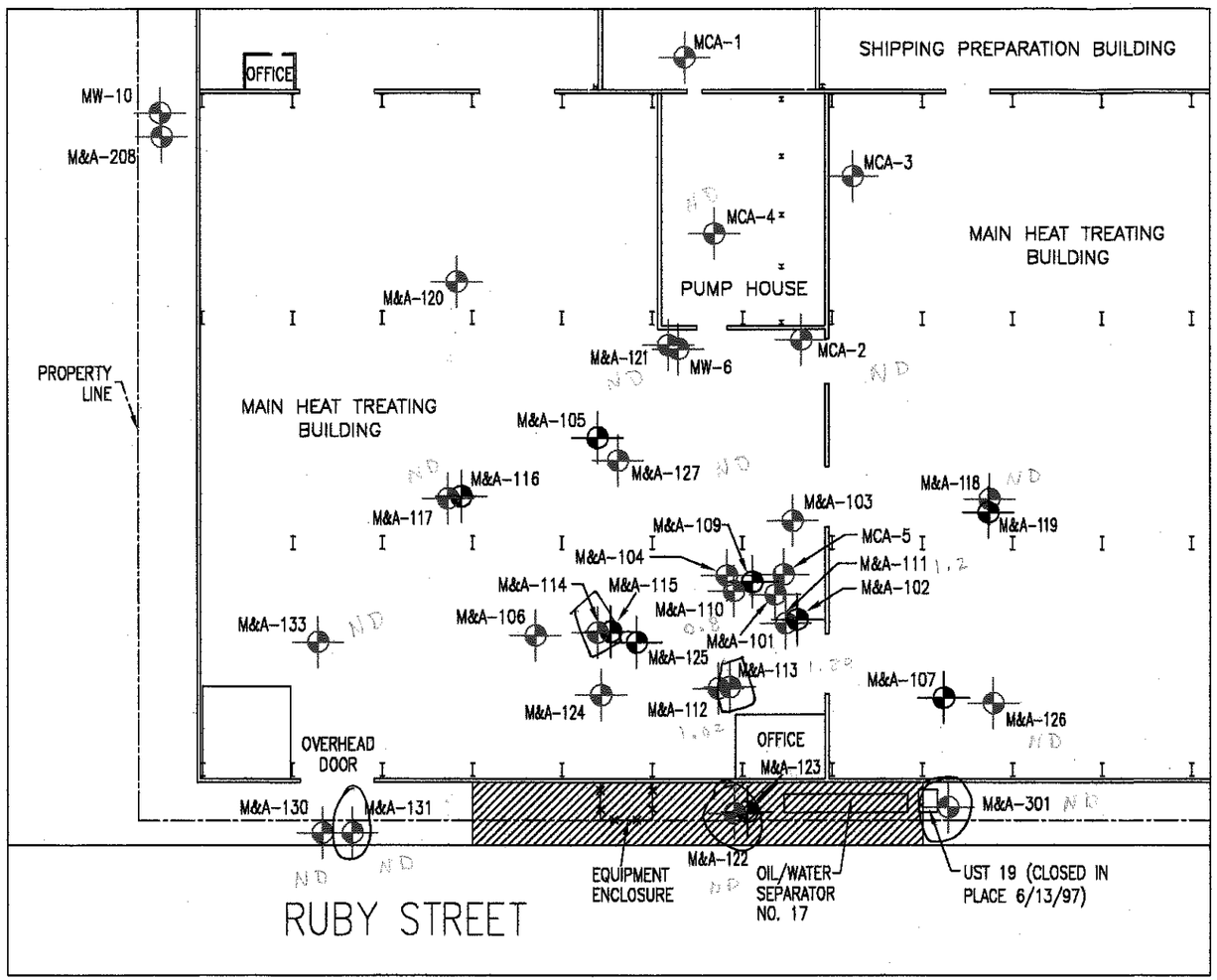
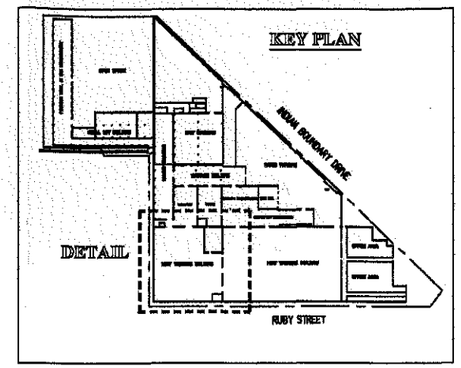
FIGURES

BODYCOTE THERMAL PROCESSING, INC.

MELROSE PARK, ILLINOIS

Mabbett & Associates Environmental Consultants & Engineers	SITE AREA TOPOGRAPHY	DWG. NO. L-1	
DRAWN DJA	APPROVED	SCALE NTS	PROJ. NO. 1998002.258





NOTES:

1. MONITORING WELL AND BORING LOCATIONS INSTALLED PRIOR TO 1997 ARE BASED ON FIELD MEASUREMENTS TAKEN BY M&A PERSONNEL.
2. MONITORING WELL AND BORING LOCATIONS INSTALLED DURING AND AFTER 1997 ARE BASED ON FIELD MEASUREMENTS TAKEN BY AN ILLINOIS REGISTERED LAND SURVEYOR.

LEGEND:

- MONITORING WELL LOCATION
- MONITORING WELL SAMPLED FOR PCB's
- APPROXIMATE PROPERTY LINE
- SUPPORTING COLUMN
- ENGINEERED BARRIER: BITUMINOUS CONCRETE

SCALE:

0 40' 80' 120'

BODYCOTE THERMAL PROCESSING, INC. MELROSE PARK, ILLINOIS	HEAT TREATMENT BUILDING MONITORING WELL LOCATIONS		L-2
Mabbett & Associates Environmental Consultants & Engineers	SCALE: 1"=40'-0"	DR BY: DJA	PROJECT NO. 1998002.258
	DATE: 3/4/09	AP BY:	

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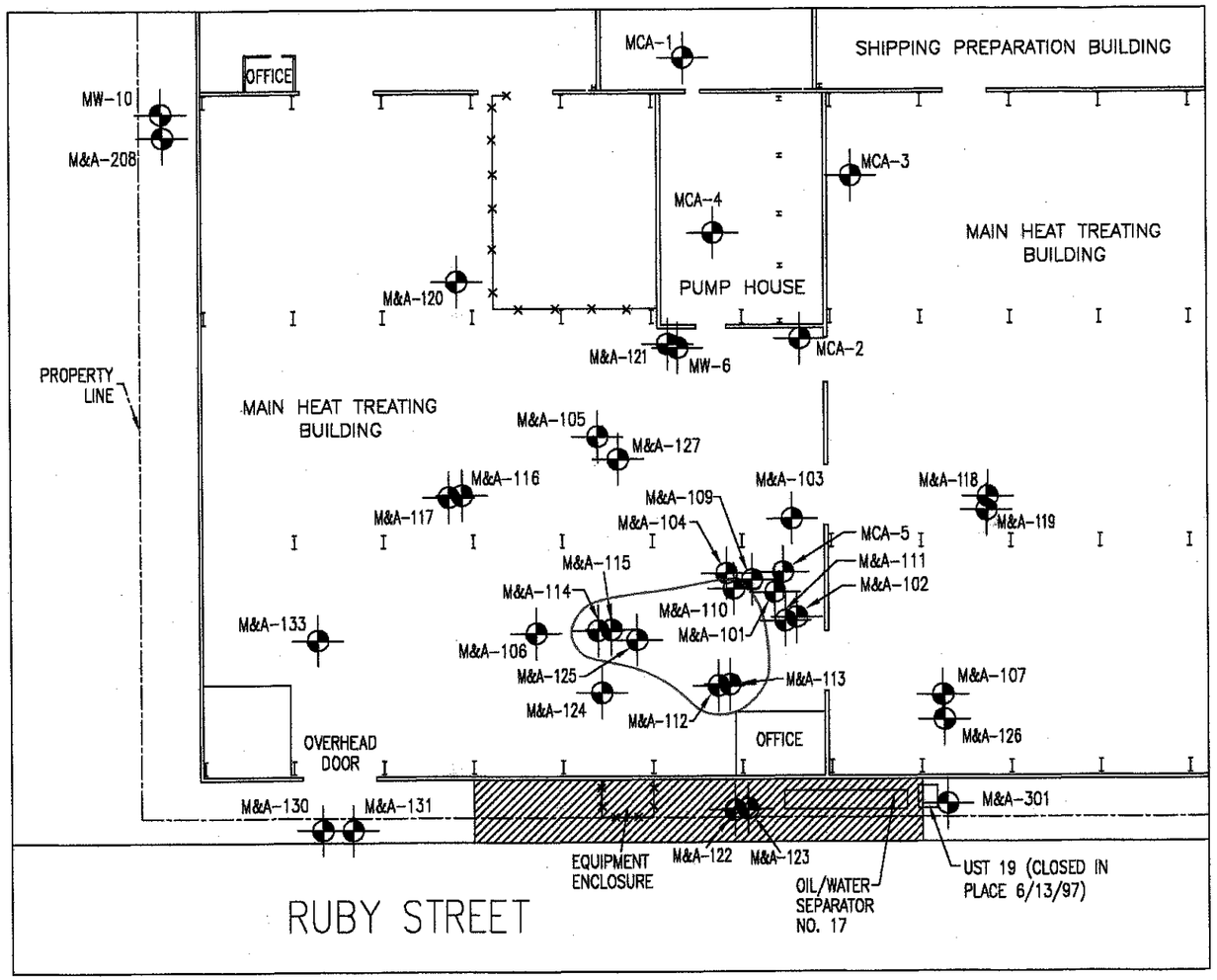
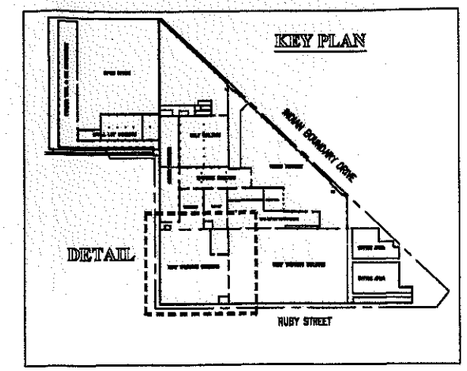
Mabbett & Associates, Inc

S:\CADD\WORK\Bodycote\1998002.259\1998002-258-L2 PCB MW.dwg - Model - Feb. 20, 2009 11:23am - djo





NOTES:

1. MONITORING WELL AND BORING LOCATIONS INSTALLED PRIOR TO 1997 ARE BASED ON FIELD MEASUREMENTS TAKEN BY M&A PERSONNEL.
2. MONITORING WELL AND BORING LOCATIONS INSTALLED DURING AND AFTER 1997 ARE BASED ON FIELD MEASUREMENTS TAKEN BY AN ILLINOIS REGISTERED LAND SURVEYOR.

LEGEND:

- MONITORING WELL LOCATION
- APPROXIMATE PROPERTY LINE
- CHAIN LINK FENCE
- SUPPORTING COLUMN
- ENGINEERED BARRIER: CONCRETE SLAB
- AREA OF PCB CONTAMINATION (OCTOBER 2008)

SCALE:

0 40' 80' 120'

BODYCOTE THERMAL PROCESSING, INC. MELROSE PARK, ILLINOIS	HEAT TREATMENT BUILDING AREA OF PCB CONTAMINATION, OCTOBER 2008		L-3
Mabbett & Associates Environmental Consultants & Engineers	SCALE: 1"=40'-0"	DR BY: DJA	PROJECT NO. 1998002.258
	DATE: 3/4/09	AP BY:	

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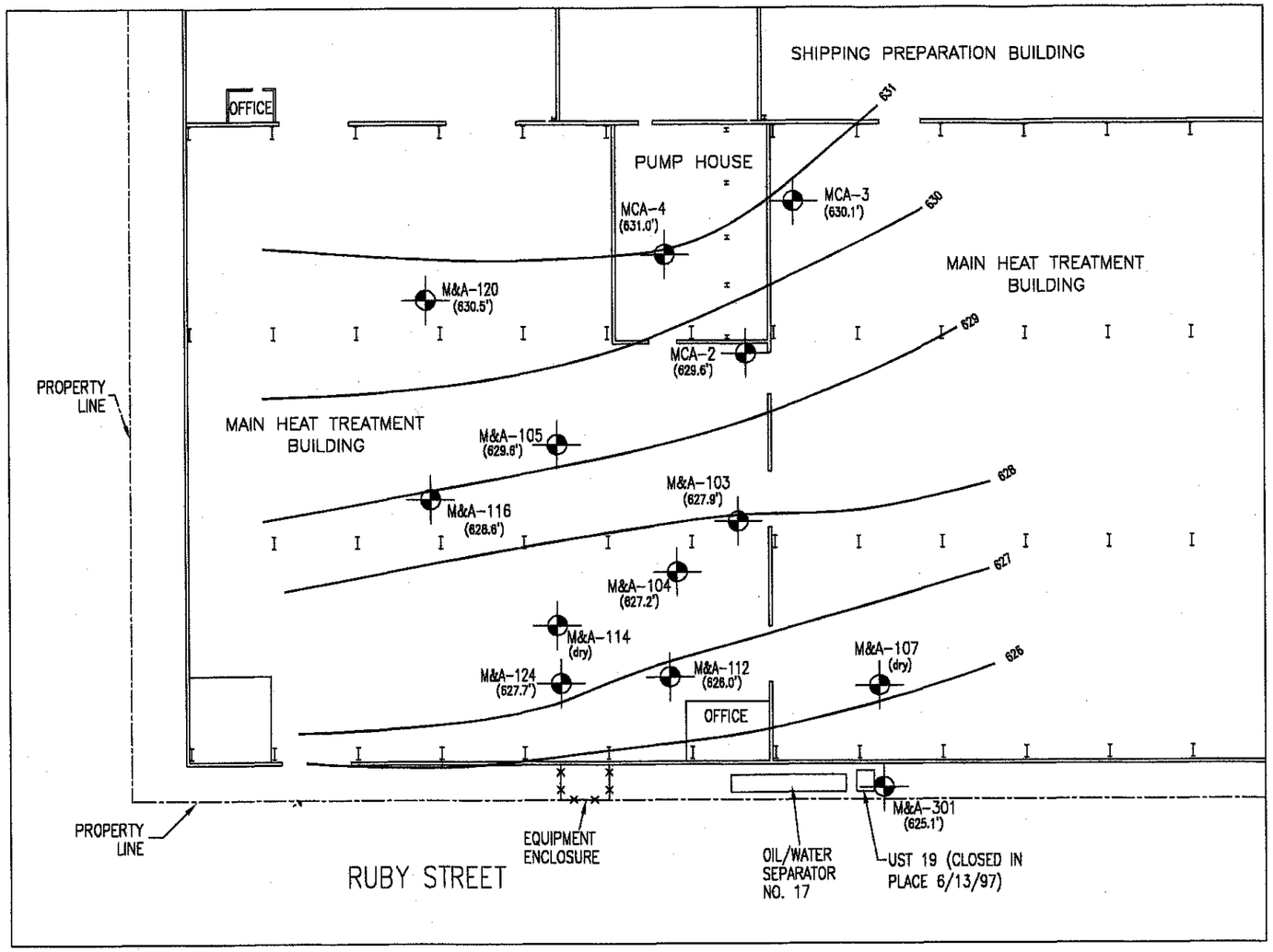
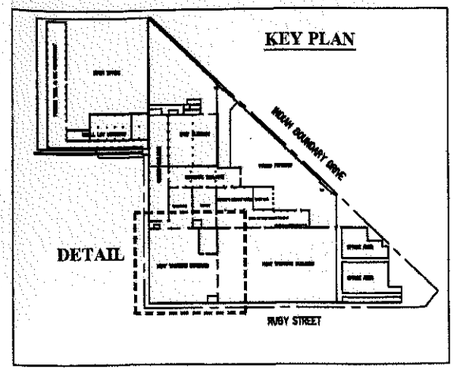
Mabbett & Associates, Inc

S:\CADD\WORK\Bodycote\1998002.259\1998002-259-L3 PCB 2008 Contours.dwg - Model - Feb. 20, 2009 11:24am - dja





NOTES:

1. MONITORING WELL LOCATIONS INSTALLED PRIOR TO 1997 ARE BASED ON FIELD MEASUREMENTS TAKEN BY M&A PERSONNEL.
2. MONITORING WELL LOCATIONS INSTALLED DURING AND AFTER 1997 ARE BASED ON FIELD MEASUREMENTS TAKEN BY AN ILLINOIS REGISTERED LAND SURVEYOR.
3. DATA FROM WELL M&A-112 NOT USED IN CONTOURING.

LEGEND:

- MONITORING WELL LOCATION
- (630.5') GROUNDWATER ELEVATION, DEFINED AS NATIONAL GEODETIC VERTICAL DATUM (NGVD)
- APPROXIMATE PROPERTY LINE
- SUPPORTING COLUMN
- 1.0 FT. SHALLOW GROUNDWATER CONTOURS (OCTOBER 2008)
- CHAIN LINK FENCE

SCALE:

0 40' 80' 120'

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BODYCOTE THERMAL PROCESSING, INC. MELROSE PARK, ILLINOIS	SHALLOW GROUNDWATER ELEVATION CONTOURS (OCTOBER 2008)		L-4
Mabbett & Associates Environmental Consultants & Engineers	SCALE: 1"=40'-0"	DR BY: DJA	PROJECT NO. 1998002.258
	DATE: 03/04/09	AP BY: JRG	

S:\CADD\WORK\Bodycote\1998002.259\1998002-258-L4 Sallow GW Contours.dwg - Model - Mar. 04, 2009 5:10pm - dja

APPENDICES

APPENDIX A

Laboratory Analytical Results

April and October 2008

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

October 31, 2008 3:31:35PM

Client: Mabbett & Associates, Inc. (10615)
5 Alfred Circle
Bedford, MA 01730
Attn: Julie Heimerdinger

Work Order: NRJ2864
Project Name: Bodycote
Project Nbr: 1998002.242/244
P/O Nbr:
Date Received: 10/24/08

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MCA-2	NRJ2864-01	10/23/08 12:00
M&A-103	NRJ2864-02	10/23/08 10:25
M&A-104	NRJ2864-03	10/23/08 10:25
M&A-105	NRJ2864-04	10/23/08 13:55
M&A-110	NRJ2864-05	10/23/08 11:15
M&A-112	NRJ2864-06	10/23/08 08:25
M&A-113	NRJ2864-07	10/23/08 09:30
M&A-119	NRJ2864-08	10/23/08 09:40
M&A-126	NRJ2864-09	10/23/08 08:30
M&A-301	NRJ2864-10	10/22/08 14:30
Trip Blank	NRJ2864-11	10/23/08 00:01

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Illinois Certification Number: 200010

RELEASED
9/21/20 – 2020-003646
TJW per CLM

The Chain(s) of Custody, 4 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainty is available upon request.
This report has been electronically signed.
Report Approved By:

Roxanne L. Connor

Roxanne Connor

Program Manager - Conventional Accounts

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2864-01 (MCA-2 - Ground Water) Sampled: 10/23/08 12:00								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/29/08 16:25	SW846 8082	8104752
PCB-1221	ND		ug/L	0.500	1	10/29/08 16:25	SW846 8082	8104752
PCB-1232	ND		ug/L	0.500	1	10/29/08 16:25	SW846 8082	8104752
PCB-1242	ND		ug/L	0.500	1	10/29/08 16:25	SW846 8082	8104752
PCB-1248	ND		ug/L	0.500	1	10/29/08 16:25	SW846 8082	8104752
PCB-1254	ND		ug/L	0.500	1	10/29/08 16:25	SW846 8082	8104752
PCB-1260	ND		ug/L	0.500	1	10/29/08 16:25	SW846 8082	8104752
Surr: Tetrachloro-meta-xylene (29-137%)	*86 %*					*10/29/08 16:25*	*SW846 8082*	*8104752*
Surr: Decachlorobiphenyl (10-146%)	*36 %*					*10/29/08 16:25*	*SW846 8082*	*8104752*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/29/08 14:08	SW846 8260B	8104822
Benzene	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
Bromobenzene	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
Bromochloromethane	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
Bromodichloromethane	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
Bromoform	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
Bromomethane	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
2-Butanone	ND		ug/L	50.0	1	10/29/08 14:08	SW846 8260B	8104822
sec-Butylbenzene	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
n-Butylbenzene	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
tert-Butylbenzene	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
Carbon disulfide	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
Carbon Tetrachloride	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
Chlorobenzene	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
Chlorodibromomethane	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
Chloroethane	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
Chloroform	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
Chloromethane	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
2-Chlorotoluene	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
4-Chlorotoluene	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/29/08 14:08	SW846 8260B	8104822
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
Dibromomethane	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
1,1-Dichloroethane	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
1,2-Dichloroethane	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
cis-1,2-Dichloroethene	**2.05**		ug/L	1.00	1	10/30/08 13:59	SW846 8260B	8105101
1,1-Dichloroethene	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
1,3-Dichloropropane	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2864-01 (MCA-2 - Ground Water) - cont. Sampled: 10/23/08 12:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloropropane	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
2,2-Dichloropropane	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
1,1-Dichloropropene	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
Ethylbenzene	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
Hexachlorobutadiene	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
2-Hexanone	ND		ug/L	50.0	1	10/29/08 14:08	SW846 8260B	8104822
Isopropylbenzene	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
p-Isopropyltoluene	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
Methylene Chloride	ND		ug/L	5.00	1	10/29/08 14:08	SW846 8260B	8104822
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/29/08 14:08	SW846 8260B	8104822
Naphthalene	ND		ug/L	5.00	1	10/29/08 14:08	SW846 8260B	8104822
n-Propylbenzene	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
Styrene	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
Tetrachloroethene	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
Toluene	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
Trichloroethene	**15.3**		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
Trichlorofluoromethane	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
Vinyl chloride	ND		ug/L	1.00	1	10/29/08 14:08	SW846 8260B	8104822
Xylenes, total	ND		ug/L	3.00	1	10/29/08 14:08	SW846 8260B	8104822
Surr: 1,2-Dichloroethane-d4 (60-140%)	*108 %*					*10/29/08 14:08*	*SW846 8260B*	*8104822*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*111 %*					*10/30/08 13:59*	*SW846 8260B*	*8105101*
Surr: Dibromofluoromethane (75-124%)	*98 %*					*10/29/08 14:08*	*SW846 8260B*	*8104822*
Surr: Dibromofluoromethane (75-124%)	*103 %*					*10/30/08 13:59*	*SW846 8260B*	*8105101*
Surr: Toluene-d8 (78-121%)	*104 %*					*10/29/08 14:08*	*SW846 8260B*	*8104822*
Surr: Toluene-d8 (78-121%)	*98 %*					*10/30/08 13:59*	*SW846 8260B*	*8105101*
Surr: 4-Bromofluorobenzene (79-124%)	*102 %*					*10/29/08 14:08*	*SW846 8260B*	*8104822*
Surr: 4-Bromofluorobenzene (79-124%)	*103 %*					*10/30/08 13:59*	*SW846 8260B*	*8105101*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2864-02 (M&A-103 - Ground Water) Sampled: 10/23/08 10:25								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/29/08 16:45	SW846 8082	8104752
PCB-1221	ND		ug/L	0.500	1	10/29/08 16:45	SW846 8082	8104752
PCB-1232	ND		ug/L	0.500	1	10/29/08 16:45	SW846 8082	8104752
PCB-1242	ND		ug/L	0.500	1	10/29/08 16:45	SW846 8082	8104752
PCB-1248	ND		ug/L	0.500	1	10/29/08 16:45	SW846 8082	8104752
PCB-1254	ND		ug/L	0.500	1	10/29/08 16:45	SW846 8082	8104752
PCB-1260	ND		ug/L	0.500	1	10/29/08 16:45	SW846 8082	8104752
Surr: Tetrachloro-meta-xylene (29-137%)	*91 %*					*10/29/08 16:45*	*SW846 8082*	*8104752*
Surr: Decachlorobiphenyl (10-146%)	*32 %*					*10/29/08 16:45*	*SW846 8082*	*8104752*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/29/08 14:37	SW846 8260B	8104822
Benzene	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
Bromobenzene	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
Bromochloromethane	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
Bromodichloromethane	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
Bromoform	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
Bromomethane	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
2-Butanone	ND		ug/L	50.0	1	10/29/08 14:37	SW846 8260B	8104822
sec-Butylbenzene	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
n-Butylbenzene	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
tert-Butylbenzene	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
Carbon disulfide	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
Carbon Tetrachloride	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
Chlorobenzene	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
Chlorodibromomethane	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
Chloroethane	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
Chloroform	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
Chloromethane	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
2-Chlorotoluene	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
4-Chlorotoluene	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/29/08 14:37	SW846 8260B	8104822
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
Dibromomethane	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
1,1-Dichloroethane	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
1,2-Dichloroethane	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
cis-1,2-Dichloroethene	**75.4**		ug/L	10.0	10	10/30/08 16:47	SW846 8260B	8105101
1,1-Dichloroethene	**1.95**		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
trans-1,2-Dichloroethene	**3.03**		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
1,3-Dichloropropane	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2864-02 (M&A-103 - Ground Water) - cont. Sampled: 10/23/08 10:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloropropane	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
2,2-Dichloropropane	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
1,1-Dichloropropene	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
Ethylbenzene	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
Hexachlorobutadiene	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
2-Hexanone	ND		ug/L	50.0	1	10/29/08 14:37	SW846 8260B	8104822
Isopropylbenzene	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
p-Isopropyltoluene	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
Methylene Chloride	ND		ug/L	5.00	1	10/29/08 14:37	SW846 8260B	8104822
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/29/08 14:37	SW846 8260B	8104822
Naphthalene	ND		ug/L	5.00	1	10/29/08 14:37	SW846 8260B	8104822
n-Propylbenzene	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
Styrene	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
Tetrachloroethene	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
Toluene	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
Trichloroethene	**5.66**		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
Trichlorofluoromethane	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/29/08 14:37	SW846 8260B	8104822
Vinyl chloride	**334**		ug/L	10.0	10	10/30/08 16:47	SW846 8260B	8105101
Xylenes, total	ND		ug/L	3.00	1	10/29/08 14:37	SW846 8260B	8104822
Surr: 1,2-Dichloroethane-d4 (60-140%)	*111 %*					*10/29/08 14:37*	*SW846 8260B*	*8104822*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*121 %*					*10/30/08 16:47*	*SW846 8260B*	*8105101*
Surr: Dibromofluoromethane (75-124%)	*102 %*					*10/29/08 14:37*	*SW846 8260B*	*8104822*
Surr: Dibromofluoromethane (75-124%)	*109 %*					*10/30/08 16:47*	*SW846 8260B*	*8105101*
Surr: Toluene-d8 (78-121%)	*103 %*					*10/29/08 14:37*	*SW846 8260B*	*8104822*
Surr: Toluene-d8 (78-121%)	*97 %*					*10/30/08 16:47*	*SW846 8260B*	*8105101*
Surr: 4-Bromofluorobenzene (79-124%)	*103 %*					*10/29/08 14:37*	*SW846 8260B*	*8104822*
Surr: 4-Bromofluorobenzene (79-124%)	*108 %*					*10/30/08 16:47*	*SW846 8260B*	*8105101*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2864-03 (M&A-104 - Ground Water) Sampled: 10/23/08 10:25								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/29/08 17:06	SW846 8082	8104752
PCB-1221	ND		ug/L	0.500	1	10/29/08 17:06	SW846 8082	8104752
PCB-1232	ND		ug/L	0.500	1	10/29/08 17:06	SW846 8082	8104752
PCB-1242	ND		ug/L	0.500	1	10/29/08 17:06	SW846 8082	8104752
PCB-1248	**0.592**		ug/L	0.500	1	10/29/08 17:06	SW846 8082	8104752
PCB-1254	ND		ug/L	0.500	1	10/29/08 17:06	SW846 8082	8104752
PCB-1260	ND		ug/L	0.500	1	10/29/08 17:06	SW846 8082	8104752
Surr: Tetrachloro-meta-xylene (29-137%)	*84 %*					*10/29/08 17:06*	*SW846 8082*	*8104752*
Surr: Decachlorobiphenyl (10-146%)	*58 %*					*10/29/08 17:06*	*SW846 8082*	*8104752*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/29/08 15:06	SW846 8260B	8104822
Benzene	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
Bromobenzene	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
Bromochloromethane	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
Bromodichloromethane	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
Bromoform	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
Bromomethane	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
2-Butanone	ND		ug/L	50.0	1	10/29/08 15:06	SW846 8260B	8104822
sec-Butylbenzene	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
n-Butylbenzene	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
tert-Butylbenzene	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
Carbon disulfide	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
Carbon Tetrachloride	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
Chlorobenzene	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
Chlorodibromomethane	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
Chloroethane	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
Chloroform	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
Chloromethane	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
2-Chlorotoluene	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
4-Chlorotoluene	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/29/08 15:06	SW846 8260B	8104822
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
Dibromomethane	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
1,2-Dichlorobenzene	**1.08**	L1	ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
1,1-Dichloroethane	**9.07**	L1	ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
1,2-Dichloroethane	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
cis-1,2-Dichloroethene	**43800**		ug/L	5000	5000	10/30/08 17:43	SW846 8260B	8105101
1,1-Dichloroethene	**151**		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
trans-1,2-Dichloroethene	**825**		ug/L	100	100	10/30/08 17:15	SW846 8260B	8105101
1,3-Dichloropropane	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2864-03 (M&A-104 - Ground Water) - cont. Sampled: 10/23/08 10:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloropropane	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
2,2-Dichloropropane	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
1,1-Dichloropropene	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
Ethylbenzene	**4.07**		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
Hexachlorobutadiene	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
2-Hexanone	ND		ug/L	50.0	1	10/29/08 15:06	SW846 8260B	8104822
Isopropylbenzene	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
p-Isopropyltoluene	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
Methylene Chloride	ND		ug/L	5.00	1	10/29/08 15:06	SW846 8260B	8104822
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/29/08 15:06	SW846 8260B	8104822
Naphthalene	ND		ug/L	5.00	1	10/29/08 15:06	SW846 8260B	8104822
n-Propylbenzene	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
Styrene	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
Tetrachloroethene	**950**		ug/L	100	100	10/31/08 14:06	SW846 8260B	8105321
Toluene	**77.2**		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
Trichloroethene	**261000**		ug/L	5000	5000	10/30/08 17:43	SW846 8260B	8105101
Trichlorofluoromethane	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
1,2,4-Trimethylbenzene	**1.20**	L1	ug/L	1.00	1	10/29/08 15:06	SW846 8260B	8104822
Vinyl chloride	**1860**		ug/L	100	100	10/30/08 17:15	SW846 8260B	8105101
Xylenes, total	**14.1**		ug/L	3.00	1	10/29/08 15:06	SW846 8260B	8104822
Surr: 1,2-Dichloroethane-d4 (60-140%)	*114 %*					*10/29/08 15:06*	*SW846 8260B*	*8104822*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*117 %*					*10/30/08 17:15*	*SW846 8260B*	*8105101*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*123 %*					*10/30/08 17:43*	*SW846 8260B*	*8105101*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*108 %*					*10/31/08 14:06*	*SW846 8260B*	*8105321*
Surr: Dibromofluoromethane (75-124%)	*100 %*					*10/29/08 15:06*	*SW846 8260B*	*8104822*
Surr: Dibromofluoromethane (75-124%)	*109 %*					*10/30/08 17:15*	*SW846 8260B*	*8105101*
Surr: Dibromofluoromethane (75-124%)	*113 %*					*10/30/08 17:43*	*SW846 8260B*	*8105101*
Surr: Dibromofluoromethane (75-124%)	*107 %*					*10/31/08 14:06*	*SW846 8260B*	*8105321*
Surr: Toluene-d8 (78-121%)	*107 %*					*10/29/08 15:06*	*SW846 8260B*	*8104822*
Surr: Toluene-d8 (78-121%)	*97 %*					*10/30/08 17:15*	*SW846 8260B*	*8105101*
Surr: Toluene-d8 (78-121%)	*99 %*					*10/30/08 17:43*	*SW846 8260B*	*8105101*
Surr: Toluene-d8 (78-121%)	*96 %*					*10/31/08 14:06*	*SW846 8260B*	*8105321*
Surr: 4-Bromofluorobenzene (79-124%)	*105 %*					*10/29/08 15:06*	*SW846 8260B*	*8104822*
Surr: 4-Bromofluorobenzene (79-124%)	*116 %*					*10/30/08 17:15*	*SW846 8260B*	*8105101*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2864-03 (M&A-104 - Ground Water) - cont. Sampled: 10/23/08 10:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: 4-Bromofluorobenzene (79-124%)	*116 %*					*10/30/08 17:43*	*SW846 8260B*	*8105101*
Surr: 4-Bromofluorobenzene (79-124%)	*99 %*					*10/31/08 14:06*	*SW846 8260B*	*8105321*
Sample ID: NRJ2864-04 (M&A-105 - Ground Water) Sampled: 10/23/08 13:55								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/29/08 15:35	SW846 8260B	8104822
Benzene	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
Bromobenzene	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
Bromochloromethane	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
Bromodichloromethane	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
Bromoform	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
Bromomethane	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
2-Butanone	ND		ug/L	50.0	1	10/29/08 15:35	SW846 8260B	8104822
sec-Butylbenzene	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
n-Butylbenzene	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
tert-Butylbenzene	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
Carbon disulfide	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
Carbon Tetrachloride	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
Chlorobenzene	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
Chlorodibromomethane	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
Chloroethane	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
Chloroform	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
Chloromethane	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
2-Chlorotoluene	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
4-Chlorotoluene	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/29/08 15:35	SW846 8260B	8104822
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
Dibromomethane	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
1,1-Dichloroethane	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
1,2-Dichloroethane	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
cis-1,2-Dichloroethene	**127**		ug/L	1.00	1	10/30/08 14:27	SW846 8260B	8105101
1,1-Dichloroethene	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
trans-1,2-Dichloroethene	**3.24**		ug/L	1.00	1	10/30/08 14:27	SW846 8260B	8105101
1,3-Dichloropropane	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
1,2-Dichloropropane	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
2,2-Dichloropropane	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
1,1-Dichloropropene	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2864-04 (M&A-105 - Ground Water) - cont. Sampled: 10/23/08 13:55								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Ethylbenzene	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
Hexachlorobutadiene	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
2-Hexanone	ND		ug/L	50.0	1	10/29/08 15:35	SW846 8260B	8104822
Isopropylbenzene	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
p-Isopropyltoluene	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
Methylene Chloride	ND		ug/L	5.00	1	10/29/08 15:35	SW846 8260B	8104822
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/29/08 15:35	SW846 8260B	8104822
Naphthalene	ND		ug/L	5.00	1	10/29/08 15:35	SW846 8260B	8104822
n-Propylbenzene	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
Styrene	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
Tetrachloroethene	ND		ug/L	1.00	1	10/31/08 13:51	SW846 8260B	8105387
Toluene	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
Trichloroethene	**4.67**		ug/L	1.00	1	10/30/08 14:27	SW846 8260B	8105101
Trichlorofluoromethane	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/29/08 15:35	SW846 8260B	8104822
Vinyl chloride	**151**		ug/L	1.00	1	10/30/08 14:27	SW846 8260B	8105101
Xylenes, total	ND		ug/L	3.00	1	10/29/08 15:35	SW846 8260B	8104822
Surr: 1,2-Dichloroethane-d4 (60-140%)	*106 %*					*10/29/08 15:35*	*SW846 8260B*	*8104822*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*114 %*					*10/30/08 14:27*	*SW846 8260B*	*8105101*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*102 %*					*10/31/08 13:51*	*SW846 8260B*	*8105387*
Surr: Dibromofluoromethane (75-124%)	*100 %*					*10/29/08 15:35*	*SW846 8260B*	*8104822*
Surr: Dibromofluoromethane (75-124%)	*106 %*					*10/30/08 14:27*	*SW846 8260B*	*8105101*
Surr: Dibromofluoromethane (75-124%)	*103 %*					*10/31/08 13:51*	*SW846 8260B*	*8105387*
Surr: Toluene-d8 (78-121%)	*100 %*					*10/29/08 15:35*	*SW846 8260B*	*8104822*
Surr: Toluene-d8 (78-121%)	*100 %*					*10/30/08 14:27*	*SW846 8260B*	*8105101*
Surr: Toluene-d8 (78-121%)	*98 %*					*10/31/08 13:51*	*SW846 8260B*	*8105387*
Surr: 4-Bromofluorobenzene (79-124%)	*102 %*					*10/29/08 15:35*	*SW846 8260B*	*8104822*
Surr: 4-Bromofluorobenzene (79-124%)	*107 %*					*10/30/08 14:27*	*SW846 8260B*	*8105101*
Surr: 4-Bromofluorobenzene (79-124%)	*104 %*					*10/31/08 13:51*	*SW846 8260B*	*8105387*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2864-05 (M&A-110 - Ground Water) Sampled: 10/23/08 11:15								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/29/08 17:26	SW846 8082	8104752
PCB-1221	ND		ug/L	0.500	1	10/29/08 17:26	SW846 8082	8104752
PCB-1232	ND		ug/L	0.500	1	10/29/08 17:26	SW846 8082	8104752
PCB-1242	ND		ug/L	0.500	1	10/29/08 17:26	SW846 8082	8104752
PCB-1248	**0.848**		ug/L	0.500	1	10/29/08 17:26	SW846 8082	8104752
PCB-1254	ND		ug/L	0.500	1	10/29/08 17:26	SW846 8082	8104752
PCB-1260	ND		ug/L	0.500	1	10/29/08 17:26	SW846 8082	8104752
Surr: Tetrachloro-meta-xylene (29-137%)	*88 %*					*10/29/08 17:26*	*SW846 8082*	*8104752*
Surr: Decachlorobiphenyl (10-146%)	*44 %*					*10/29/08 17:26*	*SW846 8082*	*8104752*
Sample ID: NRJ2864-06 (M&A-112 - Ground Water) Sampled: 10/23/08 08:25								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/29/08 17:46	SW846 8082	8104752
PCB-1221	ND		ug/L	0.500	1	10/29/08 17:46	SW846 8082	8104752
PCB-1232	ND		ug/L	0.500	1	10/29/08 17:46	SW846 8082	8104752
PCB-1242	ND		ug/L	0.500	1	10/29/08 17:46	SW846 8082	8104752
PCB-1248	**1.02**		ug/L	0.500	1	10/29/08 17:46	SW846 8082	8104752
PCB-1254	ND		ug/L	0.500	1	10/29/08 17:46	SW846 8082	8104752
PCB-1260	ND		ug/L	0.500	1	10/29/08 17:46	SW846 8082	8104752
Surr: Tetrachloro-meta-xylene (29-137%)	*86 %*					*10/29/08 17:46*	*SW846 8082*	*8104752*
Surr: Decachlorobiphenyl (10-146%)	*49 %*					*10/29/08 17:46*	*SW846 8082*	*8104752*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/29/08 16:03	SW846 8260B	8104822
Benzene	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
Bromobenzene	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
Bromochloromethane	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
Bromodichloromethane	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
Bromoform	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
Bromomethane	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
2-Butanone	ND		ug/L	50.0	1	10/29/08 16:03	SW846 8260B	8104822
sec-Butylbenzene	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
n-Butylbenzene	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
tert-Butylbenzene	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
Carbon disulfide	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
Carbon Tetrachloride	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
Chlorobenzene	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
Chlorodibromomethane	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
Chloroethane	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
Chloroform	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
Chloromethane	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
2-Chlorotoluene	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
4-Chlorotoluene	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/29/08 16:03	SW846 8260B	8104822

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2864-06 (M&A-112 - Ground Water) - cont. Sampled: 10/23/08 08:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
Dibromomethane	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
1,1-Dichloroethane	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
1,2-Dichloroethane	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
cis-1,2-Dichloroethene	**5860**		ug/L	50.0	50	10/30/08 18:11	SW846 8260B	8105101
1,1-Dichloroethene	**44.6**		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
trans-1,2-Dichloroethene	**57.5**		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
1,3-Dichloropropane	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
1,2-Dichloropropane	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
2,2-Dichloropropane	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
1,1-Dichloropropene	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
Ethylbenzene	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
Hexachlorobutadiene	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
2-Hexanone	ND		ug/L	50.0	1	10/29/08 16:03	SW846 8260B	8104822
Isopropylbenzene	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
p-Isopropyltoluene	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
Methylene Chloride	ND		ug/L	5.00	1	10/29/08 16:03	SW846 8260B	8104822
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/29/08 16:03	SW846 8260B	8104822
Naphthalene	ND		ug/L	5.00	1	10/29/08 16:03	SW846 8260B	8104822
n-Propylbenzene	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
Styrene	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
Tetrachloroethene	**240**	B	ug/L	50.0	50	10/30/08 18:11	SW846 8260B	8105101
Toluene	**1.74**		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
Trichloroethene	**1420**		ug/L	50.0	50	10/30/08 18:11	SW846 8260B	8105101
Trichlorofluoromethane	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
1,3,5-Trimethylbenzene	**1.22**	L1	ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
1,2,4-Trimethylbenzene	**4.34**	L1	ug/L	1.00	1	10/29/08 16:03	SW846 8260B	8104822
Vinyl chloride	**468**		ug/L	50.0	50	10/30/08 18:11	SW846 8260B	8105101
Xylenes, total	ND		ug/L	3.00	1	10/29/08 16:03	SW846 8260B	8104822

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2864-06 (M&A-112 - Ground Water) - cont. Sampled: 10/23/08 08:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: 1,2-Dichloroethane-d4 (60-140%)	*108 %*					*10/29/08 16:03*	*SW846 8260B*	*8104822*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*121 %*					*10/30/08 18:11*	*SW846 8260B*	*8105101*
Surr: Dibromofluoromethane (75-124%)	*99 %*					*10/29/08 16:03*	*SW846 8260B*	*8104822*
Surr: Dibromofluoromethane (75-124%)	*110 %*					*10/30/08 18:11*	*SW846 8260B*	*8105101*
Surr: Toluene-d8 (78-121%)	*99 %*					*10/29/08 16:03*	*SW846 8260B*	*8104822*
Surr: Toluene-d8 (78-121%)	*98 %*					*10/30/08 18:11*	*SW846 8260B*	*8105101*
Surr: 4-Bromofluorobenzene (79-124%)	*101 %*					*10/29/08 16:03*	*SW846 8260B*	*8104822*
Surr: 4-Bromofluorobenzene (79-124%)	*113 %*					*10/30/08 18:11*	*SW846 8260B*	*8105101*
Sample ID: NRJ2864-07 (M&A-113 - Ground Water) Sampled: 10/23/08 09:30								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/29/08 18:07	SW846 8082	8104752
PCB-1221	ND		ug/L	0.500	1	10/29/08 18:07	SW846 8082	8104752
PCB-1232	ND		ug/L	0.500	1	10/29/08 18:07	SW846 8082	8104752
PCB-1242	ND		ug/L	0.500	1	10/29/08 18:07	SW846 8082	8104752
PCB-1248	**5.28**		ug/L	0.500	1	10/29/08 18:07	SW846 8082	8104752
PCB-1254	ND		ug/L	0.500	1	10/29/08 18:07	SW846 8082	8104752
PCB-1260	ND		ug/L	0.500	1	10/29/08 18:07	SW846 8082	8104752
Surr: Tetrachloro-meta-xylene (29-137%)	*82 %*					*10/29/08 18:07*	*SW846 8082*	*8104752*
Surr: Decachlorobiphenyl (10-146%)	*46 %*					*10/29/08 18:07*	*SW846 8082*	*8104752*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/29/08 17:59	SW846 8260B	8104822
Benzene	**3.02**		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
Bromobenzene	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
Bromochloromethane	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
Bromodichloromethane	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
Bromoform	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
Bromomethane	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
2-Butanone	ND		ug/L	50.0	1	10/29/08 17:59	SW846 8260B	8104822
sec-Butylbenzene	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
n-Butylbenzene	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
tert-Butylbenzene	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
Carbon disulfide	**1.47**	L1	ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
Carbon Tetrachloride	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
Chlorobenzene	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
Chlorodibromomethane	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
Chloroethane	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
Chloroform	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
Chloromethane	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
2-Chlorotoluene	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
4-Chlorotoluene	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/29/08 17:59	SW846 8260B	8104822
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
Dibromomethane	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2864-07 (M&A-113 - Ground Water) - cont. Sampled: 10/23/08 09:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
1,2-Dichlorobenzene	**1.40**	L1	ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
1,1-Dichloroethane	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
1,2-Dichloroethane	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
cis-1,2-Dichloroethene	**461**		ug/L	10.0	10	10/30/08 18:39	SW846 8260B	8105101
1,1-Dichloroethene	**68.8**		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
trans-1,2-Dichloroethene	**73.9**		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
1,3-Dichloropropane	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
1,2-Dichloropropane	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
2,2-Dichloropropane	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
1,1-Dichloropropene	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
Ethylbenzene	**9.33**		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
Hexachlorobutadiene	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
2-Hexanone	ND		ug/L	50.0	1	10/29/08 17:59	SW846 8260B	8104822
Isopropylbenzene	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
p-Isopropyltoluene	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
Methylene Chloride	ND		ug/L	5.00	1	10/29/08 17:59	SW846 8260B	8104822
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/29/08 17:59	SW846 8260B	8104822
Naphthalene	ND		ug/L	5.00	1	10/29/08 17:59	SW846 8260B	8104822
n-Propylbenzene	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
Styrene	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
Tetrachloroethene	**197**	B	ug/L	10.0	10	10/30/08 18:39	SW846 8260B	8105101
Toluene	**140**		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
Trichloroethene	**487000**		ug/L	5000	5000	10/30/08 19:07	SW846 8260B	8105101
Trichlorofluoromethane	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
1,3,5-Trimethylbenzene	**1.15**	L1	ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
1,2,4-Trimethylbenzene	**4.06**	L1	ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
Vinyl chloride	**36.3**		ug/L	1.00	1	10/29/08 17:59	SW846 8260B	8104822
Xylenes, total	**40.9**		ug/L	3.00	1	10/29/08 17:59	SW846 8260B	8104822
Surr: 1,2-Dichloroethane-d4 (60-140%)	*109 %*					*10/29/08 17:59*	*SW846 8260B*	*8104822*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*124 %*					*10/30/08 18:39*	*SW846 8260B*	*8105101*

Client:	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2864-07 (M&A-113 - Ground Water) - cont. Sampled: 10/23/08 09:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: 1,2-Dichloroethane-d4 (60-140%)	*122 %*					*10/30/08 19:07*	*SW846 8260B*	*8105101*
Surr: Dibromofluoromethane (75-124%)	*96 %*					*10/29/08 17:59*	*SW846 8260B*	*8104822*
Surr: Dibromofluoromethane (75-124%)	*111 %*					*10/30/08 18:39*	*SW846 8260B*	*8105101*
Surr: Dibromofluoromethane (75-124%)	*109 %*					*10/30/08 19:07*	*SW846 8260B*	*8105101*
Surr: Toluene-d8 (78-121%)	*98 %*					*10/29/08 17:59*	*SW846 8260B*	*8104822*
Surr: Toluene-d8 (78-121%)	*100 %*					*10/30/08 18:39*	*SW846 8260B*	*8105101*
Surr: Toluene-d8 (78-121%)	*100 %*					*10/30/08 19:07*	*SW846 8260B*	*8105101*
Surr: 4-Bromofluorobenzene (79-124%)	*102 %*					*10/29/08 17:59*	*SW846 8260B*	*8104822*
Surr: 4-Bromofluorobenzene (79-124%)	*107 %*					*10/30/08 18:39*	*SW846 8260B*	*8105101*
Surr: 4-Bromofluorobenzene (79-124%)	*118 %*					*10/30/08 19:07*	*SW846 8260B*	*8105101*
Sample ID: NRJ2864-08 (M&A-119 - Ground Water) Sampled: 10/23/08 09:40								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/29/08 16:32	SW846 8260B	8104822
Benzene	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
Bromobenzene	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
Bromochloromethane	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
Bromodichloromethane	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
Bromoform	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
Bromomethane	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
2-Butanone	ND		ug/L	50.0	1	10/29/08 16:32	SW846 8260B	8104822
sec-Butylbenzene	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
n-Butylbenzene	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
tert-Butylbenzene	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
Carbon disulfide	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
Carbon Tetrachloride	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
Chlorobenzene	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
Chlorodibromomethane	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
Chloroethane	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
Chloroform	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
Chloromethane	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
2-Chlorotoluene	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
4-Chlorotoluene	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/29/08 16:32	SW846 8260B	8104822
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
Dibromomethane	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
1,1-Dichloroethane	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
1,2-Dichloroethane	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
cis-1,2-Dichloroethene	**4.77**		ug/L	1.00	1	10/30/08 14:55	SW846 8260B	8105101
1,1-Dichloroethene	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822

Client	Mabbett & Associates, Inc. (10615) 5 Alfred Circle Bedford, MA 01730	Work Order:	NRJ2864
		Project Name:	Bodycote
		Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2864-08 (M&A-119 - Ground Water) - cont. Sampled: 10/23/08 09:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
trans-1,2-Dichloroethene	**1.88**		ug/L	1.00	1	10/30/08 14:55	SW846 8260B	8105101
1,3-Dichloropropane	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
1,2-Dichloropropane	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
2,2-Dichloropropane	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
1,1-Dichloropropene	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
Ethylbenzene	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
Hexachlorobutadiene	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
2-Hexanone	ND		ug/L	50.0	1	10/29/08 16:32	SW846 8260B	8104822
Isopropylbenzene	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
p-Isopropyltoluene	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
Methylene Chloride	ND		ug/L	5.00	1	10/29/08 16:32	SW846 8260B	8104822
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/29/08 16:32	SW846 8260B	8104822
Naphthalene	ND		ug/L	5.00	1	10/29/08 16:32	SW846 8260B	8104822
n-Propylbenzene	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
Styrene	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
Tetrachloroethene	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
Toluene	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
Trichloroethene	**6.84**		ug/L	1.00	1	10/30/08 14:55	SW846 8260B	8105101
Trichlorofluoromethane	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
Vinyl chloride	ND		ug/L	1.00	1	10/29/08 16:32	SW846 8260B	8104822
Xylenes, total	ND		ug/L	3.00	1	10/29/08 16:32	SW846 8260B	8104822
Surr: 1,2-Dichloroethane-d4 (60-140%)	*107 %*					*10/29/08 16:32*	*SW846 8260B*	*8104822*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*115 %*					*10/30/08 14:55*	*SW846 8260B*	*8105101*
Surr: Dibromofluoromethane (75-124%)	*101 %*					*10/29/08 16:32*	*SW846 8260B*	*8104822*
Surr: Dibromofluoromethane (75-124%)	*104 %*					*10/30/08 14:55*	*SW846 8260B*	*8105101*
Surr: Toluene-d8 (78-121%)	*103 %*					*10/29/08 16:32*	*SW846 8260B*	*8104822*
Surr: Toluene-d8 (78-121%)	*96 %*					*10/30/08 14:55*	*SW846 8260B*	*8105101*
Surr: 4-Bromofluorobenzene (79-124%)	*101 %*					*10/29/08 16:32*	*SW846 8260B*	*8104822*
Surr: 4-Bromofluorobenzene (79-124%)	*107 %*					*10/30/08 14:55*	*SW846 8260B*	*8105101*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2864-09 (M&A-126 - Ground Water) Sampled: 10/23/08 08:30								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/29/08 18:27	SW846 8082	8104752
PCB-1221	ND		ug/L	0.500	1	10/29/08 18:27	SW846 8082	8104752
PCB-1232	ND		ug/L	0.500	1	10/29/08 18:27	SW846 8082	8104752
PCB-1242	ND		ug/L	0.500	1	10/29/08 18:27	SW846 8082	8104752
PCB-1248	ND		ug/L	0.500	1	10/29/08 18:27	SW846 8082	8104752
PCB-1254	ND		ug/L	0.500	1	10/29/08 18:27	SW846 8082	8104752
PCB-1260	ND		ug/L	0.500	1	10/29/08 18:27	SW846 8082	8104752
Surr: Tetrachloro-meta-xylene (29-137%)	*86 %*					*10/29/08 18:27*	*SW846 8082*	*8104752*
Surr: Decachlorobiphenyl (10-146%)	*51 %*					*10/29/08 18:27*	*SW846 8082*	*8104752*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/29/08 17:01	SW846 8260B	8104822
Benzene	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
Bromobenzene	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
Bromochloromethane	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
Bromodichloromethane	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
Bromoform	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
Bromomethane	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
2-Butanone	ND		ug/L	50.0	1	10/29/08 17:01	SW846 8260B	8104822
sec-Butylbenzene	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
n-Butylbenzene	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
tert-Butylbenzene	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
Carbon disulfide	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
Carbon Tetrachloride	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
Chlorobenzene	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
Chlorodibromomethane	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
Chloroethane	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
Chloroform	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
Chloromethane	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
2-Chlorotoluene	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
4-Chlorotoluene	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/29/08 17:01	SW846 8260B	8104822
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
Dibromomethane	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
1,1-Dichloroethane	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
1,2-Dichloroethane	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/30/08 15:23	SW846 8260B	8105101
1,1-Dichloroethene	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
1,3-Dichloropropane	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2864-09 (M&A-126 - Ground Water) - cont. Sampled: 10/23/08 08:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloropropane	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
2,2-Dichloropropane	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
1,1-Dichloropropene	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
Ethylbenzene	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
Hexachlorobutadiene	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
2-Hexanone	ND		ug/L	50.0	1	10/29/08 17:01	SW846 8260B	8104822
Isopropylbenzene	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
p-Isopropyltoluene	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
Methylene Chloride	ND		ug/L	5.00	1	10/29/08 17:01	SW846 8260B	8104822
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/29/08 17:01	SW846 8260B	8104822
Naphthalene	ND		ug/L	5.00	1	10/29/08 17:01	SW846 8260B	8104822
n-Propylbenzene	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
Styrene	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
Tetrachloroethene	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
Toluene	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
Trichloroethene	ND		ug/L	1.00	1	10/30/08 15:23	SW846 8260B	8105101
Trichlorofluoromethane	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
Vinyl chloride	ND		ug/L	1.00	1	10/29/08 17:01	SW846 8260B	8104822
Xylenes, total	ND		ug/L	3.00	1	10/29/08 17:01	SW846 8260B	8104822
Surr: 1,2-Dichloroethane-d4 (60-140%)	*108 %*					*10/29/08 17:01*	*SW846 8260B*	*8104822*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*115 %*					*10/30/08 15:23*	*SW846 8260B*	*8105101*
Surr: Dibromofluoromethane (75-124%)	*99 %*					*10/29/08 17:01*	*SW846 8260B*	*8104822*
Surr: Dibromofluoromethane (75-124%)	*105 %*					*10/30/08 15:23*	*SW846 8260B*	*8105101*
Surr: Toluene-d8 (78-121%)	*120 %*					*10/29/08 17:01*	*SW846 8260B*	*8104822*
Surr: Toluene-d8 (78-121%)	*97 %*					*10/30/08 15:23*	*SW846 8260B*	*8105101*
Surr: 4-Bromofluorobenzene (79-124%)	*102 %*					*10/29/08 17:01*	*SW846 8260B*	*8104822*
Surr: 4-Bromofluorobenzene (79-124%)	*103 %*					*10/30/08 15:23*	*SW846 8260B*	*8105101*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2864-10 (M&A-301 - Ground Water) Sampled: 10/22/08 14:30								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/29/08 18:47	SW846 8082	8104752
PCB-1221	ND		ug/L	0.500	1	10/29/08 18:47	SW846 8082	8104752
PCB-1232	ND		ug/L	0.500	1	10/29/08 18:47	SW846 8082	8104752
PCB-1242	ND		ug/L	0.500	1	10/29/08 18:47	SW846 8082	8104752
PCB-1248	ND		ug/L	0.500	1	10/29/08 18:47	SW846 8082	8104752
PCB-1254	ND		ug/L	0.500	1	10/29/08 18:47	SW846 8082	8104752
PCB-1260	ND		ug/L	0.500	1	10/29/08 18:47	SW846 8082	8104752
Surr: Tetrachloro-meta-xylene (29-137%)	*87 %*					*10/29/08 18:47*	*SW846 8082*	*8104752*
Surr: Decachlorobiphenyl (10-146%)	*30 %*					*10/29/08 18:47*	*SW846 8082*	*8104752*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/29/08 17:30	SW846 8260B	8104822
Benzene	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
Bromobenzene	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
Bromochloromethane	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
Bromodichloromethane	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
Bromoform	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
Bromomethane	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
2-Butanone	ND		ug/L	50.0	1	10/29/08 17:30	SW846 8260B	8104822
sec-Butylbenzene	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
n-Butylbenzene	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
tert-Butylbenzene	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
Carbon disulfide	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
Carbon Tetrachloride	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
Chlorobenzene	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
Chlorodibromomethane	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
Chloroethane	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
Chloroform	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
Chloromethane	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
2-Chlorotoluene	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
4-Chlorotoluene	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/29/08 17:30	SW846 8260B	8104822
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
Dibromomethane	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
1,1-Dichloroethane	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
1,2-Dichloroethane	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/30/08 15:51	SW846 8260B	8105101
1,1-Dichloroethene	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
1,3-Dichloropropane	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2864-10 (M&A-301 - Ground Water) - cont. Sampled: 10/22/08 14:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloropropane	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
2,2-Dichloropropane	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
1,1-Dichloropropene	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
Ethylbenzene	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
Hexachlorobutadiene	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
2-Hexanone	ND		ug/L	50.0	1	10/29/08 17:30	SW846 8260B	8104822
Isopropylbenzene	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
p-Isopropyltoluene	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
Methylene Chloride	ND		ug/L	5.00	1	10/29/08 17:30	SW846 8260B	8104822
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/29/08 17:30	SW846 8260B	8104822
Naphthalene	ND		ug/L	5.00	1	10/29/08 17:30	SW846 8260B	8104822
n-Propylbenzene	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
Styrene	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
Tetrachloroethene	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
Toluene	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
Trichloroethene	ND		ug/L	1.00	1	10/30/08 15:51	SW846 8260B	8105101
Trichlorofluoromethane	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
Vinyl chloride	ND		ug/L	1.00	1	10/29/08 17:30	SW846 8260B	8104822
Xylenes, total	ND		ug/L	3.00	1	10/29/08 17:30	SW846 8260B	8104822
Surr: 1,2-Dichloroethane-d4 (60-140%)	*110 %*					*10/29/08 17:30*	*SW846 8260B*	*8104822*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*115 %*					*10/30/08 15:51*	*SW846 8260B*	*8105101*
Surr: Dibromofluoromethane (75-124%)	*102 %*					*10/29/08 17:30*	*SW846 8260B*	*8104822*
Surr: Dibromofluoromethane (75-124%)	*108 %*					*10/30/08 15:51*	*SW846 8260B*	*8105101*
Surr: Toluene-d8 (78-121%)	*102 %*					*10/29/08 17:30*	*SW846 8260B*	*8104822*
Surr: Toluene-d8 (78-121%)	*99 %*					*10/30/08 15:51*	*SW846 8260B*	*8105101*
Surr: 4-Bromofluorobenzene (79-124%)	*102 %*					*10/29/08 17:30*	*SW846 8260B*	*8104822*
Surr: 4-Bromofluorobenzene (79-124%)	*107 %*					*10/30/08 15:51*	*SW846 8260B*	*8105101*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2864-11 (Trip Blank - Water) Sampled: 10/23/08 00:01								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/29/08 13:39	SW846 8260B	8104822
Benzene	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
Bromobenzene	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
Bromochloromethane	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
Bromodichloromethane	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
Bromoform	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
Bromomethane	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
2-Butanone	ND		ug/L	50.0	1	10/29/08 13:39	SW846 8260B	8104822
sec-Butylbenzene	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
n-Butylbenzene	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
tert-Butylbenzene	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
Carbon disulfide	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
Carbon Tetrachloride	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
Chlorobenzene	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
Chlorodibromomethane	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
Chloroethane	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
Chloroform	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
Chloromethane	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
2-Chlorotoluene	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
4-Chlorotoluene	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/29/08 13:39	SW846 8260B	8104822
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
Dibromomethane	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
1,1-Dichloroethane	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
1,2-Dichloroethane	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
1,1-Dichloroethene	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
1,3-Dichloropropane	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
1,2-Dichloropropane	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
2,2-Dichloropropane	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
1,1-Dichloropropene	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
Ethylbenzene	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
Hexachlorobutadiene	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
2-Hexanone	ND		ug/L	50.0	1	10/29/08 13:39	SW846 8260B	8104822
Isopropylbenzene	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
p-Isopropyltoluene	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2864-11 (Trip Blank - Water) - cont. Sampled: 10/23/08 00:01								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
Methylene Chloride	ND		ug/L	5.00	1	10/29/08 13:39	SW846 8260B	8104822
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/29/08 13:39	SW846 8260B	8104822
Naphthalene	ND		ug/L	5.00	1	10/29/08 13:39	SW846 8260B	8104822
n-Propylbenzene	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
Styrene	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
Tetrachloroethene	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
Toluene	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
Trichloroethene	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
Trichlorofluoromethane	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
Vinyl chloride	ND		ug/L	1.00	1	10/29/08 13:39	SW846 8260B	8104822
Xylenes, total	ND		ug/L	3.00	1	10/29/08 13:39	SW846 8260B	8104822
Surr: 1,2-Dichloroethane-d4 (60-140%)	*109 %*					*10/29/08 13:39*	*SW846 8260B*	*8104822*
Surr: Dibromofluoromethane (75-124%)	*101 %*					*10/29/08 13:39*	*SW846 8260B*	*8104822*
Surr: Toluene-d8 (78-121%)	*112 %*					*10/29/08 13:39*	*SW846 8260B*	*8104822*
Surr: 4-Bromofluorobenzene (79-124%)	*103 %*					*10/29/08 13:39*	*SW846 8260B*	*8104822*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Polychlorinated Biphenyls by EPA Method 8082							
SW846 8082	8104752	NRJ2864-01	500.00	2.00	10/29/08 08:45	BHK	EPA 3510C
SW846 8082	8104752	NRJ2864-02	500.00	2.00	10/29/08 08:45	BHK	EPA 3510C
SW846 8082	8104752	NRJ2864-03	500.00	2.00	10/29/08 08:45	BHK	EPA 3510C
SW846 8082	8104752	NRJ2864-05	500.00	2.00	10/29/08 08:45	BHK	EPA 3510C
SW846 8082	8104752	NRJ2864-06	500.00	2.00	10/29/08 08:45	BHK	EPA 3510C
SW846 8082	8104752	NRJ2864-07	500.00	2.00	10/29/08 08:45	BHK	EPA 3510C
SW846 8082	8104752	NRJ2864-09	500.00	2.00	10/29/08 08:45	BHK	EPA 3510C
SW846 8082	8104752	NRJ2864-10	500.00	2.00	10/29/08 08:45	BHK	EPA 3510C

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Polychlorinated Biphenyls by EPA Method 8082						
8104752-BLK1						
PCB-1016	<0.250		ug/L	8104752	8104752-BLK1	10/29/08 15:44
PCB-1221	<0.450		ug/L	8104752	8104752-BLK1	10/29/08 15:44
PCB-1232	<0.440		ug/L	8104752	8104752-BLK1	10/29/08 15:44
PCB-1242	<0.330		ug/L	8104752	8104752-BLK1	10/29/08 15:44
PCB-1248	<0.450		ug/L	8104752	8104752-BLK1	10/29/08 15:44
PCB-1254	<0.460		ug/L	8104752	8104752-BLK1	10/29/08 15:44
PCB-1260	<0.220		ug/L	8104752	8104752-BLK1	10/29/08 15:44
Surrogate: Tetrachloro-meta-xylene	90%			8104752	8104752-BLK1	10/29/08 15:44
Surrogate: Decachlorobiphenyl	57%			8104752	8104752-BLK1	10/29/08 15:44
Volatile Organic Compounds by EPA Method 8260B						
8104822-BLK1						
Acetone	<25.0		ug/L	8104822	8104822-BLK1	10/29/08 10:28
Benzene	<0.270		ug/L	8104822	8104822-BLK1	10/29/08 10:28
Bromobenzene	<0.360		ug/L	8104822	8104822-BLK1	10/29/08 10:28
Bromochloromethane	<0.400		ug/L	8104822	8104822-BLK1	10/29/08 10:28
Bromodichloromethane	<0.350		ug/L	8104822	8104822-BLK1	10/29/08 10:28
Bromoform	<0.430		ug/L	8104822	8104822-BLK1	10/29/08 10:28
Bromomethane	<0.420		ug/L	8104822	8104822-BLK1	10/29/08 10:28
2-Butanone	<2.40		ug/L	8104822	8104822-BLK1	10/29/08 10:28
sec-Butylbenzene	<0.140		ug/L	8104822	8104822-BLK1	10/29/08 10:28
n-Butylbenzene	<0.280		ug/L	8104822	8104822-BLK1	10/29/08 10:28
tert-Butylbenzene	<0.330		ug/L	8104822	8104822-BLK1	10/29/08 10:28
Carbon disulfide	<0.380		ug/L	8104822	8104822-BLK1	10/29/08 10:28
Carbon Tetrachloride	<0.350		ug/L	8104822	8104822-BLK1	10/29/08 10:28
Chlorobenzene	<0.180		ug/L	8104822	8104822-BLK1	10/29/08 10:28
Chlorodibromomethane	<0.280		ug/L	8104822	8104822-BLK1	10/29/08 10:28
Chloroethane	<0.450		ug/L	8104822	8104822-BLK1	10/29/08 10:28
Chloroform	<0.280		ug/L	8104822	8104822-BLK1	10/29/08 10:28
Chloromethane	<0.380		ug/L	8104822	8104822-BLK1	10/29/08 10:28
2-Chlorotoluene	<0.300		ug/L	8104822	8104822-BLK1	10/29/08 10:28
4-Chlorotoluene	<0.330		ug/L	8104822	8104822-BLK1	10/29/08 10:28
1,2-Dibromo-3-chloropropane	<0.860		ug/L	8104822	8104822-BLK1	10/29/08 10:28
1,2-Dibromoethane (EDB)	<0.390		ug/L	8104822	8104822-BLK1	10/29/08 10:28
Dibromomethane	<0.350		ug/L	8104822	8104822-BLK1	10/29/08 10:28
1,4-Dichlorobenzene	<0.380		ug/L	8104822	8104822-BLK1	10/29/08 10:28
1,3-Dichlorobenzene	<0.350		ug/L	8104822	8104822-BLK1	10/29/08 10:28
1,2-Dichlorobenzene	<0.500		ug/L	8104822	8104822-BLK1	10/29/08 10:28
Dichlorodifluoromethane	<0.460		ug/L	8104822	8104822-BLK1	10/29/08 10:28
1,1-Dichloroethane	<0.540		ug/L	8104822	8104822-BLK1	10/29/08 10:28
1,2-Dichloroethane	<0.370		ug/L	8104822	8104822-BLK1	10/29/08 10:28

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
8104822-BLK1						
cis-1,2-Dichloroethene	<0.390		ug/L	8104822	8104822-BLK1	10/29/08 10:28
1,1-Dichloroethene	<0.340		ug/L	8104822	8104822-BLK1	10/29/08 10:28
trans-1,2-Dichloroethene	<0.470		ug/L	8104822	8104822-BLK1	10/29/08 10:28
1,3-Dichloropropane	<0.290		ug/L	8104822	8104822-BLK1	10/29/08 10:28
1,2-Dichloropropane	<0.320		ug/L	8104822	8104822-BLK1	10/29/08 10:28
2,2-Dichloropropane	<0.420		ug/L	8104822	8104822-BLK1	10/29/08 10:28
cis-1,3-Dichloropropene	<0.290		ug/L	8104822	8104822-BLK1	10/29/08 10:28
trans-1,3-Dichloropropene	<0.330		ug/L	8104822	8104822-BLK1	10/29/08 10:28
1,1-Dichloropropene	<0.310		ug/L	8104822	8104822-BLK1	10/29/08 10:28
Ethylbenzene	<0.240		ug/L	8104822	8104822-BLK1	10/29/08 10:28
Hexachlorobutadiene	<0.910		ug/L	8104822	8104822-BLK1	10/29/08 10:28
2-Hexanone	<16.7		ug/L	8104822	8104822-BLK1	10/29/08 10:28
Isopropylbenzene	<0.300		ug/L	8104822	8104822-BLK1	10/29/08 10:28
p-Isopropyltoluene	<0.220		ug/L	8104822	8104822-BLK1	10/29/08 10:28
Methyl tert-Butyl Ether	<0.420		ug/L	8104822	8104822-BLK1	10/29/08 10:28
Methylene Chloride	<0.830		ug/L	8104822	8104822-BLK1	10/29/08 10:28
4-Methyl-2-pentanone	<3.49		ug/L	8104822	8104822-BLK1	10/29/08 10:28
Naphthalene	<0.540		ug/L	8104822	8104822-BLK1	10/29/08 10:28
n-Propylbenzene	<0.290		ug/L	8104822	8104822-BLK1	10/29/08 10:28
Styrene	<0.330		ug/L	8104822	8104822-BLK1	10/29/08 10:28
1,1,1,2-Tetrachloroethane	<0.290		ug/L	8104822	8104822-BLK1	10/29/08 10:28
1,1,2,2-Tetrachloroethane	<0.290		ug/L	8104822	8104822-BLK1	10/29/08 10:28
Tetrachloroethene	<0.230		ug/L	8104822	8104822-BLK1	10/29/08 10:28
Toluene	<0.280		ug/L	8104822	8104822-BLK1	10/29/08 10:28
1,2,3-Trichlorobenzene	<0.940		ug/L	8104822	8104822-BLK1	10/29/08 10:28
1,2,4-Trichlorobenzene	<0.500		ug/L	8104822	8104822-BLK1	10/29/08 10:28
1,1,2-Trichloroethane	<0.400		ug/L	8104822	8104822-BLK1	10/29/08 10:28
1,1,1-Trichloroethane	<0.370		ug/L	8104822	8104822-BLK1	10/29/08 10:28
Trichloroethene	<0.230		ug/L	8104822	8104822-BLK1	10/29/08 10:28
Trichlorofluoromethane	<0.350		ug/L	8104822	8104822-BLK1	10/29/08 10:28
1,2,3-Trichloropropane	<0.290		ug/L	8104822	8104822-BLK1	10/29/08 10:28
1,3,5-Trimethylbenzene	<0.160		ug/L	8104822	8104822-BLK1	10/29/08 10:28
1,2,4-Trimethylbenzene	<0.170		ug/L	8104822	8104822-BLK1	10/29/08 10:28
Vinyl chloride	<0.290		ug/L	8104822	8104822-BLK1	10/29/08 10:28
Xylenes, total	<0.860		ug/L	8104822	8104822-BLK1	10/29/08 10:28
Surrogate: 1,2-Dichloroethane-d4	104%			8104822	8104822-BLK1	10/29/08 10:28
Surrogate: Dibromofluoromethane	99%			8104822	8104822-BLK1	10/29/08 10:28
Surrogate: Toluene-d8	99%			8104822	8104822-BLK1	10/29/08 10:28
Surrogate: 4-Bromofluorobenzene	101%			8104822	8104822-BLK1	10/29/08 10:28

8105101-BLK1

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
8105101-BLK1						
Acetone	<25.0		ug/L	8105101	8105101-BLK1	10/30/08 13:31
Benzene	<0.270		ug/L	8105101	8105101-BLK1	10/30/08 13:31
Bromobenzene	<0.360		ug/L	8105101	8105101-BLK1	10/30/08 13:31
Bromochloromethane	<0.400		ug/L	8105101	8105101-BLK1	10/30/08 13:31
Bromodichloromethane	<0.350		ug/L	8105101	8105101-BLK1	10/30/08 13:31
Bromoform	<0.430		ug/L	8105101	8105101-BLK1	10/30/08 13:31
Bromomethane	<0.420		ug/L	8105101	8105101-BLK1	10/30/08 13:31
2-Butanone	<2.40		ug/L	8105101	8105101-BLK1	10/30/08 13:31
sec-Butylbenzene	<0.140		ug/L	8105101	8105101-BLK1	10/30/08 13:31
n-Butylbenzene	<0.280		ug/L	8105101	8105101-BLK1	10/30/08 13:31
tert-Butylbenzene	<0.330		ug/L	8105101	8105101-BLK1	10/30/08 13:31
Carbon disulfide	<0.380		ug/L	8105101	8105101-BLK1	10/30/08 13:31
Carbon Tetrachloride	<0.350		ug/L	8105101	8105101-BLK1	10/30/08 13:31
Chlorobenzene	<0.180		ug/L	8105101	8105101-BLK1	10/30/08 13:31
Chlorodibromomethane	<0.280		ug/L	8105101	8105101-BLK1	10/30/08 13:31
Chloroethane	<0.450		ug/L	8105101	8105101-BLK1	10/30/08 13:31
Chloroform	0.470	B	ug/L	8105101	8105101-BLK1	10/30/08 13:31
Chloromethane	<0.380		ug/L	8105101	8105101-BLK1	10/30/08 13:31
2-Chlorotoluene	<0.300		ug/L	8105101	8105101-BLK1	10/30/08 13:31
4-Chlorotoluene	<0.330		ug/L	8105101	8105101-BLK1	10/30/08 13:31
1,2-Dibromo-3-chloropropane	<0.860		ug/L	8105101	8105101-BLK1	10/30/08 13:31
1,2-Dibromoethane (EDB)	<0.390		ug/L	8105101	8105101-BLK1	10/30/08 13:31
Dibromomethane	<0.350		ug/L	8105101	8105101-BLK1	10/30/08 13:31
1,4-Dichlorobenzene	<0.380		ug/L	8105101	8105101-BLK1	10/30/08 13:31
1,3-Dichlorobenzene	<0.350		ug/L	8105101	8105101-BLK1	10/30/08 13:31
1,2-Dichlorobenzene	<0.500		ug/L	8105101	8105101-BLK1	10/30/08 13:31
Dichlorodifluoromethane	<0.460		ug/L	8105101	8105101-BLK1	10/30/08 13:31
1,1-Dichloroethane	<0.540		ug/L	8105101	8105101-BLK1	10/30/08 13:31
1,2-Dichloroethane	<0.370		ug/L	8105101	8105101-BLK1	10/30/08 13:31
cis-1,2-Dichloroethene	<0.390		ug/L	8105101	8105101-BLK1	10/30/08 13:31
1,1-Dichloroethene	<0.340		ug/L	8105101	8105101-BLK1	10/30/08 13:31
trans-1,2-Dichloroethene	<0.470		ug/L	8105101	8105101-BLK1	10/30/08 13:31
1,3-Dichloropropane	<0.290		ug/L	8105101	8105101-BLK1	10/30/08 13:31
1,2-Dichloropropane	<0.320		ug/L	8105101	8105101-BLK1	10/30/08 13:31
2,2-Dichloropropane	<0.420		ug/L	8105101	8105101-BLK1	10/30/08 13:31
cis-1,3-Dichloropropene	<0.290		ug/L	8105101	8105101-BLK1	10/30/08 13:31
trans-1,3-Dichloropropene	<0.330		ug/L	8105101	8105101-BLK1	10/30/08 13:31
1,1-Dichloropropene	<0.310		ug/L	8105101	8105101-BLK1	10/30/08 13:31
Ethylbenzene	<0.240		ug/L	8105101	8105101-BLK1	10/30/08 13:31
Hexachlorobutadiene	<0.910		ug/L	8105101	8105101-BLK1	10/30/08 13:31
2-Hexanone	<16.7		ug/L	8105101	8105101-BLK1	10/30/08 13:31

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
8105101-BLK1						
Isopropylbenzene	<0.300		ug/L	8105101	8105101-BLK1	10/30/08 13:31
p-Isopropyltoluene	<0.220		ug/L	8105101	8105101-BLK1	10/30/08 13:31
Methyl tert-Butyl Ether	<0.420		ug/L	8105101	8105101-BLK1	10/30/08 13:31
Methylene Chloride	<0.830		ug/L	8105101	8105101-BLK1	10/30/08 13:31
4-Methyl-2-pentanone	<3.49		ug/L	8105101	8105101-BLK1	10/30/08 13:31
Naphthalene	<0.540		ug/L	8105101	8105101-BLK1	10/30/08 13:31
n-Propylbenzene	<0.290		ug/L	8105101	8105101-BLK1	10/30/08 13:31
Styrene	<0.330		ug/L	8105101	8105101-BLK1	10/30/08 13:31
1,1,1,2-Tetrachloroethane	<0.290		ug/L	8105101	8105101-BLK1	10/30/08 13:31
1,1,2,2-Tetrachloroethane	<0.290		ug/L	8105101	8105101-BLK1	10/30/08 13:31
Tetrachloroethene	1.94	B	ug/L	8105101	8105101-BLK1	10/30/08 13:31
Toluene	<0.280		ug/L	8105101	8105101-BLK1	10/30/08 13:31
1,2,3-Trichlorobenzene	<0.940		ug/L	8105101	8105101-BLK1	10/30/08 13:31
1,2,4-Trichlorobenzene	<0.500		ug/L	8105101	8105101-BLK1	10/30/08 13:31
1,1,2-Trichloroethane	<0.400		ug/L	8105101	8105101-BLK1	10/30/08 13:31
1,1,1-Trichloroethane	<0.370		ug/L	8105101	8105101-BLK1	10/30/08 13:31
Trichloroethene	<0.230		ug/L	8105101	8105101-BLK1	10/30/08 13:31
Trichlorofluoromethane	<0.350		ug/L	8105101	8105101-BLK1	10/30/08 13:31
1,2,3-Trichloropropane	<0.290		ug/L	8105101	8105101-BLK1	10/30/08 13:31
1,3,5-Trimethylbenzene	<0.160		ug/L	8105101	8105101-BLK1	10/30/08 13:31
1,2,4-Trimethylbenzene	<0.170		ug/L	8105101	8105101-BLK1	10/30/08 13:31
Vinyl chloride	<0.290		ug/L	8105101	8105101-BLK1	10/30/08 13:31
Xylenes, total	<0.860		ug/L	8105101	8105101-BLK1	10/30/08 13:31
Surrogate: 1,2-Dichloroethane-d4	112%			8105101	8105101-BLK1	10/30/08 13:31
Surrogate: Dibromofluoromethane	103%			8105101	8105101-BLK1	10/30/08 13:31
Surrogate: Toluene-d8	99%			8105101	8105101-BLK1	10/30/08 13:31
Surrogate: 4-Bromofluorobenzene	110%			8105101	8105101-BLK1	10/30/08 13:31
8105321-BLK1						
Acetone	<25.0		ug/L	8105321	8105321-BLK1	10/31/08 11:39
Benzene	<0.270		ug/L	8105321	8105321-BLK1	10/31/08 11:39
Bromobenzene	<0.360		ug/L	8105321	8105321-BLK1	10/31/08 11:39
Bromochloromethane	<0.400		ug/L	8105321	8105321-BLK1	10/31/08 11:39
Bromodichloromethane	<0.350		ug/L	8105321	8105321-BLK1	10/31/08 11:39
Bromoform	<0.430		ug/L	8105321	8105321-BLK1	10/31/08 11:39
Bromomethane	<0.420		ug/L	8105321	8105321-BLK1	10/31/08 11:39
2-Butanone	<2.40		ug/L	8105321	8105321-BLK1	10/31/08 11:39
sec-Butylbenzene	<0.140		ug/L	8105321	8105321-BLK1	10/31/08 11:39
n-Butylbenzene	<0.280		ug/L	8105321	8105321-BLK1	10/31/08 11:39
tert-Butylbenzene	<0.330		ug/L	8105321	8105321-BLK1	10/31/08 11:39
Carbon disulfide	<0.380		ug/L	8105321	8105321-BLK1	10/31/08 11:39

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
8105321-BLK1						
Carbon Tetrachloride	<0.350		ug/L	8105321	8105321-BLK1	10/31/08 11:39
Chlorobenzene	<0.180		ug/L	8105321	8105321-BLK1	10/31/08 11:39
Chlorodibromomethane	<0.280		ug/L	8105321	8105321-BLK1	10/31/08 11:39
Chloroethane	<0.450		ug/L	8105321	8105321-BLK1	10/31/08 11:39
Chloroform	<0.280		ug/L	8105321	8105321-BLK1	10/31/08 11:39
Chloromethane	<0.380		ug/L	8105321	8105321-BLK1	10/31/08 11:39
2-Chlorotoluene	<0.300		ug/L	8105321	8105321-BLK1	10/31/08 11:39
4-Chlorotoluene	<0.330		ug/L	8105321	8105321-BLK1	10/31/08 11:39
1,2-Dibromo-3-chloropropane	<0.860		ug/L	8105321	8105321-BLK1	10/31/08 11:39
1,2-Dibromoethane (EDB)	<0.390		ug/L	8105321	8105321-BLK1	10/31/08 11:39
Dibromomethane	<0.350		ug/L	8105321	8105321-BLK1	10/31/08 11:39
1,4-Dichlorobenzene	<0.380		ug/L	8105321	8105321-BLK1	10/31/08 11:39
1,3-Dichlorobenzene	<0.350		ug/L	8105321	8105321-BLK1	10/31/08 11:39
1,2-Dichlorobenzene	<0.500		ug/L	8105321	8105321-BLK1	10/31/08 11:39
Dichlorodifluoromethane	<0.460		ug/L	8105321	8105321-BLK1	10/31/08 11:39
1,1-Dichloroethane	<0.540		ug/L	8105321	8105321-BLK1	10/31/08 11:39
1,2-Dichloroethane	<0.370		ug/L	8105321	8105321-BLK1	10/31/08 11:39
cis-1,2-Dichloroethene	<0.390		ug/L	8105321	8105321-BLK1	10/31/08 11:39
1,1-Dichloroethene	<0.340		ug/L	8105321	8105321-BLK1	10/31/08 11:39
trans-1,2-Dichloroethene	<0.470		ug/L	8105321	8105321-BLK1	10/31/08 11:39
1,3-Dichloropropane	<0.290		ug/L	8105321	8105321-BLK1	10/31/08 11:39
1,2-Dichloropropane	<0.320		ug/L	8105321	8105321-BLK1	10/31/08 11:39
2,2-Dichloropropane	<0.420		ug/L	8105321	8105321-BLK1	10/31/08 11:39
cis-1,3-Dichloropropene	<0.290		ug/L	8105321	8105321-BLK1	10/31/08 11:39
trans-1,3-Dichloropropene	<0.330		ug/L	8105321	8105321-BLK1	10/31/08 11:39
1,1-Dichloropropene	<0.310		ug/L	8105321	8105321-BLK1	10/31/08 11:39
Ethylbenzene	<0.240		ug/L	8105321	8105321-BLK1	10/31/08 11:39
Hexachlorobutadiene	<0.910		ug/L	8105321	8105321-BLK1	10/31/08 11:39
2-Hexanone	<16.7		ug/L	8105321	8105321-BLK1	10/31/08 11:39
Isopropylbenzene	<0.300		ug/L	8105321	8105321-BLK1	10/31/08 11:39
p-Isopropyltoluene	<0.220		ug/L	8105321	8105321-BLK1	10/31/08 11:39
Methyl tert-Butyl Ether	<0.420		ug/L	8105321	8105321-BLK1	10/31/08 11:39
Methylene Chloride	<0.830		ug/L	8105321	8105321-BLK1	10/31/08 11:39
4-Methyl-2-pentanone	<3.49		ug/L	8105321	8105321-BLK1	10/31/08 11:39
Naphthalene	<0.540		ug/L	8105321	8105321-BLK1	10/31/08 11:39
n-Propylbenzene	<0.290		ug/L	8105321	8105321-BLK1	10/31/08 11:39
Styrene	<0.330		ug/L	8105321	8105321-BLK1	10/31/08 11:39
1,1,1,2-Tetrachloroethane	<0.290		ug/L	8105321	8105321-BLK1	10/31/08 11:39
1,1,2,2-Tetrachloroethane	<0.290		ug/L	8105321	8105321-BLK1	10/31/08 11:39
Tetrachloroethene	<0.230		ug/L	8105321	8105321-BLK1	10/31/08 11:39
Toluene	<0.280		ug/L	8105321	8105321-BLK1	10/31/08 11:39

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
8105321-BLK1						
1,2,3-Trichlorobenzene	<0.940		ug/L	8105321	8105321-BLK1	10/31/08 11:39
1,2,4-Trichlorobenzene	<0.500		ug/L	8105321	8105321-BLK1	10/31/08 11:39
1,1,2-Trichloroethane	<0.400		ug/L	8105321	8105321-BLK1	10/31/08 11:39
1,1,1-Trichloroethane	<0.370		ug/L	8105321	8105321-BLK1	10/31/08 11:39
Trichloroethene	<0.230		ug/L	8105321	8105321-BLK1	10/31/08 11:39
Trichlorofluoromethane	<0.350		ug/L	8105321	8105321-BLK1	10/31/08 11:39
1,2,3-Trichloropropane	<0.290		ug/L	8105321	8105321-BLK1	10/31/08 11:39
1,3,5-Trimethylbenzene	<0.160		ug/L	8105321	8105321-BLK1	10/31/08 11:39
1,2,4-Trimethylbenzene	0.340	B	ug/L	8105321	8105321-BLK1	10/31/08 11:39
Vinyl chloride	<0.290		ug/L	8105321	8105321-BLK1	10/31/08 11:39
Xylenes, total	<0.860		ug/L	8105321	8105321-BLK1	10/31/08 11:39
Surrogate: 1,2-Dichloroethane-d4	111%			8105321	8105321-BLK1	10/31/08 11:39
Surrogate: Dibromofluoromethane	105%			8105321	8105321-BLK1	10/31/08 11:39
Surrogate: Toluene-d8	97%			8105321	8105321-BLK1	10/31/08 11:39
Surrogate: 4-Bromofluorobenzene	99%			8105321	8105321-BLK1	10/31/08 11:39
8105387-BLK1						
Acetone	<25.0		ug/L	8105387	8105387-BLK1	10/31/08 12:51
Benzene	<0.270		ug/L	8105387	8105387-BLK1	10/31/08 12:51
Bromobenzene	<0.360		ug/L	8105387	8105387-BLK1	10/31/08 12:51
Bromochloromethane	<0.400		ug/L	8105387	8105387-BLK1	10/31/08 12:51
Bromodichloromethane	<0.350		ug/L	8105387	8105387-BLK1	10/31/08 12:51
Bromoform	<0.430		ug/L	8105387	8105387-BLK1	10/31/08 12:51
Bromomethane	<0.420		ug/L	8105387	8105387-BLK1	10/31/08 12:51
2-Butanone	<2.40		ug/L	8105387	8105387-BLK1	10/31/08 12:51
sec-Butylbenzene	<0.140		ug/L	8105387	8105387-BLK1	10/31/08 12:51
n-Butylbenzene	<0.280		ug/L	8105387	8105387-BLK1	10/31/08 12:51
tert-Butylbenzene	<0.330		ug/L	8105387	8105387-BLK1	10/31/08 12:51
Carbon disulfide	<0.380		ug/L	8105387	8105387-BLK1	10/31/08 12:51
Carbon Tetrachloride	<0.350		ug/L	8105387	8105387-BLK1	10/31/08 12:51
Chlorobenzene	<0.180		ug/L	8105387	8105387-BLK1	10/31/08 12:51
Chlorodibromomethane	<0.280		ug/L	8105387	8105387-BLK1	10/31/08 12:51
Chloroethane	<0.450		ug/L	8105387	8105387-BLK1	10/31/08 12:51
Chloroform	0.590		ug/L	8105387	8105387-BLK1	10/31/08 12:51
Chloromethane	<0.380		ug/L	8105387	8105387-BLK1	10/31/08 12:51
2-Chlorotoluene	<0.300		ug/L	8105387	8105387-BLK1	10/31/08 12:51
4-Chlorotoluene	<0.330		ug/L	8105387	8105387-BLK1	10/31/08 12:51
1,2-Dibromo-3-chloropropane	<0.860		ug/L	8105387	8105387-BLK1	10/31/08 12:51
1,2-Dibromoethane (EDB)	<0.390		ug/L	8105387	8105387-BLK1	10/31/08 12:51
Dibromomethane	<0.350		ug/L	8105387	8105387-BLK1	10/31/08 12:51
1,4-Dichlorobenzene	<0.380		ug/L	8105387	8105387-BLK1	10/31/08 12:51

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
8105387-BLK1						
1,3-Dichlorobenzene	<0.350		ug/L	8105387	8105387-BLK1	10/31/08 12:51
1,2-Dichlorobenzene	<0.500		ug/L	8105387	8105387-BLK1	10/31/08 12:51
Dichlorodifluoromethane	<0.460		ug/L	8105387	8105387-BLK1	10/31/08 12:51
1,1-Dichloroethane	<0.540		ug/L	8105387	8105387-BLK1	10/31/08 12:51
1,2-Dichloroethane	<0.370		ug/L	8105387	8105387-BLK1	10/31/08 12:51
cis-1,2-Dichloroethene	<0.390		ug/L	8105387	8105387-BLK1	10/31/08 12:51
1,1-Dichloroethene	<0.340		ug/L	8105387	8105387-BLK1	10/31/08 12:51
trans-1,2-Dichloroethene	<0.470		ug/L	8105387	8105387-BLK1	10/31/08 12:51
1,3-Dichloropropane	<0.290		ug/L	8105387	8105387-BLK1	10/31/08 12:51
1,2-Dichloropropane	<0.320		ug/L	8105387	8105387-BLK1	10/31/08 12:51
2,2-Dichloropropane	<0.420		ug/L	8105387	8105387-BLK1	10/31/08 12:51
cis-1,3-Dichloropropene	<0.290		ug/L	8105387	8105387-BLK1	10/31/08 12:51
trans-1,3-Dichloropropene	<0.330		ug/L	8105387	8105387-BLK1	10/31/08 12:51
1,1-Dichloropropene	<0.310		ug/L	8105387	8105387-BLK1	10/31/08 12:51
Ethylbenzene	<0.240		ug/L	8105387	8105387-BLK1	10/31/08 12:51
Hexachlorobutadiene	<0.910		ug/L	8105387	8105387-BLK1	10/31/08 12:51
2-Hexanone	<16.7		ug/L	8105387	8105387-BLK1	10/31/08 12:51
Isopropylbenzene	<0.300		ug/L	8105387	8105387-BLK1	10/31/08 12:51
p-Isopropyltoluene	<0.220		ug/L	8105387	8105387-BLK1	10/31/08 12:51
Methyl tert-Butyl Ether	<0.420		ug/L	8105387	8105387-BLK1	10/31/08 12:51
Methylene Chloride	<0.830		ug/L	8105387	8105387-BLK1	10/31/08 12:51
4-Methyl-2-pentanone	<3.49		ug/L	8105387	8105387-BLK1	10/31/08 12:51
Naphthalene	<0.540		ug/L	8105387	8105387-BLK1	10/31/08 12:51
n-Propylbenzene	<0.290		ug/L	8105387	8105387-BLK1	10/31/08 12:51
Styrene	<0.330		ug/L	8105387	8105387-BLK1	10/31/08 12:51
1,1,1,2-Tetrachloroethane	<0.290		ug/L	8105387	8105387-BLK1	10/31/08 12:51
1,1,2,2-Tetrachloroethane	<0.290		ug/L	8105387	8105387-BLK1	10/31/08 12:51
Tetrachloroethene	<0.230		ug/L	8105387	8105387-BLK1	10/31/08 12:51
Toluene	<0.280		ug/L	8105387	8105387-BLK1	10/31/08 12:51
1,2,3-Trichlorobenzene	<0.940		ug/L	8105387	8105387-BLK1	10/31/08 12:51
1,2,4-Trichlorobenzene	<0.500		ug/L	8105387	8105387-BLK1	10/31/08 12:51
1,1,2-Trichloroethane	<0.400		ug/L	8105387	8105387-BLK1	10/31/08 12:51
1,1,1-Trichloroethane	<0.370		ug/L	8105387	8105387-BLK1	10/31/08 12:51
Trichloroethene	<0.230		ug/L	8105387	8105387-BLK1	10/31/08 12:51
Trichlorofluoromethane	<0.350		ug/L	8105387	8105387-BLK1	10/31/08 12:51
1,2,3-Trichloropropane	<0.290		ug/L	8105387	8105387-BLK1	10/31/08 12:51
1,3,5-Trimethylbenzene	<0.160		ug/L	8105387	8105387-BLK1	10/31/08 12:51
1,2,4-Trimethylbenzene	<0.170		ug/L	8105387	8105387-BLK1	10/31/08 12:51
Vinyl chloride	<0.290		ug/L	8105387	8105387-BLK1	10/31/08 12:51
Xylenes, total	<0.860		ug/L	8105387	8105387-BLK1	10/31/08 12:51
Surrogate: 1,2-Dichloroethane-d4	101%			8105387	8105387-BLK1	10/31/08 12:51

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
8105387-BLK1						
Surrogate: Dibromofluoromethane	102%			8105387	8105387-BLK1	10/31/08 12:51
Surrogate: Toluene-d8	98%			8105387	8105387-BLK1	10/31/08 12:51
Surrogate: 4-Bromofluorobenzene	104%			8105387	8105387-BLK1	10/31/08 12:51

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Polychlorinated Biphenyls by EPA Method 8082								
8104752-BS1								
PCB-1248	10.0	9.19	MNR1	ug/L	92%	20 - 140	8104752	10/29/08 16:05
Surrogate: Tetrachloro-meta-xylene	1.00	0.916			92%	29 - 137	8104752	10/29/08 16:05
Surrogate: Decachlorobiphenyl	1.00	0.576			58%	10 - 146	8104752	10/29/08 16:05
Volatile Organic Compounds by EPA Method 8260B								
8104822-BS1								
Acetone	250	305		ug/L	122%	62 - 150	8104822	10/29/08 08:57
Benzene	50.0	50.7		ug/L	101%	80 - 137	8104822	10/29/08 08:57
Bromobenzene	50.0	53.7		ug/L	107%	74 - 131	8104822	10/29/08 08:57
Bromochloromethane	50.0	54.4		ug/L	109%	80 - 128	8104822	10/29/08 08:57
Bromodichloromethane	50.0	48.5		ug/L	97%	80 - 129	8104822	10/29/08 08:57
Bromoform	50.0	46.7		ug/L	93%	69 - 127	8104822	10/29/08 08:57
Bromomethane	50.0	72.7		ug/L	145%	62 - 148	8104822	10/29/08 08:57
2-Butanone	250	287		ug/L	115%	77 - 141	8104822	10/29/08 08:57
sec-Butylbenzene	50.0	57.0		ug/L	114%	78 - 133	8104822	10/29/08 08:57
n-Butylbenzene	50.0	57.6		ug/L	115%	72 - 136	8104822	10/29/08 08:57
tert-Butylbenzene	50.0	50.7		ug/L	101%	77 - 135	8104822	10/29/08 08:57
Carbon disulfide	50.0	54.0		ug/L	108%	80 - 126	8104822	10/29/08 08:57
Carbon Tetrachloride	50.0	56.4		ug/L	113%	76 - 143	8104822	10/29/08 08:57
Chlorobenzene	50.0	50.0		ug/L	100%	80 - 120	8104822	10/29/08 08:57
Chlorodibromomethane	50.0	45.3		ug/L	91%	76 - 123	8104822	10/29/08 08:57
Chloroethane	50.0	49.0		ug/L	98%	77 - 127	8104822	10/29/08 08:57
Chloroform	50.0	50.2		ug/L	100%	80 - 133	8104822	10/29/08 08:57
Chloromethane	50.0	41.1		ug/L	82%	33 - 125	8104822	10/29/08 08:57
2-Chlorotoluene	50.0	54.2		ug/L	108%	80 - 127	8104822	10/29/08 08:57
4-Chlorotoluene	50.0	52.7		ug/L	105%	80 - 127	8104822	10/29/08 08:57
1,2-Dibromo-3-chloropropane	50.0	49.3		ug/L	99%	60 - 136	8104822	10/29/08 08:57
1,2-Dibromoethane (EDB)	50.0	56.5		ug/L	113%	80 - 125	8104822	10/29/08 08:57
Dibromomethane	50.0	54.9		ug/L	110%	80 - 124	8104822	10/29/08 08:57
1,4-Dichlorobenzene	50.0	51.9		ug/L	104%	80 - 120	8104822	10/29/08 08:57
1,3-Dichlorobenzene	50.0	53.4		ug/L	107%	80 - 123	8104822	10/29/08 08:57
1,2-Dichlorobenzene	50.0	54.2		ug/L	108%	80 - 122	8104822	10/29/08 08:57
Dichlorodifluoromethane	50.0	40.4		ug/L	81%	36 - 120	8104822	10/29/08 08:57
1,1-Dichloroethane	50.0	52.8		ug/L	106%	76 - 130	8104822	10/29/08 08:57
1,2-Dichloroethane	50.0	52.7		ug/L	105%	69 - 136	8104822	10/29/08 08:57
cis-1,2-Dichloroethene	50.0	54.3		ug/L	109%	80 - 129	8104822	10/29/08 08:57
1,1-Dichloroethene	50.0	52.9		ug/L	106%	80 - 127	8104822	10/29/08 08:57
trans-1,2-Dichloroethene	50.0	51.7		ug/L	103%	80 - 131	8104822	10/29/08 08:57
1,3-Dichloropropane	50.0	52.7		ug/L	105%	80 - 122	8104822	10/29/08 08:57
1,2-Dichloropropane	50.0	52.3		ug/L	105%	80 - 120	8104822	10/29/08 08:57
2,2-Dichloropropane	50.0	58.0		ug/L	116%	62 - 142	8104822	10/29/08 08:57

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
8104822-BS1								
cis-1,3-Dichloropropene	50.0	51.3		ug/L	103%	76 - 135	8104822	10/29/08 08:57
trans-1,3-Dichloropropene	50.0	42.7		ug/L	85%	70 - 137	8104822	10/29/08 08:57
1,1-Dichloropropene	50.0	50.7		ug/L	101%	80 - 127	8104822	10/29/08 08:57
Ethylbenzene	50.0	52.6		ug/L	105%	80 - 128	8104822	10/29/08 08:57
Hexachlorobutadiene	50.0	54.9		ug/L	110%	68 - 148	8104822	10/29/08 08:57
2-Hexanone	250	273		ug/L	109%	69 - 148	8104822	10/29/08 08:57
Isopropylbenzene	50.0	49.0		ug/L	98%	80 - 121	8104822	10/29/08 08:57
p-Isopropyltoluene	50.0	54.8		ug/L	110%	79 - 127	8104822	10/29/08 08:57
Methyl tert-Butyl Ether	50.0	54.4		ug/L	109%	70 - 129	8104822	10/29/08 08:57
Methylene Chloride	50.0	50.4		ug/L	101%	76 - 135	8104822	10/29/08 08:57
4-Methyl-2-pentanone	250	281		ug/L	112%	67 - 143	8104822	10/29/08 08:57
Naphthalene	50.0	58.0		ug/L	116%	62 - 141	8104822	10/29/08 08:57
n-Propylbenzene	50.0	55.1		ug/L	110%	80 - 132	8104822	10/29/08 08:57
Styrene	50.0	52.8		ug/L	106%	80 - 139	8104822	10/29/08 08:57
1,1,1,2-Tetrachloroethane	50.0	45.7		ug/L	91%	80 - 135	8104822	10/29/08 08:57
1,1,2,2-Tetrachloroethane	50.0	54.8		ug/L	110%	65 - 145	8104822	10/29/08 08:57
Tetrachloroethene	50.0	53.0		ug/L	106%	80 - 125	8104822	10/29/08 08:57
Toluene	50.0	50.3		ug/L	101%	80 - 125	8104822	10/29/08 08:57
1,2,3-Trichlorobenzene	50.0	55.7		ug/L	111%	57 - 144	8104822	10/29/08 08:57
1,2,4-Trichlorobenzene	50.0	50.2		ug/L	100%	60 - 140	8104822	10/29/08 08:57
1,1,2-Trichloroethane	50.0	54.6		ug/L	109%	80 - 122	8104822	10/29/08 08:57
1,1,1-Trichloroethane	50.0	55.1		ug/L	110%	80 - 131	8104822	10/29/08 08:57
Trichloroethene	50.0	52.9		ug/L	106%	80 - 131	8104822	10/29/08 08:57
Trichlorofluoromethane	50.0	45.6		ug/L	91%	68 - 125	8104822	10/29/08 08:57
1,2,3-Trichloropropane	50.0	49.0		ug/L	98%	60 - 127	8104822	10/29/08 08:57
1,3,5-Trimethylbenzene	50.0	54.2		ug/L	108%	80 - 129	8104822	10/29/08 08:57
1,2,4-Trimethylbenzene	50.0	55.7		ug/L	111%	80 - 128	8104822	10/29/08 08:57
Vinyl chloride	50.0	43.5		ug/L	87%	69 - 120	8104822	10/29/08 08:57
Xylenes, total	150	160		ug/L	107%	80 - 129	8104822	10/29/08 08:57
Surrogate: 1,2-Dichloroethane-d4	50.0	50.8			102%	60 - 140	8104822	10/29/08 08:57
Surrogate: Dibromofluoromethane	50.0	50.4			101%	75 - 124	8104822	10/29/08 08:57
Surrogate: Toluene-d8	50.0	54.8			110%	78 - 121	8104822	10/29/08 08:57
Surrogate: 4-Bromofluorobenzene	50.0	49.6			99%	79 - 124	8104822	10/29/08 08:57
8105101-BS1								
Acetone	250	279		ug/L	112%	62 - 150	8105101	10/30/08 11:39
Benzene	50.0	49.8		ug/L	100%	80 - 137	8105101	10/30/08 11:39
Bromobenzene	50.0	47.0		ug/L	94%	74 - 131	8105101	10/30/08 11:39
Bromochloromethane	50.0	50.8		ug/L	102%	80 - 128	8105101	10/30/08 11:39
Bromodichloromethane	50.0	54.8		ug/L	110%	80 - 129	8105101	10/30/08 11:39
Bromoform	50.0	58.5		ug/L	117%	69 - 127	8105101	10/30/08 11:39

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
8105101-BS1								
Bromomethane	50.0	43.3		ug/L	87%	62 - 148	8105101	10/30/08 11:39
2-Butanone	250	279		ug/L	111%	77 - 141	8105101	10/30/08 11:39
sec-Butylbenzene	50.0	48.6		ug/L	97%	78 - 133	8105101	10/30/08 11:39
n-Butylbenzene	50.0	56.7		ug/L	113%	72 - 136	8105101	10/30/08 11:39
tert-Butylbenzene	50.0	54.4		ug/L	109%	77 - 135	8105101	10/30/08 11:39
Carbon disulfide	50.0	52.8		ug/L	106%	80 - 126	8105101	10/30/08 11:39
Carbon Tetrachloride	50.0	52.6		ug/L	105%	76 - 143	8105101	10/30/08 11:39
Chlorobenzene	50.0	50.1		ug/L	100%	80 - 120	8105101	10/30/08 11:39
Chlorodibromomethane	50.0	55.3		ug/L	111%	76 - 123	8105101	10/30/08 11:39
Chloroethane	50.0	46.2		ug/L	92%	77 - 127	8105101	10/30/08 11:39
Chloroform	50.0	49.3		ug/L	99%	80 - 133	8105101	10/30/08 11:39
Chloromethane	50.0	38.0		ug/L	76%	33 - 125	8105101	10/30/08 11:39
2-Chlorotoluene	50.0	50.5		ug/L	101%	80 - 127	8105101	10/30/08 11:39
4-Chlorotoluene	50.0	50.2		ug/L	100%	80 - 127	8105101	10/30/08 11:39
1,2-Dibromo-3-chloropropane	50.0	52.4		ug/L	105%	60 - 136	8105101	10/30/08 11:39
1,2-Dibromoethane (EDB)	50.0	55.2		ug/L	110%	80 - 125	8105101	10/30/08 11:39
Dibromomethane	50.0	54.6		ug/L	109%	80 - 124	8105101	10/30/08 11:39
1,4-Dichlorobenzene	50.0	48.7		ug/L	97%	80 - 120	8105101	10/30/08 11:39
1,3-Dichlorobenzene	50.0	51.0		ug/L	102%	80 - 123	8105101	10/30/08 11:39
1,2-Dichlorobenzene	50.0	52.2		ug/L	104%	80 - 122	8105101	10/30/08 11:39
Dichlorodifluoromethane	50.0	37.2		ug/L	74%	36 - 120	8105101	10/30/08 11:39
1,1-Dichloroethane	50.0	50.1		ug/L	100%	76 - 130	8105101	10/30/08 11:39
1,2-Dichloroethane	50.0	52.6		ug/L	105%	69 - 136	8105101	10/30/08 11:39
cis-1,2-Dichloroethene	50.0	53.6		ug/L	107%	80 - 129	8105101	10/30/08 11:39
1,1-Dichloroethene	50.0	50.1		ug/L	100%	80 - 127	8105101	10/30/08 11:39
trans-1,2-Dichloroethene	50.0	51.6		ug/L	103%	80 - 131	8105101	10/30/08 11:39
1,3-Dichloropropane	50.0	53.3		ug/L	107%	80 - 122	8105101	10/30/08 11:39
1,2-Dichloropropane	50.0	49.2		ug/L	98%	80 - 120	8105101	10/30/08 11:39
2,2-Dichloropropane	50.0	61.2		ug/L	122%	62 - 142	8105101	10/30/08 11:39
cis-1,3-Dichloropropene	50.0	57.2		ug/L	114%	76 - 135	8105101	10/30/08 11:39
trans-1,3-Dichloropropene	50.0	57.8		ug/L	116%	70 - 137	8105101	10/30/08 11:39
1,1-Dichloropropene	50.0	51.8		ug/L	104%	80 - 127	8105101	10/30/08 11:39
Ethylbenzene	50.0	51.9		ug/L	104%	80 - 128	8105101	10/30/08 11:39
Hexachlorobutadiene	50.0	53.9		ug/L	108%	68 - 148	8105101	10/30/08 11:39
2-Hexanone	250	289		ug/L	116%	69 - 148	8105101	10/30/08 11:39
Isopropylbenzene	50.0	48.5		ug/L	97%	80 - 121	8105101	10/30/08 11:39
p-Isopropyltoluene	50.0	54.3		ug/L	109%	79 - 127	8105101	10/30/08 11:39
Methyl tert-Butyl Ether	50.0	56.8		ug/L	114%	70 - 129	8105101	10/30/08 11:39
Methylene Chloride	50.0	50.3		ug/L	101%	76 - 135	8105101	10/30/08 11:39
4-Methyl-2-pentanone	250	274		ug/L	110%	67 - 143	8105101	10/30/08 11:39
Naphthalene	50.0	60.0		ug/L	120%	62 - 141	8105101	10/30/08 11:39

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
8105101-BS1								
n-Propylbenzene	50.0	51.2		ug/L	102%	80 - 132	8105101	10/30/08 11:39
Styrene	50.0	53.3		ug/L	107%	80 - 139	8105101	10/30/08 11:39
1,1,1,2-Tetrachloroethane	50.0	54.1		ug/L	108%	80 - 135	8105101	10/30/08 11:39
1,1,2,2-Tetrachloroethane	50.0	50.0		ug/L	100%	65 - 145	8105101	10/30/08 11:39
Tetrachloroethene	50.0	53.2	B	ug/L	106%	80 - 125	8105101	10/30/08 11:39
Toluene	50.0	50.6		ug/L	101%	80 - 125	8105101	10/30/08 11:39
1,2,3-Trichlorobenzene	50.0	57.3		ug/L	115%	57 - 144	8105101	10/30/08 11:39
1,2,4-Trichlorobenzene	50.0	58.5		ug/L	117%	60 - 140	8105101	10/30/08 11:39
1,1,2-Trichloroethane	50.0	54.3		ug/L	109%	80 - 122	8105101	10/30/08 11:39
1,1,1-Trichloroethane	50.0	50.3		ug/L	101%	80 - 131	8105101	10/30/08 11:39
Trichloroethene	50.0	51.5		ug/L	103%	80 - 131	8105101	10/30/08 11:39
Trichlorofluoromethane	50.0	43.4		ug/L	87%	68 - 125	8105101	10/30/08 11:39
1,2,3-Trichloropropane	50.0	46.0		ug/L	92%	60 - 127	8105101	10/30/08 11:39
1,3,5-Trimethylbenzene	50.0	54.5		ug/L	109%	80 - 129	8105101	10/30/08 11:39
1,2,4-Trimethylbenzene	50.0	54.7		ug/L	109%	80 - 128	8105101	10/30/08 11:39
Vinyl chloride	50.0	40.9		ug/L	82%	69 - 120	8105101	10/30/08 11:39
Xylenes, total	150	155		ug/L	103%	80 - 129	8105101	10/30/08 11:39
Surrogate: 1,2-Dichloroethane-d4	25.0	24.3			97%	60 - 140	8105101	10/30/08 11:39
Surrogate: Dibromofluoromethane	25.0	25.3			101%	75 - 124	8105101	10/30/08 11:39
Surrogate: Toluene-d8	25.0	25.3			101%	78 - 121	8105101	10/30/08 11:39
Surrogate: 4-Bromofluorobenzene	25.0	23.5			94%	79 - 124	8105101	10/30/08 11:39
8105321-BS1								
Acetone	250	277		ug/L	111%	62 - 150	8105321	10/31/08 08:39
Benzene	50.0	51.2		ug/L	102%	80 - 137	8105321	10/31/08 08:39
Bromobenzene	50.0	47.6		ug/L	95%	74 - 131	8105321	10/31/08 08:39
Bromochloromethane	50.0	53.0		ug/L	106%	80 - 128	8105321	10/31/08 08:39
Bromodichloromethane	50.0	58.0		ug/L	116%	80 - 129	8105321	10/31/08 08:39
Bromoform	50.0	56.6		ug/L	113%	69 - 127	8105321	10/31/08 08:39
Bromomethane	50.0	101	L1	ug/L	202%	62 - 148	8105321	10/31/08 08:39
2-Butanone	250	268		ug/L	107%	77 - 141	8105321	10/31/08 08:39
sec-Butylbenzene	50.0	51.7		ug/L	103%	78 - 133	8105321	10/31/08 08:39
n-Butylbenzene	50.0	48.6		ug/L	97%	72 - 136	8105321	10/31/08 08:39
tert-Butylbenzene	50.0	49.2		ug/L	98%	77 - 135	8105321	10/31/08 08:39
Carbon disulfide	50.0	54.0		ug/L	108%	80 - 126	8105321	10/31/08 08:39
Carbon Tetrachloride	50.0	63.0		ug/L	126%	76 - 143	8105321	10/31/08 08:39
Chlorobenzene	50.0	49.1		ug/L	98%	80 - 120	8105321	10/31/08 08:39
Chlorodibromomethane	50.0	54.2		ug/L	108%	76 - 123	8105321	10/31/08 08:39
Chloroethane	50.0	55.9		ug/L	112%	77 - 127	8105321	10/31/08 08:39
Chloroform	50.0	54.4		ug/L	109%	80 - 133	8105321	10/31/08 08:39
Chloromethane	50.0	36.8		ug/L	74%	33 - 125	8105321	10/31/08 08:39

TestAmerica
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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
8105321-BS1								
2-Chlorotoluene	50.0	48.0		ug/L	96%	80 - 127	8105321	10/31/08 08:39
4-Chlorotoluene	50.0	46.1		ug/L	92%	80 - 127	8105321	10/31/08 08:39
1,2-Dibromo-3-chloropropane	50.0	55.3		ug/L	111%	60 - 136	8105321	10/31/08 08:39
1,2-Dibromoethane (EDB)	50.0	50.2		ug/L	100%	80 - 125	8105321	10/31/08 08:39
Dibromomethane	50.0	55.0		ug/L	110%	80 - 124	8105321	10/31/08 08:39
1,4-Dichlorobenzene	50.0	47.3		ug/L	95%	80 - 120	8105321	10/31/08 08:39
1,3-Dichlorobenzene	50.0	47.8		ug/L	96%	80 - 123	8105321	10/31/08 08:39
1,2-Dichlorobenzene	50.0	48.0		ug/L	96%	80 - 122	8105321	10/31/08 08:39
Dichlorodifluoromethane	50.0	36.5		ug/L	73%	36 - 120	8105321	10/31/08 08:39
1,1-Dichloroethane	50.0	53.9		ug/L	108%	76 - 130	8105321	10/31/08 08:39
1,2-Dichloroethane	50.0	57.9		ug/L	116%	69 - 136	8105321	10/31/08 08:39
cis-1,2-Dichloroethene	50.0	54.1		ug/L	108%	80 - 129	8105321	10/31/08 08:39
1,1-Dichloroethene	50.0	54.5		ug/L	109%	80 - 127	8105321	10/31/08 08:39
trans-1,2-Dichloroethene	50.0	53.0		ug/L	106%	80 - 131	8105321	10/31/08 08:39
1,3-Dichloropropane	50.0	48.7		ug/L	97%	80 - 122	8105321	10/31/08 08:39
1,2-Dichloropropane	50.0	50.6		ug/L	101%	80 - 120	8105321	10/31/08 08:39
2,2-Dichloropropane	50.0	39.9		ug/L	80%	62 - 142	8105321	10/31/08 08:39
cis-1,3-Dichloropropene	50.0	48.5		ug/L	97%	76 - 135	8105321	10/31/08 08:39
trans-1,3-Dichloropropene	50.0	50.5		ug/L	101%	70 - 137	8105321	10/31/08 08:39
1,1-Dichloropropene	50.0	52.8		ug/L	106%	80 - 127	8105321	10/31/08 08:39
Ethylbenzene	50.0	48.6		ug/L	97%	80 - 128	8105321	10/31/08 08:39
Hexachlorobutadiene	50.0	52.6		ug/L	105%	68 - 148	8105321	10/31/08 08:39
2-Hexanone	250	240		ug/L	96%	69 - 148	8105321	10/31/08 08:39
Isopropylbenzene	50.0	47.2		ug/L	94%	80 - 121	8105321	10/31/08 08:39
p-Isopropyltoluene	50.0	50.2		ug/L	100%	79 - 127	8105321	10/31/08 08:39
Methyl tert-Butyl Ether	50.0	55.5		ug/L	111%	70 - 129	8105321	10/31/08 08:39
Methylene Chloride	50.0	54.6		ug/L	109%	76 - 135	8105321	10/31/08 08:39
4-Methyl-2-pentanone	250	236		ug/L	95%	67 - 143	8105321	10/31/08 08:39
Naphthalene	50.0	59.6		ug/L	119%	62 - 141	8105321	10/31/08 08:39
n-Propylbenzene	50.0	46.6		ug/L	93%	80 - 132	8105321	10/31/08 08:39
Styrene	50.0	56.0		ug/L	112%	80 - 139	8105321	10/31/08 08:39
1,1,1,2-Tetrachloroethane	50.0	56.3		ug/L	113%	80 - 135	8105321	10/31/08 08:39
1,1,2,2-Tetrachloroethane	50.0	49.0		ug/L	98%	65 - 145	8105321	10/31/08 08:39
Tetrachloroethene	50.0	48.8		ug/L	98%	80 - 125	8105321	10/31/08 08:39
Toluene	50.0	47.4		ug/L	95%	80 - 125	8105321	10/31/08 08:39
1,2,3-Trichlorobenzene	50.0	55.7		ug/L	111%	57 - 144	8105321	10/31/08 08:39
1,2,4-Trichlorobenzene	50.0	54.2		ug/L	108%	60 - 140	8105321	10/31/08 08:39
1,1,2-Trichloroethane	50.0	49.2		ug/L	98%	80 - 122	8105321	10/31/08 08:39
1,1,1-Trichloroethane	50.0	56.9		ug/L	114%	80 - 131	8105321	10/31/08 08:39
Trichloroethene	50.0	54.4		ug/L	109%	80 - 131	8105321	10/31/08 08:39
Trichlorofluoromethane	50.0	46.9		ug/L	94%	68 - 125	8105321	10/31/08 08:39

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
8105321-BS1								
1,2,3-Trichloropropane	50.0	46.4		ug/L	93%	60 - 127	8105321	10/31/08 08:39
1,3,5-Trimethylbenzene	50.0	52.0		ug/L	104%	80 - 129	8105321	10/31/08 08:39
1,2,4-Trimethylbenzene	50.0	50.2		ug/L	100%	80 - 128	8105321	10/31/08 08:39
Vinyl chloride	50.0	41.8		ug/L	84%	69 - 120	8105321	10/31/08 08:39
Xylenes, total	150	151		ug/L	101%	80 - 129	8105321	10/31/08 08:39
Surrogate: 1,2-Dichloroethane-d4	50.0	54.3			109%	60 - 140	8105321	10/31/08 08:39
Surrogate: Dibromofluoromethane	50.0	53.6			107%	75 - 124	8105321	10/31/08 08:39
Surrogate: Toluene-d8	50.0	47.3			95%	78 - 121	8105321	10/31/08 08:39
Surrogate: 4-Bromofluorobenzene	50.0	49.4			99%	79 - 124	8105321	10/31/08 08:39
8105387-BS1								
Acetone	250	267		ug/L	107%	62 - 150	8105387	10/31/08 09:50
Benzene	50.0	51.1		ug/L	102%	80 - 137	8105387	10/31/08 09:50
Bromobenzene	50.0	48.2		ug/L	96%	74 - 131	8105387	10/31/08 09:50
Bromochloromethane	50.0	51.4		ug/L	103%	80 - 128	8105387	10/31/08 09:50
Bromodichloromethane	50.0	49.2		ug/L	98%	80 - 129	8105387	10/31/08 09:50
Bromoform	50.0	46.6		ug/L	93%	69 - 127	8105387	10/31/08 09:50
Bromomethane	50.0	44.3		ug/L	89%	62 - 148	8105387	10/31/08 09:50
2-Butanone	250	260		ug/L	104%	77 - 141	8105387	10/31/08 09:50
sec-Butylbenzene	50.0	55.4		ug/L	111%	78 - 133	8105387	10/31/08 09:50
n-Butylbenzene	50.0	56.3		ug/L	113%	72 - 136	8105387	10/31/08 09:50
tert-Butylbenzene	50.0	55.4		ug/L	111%	77 - 135	8105387	10/31/08 09:50
Carbon disulfide	50.0	56.8		ug/L	114%	80 - 126	8105387	10/31/08 09:50
Carbon Tetrachloride	50.0	55.8		ug/L	112%	76 - 143	8105387	10/31/08 09:50
Chlorobenzene	50.0	49.9		ug/L	100%	80 - 120	8105387	10/31/08 09:50
Chlorodibromomethane	50.0	46.8		ug/L	94%	76 - 123	8105387	10/31/08 09:50
Chloroethane	50.0	45.6		ug/L	91%	77 - 127	8105387	10/31/08 09:50
Chloroform	50.0	51.8		ug/L	104%	80 - 133	8105387	10/31/08 09:50
Chloromethane	50.0	40.9		ug/L	82%	33 - 125	8105387	10/31/08 09:50
2-Chlorotoluene	50.0	50.5		ug/L	101%	80 - 127	8105387	10/31/08 09:50
4-Chlorotoluene	50.0	50.3		ug/L	101%	80 - 127	8105387	10/31/08 09:50
1,2-Dibromo-3-chloropropane	50.0	47.3		ug/L	95%	60 - 136	8105387	10/31/08 09:50
1,2-Dibromoethane (EDB)	50.0	54.5		ug/L	109%	80 - 125	8105387	10/31/08 09:50
Dibromomethane	50.0	52.8		ug/L	106%	80 - 124	8105387	10/31/08 09:50
1,4-Dichlorobenzene	50.0	47.0		ug/L	94%	80 - 120	8105387	10/31/08 09:50
1,3-Dichlorobenzene	50.0	50.2		ug/L	100%	80 - 123	8105387	10/31/08 09:50
1,2-Dichlorobenzene	50.0	50.7		ug/L	101%	80 - 122	8105387	10/31/08 09:50
Dichlorodifluoromethane	50.0	42.8		ug/L	86%	36 - 120	8105387	10/31/08 09:50
1,1-Dichloroethane	50.0	50.9		ug/L	102%	76 - 130	8105387	10/31/08 09:50
1,2-Dichloroethane	50.0	50.6		ug/L	101%	69 - 136	8105387	10/31/08 09:50
cis-1,2-Dichloroethene	50.0	52.9		ug/L	106%	80 - 129	8105387	10/31/08 09:50

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
8105387-BS1								
1,1-Dichloroethene	50.0	52.1		ug/L	104%	80 - 127	8105387	10/31/08 09:50
trans-1,2-Dichloroethene	50.0	51.6		ug/L	103%	80 - 131	8105387	10/31/08 09:50
1,3-Dichloropropane	50.0	50.9		ug/L	102%	80 - 122	8105387	10/31/08 09:50
1,2-Dichloropropane	50.0	48.8		ug/L	98%	80 - 120	8105387	10/31/08 09:50
2,2-Dichloropropane	50.0	59.4		ug/L	119%	62 - 142	8105387	10/31/08 09:50
cis-1,3-Dichloropropene	50.0	47.4		ug/L	95%	76 - 135	8105387	10/31/08 09:50
trans-1,3-Dichloropropene	50.0	45.4		ug/L	91%	70 - 137	8105387	10/31/08 09:50
1,1-Dichloropropene	50.0	51.3		ug/L	103%	80 - 127	8105387	10/31/08 09:50
Ethylbenzene	50.0	52.9		ug/L	106%	80 - 128	8105387	10/31/08 09:50
Hexachlorobutadiene	50.0	51.8		ug/L	104%	68 - 148	8105387	10/31/08 09:50
2-Hexanone	250	269		ug/L	108%	69 - 148	8105387	10/31/08 09:50
Isopropylbenzene	50.0	55.2		ug/L	110%	80 - 121	8105387	10/31/08 09:50
p-Isopropyltoluene	50.0	45.8		ug/L	92%	79 - 127	8105387	10/31/08 09:50
Methyl tert-Butyl Ether	50.0	54.3		ug/L	109%	70 - 129	8105387	10/31/08 09:50
Methylene Chloride	50.0	48.2		ug/L	96%	76 - 135	8105387	10/31/08 09:50
4-Methyl-2-pentanone	250	264		ug/L	106%	67 - 143	8105387	10/31/08 09:50
Naphthalene	50.0	48.0		ug/L	96%	62 - 141	8105387	10/31/08 09:50
n-Propylbenzene	50.0	51.9		ug/L	104%	80 - 132	8105387	10/31/08 09:50
Styrene	50.0	48.6		ug/L	97%	80 - 139	8105387	10/31/08 09:50
1,1,1,2-Tetrachloroethane	50.0	55.7		ug/L	111%	80 - 135	8105387	10/31/08 09:50
1,1,2,2-Tetrachloroethane	50.0	48.7		ug/L	97%	65 - 145	8105387	10/31/08 09:50
Tetrachloroethene	50.0	50.8		ug/L	102%	80 - 125	8105387	10/31/08 09:50
Toluene	50.0	49.7		ug/L	99%	80 - 125	8105387	10/31/08 09:50
1,2,3-Trichlorobenzene	50.0	54.3		ug/L	109%	57 - 144	8105387	10/31/08 09:50
1,2,4-Trichlorobenzene	50.0	55.5		ug/L	111%	60 - 140	8105387	10/31/08 09:50
1,1,2-Trichloroethane	50.0	52.5		ug/L	105%	80 - 122	8105387	10/31/08 09:50
1,1,1-Trichloroethane	50.0	54.0		ug/L	108%	80 - 131	8105387	10/31/08 09:50
Trichloroethene	50.0	53.3		ug/L	107%	80 - 131	8105387	10/31/08 09:50
Trichlorofluoromethane	50.0	46.8		ug/L	94%	68 - 125	8105387	10/31/08 09:50
1,2,3-Trichloropropane	50.0	44.3		ug/L	89%	60 - 127	8105387	10/31/08 09:50
1,3,5-Trimethylbenzene	50.0	53.4		ug/L	107%	80 - 129	8105387	10/31/08 09:50
1,2,4-Trimethylbenzene	50.0	55.1		ug/L	110%	80 - 128	8105387	10/31/08 09:50
Vinyl chloride	50.0	46.0		ug/L	92%	69 - 120	8105387	10/31/08 09:50
Xylenes, total	150	159		ug/L	106%	80 - 129	8105387	10/31/08 09:50
Surrogate: 1,2-Dichloroethane-d4	25.0	25.1			100%	60 - 140	8105387	10/31/08 09:50
Surrogate: Dibromofluoromethane	25.0	26.0			104%	75 - 124	8105387	10/31/08 09:50
Surrogate: Toluene-d8	25.0	24.8			99%	78 - 121	8105387	10/31/08 09:50
Surrogate: 4-Bromofluorobenzene	25.0	24.8			99%	79 - 124	8105387	10/31/08 09:50

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
8104822-BSD1												
Acetone		355		ug/L	250	142%	62 - 150	15	29	8104822		10/29/08 09:26
Benzene		59.9		ug/L	50.0	120%	80 - 137	17	23	8104822		10/29/08 09:26
Bromobenzene		62.6		ug/L	50.0	125%	74 - 131	15	18	8104822		10/29/08 09:26
Bromochloromethane		64.0		ug/L	50.0	128%	80 - 128	16	18	8104822		10/29/08 09:26
Bromodichloromethane		56.3		ug/L	50.0	113%	80 - 129	15	18	8104822		10/29/08 09:26
Bromoform		52.5		ug/L	50.0	105%	69 - 127	12	24	8104822		10/29/08 09:26
Bromomethane		88.4	L1	ug/L	50.0	177%	62 - 148	20	45	8104822		10/29/08 09:26
2-Butanone		332		ug/L	250	133%	77 - 141	15	36	8104822		10/29/08 09:26
sec-Butylbenzene		65.8		ug/L	50.0	132%	78 - 133	14	17	8104822		10/29/08 09:26
n-Butylbenzene		67.8		ug/L	50.0	136%	72 - 136	16	18	8104822		10/29/08 09:26
tert-Butylbenzene		59.2		ug/L	50.0	118%	77 - 135	15	17	8104822		10/29/08 09:26
Carbon disulfide		64.2	L1	ug/L	50.0	128%	80 - 126	17	16	8104822		10/29/08 09:26
Carbon Tetrachloride		65.6		ug/L	50.0	131%	76 - 143	15	29	8104822		10/29/08 09:26
Chlorobenzene		59.6		ug/L	50.0	119%	80 - 120	18	27	8104822		10/29/08 09:26
Chlorodibromomethane		52.6		ug/L	50.0	105%	76 - 123	15	21	8104822		10/29/08 09:26
Chloroethane		57.2		ug/L	50.0	114%	77 - 127	15	32	8104822		10/29/08 09:26
Chloroform		59.1		ug/L	50.0	118%	80 - 133	16	28	8104822		10/29/08 09:26
Chloromethane		47.5		ug/L	50.0	95%	33 - 125	15	21	8104822		10/29/08 09:26
2-Chlorotoluene		64.3	L1	ug/L	50.0	129%	80 - 127	17	16	8104822		10/29/08 09:26
4-Chlorotoluene		63.0	L1	ug/L	50.0	126%	80 - 127	18	17	8104822		10/29/08 09:26
1,2-Dibromo-3-chloropropane		58.9		ug/L	50.0	118%	60 - 136	18	29	8104822		10/29/08 09:26
1,2-Dibromoethane (EDB)		67.1	L1	ug/L	50.0	134%	80 - 125	17	21	8104822		10/29/08 09:26
Dibromomethane		62.4	L1	ug/L	50.0	125%	80 - 124	13	20	8104822		10/29/08 09:26
1,4-Dichlorobenzene		61.7	L	ug/L	50.0	123%	80 - 120	17	19	8104822		10/29/08 09:26
1,3-Dichlorobenzene		63.5	L1	ug/L	50.0	127%	80 - 123	17	18	8104822		10/29/08 09:26
1,2-Dichlorobenzene		63.8	L1	ug/L	50.0	128%	80 - 122	16	23	8104822		10/29/08 09:26
Dichlorodifluoromethane		47.8	R	ug/L	50.0	96%	36 - 120	17	14	8104822		10/29/08 09:26
1,1-Dichloroethane		63.2	L1	ug/L	50.0	126%	76 - 130	18	15	8104822		10/29/08 09:26
1,2-Dichloroethane		62.0		ug/L	50.0	124%	69 - 136	16	26	8104822		10/29/08 09:26
cis-1,2-Dichloroethene		64.9	L1	ug/L	50.0	130%	80 - 129	18	14	8104822		10/29/08 09:26
1,1-Dichloroethene		63.0		ug/L	50.0	126%	80 - 127	18	26	8104822		10/29/08 09:26
trans-1,2-Dichloroethene		61.1	R	ug/L	50.0	122%	80 - 131	17	14	8104822		10/29/08 09:26
1,3-Dichloropropane		61.9	L1	ug/L	50.0	124%	80 - 122	16	21	8104822		10/29/08 09:26
1,2-Dichloropropane		61.1	L1	ug/L	50.0	122%	80 - 120	15	16	8104822		10/29/08 09:26
2,2-Dichloropropane		68.6	R	ug/L	50.0	137%	62 - 142	17	14	8104822		10/29/08 09:26
cis-1,3-Dichloropropene		61.8		ug/L	50.0	124%	76 - 135	19	19	8104822		10/29/08 09:26
trans-1,3-Dichloropropene		49.5		ug/L	50.0	99%	70 - 137	15	20	8104822		10/29/08 09:26
1,1-Dichloropropene		58.5		ug/L	50.0	117%	80 - 127	14	14	8104822		10/29/08 09:26
Ethylbenzene		63.3	R	ug/L	50.0	127%	80 - 128	18	17	8104822		10/29/08 09:26
Hexachlorobutadiene		65.7		ug/L	50.0	131%	68 - 148	18	34	8104822		10/29/08 09:26
2-Hexanone		327		ug/L	250	131%	69 - 148	18	34	8104822		10/29/08 09:26

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
8104822-BSD1												
Isopropylbenzene		58.6		ug/L	50.0	117%	80 - 121	18	18	8104822		10/29/08 09:26
p-Isopropyltoluene		65.3	L1	ug/L	50.0	131%	79 - 127	17	17	8104822		10/29/08 09:26
Methyl tert-Butyl Ether		63.7		ug/L	50.0	127%	70 - 129	16	32	8104822		10/29/08 09:26
Methylene Chloride		59.4		ug/L	50.0	119%	76 - 135	16	18	8104822		10/29/08 09:26
4-Methyl-2-pentanone		365	L1	ug/L	250	146%	67 - 143	26	31	8104822		10/29/08 09:26
Naphthalene		66.9		ug/L	50.0	134%	62 - 141	14	39	8104822		10/29/08 09:26
n-Propylbenzene		65.3		ug/L	50.0	131%	80 - 132	17	17	8104822		10/29/08 09:26
Styrene		61.1		ug/L	50.0	122%	80 - 139	15	16	8104822		10/29/08 09:26
1,1,1,2-Tetrachloroethane		54.3		ug/L	50.0	109%	80 - 135	17	17	8104822		10/29/08 09:26
1,1,2,2-Tetrachloroethane		63.7		ug/L	50.0	127%	65 - 145	15	28	8104822		10/29/08 09:26
Tetrachloroethene		63.1	L1	ug/L	50.0	126%	80 - 125	17	27	8104822		10/29/08 09:26
Toluene		60.0		ug/L	50.0	120%	80 - 125	18	19	8104822		10/29/08 09:26
1,2,3-Trichlorobenzene		63.9		ug/L	50.0	128%	57 - 144	14	31	8104822		10/29/08 09:26
1,2,4-Trichlorobenzene		58.7		ug/L	50.0	117%	60 - 140	15	26	8104822		10/29/08 09:26
1,1,2-Trichloroethane		63.8	L1	ug/L	50.0	128%	80 - 122	15	21	8104822		10/29/08 09:26
1,1,1-Trichloroethane		63.6		ug/L	50.0	127%	80 - 131	14	16	8104822		10/29/08 09:26
Trichloroethene		62.4		ug/L	50.0	125%	80 - 131	17	28	8104822		10/29/08 09:26
Trichlorofluoromethane		53.6		ug/L	50.0	107%	68 - 125	16	20	8104822		10/29/08 09:26
1,2,3-Trichloropropane		56.8		ug/L	50.0	114%	60 - 127	15	26	8104822		10/29/08 09:26
1,3,5-Trimethylbenzene		65.2	L1	ug/L	50.0	130%	80 - 129	18	16	8104822		10/29/08 09:26
1,2,4-Trimethylbenzene		65.1	L1	ug/L	50.0	130%	80 - 128	15	22	8104822		10/29/08 09:26
Vinyl chloride		51.9		ug/L	50.0	104%	69 - 120	18	26	8104822		10/29/08 09:26
Xylenes, total		194	R	ug/L	150	129%	80 - 129	19	18	8104822		10/29/08 09:26
Surrogate: 1,2-Dichloroethane-d4		51.6		ug/L	50.0	103%	60 - 140			8104822		10/29/08 09:26
Surrogate: Dibromofluoromethane		50.2		ug/L	50.0	100%	75 - 124			8104822		10/29/08 09:26
Surrogate: Toluene-d8		58.0		ug/L	50.0	116%	78 - 121			8104822		10/29/08 09:26
Surrogate: 4-Bromofluorobenzene		49.3		ug/L	50.0	99%	79 - 124			8104822		10/29/08 09:26
8105101-BSD1												
Acetone		272		ug/L	250	109%	62 - 150	3	29	8105101		10/30/08 12:07
Benzene		49.1		ug/L	50.0	98%	80 - 137	1	23	8105101		10/30/08 12:07
Bromobenzene		48.7		ug/L	50.0	97%	74 - 131	4	18	8105101		10/30/08 12:07
Bromochloromethane		48.9		ug/L	50.0	98%	80 - 128	4	18	8105101		10/30/08 12:07
Bromodichloromethane		53.0		ug/L	50.0	106%	80 - 129	3	18	8105101		10/30/08 12:07
Bromoform		58.3		ug/L	50.0	117%	69 - 127	0.4	24	8105101		10/30/08 12:07
Bromomethane		42.6		ug/L	50.0	85%	62 - 148	2	45	8105101		10/30/08 12:07
2-Butanone		293		ug/L	250	117%	77 - 141	5	36	8105101		10/30/08 12:07
sec-Butylbenzene		48.3		ug/L	50.0	97%	78 - 133	0.5	17	8105101		10/30/08 12:07
n-Butylbenzene		57.7		ug/L	50.0	115%	72 - 136	2	18	8105101		10/30/08 12:07
tert-Butylbenzene		54.7		ug/L	50.0	109%	77 - 135	0.5	17	8105101		10/30/08 12:07
Carbon disulfide		52.0		ug/L	50.0	104%	80 - 126	2	16	8105101		10/30/08 12:07

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
8105101-BSD1												
Carbon Tetrachloride		50.9		ug/L	50.0	102%	76 - 143	3	29	8105101		10/30/08 12:07
Chlorobenzene		49.4		ug/L	50.0	99%	80 - 120	1	27	8105101		10/30/08 12:07
Chlorodibromomethane		53.8		ug/L	50.0	108%	76 - 123	3	21	8105101		10/30/08 12:07
Chloroethane		43.0		ug/L	50.0	86%	77 - 127	7	32	8105101		10/30/08 12:07
Chloroform		48.1		ug/L	50.0	96%	80 - 133	2	28	8105101		10/30/08 12:07
Chloromethane		38.4		ug/L	50.0	77%	33 - 125	1	21	8105101		10/30/08 12:07
2-Chlorotoluene		50.7		ug/L	50.0	101%	80 - 127	0.3	16	8105101		10/30/08 12:07
4-Chlorotoluene		48.2		ug/L	50.0	96%	80 - 127	4	17	8105101		10/30/08 12:07
1,2-Dibromo-3-chloropropane		56.1		ug/L	50.0	112%	60 - 136	7	29	8105101		10/30/08 12:07
1,2-Dibromoethane (EDB)		53.8		ug/L	50.0	108%	80 - 125	2	21	8105101		10/30/08 12:07
Dibromomethane		54.7		ug/L	50.0	109%	80 - 124	0.2	20	8105101		10/30/08 12:07
1,4-Dichlorobenzene		48.7		ug/L	50.0	97%	80 - 120	0.02	19	8105101		10/30/08 12:07
1,3-Dichlorobenzene		50.3		ug/L	50.0	101%	80 - 123	1	18	8105101		10/30/08 12:07
1,2-Dichlorobenzene		52.9		ug/L	50.0	106%	80 - 122	1	23	8105101		10/30/08 12:07
Dichlorodifluoromethane		35.4		ug/L	50.0	71%	36 - 120	5	14	8105101		10/30/08 12:07
1,1-Dichloroethane		49.6		ug/L	50.0	99%	76 - 130	1	15	8105101		10/30/08 12:07
1,2-Dichloroethane		51.5		ug/L	50.0	103%	69 - 136	2	26	8105101		10/30/08 12:07
cis-1,2-Dichloroethene		52.1		ug/L	50.0	104%	80 - 129	3	14	8105101		10/30/08 12:07
1,1-Dichloroethene		50.2		ug/L	50.0	100%	80 - 127	0.2	26	8105101		10/30/08 12:07
trans-1,2-Dichloroethene		49.5		ug/L	50.0	99%	80 - 131	4	14	8105101		10/30/08 12:07
1,3-Dichloropropane		51.5		ug/L	50.0	103%	80 - 122	3	21	8105101		10/30/08 12:07
1,2-Dichloropropane		48.7		ug/L	50.0	97%	80 - 120	1	16	8105101		10/30/08 12:07
2,2-Dichloropropane		58.3		ug/L	50.0	117%	62 - 142	5	14	8105101		10/30/08 12:07
cis-1,3-Dichloropropene		55.9		ug/L	50.0	112%	76 - 135	2	19	8105101		10/30/08 12:07
trans-1,3-Dichloropropene		55.6		ug/L	50.0	111%	70 - 137	4	20	8105101		10/30/08 12:07
1,1-Dichloropropene		49.7		ug/L	50.0	99%	80 - 127	4	14	8105101		10/30/08 12:07
Ethylbenzene		50.8		ug/L	50.0	102%	80 - 128	2	17	8105101		10/30/08 12:07
Hexachlorobutadiene		55.9		ug/L	50.0	112%	68 - 148	4	34	8105101		10/30/08 12:07
2-Hexanone		287		ug/L	250	115%	69 - 148	0.5	34	8105101		10/30/08 12:07
Isopropylbenzene		47.4		ug/L	50.0	95%	80 - 121	2	18	8105101		10/30/08 12:07
p-Isopropyltoluene		54.7		ug/L	50.0	109%	79 - 127	0.8	17	8105101		10/30/08 12:07
Methyl tert-Butyl Ether		55.3		ug/L	50.0	111%	70 - 129	3	32	8105101		10/30/08 12:07
Methylene Chloride		48.4		ug/L	50.0	97%	76 - 135	4	18	8105101		10/30/08 12:07
4-Methyl-2-pentanone		273		ug/L	250	109%	67 - 143	0.5	31	8105101		10/30/08 12:07
Naphthalene		63.8		ug/L	50.0	128%	62 - 141	6	39	8105101		10/30/08 12:07
n-Propylbenzene		51.3		ug/L	50.0	103%	80 - 132	0.2	17	8105101		10/30/08 12:07
Styrene		52.1		ug/L	50.0	104%	80 - 139	2	16	8105101		10/30/08 12:07
1,1,1,2-Tetrachloroethane		53.0		ug/L	50.0	106%	80 - 135	2	17	8105101		10/30/08 12:07
1,1,2,2-Tetrachloroethane		50.9		ug/L	50.0	102%	65 - 145	2	28	8105101		10/30/08 12:07
Tetrachloroethene		50.7	B	ug/L	50.0	101%	80 - 125	5	27	8105101		10/30/08 12:07
Toluene		49.0		ug/L	50.0	98%	80 - 125	3	19	8105101		10/30/08 12:07

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
8105101-BSD1												
1,2,3-Trichlorobenzene		59.3		ug/L	50.0	119%	57 - 144	3	31	8105101		10/30/08 12:07
1,2,4-Trichlorobenzene		60.0		ug/L	50.0	120%	60 - 140	3	26	8105101		10/30/08 12:07
1,1,2-Trichloroethane		53.2		ug/L	50.0	106%	80 - 122	2	21	8105101		10/30/08 12:07
1,1,1-Trichloroethane		49.1		ug/L	50.0	98%	80 - 131	2	16	8105101		10/30/08 12:07
Trichloroethene		51.2		ug/L	50.0	102%	80 - 131	0.7	28	8105101		10/30/08 12:07
Trichlorofluoromethane		42.1		ug/L	50.0	84%	68 - 125	3	20	8105101		10/30/08 12:07
1,2,3-Trichloropropane		49.0		ug/L	50.0	98%	60 - 127	6	26	8105101		10/30/08 12:07
1,3,5-Trimethylbenzene		53.4		ug/L	50.0	107%	80 - 129	2	16	8105101		10/30/08 12:07
1,2,4-Trimethylbenzene		55.2		ug/L	50.0	110%	80 - 128	0.8	22	8105101		10/30/08 12:07
Vinyl chloride		40.7		ug/L	50.0	81%	69 - 120	0.5	26	8105101		10/30/08 12:07
Xylenes, total		151		ug/L	150	101%	80 - 129	2	18	8105101		10/30/08 12:07
Surrogate: 1,2-Dichloroethane-d4		24.4		ug/L	25.0	98%	60 - 140			8105101		10/30/08 12:07
Surrogate: Dibromofluoromethane		25.8		ug/L	25.0	103%	75 - 124			8105101		10/30/08 12:07
Surrogate: Toluene-d8		25.2		ug/L	25.0	101%	78 - 121			8105101		10/30/08 12:07
Surrogate: 4-Bromofluorobenzene		24.6		ug/L	25.0	98%	79 - 124			8105101		10/30/08 12:07
8105321-BSD1												
Acetone		281		ug/L	250	112%	62 - 150	1	29	8105321		10/31/08 09:08
Benzene		51.7		ug/L	50.0	103%	80 - 137	1	23	8105321		10/31/08 09:08
Bromobenzene		47.6		ug/L	50.0	95%	74 - 131	0.1	18	8105321		10/31/08 09:08
Bromochloromethane		54.1		ug/L	50.0	108%	80 - 128	2	18	8105321		10/31/08 09:08
Bromodichloromethane		57.8		ug/L	50.0	116%	80 - 129	0.4	18	8105321		10/31/08 09:08
Bromoform		56.0		ug/L	50.0	112%	69 - 127	1	24	8105321		10/31/08 09:08
Bromomethane		99.6	L1	ug/L	50.0	199%	62 - 148	2	45	8105321		10/31/08 09:08
2-Butanone		269		ug/L	250	108%	77 - 141	0.3	36	8105321		10/31/08 09:08
sec-Butylbenzene		50.4		ug/L	50.0	101%	78 - 133	3	17	8105321		10/31/08 09:08
n-Butylbenzene		48.8		ug/L	50.0	98%	72 - 136	0.3	18	8105321		10/31/08 09:08
tert-Butylbenzene		49.6		ug/L	50.0	99%	77 - 135	0.9	17	8105321		10/31/08 09:08
Carbon disulfide		54.2		ug/L	50.0	108%	80 - 126	0.5	16	8105321		10/31/08 09:08
Carbon Tetrachloride		62.9		ug/L	50.0	126%	76 - 143	0.2	29	8105321		10/31/08 09:08
Chlorobenzene		49.6		ug/L	50.0	99%	80 - 120	1	27	8105321		10/31/08 09:08
Chlorodibromomethane		55.0		ug/L	50.0	110%	76 - 123	2	21	8105321		10/31/08 09:08
Chloroethane		54.7		ug/L	50.0	109%	77 - 127	2	32	8105321		10/31/08 09:08
Chloroform		57.2		ug/L	50.0	114%	80 - 133	5	28	8105321		10/31/08 09:08
Chloromethane		37.3		ug/L	50.0	75%	33 - 125	1	21	8105321		10/31/08 09:08
2-Chlorotoluene		48.4		ug/L	50.0	97%	80 - 127	0.8	16	8105321		10/31/08 09:08
4-Chlorotoluene		47.4		ug/L	50.0	95%	80 - 127	3	17	8105321		10/31/08 09:08
1,2-Dibromo-3-chloropropane		56.0		ug/L	50.0	112%	60 - 136	1	29	8105321		10/31/08 09:08
1,2-Dibromoethane (EDB)		50.6		ug/L	50.0	101%	80 - 125	0.8	21	8105321		10/31/08 09:08
Dibromomethane		54.2		ug/L	50.0	108%	80 - 124	2	20	8105321		10/31/08 09:08
1,4-Dichlorobenzene		48.2		ug/L	50.0	96%	80 - 120	2	19	8105321		10/31/08 09:08

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
8105321-BSD1												
1,3-Dichlorobenzene		49.3		ug/L	50.0	99%	80 - 123	3	18	8105321		10/31/08 09:08
1,2-Dichlorobenzene		49.7		ug/L	50.0	99%	80 - 122	3	23	8105321		10/31/08 09:08
Dichlorodifluoromethane		36.0		ug/L	50.0	72%	36 - 120	1	14	8105321		10/31/08 09:08
1,1-Dichloroethane		54.0		ug/L	50.0	108%	76 - 130	0.1	15	8105321		10/31/08 09:08
1,2-Dichloroethane		56.8		ug/L	50.0	114%	69 - 136	2	26	8105321		10/31/08 09:08
cis-1,2-Dichloroethene		54.3		ug/L	50.0	109%	80 - 129	0.4	14	8105321		10/31/08 09:08
1,1-Dichloroethene		52.9		ug/L	50.0	106%	80 - 127	3	26	8105321		10/31/08 09:08
trans-1,2-Dichloroethene		53.2		ug/L	50.0	106%	80 - 131	0.4	14	8105321		10/31/08 09:08
1,3-Dichloropropane		49.2		ug/L	50.0	98%	80 - 122	1	21	8105321		10/31/08 09:08
1,2-Dichloropropane		49.9		ug/L	50.0	100%	80 - 120	1	16	8105321		10/31/08 09:08
2,2-Dichloropropane		39.2		ug/L	50.0	78%	62 - 142	2	14	8105321		10/31/08 09:08
cis-1,3-Dichloropropene		50.1		ug/L	50.0	100%	76 - 135	3	19	8105321		10/31/08 09:08
trans-1,3-Dichloropropene		50.6		ug/L	50.0	101%	70 - 137	0.2	20	8105321		10/31/08 09:08
1,1-Dichloropropene		52.9		ug/L	50.0	106%	80 - 127	0.2	14	8105321		10/31/08 09:08
Ethylbenzene		49.2		ug/L	50.0	98%	80 - 128	1	17	8105321		10/31/08 09:08
Hexachlorobutadiene		54.6		ug/L	50.0	109%	68 - 148	4	34	8105321		10/31/08 09:08
2-Hexanone		248		ug/L	250	99%	69 - 148	3	34	8105321		10/31/08 09:08
Isopropylbenzene		48.2		ug/L	50.0	96%	80 - 121	2	18	8105321		10/31/08 09:08
p-Isopropyltoluene		49.2		ug/L	50.0	98%	79 - 127	2	17	8105321		10/31/08 09:08
Methyl tert-Butyl Ether		55.3		ug/L	50.0	111%	70 - 129	0.3	32	8105321		10/31/08 09:08
Methylene Chloride		53.4		ug/L	50.0	107%	76 - 135	2	18	8105321		10/31/08 09:08
4-Methyl-2-pentanone		241		ug/L	250	96%	67 - 143	2	31	8105321		10/31/08 09:08
Naphthalene		60.4		ug/L	50.0	121%	62 - 141	1	39	8105321		10/31/08 09:08
n-Propylbenzene		48.1		ug/L	50.0	96%	80 - 132	3	17	8105321		10/31/08 09:08
Styrene		56.4		ug/L	50.0	113%	80 - 139	0.6	16	8105321		10/31/08 09:08
1,1,1,2-Tetrachloroethane		56.8		ug/L	50.0	114%	80 - 135	0.9	17	8105321		10/31/08 09:08
1,1,2,2-Tetrachloroethane		50.5		ug/L	50.0	101%	65 - 145	3	28	8105321		10/31/08 09:08
Tetrachloroethene		49.3		ug/L	50.0	99%	80 - 125	0.9	27	8105321		10/31/08 09:08
Toluene		47.9		ug/L	50.0	96%	80 - 125	1	19	8105321		10/31/08 09:08
1,2,3-Trichlorobenzene		56.4		ug/L	50.0	113%	57 - 144	1	31	8105321		10/31/08 09:08
1,2,4-Trichlorobenzene		54.8		ug/L	50.0	110%	60 - 140	1	26	8105321		10/31/08 09:08
1,1,2-Trichloroethane		49.2		ug/L	50.0	98%	80 - 122	0.1	21	8105321		10/31/08 09:08
1,1,1-Trichloroethane		56.3		ug/L	50.0	113%	80 - 131	1	16	8105321		10/31/08 09:08
Trichloroethene		55.0		ug/L	50.0	110%	80 - 131	1	28	8105321		10/31/08 09:08
Trichlorofluoromethane		47.2		ug/L	50.0	94%	68 - 125	0.7	20	8105321		10/31/08 09:08
1,2,3-Trichloropropane		47.3		ug/L	50.0	95%	60 - 127	2	26	8105321		10/31/08 09:08
1,3,5-Trimethylbenzene		51.8		ug/L	50.0	104%	80 - 129	0.3	16	8105321		10/31/08 09:08
1,2,4-Trimethylbenzene		50.6		ug/L	50.0	101%	80 - 128	0.6	22	8105321		10/31/08 09:08
Vinyl chloride		41.8		ug/L	50.0	84%	69 - 120	0.05	26	8105321		10/31/08 09:08
Xylenes, total		152		ug/L	150	102%	80 - 129	1	18	8105321		10/31/08 09:08
Surrogate: 1,2-Dichloroethane-d4		54.4		ug/L	50.0	109%	60 - 140			8105321		10/31/08 09:08

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
8105321-BSD1												
Surrogate: Dibromofluoromethane		52.5		ug/L	50.0	105%	75 - 124			8105321		10/31/08 09:08
Surrogate: Toluene-d8		48.5		ug/L	50.0	97%	78 - 121			8105321		10/31/08 09:08
Surrogate: 4-Bromofluorobenzene		49.4		ug/L	50.0	99%	79 - 124			8105321		10/31/08 09:08
8105387-BSD1												
Acetone		271		ug/L	250	108%	62 - 150	2	29	8105387		10/31/08 10:20
Benzene		51.0		ug/L	50.0	102%	80 - 137	0.3	23	8105387		10/31/08 10:20
Bromobenzene		48.7		ug/L	50.0	97%	74 - 131	0.9	18	8105387		10/31/08 10:20
Bromochloromethane		51.6		ug/L	50.0	103%	80 - 128	0.4	18	8105387		10/31/08 10:20
Bromodichloromethane		59.3	R2	ug/L	50.0	119%	80 - 129	19	18	8105387		10/31/08 10:20
Bromoform		46.9		ug/L	50.0	94%	69 - 127	0.8	24	8105387		10/31/08 10:20
Bromomethane		45.5		ug/L	50.0	91%	62 - 148	3	45	8105387		10/31/08 10:20
2-Butanone		272		ug/L	250	109%	77 - 141	5	36	8105387		10/31/08 10:20
sec-Butylbenzene		55.1		ug/L	50.0	110%	78 - 133	0.5	17	8105387		10/31/08 10:20
n-Butylbenzene		55.7		ug/L	50.0	111%	72 - 136	1	18	8105387		10/31/08 10:20
tert-Butylbenzene		55.8		ug/L	50.0	112%	77 - 135	0.7	17	8105387		10/31/08 10:20
Carbon disulfide		56.8		ug/L	50.0	114%	80 - 126	0.09	16	8105387		10/31/08 10:20
Carbon Tetrachloride		55.5		ug/L	50.0	111%	76 - 143	0.4	29	8105387		10/31/08 10:20
Chlorobenzene		49.5		ug/L	50.0	99%	80 - 120	0.8	27	8105387		10/31/08 10:20
Chlorodibromomethane		46.9		ug/L	50.0	94%	76 - 123	0.3	21	8105387		10/31/08 10:20
Chloroethane		45.7		ug/L	50.0	91%	77 - 127	0.07	32	8105387		10/31/08 10:20
Chloroform		51.6		ug/L	50.0	103%	80 - 133	0.4	28	8105387		10/31/08 10:20
Chloromethane		41.5		ug/L	50.0	83%	33 - 125	2	21	8105387		10/31/08 10:20
2-Chlorotoluene		51.0		ug/L	50.0	102%	80 - 127	1	16	8105387		10/31/08 10:20
4-Chlorotoluene		50.4		ug/L	50.0	101%	80 - 127	0.1	17	8105387		10/31/08 10:20
1,2-Dibromo-3-chloropropane		48.9		ug/L	50.0	98%	60 - 136	3	29	8105387		10/31/08 10:20
1,2-Dibromoethane (EDB)		53.9		ug/L	50.0	108%	80 - 125	1	21	8105387		10/31/08 10:20
Dibromomethane		53.7		ug/L	50.0	107%	80 - 124	2	20	8105387		10/31/08 10:20
1,4-Dichlorobenzene		47.2		ug/L	50.0	94%	80 - 120	0.6	19	8105387		10/31/08 10:20
1,3-Dichlorobenzene		50.6		ug/L	50.0	101%	80 - 123	0.7	18	8105387		10/31/08 10:20
1,2-Dichlorobenzene		51.0		ug/L	50.0	102%	80 - 122	0.5	23	8105387		10/31/08 10:20
Dichlorodifluoromethane		41.5		ug/L	50.0	83%	36 - 120	3	14	8105387		10/31/08 10:20
1,1-Dichloroethane		50.8		ug/L	50.0	102%	76 - 130	0.2	15	8105387		10/31/08 10:20
1,2-Dichloroethane		51.2		ug/L	50.0	102%	69 - 136	1	26	8105387		10/31/08 10:20
cis-1,2-Dichloroethene		52.3		ug/L	50.0	105%	80 - 129	1	14	8105387		10/31/08 10:20
1,1-Dichloroethene		51.8		ug/L	50.0	104%	80 - 127	0.4	26	8105387		10/31/08 10:20
trans-1,2-Dichloroethene		51.0		ug/L	50.0	102%	80 - 131	1	14	8105387		10/31/08 10:20
1,3-Dichloropropane		51.3		ug/L	50.0	103%	80 - 122	0.8	21	8105387		10/31/08 10:20
1,2-Dichloropropane		48.6		ug/L	50.0	97%	80 - 120	0.5	16	8105387		10/31/08 10:20
2,2-Dichloropropane		58.8		ug/L	50.0	118%	62 - 142	0.9	14	8105387		10/31/08 10:20
cis-1,3-Dichloropropene		47.6		ug/L	50.0	95%	76 - 135	0.6	19	8105387		10/31/08 10:20

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
8105387-BSD1												
trans-1,3-Dichloropropene		45.6		ug/L	50.0	91%	70 - 137	0.4	20	8105387		10/31/08 10:20
1,1-Dichloropropene		51.6		ug/L	50.0	103%	80 - 127	0.6	14	8105387		10/31/08 10:20
Ethylbenzene		52.6		ug/L	50.0	105%	80 - 128	0.5	17	8105387		10/31/08 10:20
Hexachlorobutadiene		51.2		ug/L	50.0	102%	68 - 148	1	34	8105387		10/31/08 10:20
2-Hexanone		279		ug/L	250	111%	69 - 148	3	34	8105387		10/31/08 10:20
Isopropylbenzene		54.5		ug/L	50.0	109%	80 - 121	1	18	8105387		10/31/08 10:20
p-Isopropyltoluene		45.7		ug/L	50.0	91%	79 - 127	0.3	17	8105387		10/31/08 10:20
Methyl tert-Butyl Ether		55.4		ug/L	50.0	111%	70 - 129	2	32	8105387		10/31/08 10:20
Methylene Chloride		48.2		ug/L	50.0	96%	76 - 135	0.06	18	8105387		10/31/08 10:20
4-Methyl-2-pentanone		273		ug/L	250	109%	67 - 143	3	31	8105387		10/31/08 10:20
Naphthalene		49.6		ug/L	50.0	99%	62 - 141	3	39	8105387		10/31/08 10:20
n-Propylbenzene		51.8		ug/L	50.0	104%	80 - 132	0.3	17	8105387		10/31/08 10:20
Styrene		48.9		ug/L	50.0	98%	80 - 139	0.7	16	8105387		10/31/08 10:20
1,1,1,2-Tetrachloroethane		55.9		ug/L	50.0	112%	80 - 135	0.3	17	8105387		10/31/08 10:20
1,1,2,2-Tetrachloroethane		49.8		ug/L	50.0	100%	65 - 145	2	28	8105387		10/31/08 10:20
Tetrachloroethene		50.4		ug/L	50.0	101%	80 - 125	0.7	27	8105387		10/31/08 10:20
Toluene		49.4		ug/L	50.0	99%	80 - 125	0.6	19	8105387		10/31/08 10:20
1,2,3-Trichlorobenzene		55.3		ug/L	50.0	111%	57 - 144	2	31	8105387		10/31/08 10:20
1,2,4-Trichlorobenzene		56.3		ug/L	50.0	113%	60 - 140	1	26	8105387		10/31/08 10:20
1,1,2-Trichloroethane		52.8		ug/L	50.0	106%	80 - 122	0.5	21	8105387		10/31/08 10:20
1,1,1-Trichloroethane		53.6		ug/L	50.0	107%	80 - 131	0.8	16	8105387		10/31/08 10:20
Trichloroethene		53.5		ug/L	50.0	107%	80 - 131	0.3	28	8105387		10/31/08 10:20
Trichlorofluoromethane		46.3		ug/L	50.0	93%	68 - 125	1	20	8105387		10/31/08 10:20
1,2,3-Trichloropropane		44.4		ug/L	50.0	89%	60 - 127	0.2	26	8105387		10/31/08 10:20
1,3,5-Trimethylbenzene		53.1		ug/L	50.0	106%	80 - 129	0.5	16	8105387		10/31/08 10:20
1,2,4-Trimethylbenzene		55.3		ug/L	50.0	111%	80 - 128	0.4	22	8105387		10/31/08 10:20
Vinyl chloride		45.8		ug/L	50.0	92%	69 - 120	0.7	26	8105387		10/31/08 10:20
Xylenes, total		158		ug/L	150	105%	80 - 129	0.7	18	8105387		10/31/08 10:20
Surrogate: 1,2-Dichloroethane-d4		25.2		ug/L	25.0	101%	60 - 140			8105387		10/31/08 10:20
Surrogate: Dibromofluoromethane		25.7		ug/L	25.0	103%	75 - 124			8105387		10/31/08 10:20
Surrogate: Toluene-d8		24.8		ug/L	25.0	99%	78 - 121			8105387		10/31/08 10:20
Surrogate: 4-Bromofluorobenzene		24.8		ug/L	25.0	99%	79 - 124			8105387		10/31/08 10:20

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	AIHA	Nelac	Illinois
SW846 8082	Water	N/A	X	X
SW846 8260B	Water	N/A	X	X

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2864
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/24/08 08:15

DATA QUALIFIERS AND DEFINITIONS

B	Analyte was detected in the associated Method Blank.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.
R	The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.
R2	The RPD exceeded the acceptance limit.
ND	Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER REC

NRJ2864

Cooler Received/Opened On 10/24/08 @ 08:15

1. Tracking # 2910 (last 4 digits, FedEx)

Courier: ___FED-EX IR Gun ID___A01124

2. Temperature of rep. sample or temp blank when opened: 9.9 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

   If yes, how many and where: 1-FRONT

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

   Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

   b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

Custody seal on the bubblewrap for each set of VOAs.

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

   b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

   If preservation in-house was needed, record standard ID of preservative used here_____

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# 51097

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 9/6/07

TestAmerica
ANALYTICAL TESTING CORPORATION
Nashville, TN

COOLER RECEIPT FORM

9710 2329 2921

Cooler Received/Opened On: 10/24/08 @ 8:15

1. Tracking # 2921 (last 4 digits, FedEx)

   Fed-ex IR Gun ID:95610068

2. Temperature of rep. sample or temp blank when opened: 10.2 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

   If yes, how many and where: 1 Front / 1 Back

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and intact YES...NO...NA

   Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

   b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

   b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

   If preservation in-house was needed, record standard ID of preservative used here_____

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#51092

BIS = Broken in shipment

End of Form

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax:(615) 726-3404

Client: Mabbett & Associates, Inc. (10615)
Address: 5 Alfred Circle
City, State, Zip: Bedford MA 01730
Client Invoice Contact: Attn: Accounts Payable
Client Project Mgr: Kiran Sears
Client Telephone#: (781) 275-6050 Fax: (781) 275-5651
Sampler Name (Print) Kiran Sears
SamplerSignature: Kiran Sears

TA Account #: 1408030 PO #:
Invoice to: Mabbett & Associates, Inc. (10615)
Report to: ~~Julie Heimerdinger~~ Kiran Sears
Project Name: Bodycote
Facility ID: 1998002.242/244
Site Address:
City,State,Zip: Illinois
Regulatory District (CA):

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	Analyze for: 8082 PCBs	8082 PCBs in Oil	8260B Volatile Organics	Cyanide Dissociable SM4500-CN I	Cyanide Total 9012B	RUSH TAT (Pre Schedule) *	
MCA-2	10/23	1200	5	✓					✓					✓	✓						✓		✓				-1
M&A-103	10/23	1025	5	✓					✓					✓	✓						✓		✓				-2
M&A-104	10/23	1025	5	✓					✓					✓	✓						✓		✓				-3
M&A-105	10/23	1355	3	✓					✓						✓								✓				-4
M&A-110	10/23	1115	2	✓										✓	✓						✓						-5
M&A-112	10/23	0825	5	✓					✓					✓	✓						✓		✓				-6
M&A-113	10/23	0930	5	✓					✓					✓	✓						✓		✓				-7
M&A-119	10/23	0940	3	✓					✓						✓								✓				-8
M&A-126	10/23	0830	5	✓					✓					✓	✓						✓		✓				-9
M&A-301	10/22	1430	5	✓					✓					✓	✓						✓		✓				-10

NRJ2864
11/04/08 23:59

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.
* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments;additional charges may be assessed.
There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 12433
M&A-113 VOC samples are potentially very high in TCE

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
Kiran Sears	10/23/08	1600						

Shipped Via: FedEx
Shipped Via:

Received for TestAmerica by:	Date:	Time:	Temperature Upon Receipt: 9.9, 10.2	Sample Containers Intact? Y N	VOCs Free of Headspace? Y N
[signature]	10-24-08	0815			

QC Deliverables (Please Circle One): Level 2 Level 3 Level 4 Site Specific
(If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)

Date Due of Report:

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax:(615) 726-3404

Client: Mabbett & Associates, Inc. (10615)
Address: 5 Alfred Circle
City, State, Zip: Bedford MA 01730
Client Invoice Contact: Attn: Accounts Payable
Client Project Mgr: Kiran Sears
Client Telephone#: (781) 275-6050 Fax: (781) 275-5651
Sampler Name (Print) Kiran Sears
SamplerSignature: Kiran Sears

TA Account #: 1408030 PO #:
Invoice to: Mabbett & Associates, Inc. (10615)
Report to: ~~Julie Heinerdinger~~ Kiran Sears
Project Name: Bodycote
Facility ID: 1998002.242/244
Site Address:
City,State,Zip: Illinois
Regulatory District (CA):

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	Analyze for: 8082 PCBs	8082 PCBs in Oil	8260B Volatile Organics	Cyanide Dissociable SM4500-CN I	Cyanide Total 9012B										RUSH TAT (Pre Schedule) *
TRIP BLANK	—	—	1	✓					✓						✓								✓													~11

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.
* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments;additional charges may be assessed.
There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: *BO # 12433*

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
Kiran Sears	10/23/08	1600						

Shipped Via:	Received for TestAmerica by:	Date:	Time:	Shipped Via:	Temperature Upon Receipt: 9.9, 10.2	Sample Containers Intact? Y N / VOCs Free of Headspace? Y N	QC Deliverables (Please Circle One): Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)	Date Due of Report:
Fed Ex	[illegible]	10-24-08	0815					

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

October 29, 2008 1:54:20PM

Client: Mabbett & Associates, Inc. (10615)
5 Alfred Circle
Bedford, MA 01730
Attn: Julie Heimerdinger

Work Order: NRJ2496
Project Name: Bodycote
Project Nbr: 1998002.242/244
P/O Nbr:
Date Received: 10/23/08

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MCA-5	NRJ2496-01	10/22/08 10:15
M&A-106	NRJ2496-02	10/22/08 09:35
M&A-111	NRJ2496-03	10/22/08 11:25
M&A-115	NRJ2496-04	10/22/08 09:40
M&A-116	NRJ2496-05	10/22/08 08:10
M&A-117	NRJ2496-06	10/22/08 09:00
M&A-120	NRJ2496-07	10/22/08 08:15
M&A-121	NRJ2496-08	10/22/08 09:10
M&A-122	NRJ2496-09	10/22/08 13:45
M&A-124	NRJ2496-10	10/22/08 10:50
Trip Blank	NRJ2496-11	10/22/08 00:01

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

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Illinois Certification Number: 200010

RELEASED
9/21/20 – 2020-003646
TJW per CLM

The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainty is available upon request.
This report has been electronically signed.
Report Approved By:

Roxanne L. Connor

Roxanne Connor

Program Manager - Conventional Accounts

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2496-01 (MCA-5 - Ground Water) Sampled: 10/22/08 10:15								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/27/08 00:07	SW846 8082	8104137
PCB-1221	ND		ug/L	0.500	1	10/27/08 00:07	SW846 8082	8104137
PCB-1232	ND		ug/L	0.500	1	10/27/08 00:07	SW846 8082	8104137
PCB-1242	ND		ug/L	0.500	1	10/27/08 00:07	SW846 8082	8104137
PCB-1248	ND		ug/L	0.500	1	10/27/08 00:07	SW846 8082	8104137
PCB-1254	ND		ug/L	0.500	1	10/27/08 00:07	SW846 8082	8104137
PCB-1260	ND		ug/L	0.500	1	10/27/08 00:07	SW846 8082	8104137
Surr: Tetrachloro-meta-xylene (29-137%)	*87 %*					*10/27/08 00:07*	*SW846 8082*	*8104137*
Surr: Decachlorobiphenyl (10-146%)	*26 %*					*10/27/08 00:07*	*SW846 8082*	*8104137*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/24/08 16:18	SW846 8260B	8104118
Benzene	**1.24**		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
Bromobenzene	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
Bromochloromethane	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
Bromodichloromethane	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
Bromoform	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
Bromomethane	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
2-Butanone	ND		ug/L	50.0	1	10/24/08 16:18	SW846 8260B	8104118
sec-Butylbenzene	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
n-Butylbenzene	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
tert-Butylbenzene	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
Carbon disulfide	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
Carbon Tetrachloride	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
Chlorobenzene	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
Chlorodibromomethane	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
Chloroethane	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
Chloroform	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
Chloromethane	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
2-Chlorotoluene	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
4-Chlorotoluene	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/24/08 16:18	SW846 8260B	8104118
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
Dibromomethane	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
1,1-Dichloroethane	**4.93**		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
1,2-Dichloroethane	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
cis-1,2-Dichloroethene	**51400**		ug/L	500	500	10/25/08 22:08	SW846 8260B	8104334
1,1-Dichloroethene	**166**		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
trans-1,2-Dichloroethene	**987**		ug/L	50.0	50	10/25/08 21:41	SW846 8260B	8104334
1,3-Dichloropropane	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2496-01 (MCA-5 - Ground Water) - cont. Sampled: 10/22/08 10:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloropropane	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
2,2-Dichloropropane	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
1,1-Dichloropropene	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
Ethylbenzene	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
Hexachlorobutadiene	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
2-Hexanone	ND		ug/L	50.0	1	10/24/08 16:18	SW846 8260B	8104118
Isopropylbenzene	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
p-Isopropyltoluene	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
Methylene Chloride	ND		ug/L	5.00	1	10/24/08 16:18	SW846 8260B	8104118
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/24/08 16:18	SW846 8260B	8104118
Naphthalene	ND		ug/L	5.00	1	10/24/08 16:18	SW846 8260B	8104118
n-Propylbenzene	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
Styrene	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
Tetrachloroethene	**62.3**		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
Toluene	**12.0**		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
Trichloroethene	**67700**		ug/L	500	500	10/25/08 22:08	SW846 8260B	8104334
Trichlorofluoromethane	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/24/08 16:18	SW846 8260B	8104118
Vinyl chloride	**9080**		ug/L	50.0	50	10/25/08 21:41	SW846 8260B	8104334
Xylenes, total	ND		ug/L	3.00	1	10/24/08 16:18	SW846 8260B	8104118
Surr: 1,2-Dichloroethane-d4 (60-140%)	*98 %*					*10/24/08 16:18*	*SW846 8260B*	*8104118*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*111 %*					*10/25/08 21:41*	*SW846 8260B*	*8104334*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*110 %*					*10/25/08 22:08*	*SW846 8260B*	*8104334*
Surr: Dibromofluoromethane (75-124%)	*100 %*					*10/24/08 16:18*	*SW846 8260B*	*8104118*
Surr: Dibromofluoromethane (75-124%)	*105 %*					*10/25/08 21:41*	*SW846 8260B*	*8104334*
Surr: Dibromofluoromethane (75-124%)	*106 %*					*10/25/08 22:08*	*SW846 8260B*	*8104334*
Surr: Toluene-d8 (78-121%)	*96 %*					*10/24/08 16:18*	*SW846 8260B*	*8104118*
Surr: Toluene-d8 (78-121%)	*98 %*					*10/25/08 21:41*	*SW846 8260B*	*8104334*
Surr: Toluene-d8 (78-121%)	*95 %*					*10/25/08 22:08*	*SW846 8260B*	*8104334*
Surr: 4-Bromofluorobenzene (79-124%)	*100 %*					*10/24/08 16:18*	*SW846 8260B*	*8104118*
Surr: 4-Bromofluorobenzene (79-124%)	*100 %*					*10/25/08 21:41*	*SW846 8260B*	*8104334*
Surr: 4-Bromofluorobenzene (79-124%)	*100 %*					*10/25/08 22:08*	*SW846 8260B*	*8104334*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2496-02 (M&A-106 - Ground Water) Sampled: 10/22/08 09:35								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/27/08 00:27	SW846 8082	8104137
PCB-1221	ND		ug/L	0.500	1	10/27/08 00:27	SW846 8082	8104137
PCB-1232	ND		ug/L	0.500	1	10/27/08 00:27	SW846 8082	8104137
PCB-1242	ND		ug/L	0.500	1	10/27/08 00:27	SW846 8082	8104137
PCB-1248	ND		ug/L	0.500	1	10/27/08 00:27	SW846 8082	8104137
PCB-1254	ND		ug/L	0.500	1	10/27/08 00:27	SW846 8082	8104137
PCB-1260	ND		ug/L	0.500	1	10/27/08 00:27	SW846 8082	8104137
Surr: Tetrachloro-meta-xylene (29-137%)	*89 %*					*10/27/08 00:27*	*SW846 8082*	*8104137*
Surr: Decachlorobiphenyl (10-146%)	*46 %*					*10/27/08 00:27*	*SW846 8082*	*8104137*
Sample ID: NRJ2496-03 (M&A-111 - Ground Water) Sampled: 10/22/08 11:25								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/27/08 00:47	SW846 8082	8104137
PCB-1221	ND		ug/L	0.500	1	10/27/08 00:47	SW846 8082	8104137
PCB-1232	ND		ug/L	0.500	1	10/27/08 00:47	SW846 8082	8104137
PCB-1242	ND		ug/L	0.500	1	10/27/08 00:47	SW846 8082	8104137
PCB-1248	**1.16**	R10	ug/L	0.500	1	10/28/08 18:24	SW846 8082	8104137
PCB-1254	ND		ug/L	0.500	1	10/27/08 00:47	SW846 8082	8104137
Surr: Tetrachloro-meta-xylene (29-137%)	*120 %*					*10/28/08 18:24*	*SW846 8082*	*8104137*
Surr: Decachlorobiphenyl (10-146%)	*52 %*					*10/28/08 18:24*	*SW846 8082*	*8104137*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/24/08 16:44	SW846 8260B	8104118
Benzene	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
Bromobenzene	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
Bromochloromethane	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
Bromodichloromethane	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
Bromoform	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
Bromomethane	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
2-Butanone	ND		ug/L	50.0	1	10/24/08 16:44	SW846 8260B	8104118
sec-Butylbenzene	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
n-Butylbenzene	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
tert-Butylbenzene	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
Carbon disulfide	**4.33**		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
Carbon Tetrachloride	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
Chlorobenzene	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
Chlorodibromomethane	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
Chloroethane	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
Chloroform	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
Chloromethane	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
2-Chlorotoluene	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
4-Chlorotoluene	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/24/08 16:44	SW846 8260B	8104118
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

ANALYTICAL REPORT

Sample ID: NRJ2496-03 (M&A-111 - Ground Water) - cont. Sampled: 10/22/08 11:25

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Dibromomethane	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
1,1-Dichloroethane	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
1,2-Dichloroethane	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
cis-1,2-Dichloroethene	**4760**		ug/L	100	100	10/25/08 22:34	SW846 8260B	8104334
1,1-Dichloroethene	**12.2**		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
trans-1,2-Dichloroethene	**9.85**	B	ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
1,3-Dichloropropane	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
1,2-Dichloropropane	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
2,2-Dichloropropane	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
1,1-Dichloropropene	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
Ethylbenzene	**1.07**		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
Hexachlorobutadiene	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
2-Hexanone	ND		ug/L	50.0	1	10/24/08 16:44	SW846 8260B	8104118
Isopropylbenzene	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
p-Isopropyltoluene	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
Methylene Chloride	ND		ug/L	5.00	1	10/24/08 16:44	SW846 8260B	8104118
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/24/08 16:44	SW846 8260B	8104118
Naphthalene	ND		ug/L	5.00	1	10/24/08 16:44	SW846 8260B	8104118
n-Propylbenzene	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
Styrene	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
Tetrachloroethene	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
Toluene	**2.62**		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
Trichloroethene	**64.4**	CF7	ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
Trichlorofluoromethane	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/24/08 16:44	SW846 8260B	8104118
Vinyl chloride	**8170**		ug/L	100	100	10/25/08 22:34	SW846 8260B	8104334
Xylenes, total	ND		ug/L	3.00	1	10/24/08 16:44	SW846 8260B	8104118
Surr: 1,2-Dichloroethane-d4 (60-140%)	*100 %*					*10/24/08 16:44*	*SW846 8260B*	*8104118*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2496-03 (M&A-111 - Ground Water) - cont. Sampled: 10/22/08 11:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: 1,2-Dichloroethane-d4 (60-140%)	*116 %*					*10/25/08 22:34*	*SW846 8260B*	*8104334*
Surr: Dibromofluoromethane (75-124%)	*102 %*					*10/24/08 16:44*	*SW846 8260B*	*8104118*
Surr: Dibromofluoromethane (75-124%)	*106 %*					*10/25/08 22:34*	*SW846 8260B*	*8104334*
Surr: Toluene-d8 (78-121%)	*96 %*					*10/24/08 16:44*	*SW846 8260B*	*8104118*
Surr: Toluene-d8 (78-121%)	*97 %*					*10/25/08 22:34*	*SW846 8260B*	*8104334*
Surr: 4-Bromofluorobenzene (79-124%)	*99 %*					*10/24/08 16:44*	*SW846 8260B*	*8104118*
Surr: 4-Bromofluorobenzene (79-124%)	*105 %*					*10/25/08 22:34*	*SW846 8260B*	*8104334*
Sample ID: NRJ2496-04 (M&A-115 - Ground Water) Sampled: 10/22/08 09:40								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/24/08 17:11	SW846 8260B	8104118
Benzene	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
Bromobenzene	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
Bromochloromethane	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
Bromodichloromethane	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
Bromoform	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
Bromomethane	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
2-Butanone	ND		ug/L	50.0	1	10/24/08 17:11	SW846 8260B	8104118
sec-Butylbenzene	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
n-Butylbenzene	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
tert-Butylbenzene	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
Carbon disulfide	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
Carbon Tetrachloride	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
Chlorobenzene	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
Chlorodibromomethane	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
Chloroethane	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
Chloroform	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
Chloromethane	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
2-Chlorotoluene	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
4-Chlorotoluene	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/24/08 17:11	SW846 8260B	8104118
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
Dibromomethane	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
1,1-Dichloroethane	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
1,2-Dichloroethane	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
cis-1,2-Dichloroethene	**393**		ug/L	5.00	5	10/25/08 21:15	SW846 8260B	8104334
1,1-Dichloroethene	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
trans-1,2-Dichloroethene	**2.94**		ug/L	1.00	1	10/25/08 20:49	SW846 8260B	8104334
1,3-Dichloropropane	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
1,2-Dichloropropane	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2496-04 (M&A-115 - Ground Water) - cont. Sampled: 10/22/08 09:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
2,2-Dichloropropane	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
1,1-Dichloropropene	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
Ethylbenzene	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
Hexachlorobutadiene	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
2-Hexanone	ND		ug/L	50.0	1	10/24/08 17:11	SW846 8260B	8104118
Isopropylbenzene	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
p-Isopropyltoluene	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
Methylene Chloride	ND		ug/L	5.00	1	10/24/08 17:11	SW846 8260B	8104118
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/24/08 17:11	SW846 8260B	8104118
Naphthalene	ND		ug/L	5.00	1	10/24/08 17:11	SW846 8260B	8104118
n-Propylbenzene	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
Styrene	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
Tetrachloroethene	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
Toluene	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
Trichloroethene	**3.41**		ug/L	1.00	1	10/25/08 20:49	SW846 8260B	8104334
Trichlorofluoromethane	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/24/08 17:11	SW846 8260B	8104118
Vinyl chloride	ND		ug/L	1.00	1	10/25/08 20:49	SW846 8260B	8104334
Xylenes, total	ND		ug/L	3.00	1	10/24/08 17:11	SW846 8260B	8104118
Surr: 1,2-Dichloroethane-d4 (60-140%)	*99 %*					*10/24/08 17:11*	*SW846 8260B*	*8104118*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*111 %*					*10/25/08 20:49*	*SW846 8260B*	*8104334*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*112 %*					*10/25/08 21:15*	*SW846 8260B*	*8104334*
Surr: Dibromofluoromethane (75-124%)	*101 %*					*10/24/08 17:11*	*SW846 8260B*	*8104118*
Surr: Dibromofluoromethane (75-124%)	*105 %*					*10/25/08 20:49*	*SW846 8260B*	*8104334*
Surr: Dibromofluoromethane (75-124%)	*103 %*					*10/25/08 21:15*	*SW846 8260B*	*8104334*
Surr: Toluene-d8 (78-121%)	*96 %*					*10/24/08 17:11*	*SW846 8260B*	*8104118*
Surr: Toluene-d8 (78-121%)	*95 %*					*10/25/08 20:49*	*SW846 8260B*	*8104334*
Surr: Toluene-d8 (78-121%)	*98 %*					*10/25/08 21:15*	*SW846 8260B*	*8104334*
Surr: 4-Bromofluorobenzene (79-124%)	*98 %*					*10/24/08 17:11*	*SW846 8260B*	*8104118*
Surr: 4-Bromofluorobenzene (79-124%)	*99 %*					*10/25/08 20:49*	*SW846 8260B*	*8104334*
Surr: 4-Bromofluorobenzene (79-124%)	*103 %*					*10/25/08 21:15*	*SW846 8260B*	*8104334*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

ANALYTICAL REPORT

Sample ID: NRJ2496-05 (M&A-116 - Ground Water) Sampled: 10/22/08 08:10

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Acetone	ND		ug/L	50.0	1	10/24/08 17:37	SW846 8260B	8104118
Benzene	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
Bromobenzene	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
Bromochloromethane	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
Bromodichloromethane	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
Bromoform	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
Bromomethane	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
2-Butanone	ND		ug/L	50.0	1	10/24/08 17:37	SW846 8260B	8104118
sec-Butylbenzene	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
n-Butylbenzene	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
tert-Butylbenzene	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
Carbon disulfide	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
Carbon Tetrachloride	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
Chlorobenzene	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
Chlorodibromomethane	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
Chloroethane	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
Chloroform	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
Chloromethane	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
2-Chlorotoluene	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
4-Chlorotoluene	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/24/08 17:37	SW846 8260B	8104118
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
Dibromomethane	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
1,1-Dichloroethane	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
1,2-Dichloroethane	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
cis-1,2-Dichloroethene	**39.9**		ug/L	1.00	1	10/25/08 19:30	SW846 8260B	8104334
1,1-Dichloroethene	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
trans-1,2-Dichloroethene	**5.27**		ug/L	1.00	1	10/25/08 19:30	SW846 8260B	8104334
1,3-Dichloropropane	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
1,2-Dichloropropane	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
2,2-Dichloropropane	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
1,1-Dichloropropene	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
Ethylbenzene	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
Hexachlorobutadiene	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
2-Hexanone	ND		ug/L	50.0	1	10/24/08 17:37	SW846 8260B	8104118
Isopropylbenzene	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
p-Isopropyltoluene	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2496-05 (M&A-116 - Ground Water) - cont. Sampled: 10/22/08 08:10								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
Methylene Chloride	ND		ug/L	5.00	1	10/24/08 17:37	SW846 8260B	8104118
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/24/08 17:37	SW846 8260B	8104118
Naphthalene	ND		ug/L	5.00	1	10/24/08 17:37	SW846 8260B	8104118
n-Propylbenzene	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
Styrene	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
Tetrachloroethene	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
Toluene	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
Trichloroethene	**42.7**		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
Trichlorofluoromethane	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/24/08 17:37	SW846 8260B	8104118
Vinyl chloride	ND		ug/L	1.00	1	10/25/08 19:30	SW846 8260B	8104334
Xylenes, total	ND		ug/L	3.00	1	10/24/08 17:37	SW846 8260B	8104118
Surr: 1,2-Dichloroethane-d4 (60-140%)	*96 %*					*10/24/08 17:37*	*SW846 8260B*	*8104118*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*105 %*					*10/25/08 19:30*	*SW846 8260B*	*8104334*
Surr: Dibromofluoromethane (75-124%)	*102 %*					*10/24/08 17:37*	*SW846 8260B*	*8104118*
Surr: Dibromofluoromethane (75-124%)	*104 %*					*10/25/08 19:30*	*SW846 8260B*	*8104334*
Surr: Toluene-d8 (78-121%)	*95 %*					*10/24/08 17:37*	*SW846 8260B*	*8104118*
Surr: Toluene-d8 (78-121%)	*97 %*					*10/25/08 19:30*	*SW846 8260B*	*8104334*
Surr: 4-Bromofluorobenzene (79-124%)	*97 %*					*10/24/08 17:37*	*SW846 8260B*	*8104118*
Surr: 4-Bromofluorobenzene (79-124%)	*101 %*					*10/25/08 19:30*	*SW846 8260B*	*8104334*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2496-06 (M&A-117 - Ground Water) Sampled: 10/22/08 09:00								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/27/08 01:08	SW846 8082	8104137
PCB-1221	ND		ug/L	0.500	1	10/27/08 01:08	SW846 8082	8104137
PCB-1232	ND		ug/L	0.500	1	10/27/08 01:08	SW846 8082	8104137
PCB-1242	ND		ug/L	0.500	1	10/27/08 01:08	SW846 8082	8104137
PCB-1248	ND		ug/L	0.500	1	10/27/08 01:08	SW846 8082	8104137
PCB-1254	ND		ug/L	0.500	1	10/27/08 01:08	SW846 8082	8104137
PCB-1260	ND		ug/L	0.500	1	10/27/08 01:08	SW846 8082	8104137
Surr: Tetrachloro-meta-xylene (29-137%)	*90 %*					*10/27/08 01:08*	*SW846 8082*	*8104137*
Surr: Decachlorobiphenyl (10-146%)	*43 %*					*10/27/08 01:08*	*SW846 8082*	*8104137*
Sample ID: NRJ2496-07 (M&A-120 - Ground Water) Sampled: 10/22/08 08:15								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/24/08 18:03	SW846 8260B	8104118
Benzene	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
Bromobenzene	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
Bromochloromethane	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
Bromodichloromethane	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
Bromoform	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
Bromomethane	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
2-Butanone	ND		ug/L	50.0	1	10/24/08 18:03	SW846 8260B	8104118
sec-Butylbenzene	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
n-Butylbenzene	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
tert-Butylbenzene	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
Carbon disulfide	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
Carbon Tetrachloride	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
Chlorobenzene	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
Chlorodibromomethane	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
Chloroethane	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
Chloroform	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
Chloromethane	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
2-Chlorotoluene	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
4-Chlorotoluene	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/24/08 18:03	SW846 8260B	8104118
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
Dibromomethane	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
1,1-Dichloroethane	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
1,2-Dichloroethane	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
cis-1,2-Dichloroethene	**363**		ug/L	5.00	5	10/25/08 23:00	SW846 8260B	8104334
1,1-Dichloroethene	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2496-07 (M&A-120 - Ground Water) - cont. Sampled: 10/22/08 08:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
trans-1,2-Dichloroethene	**43.6**		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
1,3-Dichloropropane	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
1,2-Dichloropropane	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
2,2-Dichloropropane	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
1,1-Dichloropropene	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
Ethylbenzene	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
Hexachlorobutadiene	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
2-Hexanone	ND		ug/L	50.0	1	10/24/08 18:03	SW846 8260B	8104118
Isopropylbenzene	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
p-Isopropyltoluene	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
Methylene Chloride	ND		ug/L	5.00	1	10/24/08 18:03	SW846 8260B	8104118
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/24/08 18:03	SW846 8260B	8104118
Naphthalene	ND		ug/L	5.00	1	10/24/08 18:03	SW846 8260B	8104118
n-Propylbenzene	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
Styrene	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
Tetrachloroethene	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
Toluene	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
Trichloroethene	**33.2**		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
Trichlorofluoromethane	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
Vinyl chloride	**14.8**		ug/L	1.00	1	10/24/08 18:03	SW846 8260B	8104118
Xylenes, total	ND		ug/L	3.00	1	10/24/08 18:03	SW846 8260B	8104118
Surr: 1,2-Dichloroethane-d4 (60-140%)	*100 %*					*10/24/08 18:03*	*SW846 8260B*	*8104118*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*114 %*					*10/25/08 23:00*	*SW846 8260B*	*8104334*
Surr: Dibromofluoromethane (75-124%)	*104 %*					*10/24/08 18:03*	*SW846 8260B*	*8104118*
Surr: Dibromofluoromethane (75-124%)	*103 %*					*10/25/08 23:00*	*SW846 8260B*	*8104334*
Surr: Toluene-d8 (78-121%)	*95 %*					*10/24/08 18:03*	*SW846 8260B*	*8104118*
Surr: Toluene-d8 (78-121%)	*94 %*					*10/25/08 23:00*	*SW846 8260B*	*8104334*
Surr: 4-Bromofluorobenzene (79-124%)	*100 %*					*10/24/08 18:03*	*SW846 8260B*	*8104118*
Surr: 4-Bromofluorobenzene (79-124%)	*101 %*					*10/25/08 23:00*	*SW846 8260B*	*8104334*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2496-08 (M&A-121 - Ground Water) Sampled: 10/22/08 09:10								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/24/08 18:29	SW846 8260B	8104118
Benzene	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
Bromobenzene	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
Bromochloromethane	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
Bromodichloromethane	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
Bromoform	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
Bromomethane	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
2-Butanone	ND		ug/L	50.0	1	10/24/08 18:29	SW846 8260B	8104118
sec-Butylbenzene	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
n-Butylbenzene	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
tert-Butylbenzene	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
Carbon disulfide	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
Carbon Tetrachloride	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
Chlorobenzene	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
Chlorodibromomethane	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
Chloroethane	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
Chloroform	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
Chloromethane	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
2-Chlorotoluene	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
4-Chlorotoluene	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/24/08 18:29	SW846 8260B	8104118
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
Dibromomethane	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
1,1-Dichloroethane	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
1,2-Dichloroethane	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/25/08 19:57	SW846 8260B	8104334
1,1-Dichloroethene	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
1,3-Dichloropropane	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
1,2-Dichloropropane	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
2,2-Dichloropropane	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
1,1-Dichloropropene	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
Ethylbenzene	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
Hexachlorobutadiene	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
2-Hexanone	ND		ug/L	50.0	1	10/24/08 18:29	SW846 8260B	8104118
Isopropylbenzene	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
p-Isopropyltoluene	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2496-08 (M&A-121 - Ground Water) - cont. Sampled: 10/22/08 09:10								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
Methylene Chloride	ND		ug/L	5.00	1	10/24/08 18:29	SW846 8260B	8104118
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/24/08 18:29	SW846 8260B	8104118
Naphthalene	ND		ug/L	5.00	1	10/24/08 18:29	SW846 8260B	8104118
n-Propylbenzene	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
Styrene	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
Tetrachloroethene	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
Toluene	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
Trichloroethene	**1.90**		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
Trichlorofluoromethane	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
Vinyl chloride	ND		ug/L	1.00	1	10/24/08 18:29	SW846 8260B	8104118
Xylenes, total	ND		ug/L	3.00	1	10/24/08 18:29	SW846 8260B	8104118
Surr: 1,2-Dichloroethane-d4 (60-140%)	*101 %*					*10/24/08 18:29*	*SW846 8260B*	*8104118*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*104 %*					*10/25/08 19:57*	*SW846 8260B*	*8104334*
Surr: Dibromofluoromethane (75-124%)	*102 %*					*10/24/08 18:29*	*SW846 8260B*	*8104118*
Surr: Dibromofluoromethane (75-124%)	*104 %*					*10/25/08 19:57*	*SW846 8260B*	*8104334*
Surr: Toluene-d8 (78-121%)	*96 %*					*10/24/08 18:29*	*SW846 8260B*	*8104118*
Surr: Toluene-d8 (78-121%)	*97 %*					*10/25/08 19:57*	*SW846 8260B*	*8104334*
Surr: 4-Bromofluorobenzene (79-124%)	*98 %*					*10/24/08 18:29*	*SW846 8260B*	*8104118*
Surr: 4-Bromofluorobenzene (79-124%)	*104 %*					*10/25/08 19:57*	*SW846 8260B*	*8104334*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2496-09 (M&A-122 - Ground Water) Sampled: 10/22/08 13:45								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/27/08 01:28	SW846 8082	8104137
PCB-1221	ND		ug/L	0.500	1	10/27/08 01:28	SW846 8082	8104137
PCB-1232	ND		ug/L	0.500	1	10/27/08 01:28	SW846 8082	8104137
PCB-1242	ND		ug/L	0.500	1	10/27/08 01:28	SW846 8082	8104137
PCB-1248	ND		ug/L	0.500	1	10/27/08 01:28	SW846 8082	8104137
PCB-1254	ND		ug/L	0.500	1	10/27/08 01:28	SW846 8082	8104137
PCB-1260	ND		ug/L	0.500	1	10/27/08 01:28	SW846 8082	8104137
Surr: Tetrachloro-meta-xylene (29-137%)	*93 %*					*10/27/08 01:28*	*SW846 8082*	*8104137*
Surr: Decachlorobiphenyl (10-146%)	*57 %*					*10/27/08 01:28*	*SW846 8082*	*8104137*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/24/08 18:55	SW846 8260B	8104118
Benzene	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
Bromobenzene	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
Bromochloromethane	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
Bromodichloromethane	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
Bromoform	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
Bromomethane	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
2-Butanone	ND		ug/L	50.0	1	10/24/08 18:55	SW846 8260B	8104118
sec-Butylbenzene	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
n-Butylbenzene	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
tert-Butylbenzene	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
Carbon disulfide	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
Carbon Tetrachloride	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
Chlorobenzene	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
Chlorodibromomethane	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
Chloroethane	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
Chloroform	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
Chloromethane	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
2-Chlorotoluene	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
4-Chlorotoluene	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/24/08 18:55	SW846 8260B	8104118
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
Dibromomethane	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
1,1-Dichloroethane	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
1,2-Dichloroethane	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/25/08 20:23	SW846 8260B	8104334
1,1-Dichloroethene	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
1,3-Dichloropropane	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2496-09 (M&A-122 - Ground Water) - cont. Sampled: 10/22/08 13:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloropropane	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
2,2-Dichloropropane	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
1,1-Dichloropropene	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
Ethylbenzene	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
Hexachlorobutadiene	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
2-Hexanone	ND		ug/L	50.0	1	10/24/08 18:55	SW846 8260B	8104118
Isopropylbenzene	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
p-Isopropyltoluene	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
Methylene Chloride	ND		ug/L	5.00	1	10/24/08 18:55	SW846 8260B	8104118
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/24/08 18:55	SW846 8260B	8104118
Naphthalene	ND		ug/L	5.00	1	10/24/08 18:55	SW846 8260B	8104118
n-Propylbenzene	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
Styrene	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
Tetrachloroethene	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
Toluene	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
Trichloroethene	**1.82**		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
Trichlorofluoromethane	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
Vinyl chloride	ND		ug/L	1.00	1	10/24/08 18:55	SW846 8260B	8104118
Xylenes, total	ND		ug/L	3.00	1	10/24/08 18:55	SW846 8260B	8104118
Surr: 1,2-Dichloroethane-d4 (60-140%)	*103 %*					*10/24/08 18:55*	*SW846 8260B*	*8104118*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*111 %*					*10/25/08 20:23*	*SW846 8260B*	*8104334*
Surr: Dibromofluoromethane (75-124%)	*102 %*					*10/24/08 18:55*	*SW846 8260B*	*8104118*
Surr: Dibromofluoromethane (75-124%)	*107 %*					*10/25/08 20:23*	*SW846 8260B*	*8104334*
Surr: Toluene-d8 (78-121%)	*95 %*					*10/24/08 18:55*	*SW846 8260B*	*8104118*
Surr: Toluene-d8 (78-121%)	*97 %*					*10/25/08 20:23*	*SW846 8260B*	*8104334*
Surr: 4-Bromofluorobenzene (79-124%)	*100 %*					*10/24/08 18:55*	*SW846 8260B*	*8104118*
Surr: 4-Bromofluorobenzene (79-124%)	*101 %*					*10/25/08 20:23*	*SW846 8260B*	*8104334*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2496-10 (M&A-124 - Ground Water) Sampled: 10/22/08 10:50								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/27/08 01:49	SW846 8082	8104137
PCB-1221	ND		ug/L	0.500	1	10/27/08 01:49	SW846 8082	8104137
PCB-1232	ND		ug/L	0.500	1	10/27/08 01:49	SW846 8082	8104137
PCB-1242	ND		ug/L	0.500	1	10/27/08 01:49	SW846 8082	8104137
PCB-1248	ND		ug/L	0.500	1	10/27/08 01:49	SW846 8082	8104137
PCB-1254	ND		ug/L	0.500	1	10/27/08 01:49	SW846 8082	8104137
PCB-1260	ND		ug/L	0.500	1	10/27/08 01:49	SW846 8082	8104137
Surr: Tetrachloro-meta-xylene (29-137%)	*92 %*					*10/27/08 01:49*	*SW846 8082*	*8104137*
Surr: Decachlorobiphenyl (10-146%)	*54 %*					*10/27/08 01:49*	*SW846 8082*	*8104137*
Sample ID: NRJ2496-11 (Trip Blank - Water) Sampled: 10/22/08 00:01								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/24/08 11:56	SW846 8260B	8104118
Benzene	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
Bromobenzene	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
Bromochloromethane	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
Bromodichloromethane	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
Bromoform	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
Bromomethane	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
2-Butanone	ND		ug/L	50.0	1	10/24/08 11:56	SW846 8260B	8104118
sec-Butylbenzene	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
n-Butylbenzene	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
tert-Butylbenzene	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
Carbon disulfide	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
Carbon Tetrachloride	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
Chlorobenzene	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
Chlorodibromomethane	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
Chloroethane	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
Chloroform	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
Chloromethane	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
2-Chlorotoluene	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
4-Chlorotoluene	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/24/08 11:56	SW846 8260B	8104118
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
Dibromomethane	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
1,1-Dichloroethane	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
1,2-Dichloroethane	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
1,1-Dichloroethene	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2496-11 (Trip Blank - Water) - cont. Sampled: 10/22/08 00:01								
Volatile Organic Compounds by EPA Method 8260B - cont.								
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
1,3-Dichloropropane	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
1,2-Dichloropropane	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
2,2-Dichloropropane	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
1,1-Dichloropropene	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
Ethylbenzene	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
Hexachlorobutadiene	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
2-Hexanone	ND		ug/L	50.0	1	10/24/08 11:56	SW846 8260B	8104118
Isopropylbenzene	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
p-Isopropyltoluene	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
Methylene Chloride	ND		ug/L	5.00	1	10/24/08 11:56	SW846 8260B	8104118
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/24/08 11:56	SW846 8260B	8104118
Naphthalene	ND		ug/L	5.00	1	10/24/08 11:56	SW846 8260B	8104118
n-Propylbenzene	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
Styrene	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
Tetrachloroethene	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
Toluene	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
Trichloroethene	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
Trichlorofluoromethane	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
Vinyl chloride	ND		ug/L	1.00	1	10/24/08 11:56	SW846 8260B	8104118
Xylenes, total	ND		ug/L	3.00	1	10/24/08 11:56	SW846 8260B	8104118
Surr: 1,2-Dichloroethane-d4 (60-140%)	*101 %*					*10/24/08 11:56*	*SW846 8260B*	*8104118*
Surr: Dibromofluoromethane (75-124%)	*104 %*					*10/24/08 11:56*	*SW846 8260B*	*8104118*
Surr: Toluene-d8 (78-121%)	*94 %*					*10/24/08 11:56*	*SW846 8260B*	*8104118*
Surr: 4-Bromofluorobenzene (79-124%)	*100 %*					*10/24/08 11:56*	*SW846 8260B*	*8104118*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Polychlorinated Biphenyls by EPA Method 8082							
SW846 8082	8104137	NRJ2496-01	500.00	2.00	10/25/08 07:45	BHK	EPA 3510C
SW846 8082	8104137	NRJ2496-02	500.00	2.00	10/25/08 07:45	BHK	EPA 3510C
SW846 8082	8104137	NRJ2496-03	500.00	2.00	10/25/08 07:45	BHK	EPA 3510C
SW846 8082	8104137	NRJ2496-03RE1	500.00	2.00	10/25/08 07:45	BHK	EPA 3510C
SW846 8082	8104137	NRJ2496-06	500.00	2.00	10/25/08 07:45	BHK	EPA 3510C
SW846 8082	8104137	NRJ2496-09	500.00	2.00	10/25/08 07:45	BHK	EPA 3510C
SW846 8082	8104137	NRJ2496-10	500.00	2.00	10/25/08 07:45	BHK	EPA 3510C

TestAmerica
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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Polychlorinated Biphenyls by EPA Method 8082						
8104137-BLK1						
PCB-1016	<0.250		ug/L	8104137	8104137-BLK1	10/26/08 23:06
PCB-1221	<0.450		ug/L	8104137	8104137-BLK1	10/26/08 23:06
PCB-1232	<0.440		ug/L	8104137	8104137-BLK1	10/26/08 23:06
PCB-1242	<0.330		ug/L	8104137	8104137-BLK1	10/26/08 23:06
PCB-1248	<0.450		ug/L	8104137	8104137-BLK1	10/26/08 23:06
PCB-1254	<0.460		ug/L	8104137	8104137-BLK1	10/26/08 23:06
PCB-1260	<0.220		ug/L	8104137	8104137-BLK1	10/26/08 23:06
Surrogate: Tetrachloro-meta-xylene	88%			8104137	8104137-BLK1	10/26/08 23:06
Surrogate: Decachlorobiphenyl	27%			8104137	8104137-BLK1	10/26/08 23:06
Volatile Organic Compounds by EPA Method 8260B						
8104118-BLK1						
Acetone	<25.0		ug/L	8104118	8104118-BLK1	10/24/08 11:30
Benzene	<0.270		ug/L	8104118	8104118-BLK1	10/24/08 11:30
Bromobenzene	<0.360		ug/L	8104118	8104118-BLK1	10/24/08 11:30
Bromochloromethane	<0.400		ug/L	8104118	8104118-BLK1	10/24/08 11:30
Bromodichloromethane	<0.350		ug/L	8104118	8104118-BLK1	10/24/08 11:30
Bromoform	<0.430		ug/L	8104118	8104118-BLK1	10/24/08 11:30
Bromomethane	<0.420		ug/L	8104118	8104118-BLK1	10/24/08 11:30
2-Butanone	<2.40		ug/L	8104118	8104118-BLK1	10/24/08 11:30
sec-Butylbenzene	<0.140		ug/L	8104118	8104118-BLK1	10/24/08 11:30
n-Butylbenzene	<0.280		ug/L	8104118	8104118-BLK1	10/24/08 11:30
tert-Butylbenzene	<0.330		ug/L	8104118	8104118-BLK1	10/24/08 11:30
Carbon disulfide	<0.380		ug/L	8104118	8104118-BLK1	10/24/08 11:30
Carbon Tetrachloride	<0.350		ug/L	8104118	8104118-BLK1	10/24/08 11:30
Chlorobenzene	<0.180		ug/L	8104118	8104118-BLK1	10/24/08 11:30
Chlorodibromomethane	<0.280		ug/L	8104118	8104118-BLK1	10/24/08 11:30
Chloroethane	<0.450		ug/L	8104118	8104118-BLK1	10/24/08 11:30
Chloroform	<0.280		ug/L	8104118	8104118-BLK1	10/24/08 11:30
Chloromethane	<0.380		ug/L	8104118	8104118-BLK1	10/24/08 11:30
2-Chlorotoluene	<0.300		ug/L	8104118	8104118-BLK1	10/24/08 11:30
4-Chlorotoluene	<0.330		ug/L	8104118	8104118-BLK1	10/24/08 11:30
1,2-Dibromo-3-chloropropane	<0.860		ug/L	8104118	8104118-BLK1	10/24/08 11:30
1,2-Dibromoethane (EDB)	<0.390		ug/L	8104118	8104118-BLK1	10/24/08 11:30
Dibromomethane	<0.350		ug/L	8104118	8104118-BLK1	10/24/08 11:30
1,4-Dichlorobenzene	<0.380		ug/L	8104118	8104118-BLK1	10/24/08 11:30
1,3-Dichlorobenzene	<0.350		ug/L	8104118	8104118-BLK1	10/24/08 11:30
1,2-Dichlorobenzene	<0.500		ug/L	8104118	8104118-BLK1	10/24/08 11:30
Dichlorodifluoromethane	<0.460		ug/L	8104118	8104118-BLK1	10/24/08 11:30
1,1-Dichloroethane	<0.540		ug/L	8104118	8104118-BLK1	10/24/08 11:30
1,2-Dichloroethane	<0.370		ug/L	8104118	8104118-BLK1	10/24/08 11:30

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
8104118-BLK1						
cis-1,2-Dichloroethene	<0.390		ug/L	8104118	8104118-BLK1	10/24/08 11:30
1,1-Dichloroethene	<0.340		ug/L	8104118	8104118-BLK1	10/24/08 11:30
trans-1,2-Dichloroethene	<0.470		ug/L	8104118	8104118-BLK1	10/24/08 11:30
1,3-Dichloropropane	<0.290		ug/L	8104118	8104118-BLK1	10/24/08 11:30
1,2-Dichloropropane	<0.320		ug/L	8104118	8104118-BLK1	10/24/08 11:30
2,2-Dichloropropane	<0.420		ug/L	8104118	8104118-BLK1	10/24/08 11:30
cis-1,3-Dichloropropene	<0.290		ug/L	8104118	8104118-BLK1	10/24/08 11:30
trans-1,3-Dichloropropene	<0.330		ug/L	8104118	8104118-BLK1	10/24/08 11:30
1,1-Dichloropropene	<0.310		ug/L	8104118	8104118-BLK1	10/24/08 11:30
Ethylbenzene	<0.240		ug/L	8104118	8104118-BLK1	10/24/08 11:30
Hexachlorobutadiene	1.47	B	ug/L	8104118	8104118-BLK1	10/24/08 11:30
2-Hexanone	<16.7		ug/L	8104118	8104118-BLK1	10/24/08 11:30
Isopropylbenzene	<0.300		ug/L	8104118	8104118-BLK1	10/24/08 11:30
p-Isopropyltoluene	<0.220		ug/L	8104118	8104118-BLK1	10/24/08 11:30
Methyl tert-Butyl Ether	<0.420		ug/L	8104118	8104118-BLK1	10/24/08 11:30
Methylene Chloride	<0.830		ug/L	8104118	8104118-BLK1	10/24/08 11:30
4-Methyl-2-pentanone	<3.49		ug/L	8104118	8104118-BLK1	10/24/08 11:30
Naphthalene	<0.540		ug/L	8104118	8104118-BLK1	10/24/08 11:30
n-Propylbenzene	<0.290		ug/L	8104118	8104118-BLK1	10/24/08 11:30
Styrene	<0.330		ug/L	8104118	8104118-BLK1	10/24/08 11:30
1,1,1,2-Tetrachloroethane	<0.290		ug/L	8104118	8104118-BLK1	10/24/08 11:30
1,1,2,2-Tetrachloroethane	<0.290		ug/L	8104118	8104118-BLK1	10/24/08 11:30
Tetrachloroethene	<0.230		ug/L	8104118	8104118-BLK1	10/24/08 11:30
Toluene	<0.280		ug/L	8104118	8104118-BLK1	10/24/08 11:30
1,2,3-Trichlorobenzene	<0.940		ug/L	8104118	8104118-BLK1	10/24/08 11:30
1,2,4-Trichlorobenzene	<0.500		ug/L	8104118	8104118-BLK1	10/24/08 11:30
1,1,2-Trichloroethane	<0.400		ug/L	8104118	8104118-BLK1	10/24/08 11:30
1,1,1-Trichloroethane	<0.370		ug/L	8104118	8104118-BLK1	10/24/08 11:30
Trichloroethene	<0.230		ug/L	8104118	8104118-BLK1	10/24/08 11:30
Trichlorofluoromethane	<0.350		ug/L	8104118	8104118-BLK1	10/24/08 11:30
1,2,3-Trichloropropane	<0.290		ug/L	8104118	8104118-BLK1	10/24/08 11:30
1,3,5-Trimethylbenzene	<0.160		ug/L	8104118	8104118-BLK1	10/24/08 11:30
1,2,4-Trimethylbenzene	<0.170		ug/L	8104118	8104118-BLK1	10/24/08 11:30
Vinyl chloride	<0.290		ug/L	8104118	8104118-BLK1	10/24/08 11:30
Xylenes, total	<0.860		ug/L	8104118	8104118-BLK1	10/24/08 11:30
Surrogate: 1,2-Dichloroethane-d4	101%			8104118	8104118-BLK1	10/24/08 11:30
Surrogate: Dibromofluoromethane	104%			8104118	8104118-BLK1	10/24/08 11:30
Surrogate: Toluene-d8	97%			8104118	8104118-BLK1	10/24/08 11:30
Surrogate: 4-Bromofluorobenzene	98%			8104118	8104118-BLK1	10/24/08 11:30

8104334-BLK1

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
8104334-BLK1						
Acetone	<25.0		ug/L	8104334	8104334-BLK1	10/25/08 17:19
Benzene	<0.270		ug/L	8104334	8104334-BLK1	10/25/08 17:19
Bromobenzene	<0.360		ug/L	8104334	8104334-BLK1	10/25/08 17:19
Bromochloromethane	<0.400		ug/L	8104334	8104334-BLK1	10/25/08 17:19
Bromodichloromethane	<0.350		ug/L	8104334	8104334-BLK1	10/25/08 17:19
Bromoform	<0.430		ug/L	8104334	8104334-BLK1	10/25/08 17:19
Bromomethane	<0.420		ug/L	8104334	8104334-BLK1	10/25/08 17:19
2-Butanone	<2.40		ug/L	8104334	8104334-BLK1	10/25/08 17:19
sec-Butylbenzene	<0.140		ug/L	8104334	8104334-BLK1	10/25/08 17:19
n-Butylbenzene	<0.280		ug/L	8104334	8104334-BLK1	10/25/08 17:19
tert-Butylbenzene	<0.330		ug/L	8104334	8104334-BLK1	10/25/08 17:19
Carbon disulfide	<0.380		ug/L	8104334	8104334-BLK1	10/25/08 17:19
Carbon Tetrachloride	<0.350		ug/L	8104334	8104334-BLK1	10/25/08 17:19
Chlorobenzene	<0.180		ug/L	8104334	8104334-BLK1	10/25/08 17:19
Chlorodibromomethane	<0.280		ug/L	8104334	8104334-BLK1	10/25/08 17:19
Chloroethane	<0.450		ug/L	8104334	8104334-BLK1	10/25/08 17:19
Chloroform	<0.280		ug/L	8104334	8104334-BLK1	10/25/08 17:19
Chloromethane	<0.380		ug/L	8104334	8104334-BLK1	10/25/08 17:19
2-Chlorotoluene	<0.300		ug/L	8104334	8104334-BLK1	10/25/08 17:19
4-Chlorotoluene	<0.330		ug/L	8104334	8104334-BLK1	10/25/08 17:19
1,2-Dibromo-3-chloropropane	<0.860		ug/L	8104334	8104334-BLK1	10/25/08 17:19
1,2-Dibromoethane (EDB)	<0.390		ug/L	8104334	8104334-BLK1	10/25/08 17:19
Dibromomethane	<0.350		ug/L	8104334	8104334-BLK1	10/25/08 17:19
1,4-Dichlorobenzene	<0.380		ug/L	8104334	8104334-BLK1	10/25/08 17:19
1,3-Dichlorobenzene	<0.350		ug/L	8104334	8104334-BLK1	10/25/08 17:19
1,2-Dichlorobenzene	<0.500		ug/L	8104334	8104334-BLK1	10/25/08 17:19
Dichlorodifluoromethane	<0.460		ug/L	8104334	8104334-BLK1	10/25/08 17:19
1,1-Dichloroethane	<0.540		ug/L	8104334	8104334-BLK1	10/25/08 17:19
1,2-Dichloroethane	<0.370		ug/L	8104334	8104334-BLK1	10/25/08 17:19
cis-1,2-Dichloroethene	<0.390		ug/L	8104334	8104334-BLK1	10/25/08 17:19
1,1-Dichloroethene	<0.340		ug/L	8104334	8104334-BLK1	10/25/08 17:19
trans-1,2-Dichloroethene	<0.470		ug/L	8104334	8104334-BLK1	10/25/08 17:19
1,3-Dichloropropane	<0.290		ug/L	8104334	8104334-BLK1	10/25/08 17:19
1,2-Dichloropropane	<0.320		ug/L	8104334	8104334-BLK1	10/25/08 17:19
2,2-Dichloropropane	<0.420		ug/L	8104334	8104334-BLK1	10/25/08 17:19
cis-1,3-Dichloropropene	<0.290		ug/L	8104334	8104334-BLK1	10/25/08 17:19
trans-1,3-Dichloropropene	<0.330		ug/L	8104334	8104334-BLK1	10/25/08 17:19
1,1-Dichloropropene	<0.310		ug/L	8104334	8104334-BLK1	10/25/08 17:19
Ethylbenzene	<0.240		ug/L	8104334	8104334-BLK1	10/25/08 17:19
Hexachlorobutadiene	1.40	B	ug/L	8104334	8104334-BLK1	10/25/08 17:19
2-Hexanone	<16.7		ug/L	8104334	8104334-BLK1	10/25/08 17:19

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
8104334-BLK1						
Isopropylbenzene	<0.300		ug/L	8104334	8104334-BLK1	10/25/08 17:19
p-Isopropyltoluene	<0.220		ug/L	8104334	8104334-BLK1	10/25/08 17:19
Methyl tert-Butyl Ether	<0.420		ug/L	8104334	8104334-BLK1	10/25/08 17:19
Methylene Chloride	<0.830		ug/L	8104334	8104334-BLK1	10/25/08 17:19
4-Methyl-2-pentanone	<3.49		ug/L	8104334	8104334-BLK1	10/25/08 17:19
Naphthalene	<0.540		ug/L	8104334	8104334-BLK1	10/25/08 17:19
n-Propylbenzene	<0.290		ug/L	8104334	8104334-BLK1	10/25/08 17:19
Styrene	<0.330		ug/L	8104334	8104334-BLK1	10/25/08 17:19
1,1,1,2-Tetrachloroethane	<0.290		ug/L	8104334	8104334-BLK1	10/25/08 17:19
1,1,2,2-Tetrachloroethane	<0.290		ug/L	8104334	8104334-BLK1	10/25/08 17:19
Tetrachloroethene	<0.230		ug/L	8104334	8104334-BLK1	10/25/08 17:19
Toluene	<0.280		ug/L	8104334	8104334-BLK1	10/25/08 17:19
1,2,3-Trichlorobenzene	<0.940		ug/L	8104334	8104334-BLK1	10/25/08 17:19
1,2,4-Trichlorobenzene	<0.500		ug/L	8104334	8104334-BLK1	10/25/08 17:19
1,1,2-Trichloroethane	<0.400		ug/L	8104334	8104334-BLK1	10/25/08 17:19
1,1,1-Trichloroethane	<0.370		ug/L	8104334	8104334-BLK1	10/25/08 17:19
Trichloroethene	<0.230		ug/L	8104334	8104334-BLK1	10/25/08 17:19
Trichlorofluoromethane	<0.350		ug/L	8104334	8104334-BLK1	10/25/08 17:19
1,2,3-Trichloropropane	<0.290		ug/L	8104334	8104334-BLK1	10/25/08 17:19
1,3,5-Trimethylbenzene	<0.160		ug/L	8104334	8104334-BLK1	10/25/08 17:19
1,2,4-Trimethylbenzene	<0.170		ug/L	8104334	8104334-BLK1	10/25/08 17:19
Vinyl chloride	<0.290		ug/L	8104334	8104334-BLK1	10/25/08 17:19
Xylenes, total	<0.860		ug/L	8104334	8104334-BLK1	10/25/08 17:19
Surrogate: 1,2-Dichloroethane-d4	102%			8104334	8104334-BLK1	10/25/08 17:19
Surrogate: Dibromofluoromethane	103%			8104334	8104334-BLK1	10/25/08 17:19
Surrogate: Toluene-d8	97%			8104334	8104334-BLK1	10/25/08 17:19
Surrogate: 4-Bromofluorobenzene	100%			8104334	8104334-BLK1	10/25/08 17:19

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Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Polychlorinated Biphenyls by EPA Method 8082								
8104137-BS1								
PCB-1248	10.0	9.34		ug/L	93%	20 - 140	8104137	10/26/08 23:26
Surrogate: Tetrachloro-meta-xylene	1.00	0.912			91%	29 - 137	8104137	10/26/08 23:26
Surrogate: Decachlorobiphenyl	1.00	0.448			45%	10 - 146	8104137	10/26/08 23:26
Volatile Organic Compounds by EPA Method 8260B								
8104118-BS1								
Acetone	250	235		ug/L	94%	62 - 150	8104118	10/24/08 08:52
Benzene	50.0	47.7		ug/L	95%	80 - 137	8104118	10/24/08 08:52
Bromobenzene	50.0	43.4		ug/L	87%	74 - 131	8104118	10/24/08 08:52
Bromochloromethane	50.0	49.5		ug/L	99%	80 - 128	8104118	10/24/08 08:52
Bromodichloromethane	50.0	55.2		ug/L	110%	80 - 129	8104118	10/24/08 08:52
Bromoform	50.0	41.8		ug/L	84%	69 - 127	8104118	10/24/08 08:52
Bromomethane	50.0	45.1		ug/L	90%	62 - 148	8104118	10/24/08 08:52
2-Butanone	250	209		ug/L	84%	77 - 141	8104118	10/24/08 08:52
sec-Butylbenzene	50.0	45.8		ug/L	92%	78 - 133	8104118	10/24/08 08:52
n-Butylbenzene	50.0	44.1		ug/L	88%	72 - 136	8104118	10/24/08 08:52
tert-Butylbenzene	50.0	46.3		ug/L	93%	77 - 135	8104118	10/24/08 08:52
Carbon disulfide	50.0	52.2		ug/L	104%	80 - 126	8104118	10/24/08 08:52
Carbon Tetrachloride	50.0	64.2		ug/L	128%	76 - 143	8104118	10/24/08 08:52
Chlorobenzene	50.0	46.5		ug/L	93%	80 - 120	8104118	10/24/08 08:52
Chlorodibromomethane	50.0	45.3		ug/L	91%	76 - 123	8104118	10/24/08 08:52
Chloroethane	50.0	47.4		ug/L	95%	77 - 127	8104118	10/24/08 08:52
Chloroform	50.0	47.8		ug/L	96%	80 - 133	8104118	10/24/08 08:52
Chloromethane	50.0	40.0		ug/L	80%	33 - 125	8104118	10/24/08 08:52
2-Chlorotoluene	50.0	45.3		ug/L	91%	80 - 127	8104118	10/24/08 08:52
4-Chlorotoluene	50.0	43.6		ug/L	87%	80 - 127	8104118	10/24/08 08:52
1,2-Dibromo-3-chloropropane	50.0	35.8		ug/L	72%	60 - 136	8104118	10/24/08 08:52
1,2-Dibromoethane (EDB)	50.0	47.2		ug/L	94%	80 - 125	8104118	10/24/08 08:52
Dibromomethane	50.0	46.9		ug/L	94%	80 - 124	8104118	10/24/08 08:52
1,4-Dichlorobenzene	50.0	43.5		ug/L	87%	80 - 120	8104118	10/24/08 08:52
1,3-Dichlorobenzene	50.0	43.6		ug/L	87%	80 - 123	8104118	10/24/08 08:52
1,2-Dichlorobenzene	50.0	43.6		ug/L	87%	80 - 122	8104118	10/24/08 08:52
Dichlorodifluoromethane	50.0	40.1		ug/L	80%	36 - 120	8104118	10/24/08 08:52
1,1-Dichloroethane	50.0	48.6		ug/L	97%	76 - 130	8104118	10/24/08 08:52
1,2-Dichloroethane	50.0	48.5		ug/L	97%	69 - 136	8104118	10/24/08 08:52
cis-1,2-Dichloroethene	50.0	50.5		ug/L	101%	80 - 129	8104118	10/24/08 08:52
1,1-Dichloroethene	50.0	53.0		ug/L	106%	80 - 127	8104118	10/24/08 08:52
trans-1,2-Dichloroethene	50.0	49.5		ug/L	99%	80 - 131	8104118	10/24/08 08:52
1,3-Dichloropropane	50.0	44.1		ug/L	88%	80 - 122	8104118	10/24/08 08:52
1,2-Dichloropropane	50.0	45.3		ug/L	91%	80 - 120	8104118	10/24/08 08:52
2,2-Dichloropropane	50.0	48.3		ug/L	97%	62 - 142	8104118	10/24/08 08:52

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
8104118-BS1								
cis-1,3-Dichloropropene	50.0	51.7		ug/L	103%	76 - 135	8104118	10/24/08 08:52
trans-1,3-Dichloropropene	50.0	47.2		ug/L	94%	70 - 137	8104118	10/24/08 08:52
1,1-Dichloropropene	50.0	51.5		ug/L	103%	80 - 127	8104118	10/24/08 08:52
Ethylbenzene	50.0	45.8		ug/L	92%	80 - 128	8104118	10/24/08 08:52
Hexachlorobutadiene	50.0	49.0	B	ug/L	98%	68 - 148	8104118	10/24/08 08:52
2-Hexanone	250	191		ug/L	77%	69 - 148	8104118	10/24/08 08:52
Isopropylbenzene	50.0	48.4		ug/L	97%	80 - 121	8104118	10/24/08 08:52
p-Isopropyltoluene	50.0	44.7		ug/L	89%	79 - 127	8104118	10/24/08 08:52
Methyl tert-Butyl Ether	50.0	40.8		ug/L	82%	70 - 129	8104118	10/24/08 08:52
Methylene Chloride	50.0	48.9		ug/L	98%	76 - 135	8104118	10/24/08 08:52
4-Methyl-2-pentanone	250	196		ug/L	79%	67 - 143	8104118	10/24/08 08:52
Naphthalene	50.0	36.4		ug/L	73%	62 - 141	8104118	10/24/08 08:52
n-Propylbenzene	50.0	45.1		ug/L	90%	80 - 132	8104118	10/24/08 08:52
Styrene	50.0	48.6		ug/L	97%	80 - 139	8104118	10/24/08 08:52
1,1,1,2-Tetrachloroethane	50.0	52.1		ug/L	104%	80 - 135	8104118	10/24/08 08:52
1,1,2,2-Tetrachloroethane	50.0	40.2		ug/L	80%	65 - 145	8104118	10/24/08 08:52
Tetrachloroethene	50.0	49.2		ug/L	98%	80 - 125	8104118	10/24/08 08:52
Toluene	50.0	45.3		ug/L	91%	80 - 125	8104118	10/24/08 08:52
1,2,3-Trichlorobenzene	50.0	39.2		ug/L	78%	57 - 144	8104118	10/24/08 08:52
1,2,4-Trichlorobenzene	50.0	40.2		ug/L	80%	60 - 140	8104118	10/24/08 08:52
1,1,2-Trichloroethane	50.0	44.5		ug/L	89%	80 - 122	8104118	10/24/08 08:52
1,1,1-Trichloroethane	50.0	53.3		ug/L	107%	80 - 131	8104118	10/24/08 08:52
Trichloroethene	50.0	51.4		ug/L	103%	80 - 131	8104118	10/24/08 08:52
Trichlorofluoromethane	50.0	49.4		ug/L	99%	68 - 125	8104118	10/24/08 08:52
1,2,3-Trichloropropane	50.0	36.4		ug/L	73%	60 - 127	8104118	10/24/08 08:52
1,3,5-Trimethylbenzene	50.0	45.2		ug/L	90%	80 - 129	8104118	10/24/08 08:52
1,2,4-Trimethylbenzene	50.0	51.2		ug/L	102%	80 - 128	8104118	10/24/08 08:52
Vinyl chloride	50.0	41.6		ug/L	83%	69 - 120	8104118	10/24/08 08:52
Xylenes, total	150	158		ug/L	105%	80 - 129	8104118	10/24/08 08:52
Surrogate: 1,2-Dichloroethane-d4	25.0	23.2			93%	60 - 140	8104118	10/24/08 08:52
Surrogate: Dibromofluoromethane	25.0	25.2			101%	75 - 124	8104118	10/24/08 08:52
Surrogate: Toluene-d8	25.0	24.4			98%	78 - 121	8104118	10/24/08 08:52
Surrogate: 4-Bromofluorobenzene	25.0	24.7			99%	79 - 124	8104118	10/24/08 08:52
8104334-BS1								
Acetone	250	239		ug/L	96%	62 - 150	8104334	10/25/08 15:34
Benzene	50.0	49.8		ug/L	100%	80 - 137	8104334	10/25/08 15:34
Bromobenzene	50.0	44.2		ug/L	88%	74 - 131	8104334	10/25/08 15:34
Bromochloromethane	50.0	51.1		ug/L	102%	80 - 128	8104334	10/25/08 15:34
Bromodichloromethane	50.0	59.3		ug/L	119%	80 - 129	8104334	10/25/08 15:34
Bromoform	50.0	44.3		ug/L	89%	69 - 127	8104334	10/25/08 15:34

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
8104334-BS1								
Bromomethane	50.0	47.5		ug/L	95%	62 - 148	8104334	10/25/08 15:34
2-Butanone	250	221		ug/L	88%	77 - 141	8104334	10/25/08 15:34
sec-Butylbenzene	50.0	47.6		ug/L	95%	78 - 133	8104334	10/25/08 15:34
n-Butylbenzene	50.0	47.6		ug/L	95%	72 - 136	8104334	10/25/08 15:34
tert-Butylbenzene	50.0	47.7		ug/L	95%	77 - 135	8104334	10/25/08 15:34
Carbon disulfide	50.0	54.7		ug/L	109%	80 - 126	8104334	10/25/08 15:34
Carbon Tetrachloride	50.0	69.3		ug/L	139%	76 - 143	8104334	10/25/08 15:34
Chlorobenzene	50.0	48.1		ug/L	96%	80 - 120	8104334	10/25/08 15:34
Chlorodibromomethane	50.0	47.3		ug/L	95%	76 - 123	8104334	10/25/08 15:34
Chloroethane	50.0	50.6		ug/L	101%	77 - 127	8104334	10/25/08 15:34
Chloroform	50.0	51.0		ug/L	102%	80 - 133	8104334	10/25/08 15:34
Chloromethane	50.0	41.7		ug/L	83%	33 - 125	8104334	10/25/08 15:34
2-Chlorotoluene	50.0	47.3		ug/L	95%	80 - 127	8104334	10/25/08 15:34
4-Chlorotoluene	50.0	45.3		ug/L	91%	80 - 127	8104334	10/25/08 15:34
1,2-Dibromo-3-chloropropane	50.0	38.4		ug/L	77%	60 - 136	8104334	10/25/08 15:34
1,2-Dibromoethane (EDB)	50.0	48.4		ug/L	97%	80 - 125	8104334	10/25/08 15:34
Dibromomethane	50.0	48.5		ug/L	97%	80 - 124	8104334	10/25/08 15:34
1,4-Dichlorobenzene	50.0	43.7		ug/L	87%	80 - 120	8104334	10/25/08 15:34
1,3-Dichlorobenzene	50.0	44.4		ug/L	89%	80 - 123	8104334	10/25/08 15:34
1,2-Dichlorobenzene	50.0	43.6		ug/L	87%	80 - 122	8104334	10/25/08 15:34
Dichlorodifluoromethane	50.0	47.7		ug/L	95%	36 - 120	8104334	10/25/08 15:34
1,1-Dichloroethane	50.0	50.9		ug/L	102%	76 - 130	8104334	10/25/08 15:34
1,2-Dichloroethane	50.0	51.0		ug/L	102%	69 - 136	8104334	10/25/08 15:34
cis-1,2-Dichloroethene	50.0	53.6		ug/L	107%	80 - 129	8104334	10/25/08 15:34
1,1-Dichloroethene	50.0	55.4		ug/L	111%	80 - 127	8104334	10/25/08 15:34
trans-1,2-Dichloroethene	50.0	52.3		ug/L	105%	80 - 131	8104334	10/25/08 15:34
1,3-Dichloropropane	50.0	45.4		ug/L	91%	80 - 122	8104334	10/25/08 15:34
1,2-Dichloropropane	50.0	47.0		ug/L	94%	80 - 120	8104334	10/25/08 15:34
2,2-Dichloropropane	50.0	57.2		ug/L	114%	62 - 142	8104334	10/25/08 15:34
cis-1,3-Dichloropropene	50.0	54.6		ug/L	109%	76 - 135	8104334	10/25/08 15:34
trans-1,3-Dichloropropene	50.0	50.2		ug/L	100%	70 - 137	8104334	10/25/08 15:34
1,1-Dichloropropene	50.0	55.2		ug/L	110%	80 - 127	8104334	10/25/08 15:34
Ethylbenzene	50.0	48.6		ug/L	97%	80 - 128	8104334	10/25/08 15:34
Hexachlorobutadiene	50.0	53.6	B	ug/L	107%	68 - 148	8104334	10/25/08 15:34
2-Hexanone	250	194		ug/L	78%	69 - 148	8104334	10/25/08 15:34
Isopropylbenzene	50.0	51.0		ug/L	102%	80 - 121	8104334	10/25/08 15:34
p-Isopropyltoluene	50.0	46.9		ug/L	94%	79 - 127	8104334	10/25/08 15:34
Methyl tert-Butyl Ether	50.0	41.2		ug/L	82%	70 - 129	8104334	10/25/08 15:34
Methylene Chloride	50.0	50.8		ug/L	102%	76 - 135	8104334	10/25/08 15:34
4-Methyl-2-pentanone	250	201		ug/L	80%	67 - 143	8104334	10/25/08 15:34
Naphthalene	50.0	36.9		ug/L	74%	62 - 141	8104334	10/25/08 15:34

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
8104334-BS1								
n-Propylbenzene	50.0	47.2		ug/L	94%	80 - 132	8104334	10/25/08 15:34
Styrene	50.0	50.8		ug/L	102%	80 - 139	8104334	10/25/08 15:34
1,1,1,2-Tetrachloroethane	50.0	54.6		ug/L	109%	80 - 135	8104334	10/25/08 15:34
1,1,2,2-Tetrachloroethane	50.0	41.0		ug/L	82%	65 - 145	8104334	10/25/08 15:34
Tetrachloroethene	50.0	51.2		ug/L	102%	80 - 125	8104334	10/25/08 15:34
Toluene	50.0	47.3		ug/L	95%	80 - 125	8104334	10/25/08 15:34
1,2,3-Trichlorobenzene	50.0	40.5		ug/L	81%	57 - 144	8104334	10/25/08 15:34
1,2,4-Trichlorobenzene	50.0	41.4		ug/L	83%	60 - 140	8104334	10/25/08 15:34
1,1,2-Trichloroethane	50.0	45.5		ug/L	91%	80 - 122	8104334	10/25/08 15:34
1,1,1-Trichloroethane	50.0	57.2		ug/L	114%	80 - 131	8104334	10/25/08 15:34
Trichloroethene	50.0	53.6		ug/L	107%	80 - 131	8104334	10/25/08 15:34
Trichlorofluoromethane	50.0	52.9		ug/L	106%	68 - 125	8104334	10/25/08 15:34
1,2,3-Trichloropropane	50.0	37.2		ug/L	74%	60 - 127	8104334	10/25/08 15:34
1,3,5-Trimethylbenzene	50.0	47.0		ug/L	94%	80 - 129	8104334	10/25/08 15:34
1,2,4-Trimethylbenzene	50.0	52.6		ug/L	105%	80 - 128	8104334	10/25/08 15:34
Vinyl chloride	50.0	45.4		ug/L	91%	69 - 120	8104334	10/25/08 15:34
Xylenes, total	150	166		ug/L	111%	80 - 129	8104334	10/25/08 15:34
Surrogate: 1,2-Dichloroethane-d4	25.0	23.9			96%	60 - 140	8104334	10/25/08 15:34
Surrogate: Dibromofluoromethane	25.0	26.2			105%	75 - 124	8104334	10/25/08 15:34
Surrogate: Toluene-d8	25.0	24.5			98%	78 - 121	8104334	10/25/08 15:34
Surrogate: 4-Bromofluorobenzene	25.0	24.8			99%	79 - 124	8104334	10/25/08 15:34

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
8104118-BSD1												
Acetone		216	MNR1	ug/L	250	86%	62 - 150	8	29	8104118		10/24/08 09:18
Benzene		47.6	MNR1	ug/L	50.0	95%	80 - 137	0.2	23	8104118		10/24/08 09:18
Bromobenzene		43.0	MNR1	ug/L	50.0	86%	74 - 131	0.8	18	8104118		10/24/08 09:18
Bromochloromethane		50.5	MNR1	ug/L	50.0	101%	80 - 128	2	18	8104118		10/24/08 09:18
Bromodichloromethane		55.6	MNR1	ug/L	50.0	111%	80 - 129	0.8	18	8104118		10/24/08 09:18
Bromoform		41.6	MNR1	ug/L	50.0	83%	69 - 127	0.4	24	8104118		10/24/08 09:18
Bromomethane		46.4	MNR1	ug/L	50.0	93%	62 - 148	3	45	8104118		10/24/08 09:18
2-Butanone		210	MNR1	ug/L	250	84%	77 - 141	0.6	36	8104118		10/24/08 09:18
sec-Butylbenzene		45.8	MNR1	ug/L	50.0	92%	78 - 133	0.07	17	8104118		10/24/08 09:18
n-Butylbenzene		44.5	MNR1	ug/L	50.0	89%	72 - 136	0.9	18	8104118		10/24/08 09:18
tert-Butylbenzene		46.6	MNR1	ug/L	50.0	93%	77 - 135	0.6	17	8104118		10/24/08 09:18
Carbon disulfide		52.8	MNR1	ug/L	50.0	106%	80 - 126	1	16	8104118		10/24/08 09:18
Carbon Tetrachloride		66.0	MNR1	ug/L	50.0	132%	76 - 143	3	29	8104118		10/24/08 09:18
Chlorobenzene		46.1	MNR1	ug/L	50.0	92%	80 - 120	0.9	27	8104118		10/24/08 09:18
Chlorodibromomethane		45.0	MNR1	ug/L	50.0	90%	76 - 123	0.6	21	8104118		10/24/08 09:18
Chloroethane		47.7	MNR1	ug/L	50.0	95%	77 - 127	0.7	32	8104118		10/24/08 09:18
Chloroform		48.2	MNR1	ug/L	50.0	96%	80 - 133	0.9	28	8104118		10/24/08 09:18
Chloromethane		40.5	MNR1	ug/L	50.0	81%	33 - 125	1	21	8104118		10/24/08 09:18
2-Chlorotoluene		45.3	MNR1	ug/L	50.0	91%	80 - 127	0.04	16	8104118		10/24/08 09:18
4-Chlorotoluene		43.4	MNR1	ug/L	50.0	87%	80 - 127	0.6	17	8104118		10/24/08 09:18
1,2-Dibromo-3-chloropropane		36.5	MNR1	ug/L	50.0	73%	60 - 136	2	29	8104118		10/24/08 09:18
1,2-Dibromoethane (EDB)		46.5	MNR1	ug/L	50.0	93%	80 - 125	2	21	8104118		10/24/08 09:18
Dibromomethane		47.1	MNR1	ug/L	50.0	94%	80 - 124	0.4	20	8104118		10/24/08 09:18
1,4-Dichlorobenzene		43.8	MNR1	ug/L	50.0	88%	80 - 120	0.8	19	8104118		10/24/08 09:18
1,3-Dichlorobenzene		43.8	MNR1	ug/L	50.0	88%	80 - 123	0.5	18	8104118		10/24/08 09:18
1,2-Dichlorobenzene		43.5	MNR1	ug/L	50.0	87%	80 - 122	0.2	23	8104118		10/24/08 09:18
Dichlorodifluoromethane		40.5	MNR1	ug/L	50.0	81%	36 - 120	0.9	14	8104118		10/24/08 09:18
1,1-Dichloroethane		48.6	MNR1	ug/L	50.0	97%	76 - 130	0.08	15	8104118		10/24/08 09:18
1,2-Dichloroethane		48.4	MNR1	ug/L	50.0	97%	69 - 136	0.2	26	8104118		10/24/08 09:18
cis-1,2-Dichloroethene		50.5	MNR1	ug/L	50.0	101%	80 - 129	0.08	14	8104118		10/24/08 09:18
1,1-Dichloroethene		53.1	MNR1	ug/L	50.0	106%	80 - 127	0.2	26	8104118		10/24/08 09:18
trans-1,2-Dichloroethene		49.6	MNR1	ug/L	50.0	99%	80 - 131	0.2	14	8104118		10/24/08 09:18
1,3-Dichloropropane		43.6	MNR1	ug/L	50.0	87%	80 - 122	1	21	8104118		10/24/08 09:18
1,2-Dichloropropane		45.4	MNR1	ug/L	50.0	91%	80 - 120	0.3	16	8104118		10/24/08 09:18
2,2-Dichloropropane		48.3	MNR1	ug/L	50.0	97%	62 - 142	0.2	14	8104118		10/24/08 09:18
cis-1,3-Dichloropropene		50.8	MNR1	ug/L	50.0	102%	76 - 135	2	19	8104118		10/24/08 09:18
trans-1,3-Dichloropropene		47.2	MNR1	ug/L	50.0	94%	70 - 137	0.1	20	8104118		10/24/08 09:18
1,1-Dichloropropene		51.8	MNR1	ug/L	50.0	104%	80 - 127	0.6	14	8104118		10/24/08 09:18
Ethylbenzene		45.3	MNR1	ug/L	50.0	91%	80 - 128	0.9	17	8104118		10/24/08 09:18
Hexachlorobutadiene		51.3	MNR1,	ug/L	50.0	103%	68 - 148	5	34	8104118		10/24/08 09:18
2-Hexanone		184	MNR1	ug/L	250	74%	69 - 148	4	34	8104118		10/24/08 09:18

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
8104118-BSD1												
Isopropylbenzene		47.8	MNR1	ug/L	50.0	96%	80 - 121	1	18	8104118		10/24/08 09:18
p-Isopropyltoluene		44.9	MNR1	ug/L	50.0	90%	79 - 127	0.5	17	8104118		10/24/08 09:18
Methyl tert-Butyl Ether		40.8	MNR1	ug/L	50.0	82%	70 - 129	0.05	32	8104118		10/24/08 09:18
Methylene Chloride		48.7	MNR1	ug/L	50.0	97%	76 - 135	0.5	18	8104118		10/24/08 09:18
4-Methyl-2-pentanone		191	MNR1	ug/L	250	77%	67 - 143	3	31	8104118		10/24/08 09:18
Naphthalene		36.4	MNR1	ug/L	50.0	73%	62 - 141	0	39	8104118		10/24/08 09:18
n-Propylbenzene		44.7	MNR1	ug/L	50.0	89%	80 - 132	0.8	17	8104118		10/24/08 09:18
Styrene		48.1	MNR1	ug/L	50.0	96%	80 - 139	1	16	8104118		10/24/08 09:18
1,1,1,2-Tetrachloroethane		51.7	MNR1	ug/L	50.0	103%	80 - 135	0.8	17	8104118		10/24/08 09:18
1,1,2,2-Tetrachloroethane		40.3	MNR1	ug/L	50.0	81%	65 - 145	0.2	28	8104118		10/24/08 09:18
Tetrachloroethene		48.6	MNR1	ug/L	50.0	97%	80 - 125	1	27	8104118		10/24/08 09:18
Toluene		44.9	MNR1	ug/L	50.0	90%	80 - 125	1	19	8104118		10/24/08 09:18
1,2,3-Trichlorobenzene		39.8	MNR1	ug/L	50.0	80%	57 - 144	2	31	8104118		10/24/08 09:18
1,2,4-Trichlorobenzene		40.2	MNR1	ug/L	50.0	80%	60 - 140	0.07	26	8104118		10/24/08 09:18
1,1,2-Trichloroethane		44.0	MNR1	ug/L	50.0	88%	80 - 122	1	21	8104118		10/24/08 09:18
1,1,1-Trichloroethane		54.2	MNR1	ug/L	50.0	108%	80 - 131	2	16	8104118		10/24/08 09:18
Trichloroethene		51.3	MNR1	ug/L	50.0	103%	80 - 131	0.1	28	8104118		10/24/08 09:18
Trichlorofluoromethane		49.0	MNR1	ug/L	50.0	98%	68 - 125	0.7	20	8104118		10/24/08 09:18
1,2,3-Trichloropropane		36.1	MNR1	ug/L	50.0	72%	60 - 127	0.8	26	8104118		10/24/08 09:18
1,3,5-Trimethylbenzene		45.2	MNR1	ug/L	50.0	90%	80 - 129	0	16	8104118		10/24/08 09:18
1,2,4-Trimethylbenzene		50.7	MNR1	ug/L	50.0	101%	80 - 128	1	22	8104118		10/24/08 09:18
Vinyl chloride		42.4	MNR1	ug/L	50.0	85%	69 - 120	2	26	8104118		10/24/08 09:18
Xylenes, total		155	MNR1	ug/L	150	103%	80 - 129	2	18	8104118		10/24/08 09:18
Surrogate: 1,2-Dichloroethane-d4		23.8		ug/L	25.0	95%	60 - 140			8104118		10/24/08 09:18
Surrogate: Dibromofluoromethane		26.0		ug/L	25.0	104%	75 - 124			8104118		10/24/08 09:18
Surrogate: Toluene-d8		24.4		ug/L	25.0	98%	78 - 121			8104118		10/24/08 09:18
Surrogate: 4-Bromofluorobenzene		24.9		ug/L	25.0	100%	79 - 124			8104118		10/24/08 09:18
8104334-BSD1												
Acetone		240		ug/L	250	96%	62 - 150	0.6	29	8104334		10/25/08 16:00
Benzene		50.4		ug/L	50.0	101%	80 - 137	1	23	8104334		10/25/08 16:00
Bromobenzene		46.5		ug/L	50.0	93%	74 - 131	5	18	8104334		10/25/08 16:00
Bromochloromethane		50.9		ug/L	50.0	102%	80 - 128	0.4	18	8104334		10/25/08 16:00
Bromodichloromethane		56.6		ug/L	50.0	113%	80 - 129	5	18	8104334		10/25/08 16:00
Bromoform		44.4		ug/L	50.0	89%	69 - 127	0.4	24	8104334		10/25/08 16:00
Bromomethane		49.0		ug/L	50.0	98%	62 - 148	3	45	8104334		10/25/08 16:00
2-Butanone		221		ug/L	250	88%	77 - 141	0.04	36	8104334		10/25/08 16:00
sec-Butylbenzene		50.6		ug/L	50.0	101%	78 - 133	6	17	8104334		10/25/08 16:00
n-Butylbenzene		50.8		ug/L	50.0	102%	72 - 136	7	18	8104334		10/25/08 16:00
tert-Butylbenzene		50.9		ug/L	50.0	102%	77 - 135	6	17	8104334		10/25/08 16:00
Carbon disulfide		54.6		ug/L	50.0	109%	80 - 126	0.1	16	8104334		10/25/08 16:00

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
8104334-BSD1												
Carbon Tetrachloride		71.1		ug/L	50.0	142%	76 - 143	3	29	8104334		10/25/08 16:00
Chlorobenzene		49.7		ug/L	50.0	99%	80 - 120	3	27	8104334		10/25/08 16:00
Chlorodibromomethane		48.8		ug/L	50.0	98%	76 - 123	3	21	8104334		10/25/08 16:00
Chloroethane		50.3		ug/L	50.0	101%	77 - 127	0.6	32	8104334		10/25/08 16:00
Chloroform		52.0		ug/L	50.0	104%	80 - 133	2	28	8104334		10/25/08 16:00
Chloromethane		39.2		ug/L	50.0	78%	33 - 125	6	21	8104334		10/25/08 16:00
2-Chlorotoluene		50.4		ug/L	50.0	101%	80 - 127	6	16	8104334		10/25/08 16:00
4-Chlorotoluene		48.3		ug/L	50.0	97%	80 - 127	6	17	8104334		10/25/08 16:00
1,2-Dibromo-3-chloropropane		37.9		ug/L	50.0	76%	60 - 136	1	29	8104334		10/25/08 16:00
1,2-Dibromoethane (EDB)		49.1		ug/L	50.0	98%	80 - 125	1	21	8104334		10/25/08 16:00
Dibromomethane		48.3		ug/L	50.0	97%	80 - 124	0.4	20	8104334		10/25/08 16:00
1,4-Dichlorobenzene		47.3		ug/L	50.0	95%	80 - 120	8	19	8104334		10/25/08 16:00
1,3-Dichlorobenzene		47.1		ug/L	50.0	94%	80 - 123	6	18	8104334		10/25/08 16:00
1,2-Dichlorobenzene		46.1		ug/L	50.0	92%	80 - 122	6	23	8104334		10/25/08 16:00
Dichlorodifluoromethane		47.2		ug/L	50.0	94%	36 - 120	1	14	8104334		10/25/08 16:00
1,1-Dichloroethane		51.7		ug/L	50.0	103%	76 - 130	2	15	8104334		10/25/08 16:00
1,2-Dichloroethane		51.5		ug/L	50.0	103%	69 - 136	1	26	8104334		10/25/08 16:00
cis-1,2-Dichloroethene		54.3		ug/L	50.0	109%	80 - 129	1	14	8104334		10/25/08 16:00
1,1-Dichloroethene		55.0		ug/L	50.0	110%	80 - 127	0.7	26	8104334		10/25/08 16:00
trans-1,2-Dichloroethene		52.4		ug/L	50.0	105%	80 - 131	0.3	14	8104334		10/25/08 16:00
1,3-Dichloropropane		45.6		ug/L	50.0	91%	80 - 122	0.4	21	8104334		10/25/08 16:00
1,2-Dichloropropane		47.3		ug/L	50.0	95%	80 - 120	0.7	16	8104334		10/25/08 16:00
2,2-Dichloropropane		58.1		ug/L	50.0	116%	62 - 142	2	14	8104334		10/25/08 16:00
cis-1,3-Dichloropropene		56.6		ug/L	50.0	113%	76 - 135	4	19	8104334		10/25/08 16:00
trans-1,3-Dichloropropene		51.0		ug/L	50.0	102%	70 - 137	2	20	8104334		10/25/08 16:00
1,1-Dichloropropene		55.5		ug/L	50.0	111%	80 - 127	0.5	14	8104334		10/25/08 16:00
Ethylbenzene		49.6		ug/L	50.0	99%	80 - 128	2	17	8104334		10/25/08 16:00
Hexachlorobutadiene		58.7	B	ug/L	50.0	117%	68 - 148	9	34	8104334		10/25/08 16:00
2-Hexanone		193		ug/L	250	77%	69 - 148	0.6	34	8104334		10/25/08 16:00
Isopropylbenzene		52.8		ug/L	50.0	106%	80 - 121	3	18	8104334		10/25/08 16:00
p-Isopropyltoluene		50.0		ug/L	50.0	100%	79 - 127	6	17	8104334		10/25/08 16:00
Methyl tert-Butyl Ether		40.8		ug/L	50.0	82%	70 - 129	0.9	32	8104334		10/25/08 16:00
Methylene Chloride		51.0		ug/L	50.0	102%	76 - 135	0.5	18	8104334		10/25/08 16:00
4-Methyl-2-pentanone		198		ug/L	250	79%	67 - 143	2	31	8104334		10/25/08 16:00
Naphthalene		38.3		ug/L	50.0	77%	62 - 141	4	39	8104334		10/25/08 16:00
n-Propylbenzene		50.4		ug/L	50.0	101%	80 - 132	6	17	8104334		10/25/08 16:00
Styrene		52.1		ug/L	50.0	104%	80 - 139	2	16	8104334		10/25/08 16:00
1,1,1,2-Tetrachloroethane		55.8		ug/L	50.0	112%	80 - 135	2	17	8104334		10/25/08 16:00
1,1,2,2-Tetrachloroethane		42.2		ug/L	50.0	84%	65 - 145	3	28	8104334		10/25/08 16:00
Tetrachloroethene		53.2		ug/L	50.0	106%	80 - 125	4	27	8104334		10/25/08 16:00
Toluene		48.4		ug/L	50.0	97%	80 - 125	2	19	8104334		10/25/08 16:00

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
8104334-BSD1												
1,2,3-Trichlorobenzene		42.6		ug/L	50.0	85%	57 - 144	5	31	8104334		10/25/08 16:00
1,2,4-Trichlorobenzene		43.4		ug/L	50.0	87%	60 - 140	5	26	8104334		10/25/08 16:00
1,1,2-Trichloroethane		46.1		ug/L	50.0	92%	80 - 122	1	21	8104334		10/25/08 16:00
1,1,1-Trichloroethane		58.2		ug/L	50.0	116%	80 - 131	2	16	8104334		10/25/08 16:00
Trichloroethene		54.2		ug/L	50.0	108%	80 - 131	1	28	8104334		10/25/08 16:00
Trichlorofluoromethane		53.7		ug/L	50.0	107%	68 - 125	2	20	8104334		10/25/08 16:00
1,2,3-Trichloropropane		38.3		ug/L	50.0	77%	60 - 127	3	26	8104334		10/25/08 16:00
1,3,5-Trimethylbenzene		50.4		ug/L	50.0	101%	80 - 129	7	16	8104334		10/25/08 16:00
1,2,4-Trimethylbenzene		56.7		ug/L	50.0	113%	80 - 128	7	22	8104334		10/25/08 16:00
Vinyl chloride		45.3		ug/L	50.0	91%	69 - 120	0.3	26	8104334		10/25/08 16:00
Xylenes, total		173		ug/L	150	115%	80 - 129	4	18	8104334		10/25/08 16:00
Surrogate: 1,2-Dichloroethane-d4		23.4		ug/L	25.0	94%	60 - 140			8104334		10/25/08 16:00
Surrogate: Dibromofluoromethane		25.7		ug/L	25.0	103%	75 - 124			8104334		10/25/08 16:00
Surrogate: Toluene-d8		24.5		ug/L	25.0	98%	78 - 121			8104334		10/25/08 16:00
Surrogate: 4-Bromofluorobenzene		25.3		ug/L	25.0	101%	79 - 124			8104334		10/25/08 16:00

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
8104334-MS1										
Acetone	ND	283		ug/L	250	113%	55 - 148	8104334	NRJ2599-02	10/26/08 23:32
Benzene	ND	59.5		ug/L	50.0	119%	68 - 143	8104334	NRJ2599-02	10/26/08 23:32
Bromobenzene	ND	52.4		ug/L	50.0	105%	65 - 140	8104334	NRJ2599-02	10/26/08 23:32
Bromochloromethane	ND	57.1		ug/L	50.0	114%	80 - 137	8104334	NRJ2599-02	10/26/08 23:32
Bromodichloromethane	ND	74.4	M7	ug/L	50.0	149%	80 - 132	8104334	NRJ2599-02	10/26/08 23:32
Bromoform	ND	48.9		ug/L	50.0	98%	67 - 123	8104334	NRJ2599-02	10/26/08 23:32
Bromomethane	ND	60.8		ug/L	50.0	122%	39 - 166	8104334	NRJ2599-02	10/26/08 23:32
2-Butanone	ND	256		ug/L	250	102%	50 - 154	8104334	NRJ2599-02	10/26/08 23:32
sec-Butylbenzene	ND	57.1		ug/L	50.0	114%	73 - 142	8104334	NRJ2599-02	10/26/08 23:32
n-Butylbenzene	ND	57.7		ug/L	50.0	115%	64 - 147	8104334	NRJ2599-02	10/26/08 23:32
tert-Butylbenzene	ND	56.0		ug/L	50.0	112%	70 - 148	8104334	NRJ2599-02	10/26/08 23:32
Carbon disulfide	ND	69.8		ug/L	50.0	140%	79 - 147	8104334	NRJ2599-02	10/26/08 23:32
Carbon Tetrachloride	ND	95.1	M7	ug/L	50.0	190%	62 - 165	8104334	NRJ2599-02	10/26/08 23:32
Chlorobenzene	ND	55.0		ug/L	50.0	110%	67 - 140	8104334	NRJ2599-02	10/26/08 23:32
Chlorodibromomethane	ND	53.7		ug/L	50.0	107%	72 - 123	8104334	NRJ2599-02	10/26/08 23:32
Chloroethane	ND	65.0		ug/L	50.0	130%	74 - 151	8104334	NRJ2599-02	10/26/08 23:32
Chloroform	ND	65.7		ug/L	50.0	131%	59 - 152	8104334	NRJ2599-02	10/26/08 23:32
Chloromethane	ND	48.6		ug/L	50.0	97%	33 - 138	8104334	NRJ2599-02	10/26/08 23:32
2-Chlorotoluene	ND	56.3		ug/L	50.0	113%	76 - 134	8104334	NRJ2599-02	10/26/08 23:32
4-Chlorotoluene	ND	53.8		ug/L	50.0	108%	80 - 133	8104334	NRJ2599-02	10/26/08 23:32
1,2-Dibromo-3-chloropropane	ND	41.2		ug/L	50.0	82%	60 - 136	8104334	NRJ2599-02	10/26/08 23:32
1,2-Dibromoethane (EDB)	ND	54.4		ug/L	50.0	109%	80 - 132	8104334	NRJ2599-02	10/26/08 23:32
Dibromomethane	ND	58.6		ug/L	50.0	117%	79 - 131	8104334	NRJ2599-02	10/26/08 23:32
1,4-Dichlorobenzene	ND	50.5		ug/L	50.0	101%	80 - 126	8104334	NRJ2599-02	10/26/08 23:32
1,3-Dichlorobenzene	ND	49.7		ug/L	50.0	99%	75 - 132	8104334	NRJ2599-02	10/26/08 23:32
1,2-Dichlorobenzene	ND	49.8		ug/L	50.0	100%	80 - 130	8104334	NRJ2599-02	10/26/08 23:32
Dichlorodifluoromethane	ND	57.0		ug/L	50.0	114%	36 - 146	8104334	NRJ2599-02	10/26/08 23:32
1,1-Dichloroethane	ND	68.2	M7	ug/L	50.0	136%	76 - 131	8104334	NRJ2599-02	10/26/08 23:32
1,2-Dichloroethane	ND	71.2		ug/L	50.0	142%	53 - 146	8104334	NRJ2599-02	10/26/08 23:32
cis-1,2-Dichloroethene	ND	71.2	M7	ug/L	50.0	142%	76 - 141	8104334	NRJ2599-02	10/26/08 23:32
1,1-Dichloroethene	ND	69.7		ug/L	50.0	139%	63 - 157	8104334	NRJ2599-02	10/26/08 23:32
trans-1,2-Dichloroethene	ND	70.3	M7	ug/L	50.0	141%	78 - 137	8104334	NRJ2599-02	10/26/08 23:32
1,3-Dichloropropane	ND	52.7		ug/L	50.0	105%	76 - 130	8104334	NRJ2599-02	10/26/08 23:32
1,2-Dichloropropane	ND	58.1		ug/L	50.0	116%	77 - 128	8104334	NRJ2599-02	10/26/08 23:32
2,2-Dichloropropane	ND	79.5	M7	ug/L	50.0	159%	62 - 145	8104334	NRJ2599-02	10/26/08 23:32
cis-1,3-Dichloropropene	ND	63.5		ug/L	50.0	127%	71 - 140	8104334	NRJ2599-02	10/26/08 23:32
trans-1,3-Dichloropropene	ND	57.6		ug/L	50.0	115%	65 - 137	8104334	NRJ2599-02	10/26/08 23:32

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
8104334-MS1										
1,1-Dichloropropene	ND	72.0	M7	ug/L	50.0	144%	80 - 136	8104334	NRJ2599-02	10/26/08 23:32
Ethylbenzene	ND	57.9		ug/L	50.0	116%	80 - 135	8104334	NRJ2599-02	10/26/08 23:32
Hexachlorobutadiene	ND	61.0	B	ug/L	50.0	122%	48 - 155	8104334	NRJ2599-02	10/26/08 23:32
2-Hexanone	ND	224		ug/L	250	90%	58 - 154	8104334	NRJ2599-02	10/26/08 23:32
Isopropylbenzene	ND	61.6		ug/L	50.0	123%	80 - 135	8104334	NRJ2599-02	10/26/08 23:32
p-Isopropyltoluene	ND	55.1		ug/L	50.0	110%	74 - 139	8104334	NRJ2599-02	10/26/08 23:32
Methyl tert-Butyl Ether	ND	52.4		ug/L	50.0	105%	60 - 144	8104334	NRJ2599-02	10/26/08 23:32
Methylene Chloride	ND	61.5		ug/L	50.0	123%	64 - 140	8104334	NRJ2599-02	10/26/08 23:32
4-Methyl-2-pentanone	ND	227		ug/L	250	91%	55 - 153	8104334	NRJ2599-02	10/26/08 23:32
Naphthalene	ND	41.2		ug/L	50.0	82%	50 - 154	8104334	NRJ2599-02	10/26/08 23:32
n-Propylbenzene	ND	56.7		ug/L	50.0	113%	78 - 141	8104334	NRJ2599-02	10/26/08 23:32
Styrene	ND	57.9		ug/L	50.0	116%	80 - 139	8104334	NRJ2599-02	10/26/08 23:32
1,1,1,2-Tetrachloroethane	ND	62.6		ug/L	50.0	125%	75 - 140	8104334	NRJ2599-02	10/26/08 23:32
1,1,2,2-Tetrachloroethane	ND	47.8		ug/L	50.0	96%	55 - 152	8104334	NRJ2599-02	10/26/08 23:32
Tetrachloroethene	ND	56.9		ug/L	50.0	114%	67 - 150	8104334	NRJ2599-02	10/26/08 23:32
Toluene	ND	53.5		ug/L	50.0	107%	75 - 139	8104334	NRJ2599-02	10/26/08 23:32
1,2,3-Trichlorobenzene	ND	44.1		ug/L	50.0	88%	49 - 144	8104334	NRJ2599-02	10/26/08 23:32
1,2,4-Trichlorobenzene	ND	45.0		ug/L	50.0	90%	55 - 135	8104334	NRJ2599-02	10/26/08 23:32
1,1,2-Trichloroethane	ND	51.3		ug/L	50.0	103%	77 - 128	8104334	NRJ2599-02	10/26/08 23:32
1,1,1-Trichloroethane	ND	78.8	M7	ug/L	50.0	158%	80 - 136	8104334	NRJ2599-02	10/26/08 23:32
Trichloroethene	ND	60.5		ug/L	50.0	121%	57 - 158	8104334	NRJ2599-02	10/26/08 23:32
Trichlorofluoromethane	ND	76.4	M7	ug/L	50.0	153%	68 - 145	8104334	NRJ2599-02	10/26/08 23:32
1,2,3-Trichloropropane	ND	43.0		ug/L	50.0	86%	55 - 137	8104334	NRJ2599-02	10/26/08 23:32
1,3,5-Trimethylbenzene	ND	55.5		ug/L	50.0	111%	78 - 136	8104334	NRJ2599-02	10/26/08 23:32
1,2,4-Trimethylbenzene	ND	62.9		ug/L	50.0	126%	70 - 143	8104334	NRJ2599-02	10/26/08 23:32
Vinyl chloride	ND	59.9		ug/L	50.0	120%	49 - 156	8104334	NRJ2599-02	10/26/08 23:32
Xylenes, total	ND	203		ug/L	150	136%	80 - 136	8104334	NRJ2599-02	10/26/08 23:32
Surrogate: 1,2-Dichloroethane-d4		28.3		ug/L	25.0	113%	60 - 140	8104334	NRJ2599-02	10/26/08 23:32
Surrogate: Dibromofluoromethane		27.9		ug/L	25.0	112%	75 - 124	8104334	NRJ2599-02	10/26/08 23:32
Surrogate: Toluene-d8		23.3		ug/L	25.0	93%	78 - 121	8104334	NRJ2599-02	10/26/08 23:32
Surrogate: 4-Bromofluorobenzene		26.0		ug/L	25.0	104%	79 - 124	8104334	NRJ2599-02	10/26/08 23:32

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
8104334-MSD1												
Acetone	ND	259		ug/L	250	104%	55 - 148	9	29	8104334	NRJ2599-02	10/26/08 23:58
Benzene	ND	55.4		ug/L	50.0	111%	68 - 143	7	23	8104334	NRJ2599-02	10/26/08 23:58
Bromobenzene	ND	49.7		ug/L	50.0	99%	65 - 140	5	18	8104334	NRJ2599-02	10/26/08 23:58
Bromochloromethane	ND	51.5		ug/L	50.0	103%	80 - 137	10	18	8104334	NRJ2599-02	10/26/08 23:58
Bromodichloromethane	ND	68.1	M7	ug/L	50.0	136%	80 - 132	9	18	8104334	NRJ2599-02	10/26/08 23:58
Bromoform	ND	46.4		ug/L	50.0	93%	67 - 123	5	24	8104334	NRJ2599-02	10/26/08 23:58
Bromomethane	ND	56.0		ug/L	50.0	112%	39 - 166	8	45	8104334	NRJ2599-02	10/26/08 23:58
2-Butanone	ND	243		ug/L	250	97%	50 - 154	5	36	8104334	NRJ2599-02	10/26/08 23:58
sec-Butylbenzene	ND	54.7		ug/L	50.0	109%	73 - 142	4	17	8104334	NRJ2599-02	10/26/08 23:58
n-Butylbenzene	ND	55.8		ug/L	50.0	112%	64 - 147	3	18	8104334	NRJ2599-02	10/26/08 23:58
tert-Butylbenzene	ND	54.0		ug/L	50.0	108%	70 - 148	4	17	8104334	NRJ2599-02	10/26/08 23:58
Carbon disulfide	ND	64.5		ug/L	50.0	129%	79 - 147	8	16	8104334	NRJ2599-02	10/26/08 23:58
Carbon Tetrachloride	ND	88.2	M7	ug/L	50.0	176%	62 - 165	7	29	8104334	NRJ2599-02	10/26/08 23:58
Chlorobenzene	ND	52.4		ug/L	50.0	105%	67 - 140	5	27	8104334	NRJ2599-02	10/26/08 23:58
Chlorodibromomethane	ND	51.1		ug/L	50.0	102%	72 - 123	5	21	8104334	NRJ2599-02	10/26/08 23:58
Chloroethane	ND	60.9		ug/L	50.0	122%	74 - 151	7	32	8104334	NRJ2599-02	10/26/08 23:58
Chloroform	ND	60.1		ug/L	50.0	120%	59 - 152	9	28	8104334	NRJ2599-02	10/26/08 23:58
Chloromethane	ND	45.2		ug/L	50.0	90%	33 - 138	7	21	8104334	NRJ2599-02	10/26/08 23:58
2-Chlorotoluene	ND	53.3		ug/L	50.0	107%	76 - 134	5	16	8104334	NRJ2599-02	10/26/08 23:58
4-Chlorotoluene	ND	51.5		ug/L	50.0	103%	80 - 133	4	17	8104334	NRJ2599-02	10/26/08 23:58
1,2-Dibromo-3-chloropropane	ND	39.2		ug/L	50.0	78%	60 - 136	5	29	8104334	NRJ2599-02	10/26/08 23:58
1,2-Dibromoethane (EDB)	ND	51.4		ug/L	50.0	103%	80 - 132	6	21	8104334	NRJ2599-02	10/26/08 23:58
Dibromomethane	ND	53.9		ug/L	50.0	108%	79 - 131	8	20	8104334	NRJ2599-02	10/26/08 23:58
1,4-Dichlorobenzene	ND	48.4		ug/L	50.0	97%	80 - 126	4	19	8104334	NRJ2599-02	10/26/08 23:58
1,3-Dichlorobenzene	ND	47.9		ug/L	50.0	96%	75 - 132	4	18	8104334	NRJ2599-02	10/26/08 23:58
1,2-Dichlorobenzene	ND	47.4		ug/L	50.0	95%	80 - 130	5	23	8104334	NRJ2599-02	10/26/08 23:58
Dichlorodifluoromethane	ND	52.6		ug/L	50.0	105%	36 - 146	8	14	8104334	NRJ2599-02	10/26/08 23:58
1,1-Dichloroethane	ND	61.9		ug/L	50.0	124%	76 - 131	10	15	8104334	NRJ2599-02	10/26/08 23:58
1,2-Dichloroethane	ND	64.7		ug/L	50.0	129%	53 - 146	9	26	8104334	NRJ2599-02	10/26/08 23:58
cis-1,2-Dichloroethene	ND	64.8		ug/L	50.0	130%	76 - 141	9	14	8104334	NRJ2599-02	10/26/08 23:58
1,1-Dichloroethene	ND	64.4		ug/L	50.0	129%	63 - 157	8	26	8104334	NRJ2599-02	10/26/08 23:58
trans-1,2-Dichloroethene	ND	64.2		ug/L	50.0	128%	78 - 137	9	14	8104334	NRJ2599-02	10/26/08 23:58
1,3-Dichloropropane	ND	49.3		ug/L	50.0	99%	76 - 130	7	21	8104334	NRJ2599-02	10/26/08 23:58
1,2-Dichloropropane	ND	53.1		ug/L	50.0	106%	77 - 128	9	16	8104334	NRJ2599-02	10/26/08 23:58
2,2-Dichloropropane	ND	72.9	M7	ug/L	50.0	146%	62 - 145	9	14	8104334	NRJ2599-02	10/26/08 23:58
cis-1,3-Dichloropropene	ND	59.2		ug/L	50.0	118%	71 - 140	7	19	8104334	NRJ2599-02	10/26/08 23:58
trans-1,3-Dichloropropene	ND	54.7		ug/L	50.0	109%	65 - 137	5	20	8104334	NRJ2599-02	10/26/08 23:58
1,1-Dichloropropene	ND	66.5		ug/L	50.0	133%	80 - 136	8	14	8104334	NRJ2599-02	10/26/08 23:58
Ethylbenzene	ND	54.4		ug/L	50.0	109%	80 - 135	6	17	8104334	NRJ2599-02	10/26/08 23:58
Hexachlorobutadiene	ND	60.5	B	ug/L	50.0	121%	48 - 155	0.9	34	8104334	NRJ2599-02	10/26/08 23:58
2-Hexanone	ND	216		ug/L	250	86%	58 - 154	4	34	8104334	NRJ2599-02	10/26/08 23:58

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
8104334-MSD1												
Isopropylbenzene	ND	58.5		ug/L	50.0	117%	80 - 135	5	18	8104334	NRJ2599-02	10/26/08 23:58
p-Isopropyltoluene	ND	53.0		ug/L	50.0	106%	74 - 139	4	17	8104334	NRJ2599-02	10/26/08 23:58
Methyl tert-Butyl Ether	ND	48.7		ug/L	50.0	97%	60 - 144	7	32	8104334	NRJ2599-02	10/26/08 23:58
Methylene Chloride	ND	56.2		ug/L	50.0	112%	64 - 140	9	18	8104334	NRJ2599-02	10/26/08 23:58
4-Methyl-2-pentanone	ND	215		ug/L	250	86%	55 - 153	5	31	8104334	NRJ2599-02	10/26/08 23:58
Naphthalene	ND	40.5		ug/L	50.0	81%	50 - 154	2	39	8104334	NRJ2599-02	10/26/08 23:58
n-Propylbenzene	ND	54.5		ug/L	50.0	109%	78 - 141	4	17	8104334	NRJ2599-02	10/26/08 23:58
Styrene	ND	54.2		ug/L	50.0	108%	80 - 139	6	16	8104334	NRJ2599-02	10/26/08 23:58
1,1,1,2-Tetrachloroethane	ND	58.9		ug/L	50.0	118%	75 - 140	6	17	8104334	NRJ2599-02	10/26/08 23:58
1,1,2,2-Tetrachloroethane	ND	45.6		ug/L	50.0	91%	55 - 152	5	28	8104334	NRJ2599-02	10/26/08 23:58
Tetrachloroethene	ND	54.4		ug/L	50.0	109%	67 - 150	5	27	8104334	NRJ2599-02	10/26/08 23:58
Toluene	ND	50.7		ug/L	50.0	101%	75 - 139	6	19	8104334	NRJ2599-02	10/26/08 23:58
1,2,3-Trichlorobenzene	ND	43.4		ug/L	50.0	87%	49 - 144	2	31	8104334	NRJ2599-02	10/26/08 23:58
1,2,4-Trichlorobenzene	ND	44.4		ug/L	50.0	89%	55 - 135	1	26	8104334	NRJ2599-02	10/26/08 23:58
1,1,2-Trichloroethane	ND	47.8		ug/L	50.0	96%	77 - 128	7	21	8104334	NRJ2599-02	10/26/08 23:58
1,1,1-Trichloroethane	ND	72.5	M7	ug/L	50.0	145%	80 - 136	8	16	8104334	NRJ2599-02	10/26/08 23:58
Trichloroethene	ND	56.1		ug/L	50.0	112%	57 - 158	8	28	8104334	NRJ2599-02	10/26/08 23:58
Trichlorofluoromethane	ND	70.9		ug/L	50.0	142%	68 - 145	7	20	8104334	NRJ2599-02	10/26/08 23:58
1,2,3-Trichloropropane	ND	41.4		ug/L	50.0	83%	55 - 137	4	26	8104334	NRJ2599-02	10/26/08 23:58
1,3,5-Trimethylbenzene	ND	53.2		ug/L	50.0	106%	78 - 136	4	16	8104334	NRJ2599-02	10/26/08 23:58
1,2,4-Trimethylbenzene	ND	60.0		ug/L	50.0	120%	70 - 143	5	22	8104334	NRJ2599-02	10/26/08 23:58
Vinyl chloride	ND	54.7		ug/L	50.0	109%	49 - 156	9	26	8104334	NRJ2599-02	10/26/08 23:58
Xylenes, total	ND	190		ug/L	150	127%	80 - 136	7	18	8104334	NRJ2599-02	10/26/08 23:58
Surrogate: 1,2-Dichloroethane-d4		27.9		ug/L	25.0	112%	60 - 140			8104334	NRJ2599-02	10/26/08 23:58
Surrogate: Dibromofluoromethane		27.4		ug/L	25.0	110%	75 - 124			8104334	NRJ2599-02	10/26/08 23:58
Surrogate: Toluene-d8		23.4		ug/L	25.0	94%	78 - 121			8104334	NRJ2599-02	10/26/08 23:58
Surrogate: 4-Bromofluorobenzene		25.6		ug/L	25.0	103%	79 - 124			8104334	NRJ2599-02	10/26/08 23:58

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	AIHA	Nelac	Illinois
SW846 8082	Water	N/A	X	X
SW846 8260B	Water	N/A	X	X

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2496
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Julie Heimerdinger	Received:	10/23/08 08:00

DATA QUALIFIERS AND DEFINITIONS

B	Analyte was detected in the associated Method Blank.
CF7	Result may be elevated due to carry over from previously analyzed sample.
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.
R10	The RPD between the primary and confirmatory analysis exceeded 40%. Per method 8000B, the lower value was reported due to apparent chromatographic problems.
ND	Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville, TN

COOLER REC

NRJ2496

Cooler Received/Opened On 10 / 23 / 08 @ 8:00

1. Tracking # 6169 (last 4 digits, FedEx)

Courier: FED-EX IR Gun ID 90942856

2. Temperature of rep. sample or temp blank when opened: 5.8 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

   If yes, how many and where: front / back

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

   Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

   b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

   b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

   If preservation in-house was needed, record standard ID of preservative used here_____

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#_____

BIS = Broken in shipment

End of Form

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville, TN

COOLER RECEIPT FORM

Cooler Received/Opened On 10 / 23 / 08 @ 8:00

1. Tracking # 6147 (last 4 digits, FedEx)

Courier: FED-EX IR Gun ID 90942856

2. Temperature of rep. sample or temp blank when opened: 1.6 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

   If yes, how many and where: front / back

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

   Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

   b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

   b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

   If preservation in-house was needed, record standard ID of preservative used here_____

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#_____

Custody seals were on the bubblewrap the VOAs were in.

BIS = Broken in shipment

End of Form

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax: (615) 726-3404

Client: Mabbett & Associates, Inc. (10615)
Address: 5 Alfred Circle
City, State, Zip: Bedford MA 01730
Client Invoice Contact: Attn: Accounts Payable
Client Project Mgr: Kiran Sears
Client Telephone#: (781) 275-6050 Fax: (781) 275-5651
Sampler Name (Print): Kiran Sears
SamplerSignature: Kiran Sears

TA Account #: 1408030 PO #:
Invoice to: Mabbett & Associates, Inc. (10615)
Report to: ~~Julie Heinerdinger~~ KS Kiran Sears
Project Name: Bodycote
Facility ID: 1998002.242/244
Site Address:
City,State,Zip: Illinois
Regulatory District (CA):

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	Analyze for: 8082 PCBs	8082 PCBs in Oil	8260B Volatile Organics	Cyanide Dissociable SM4500-CN I	Cyanide Total 9012B	KS PAHs								RUSH TAT (Pre Schedule) *
MCA-5	10/22	1015	5	✓					✓					✓	✓						✓		✓								01			
M&A-106	10/22	0935	2	✓										✓	✓						✓										2			
M&A-111	10/22	1125	5	✓					✓					✓	✓						✓		✓								3			
M&A-115	10/22	0940	3	✓					✓						✓								✓								4			
M&A-116	10/22	0810	3	✓					✓						✓								✓								5			
M&A-117	10/22	0900	2	✓										✓	✓						✓										6			
M&A-120	10/22	0815	3	✓					✓						✓								✓								7			
M&A-121	10/22	0910	3	✓					✓						✓								✓								8			
M&A-122	10/22	1345	5	✓					✓					✓	✓						✓		✓			✓					9			
M&A-12[illegible]	10/22	0050	2	✓										✓	✓						✓										10			

NRJ2496
11/03/08 23:59

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.
* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments;additional charges may be assessed.
There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 12433

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
Kiran Sears	10/22/08	1600						

Shipped Via:	Shipped Via:	QC Deliverables (Please Circle One): Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)	Date Due of Report:
Received for TestAmerica by:	Date: 10/23/08	Time: 8:41	Temperature Upon Receipt:	Sample Containers Intact? Y N	VOCs Free of Headspace? Y N

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

November 10, 2008 3:18:22PM

Client: Mabbett & Associates, Inc. (10615)
5 Alfred Circle
Bedford, MA 01730
Attn: Julie Heimerdinger

Work Order: NRJ3151
Project Name: Bodycote
Project Nbr: 1998002.248
P/O Nbr:
Date Received: 10/30/08

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Well-1	NRJ3151-01	10/28/08 09:30
M&A-201	NRJ3151-02	10/28/08 10:20
M&A-202	NRJ3151-03	10/28/08 11:10
M&A-203	NRJ3151-04	10/28/08 11:45
M&A-204	NRJ3151-05	10/28/08 12:00
M&A-205	NRJ3151-06	10/28/08 11:20
M&A-208	NRJ3151-07	10/28/08 14:10
M&A-209	NRJ3151-08	10/27/08 10:25
MW-10	NRJ3151-09	10/28/08 13:35
MCA-3	NRJ3151-10	10/27/08 13:35
MCA-1	NRJ3151-11	10/28/08 08:10
MCA-4	NRJ3151-12	10/28/08 08:05
M&A-133	NRJ3151-13	10/28/08 10:50
MW-6	NRJ3151-14	10/28/08 09:35
M&A-118	NRJ3151-15	10/28/08 11:45
M&A-127	NRJ3151-16	10/28/08 09:50
M&A-101	NRJ3151-17	10/29/08 08:40
M&A-102	NRJ3151-18	10/29/08 08:20
M&A-130	NRJ3151-19	10/29/08 09:20
M&A-131	NRJ3151-20	10/29/08 09:55
Trip Blank	NRJ3151-21	10/29/08 00:01

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

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RELEASED
9/21/20 – 2020-003646
TJW per CLM

Illinois Certification Number: 200010
The Chain(s) of Custody, 5 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainty is available upon request.
This report has been electronically signed.
Report Approved By:

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

Roxanne L. Connor

Roxanne Connor

Program Manager - Conventional Accounts

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-01 (Well-1 - Ground Water) Sampled: 10/28/08 09:30								
General Chemistry Parameters								
Cyanide	**0.0120**		mg/L	0.00500	1	11/09/08 14:07	SW846 9012B	8110725
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/01/08 15:09	SW846 8260B	8110401
Benzene	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
Bromobenzene	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
Bromochloromethane	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
Bromodichloromethane	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
Bromoform	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
Bromomethane	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
2-Butanone	ND		ug/L	50.0	1	11/01/08 15:09	SW846 8260B	8110401
sec-Butylbenzene	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
n-Butylbenzene	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
tert-Butylbenzene	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
Carbon disulfide	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
Carbon Tetrachloride	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
Chlorobenzene	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
Chlorodibromomethane	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
Chloroethane	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
Chloroform	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
Chloromethane	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
2-Chlorotoluene	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
4-Chlorotoluene	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/01/08 15:09	SW846 8260B	8110401
1,2-Dibromoethane (EDB)	ND	L	ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
Dibromomethane	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
1,1-Dichloroethane	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
1,2-Dichloroethane	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
1,1-Dichloroethene	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
1,3-Dichloropropane	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
1,2-Dichloropropane	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
2,2-Dichloropropane	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
1,1-Dichloropropene	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
Ethylbenzene	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
Hexachlorobutadiene	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
2-Hexanone	ND		ug/L	50.0	1	11/01/08 15:09	SW846 8260B	8110401

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-01 (Well-1 - Ground Water) - cont. Sampled: 10/28/08 09:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Isopropylbenzene	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
p-Isopropyltoluene	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
Methylene Chloride	ND		ug/L	5.00	1	11/01/08 15:09	SW846 8260B	8110401
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/01/08 15:09	SW846 8260B	8110401
Naphthalene	ND		ug/L	5.00	1	11/01/08 15:09	SW846 8260B	8110401
n-Propylbenzene	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
Styrene	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
Tetrachloroethene	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
Toluene	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
Trichloroethene	**5.05**		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
Trichlorofluoromethane	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
Vinyl chloride	ND		ug/L	1.00	1	11/01/08 15:09	SW846 8260B	8110401
Xylenes, total	ND		ug/L	3.00	1	11/01/08 15:09	SW846 8260B	8110401
Surr: 1,2-Dichloroethane-d4 (60-140%)	*104 %*					*11/01/08 15:09*	*SW846 8260B*	*8110401*
Surr: Dibromofluoromethane (75-124%)	*101 %*					*11/01/08 15:09*	*SW846 8260B*	*8110401*
Surr: Toluene-d8 (78-121%)	*102 %*					*11/01/08 15:09*	*SW846 8260B*	*8110401*
Surr: 4-Bromofluorobenzene (79-124%)	*103 %*					*11/01/08 15:09*	*SW846 8260B*	*8110401*
Sample ID: NRJ3151-02 (M&A-201 - Ground Water) Sampled: 10/28/08 10:20								
General Chemistry Parameters								
Cyanide	**0.0353**		mg/L	0.00500	1	11/09/08 14:07	SW846 9012B	8110725
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/01/08 15:39	SW846 8260B	8110401
Benzene	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
Bromobenzene	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
Bromochloromethane	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
Bromodichloromethane	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
Bromoform	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
Bromomethane	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
2-Butanone	ND		ug/L	50.0	1	11/01/08 15:39	SW846 8260B	8110401
sec-Butylbenzene	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
n-Butylbenzene	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
tert-Butylbenzene	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-02 (M&A-201 - Ground Water) - cont. Sampled: 10/28/08 10:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Carbon disulfide	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
Carbon Tetrachloride	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
Chlorobenzene	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
Chlorodibromomethane	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
Chloroethane	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
Chloroform	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
Chloromethane	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
2-Chlorotoluene	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
4-Chlorotoluene	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/01/08 15:39	SW846 8260B	8110401
1,2-Dibromoethane (EDB)	ND	L	ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
Dibromomethane	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
1,1-Dichloroethane	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
1,2-Dichloroethane	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
1,1-Dichloroethene	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
1,3-Dichloropropane	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
1,2-Dichloropropane	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
2,2-Dichloropropane	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
1,1-Dichloropropene	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
Ethylbenzene	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
Hexachlorobutadiene	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
2-Hexanone	ND		ug/L	50.0	1	11/01/08 15:39	SW846 8260B	8110401
Isopropylbenzene	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
p-Isopropyltoluene	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
Methylene Chloride	ND		ug/L	5.00	1	11/01/08 15:39	SW846 8260B	8110401
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/01/08 15:39	SW846 8260B	8110401
Naphthalene	ND		ug/L	5.00	1	11/01/08 15:39	SW846 8260B	8110401
n-Propylbenzene	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
Styrene	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
Tetrachloroethene	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
Toluene	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-02 (M&A-201 - Ground Water) - cont. Sampled: 10/28/08 10:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
Trichloroethene	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
Trichlorofluoromethane	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
Vinyl chloride	ND		ug/L	1.00	1	11/01/08 15:39	SW846 8260B	8110401
Xylenes, total	ND		ug/L	3.00	1	11/01/08 15:39	SW846 8260B	8110401
Surr: 1,2-Dichloroethane-d4 (60-140%)	*104 %*					*11/01/08 15:39*	*SW846 8260B*	*8110401*
Surr: Dibromofluoromethane (75-124%)	*102 %*					*11/01/08 15:39*	*SW846 8260B*	*8110401*
Surr: Toluene-d8 (78-121%)	*103 %*					*11/01/08 15:39*	*SW846 8260B*	*8110401*
Surr: 4-Bromofluorobenzene (79-124%)	*102 %*					*11/01/08 15:39*	*SW846 8260B*	*8110401*
Sample ID: NRJ3151-03 (M&A-202 - Ground Water) Sampled: 10/28/08 11:10								
General Chemistry Parameters								
Cyanide	**0.0537**		mg/L	0.00500	1	11/09/08 14:07	SW846 9012B	8110725
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/01/08 16:09	SW846 8260B	8110401
Benzene	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
Bromobenzene	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
Bromochloromethane	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
Bromodichloromethane	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
Bromoform	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
Bromomethane	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
2-Butanone	ND		ug/L	50.0	1	11/01/08 16:09	SW846 8260B	8110401
sec-Butylbenzene	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
n-Butylbenzene	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
tert-Butylbenzene	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
Carbon disulfide	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
Carbon Tetrachloride	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
Chlorobenzene	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
Chlorodibromomethane	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
Chloroethane	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
Chloroform	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
Chloromethane	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
2-Chlorotoluene	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
4-Chlorotoluene	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/01/08 16:09	SW846 8260B	8110401
1,2-Dibromoethane (EDB)	ND	L	ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
Dibromomethane	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Sample ID: NRJ3151-03 (M&A-202 - Ground Water) - cont. Sampled: 10/28/08 11:10

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
1,1-Dichloroethane	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
1,2-Dichloroethane	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
1,1-Dichloroethene	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
1,3-Dichloropropane	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
1,2-Dichloropropane	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
2,2-Dichloropropane	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
1,1-Dichloropropene	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
Ethylbenzene	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
Hexachlorobutadiene	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
2-Hexanone	ND		ug/L	50.0	1	11/01/08 16:09	SW846 8260B	8110401
Isopropylbenzene	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
p-Isopropyltoluene	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
Methylene Chloride	ND		ug/L	5.00	1	11/01/08 16:09	SW846 8260B	8110401
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/01/08 16:09	SW846 8260B	8110401
Naphthalene	ND		ug/L	5.00	1	11/01/08 16:09	SW846 8260B	8110401
n-Propylbenzene	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
Styrene	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
Tetrachloroethene	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
Toluene	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
Trichloroethene	**3.75**		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
Trichlorofluoromethane	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
Vinyl chloride	ND		ug/L	1.00	1	11/01/08 16:09	SW846 8260B	8110401
Xylenes, total	ND		ug/L	3.00	1	11/01/08 16:09	SW846 8260B	8110401
Surr: 1,2-Dichloroethane-d4 (60-140%)	*104 %*					*11/01/08 16:09*	*SW846 8260B*	*8110401*
Surr: Dibromofluoromethane (75-124%)	*101 %*					*11/01/08 16:09*	*SW846 8260B*	*8110401*
Surr: Toluene-d8 (78-121%)	*102 %*					*11/01/08 16:09*	*SW846 8260B*	*8110401*
Surr: 4-Bromofluorobenzene (79-124%)	*103 %*					*11/01/08 16:09*	*SW846 8260B*	*8110401*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-03 (M&A-202 - Ground Water) - cont. Sampled: 10/28/08 11:10								
Sample ID: NRJ3151-04 (M&A-203 - Ground Water) Sampled: 10/28/08 11:45								
General Chemistry Parameters								
Cyanide	**0.304**		mg/L	0.00500	1	11/09/08 14:07	SW846 9012B	8110725
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/01/08 16:39	SW846 8260B	8110401
Benzene	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
Bromobenzene	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
Bromochloromethane	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
Bromodichloromethane	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
Bromoform	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
Bromomethane	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
2-Butanone	ND		ug/L	50.0	1	11/01/08 16:39	SW846 8260B	8110401
sec-Butylbenzene	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
n-Butylbenzene	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
tert-Butylbenzene	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
Carbon disulfide	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
Carbon Tetrachloride	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
Chlorobenzene	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
Chlorodibromomethane	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
Chloroethane	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
Chloroform	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
Chloromethane	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
2-Chlorotoluene	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
4-Chlorotoluene	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/01/08 16:39	SW846 8260B	8110401
1,2-Dibromoethane (EDB)	ND	L	ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
Dibromomethane	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
Dichlorodifluoromethane	**52.3**		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
1,1-Dichloroethane	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
1,2-Dichloroethane	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
1,1-Dichloroethene	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
1,3-Dichloropropane	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
1,2-Dichloropropane	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
2,2-Dichloropropane	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
1,1-Dichloropropene	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
Ethylbenzene	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-04 (M&A-203 - Ground Water) - cont. Sampled: 10/28/08 11:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Hexachlorobutadiene	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
2-Hexanone	ND		ug/L	50.0	1	11/01/08 16:39	SW846 8260B	8110401
Isopropylbenzene	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
p-Isopropyltoluene	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
Methylene Chloride	ND		ug/L	5.00	1	11/01/08 16:39	SW846 8260B	8110401
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/01/08 16:39	SW846 8260B	8110401
Naphthalene	ND		ug/L	5.00	1	11/01/08 16:39	SW846 8260B	8110401
n-Propylbenzene	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
Styrene	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
Tetrachloroethene	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
Toluene	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
Trichloroethene	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
Trichlorofluoromethane	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
Vinyl chloride	ND		ug/L	1.00	1	11/01/08 16:39	SW846 8260B	8110401
Xylenes, total	ND		ug/L	3.00	1	11/01/08 16:39	SW846 8260B	8110401
Surr: 1,2-Dichloroethane-d4 (60-140%)	*104 %*					*11/01/08 16:39*	*SW846 8260B*	*8110401*
Surr: Dibromofluoromethane (75-124%)	*101 %*					*11/01/08 16:39*	*SW846 8260B*	*8110401*
Surr: Toluene-d8 (78-121%)	*104 %*					*11/01/08 16:39*	*SW846 8260B*	*8110401*
Surr: 4-Bromofluorobenzene (79-124%)	*101 %*					*11/01/08 16:39*	*SW846 8260B*	*8110401*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-05 (M&A-204 - Ground Water) Sampled: 10/28/08 12:00								
General Chemistry Parameters								
Cyanide	ND		mg/L	0.00500	1	11/09/08 14:07	SW846 9012B	8110725
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/01/08 17:09	SW846 8260B	8110401
Benzene	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
Bromobenzene	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
Bromochloromethane	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
Bromodichloromethane	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
Bromoform	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
Bromomethane	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
2-Butanone	ND		ug/L	50.0	1	11/01/08 17:09	SW846 8260B	8110401
sec-Butylbenzene	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
n-Butylbenzene	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
tert-Butylbenzene	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
Carbon disulfide	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
Carbon Tetrachloride	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
Chlorobenzene	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
Chlorodibromomethane	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
Chloroethane	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
Chloroform	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
Chloromethane	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
2-Chlorotoluene	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
4-Chlorotoluene	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/01/08 17:09	SW846 8260B	8110401
1,2-Dibromoethane (EDB)	ND	L	ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
Dibromomethane	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
1,1-Dichloroethane	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
1,2-Dichloroethane	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
1,1-Dichloroethene	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
1,3-Dichloropropane	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
1,2-Dichloropropane	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
2,2-Dichloropropane	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
1,1-Dichloropropene	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
Ethylbenzene	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
Hexachlorobutadiene	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
2-Hexanone	ND		ug/L	50.0	1	11/01/08 17:09	SW846 8260B	8110401

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-05 (M&A-204 - Ground Water) - cont. Sampled: 10/28/08 12:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Isopropylbenzene	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
p-Isopropyltoluene	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
Methylene Chloride	ND		ug/L	5.00	1	11/01/08 17:09	SW846 8260B	8110401
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/01/08 17:09	SW846 8260B	8110401
Naphthalene	ND		ug/L	5.00	1	11/01/08 17:09	SW846 8260B	8110401
n-Propylbenzene	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
Styrene	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
Tetrachloroethene	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
Toluene	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
Trichloroethene	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
Trichlorofluoromethane	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
Vinyl chloride	ND		ug/L	1.00	1	11/01/08 17:09	SW846 8260B	8110401
Xylenes, total	ND		ug/L	3.00	1	11/01/08 17:09	SW846 8260B	8110401
Surr: 1,2-Dichloroethane-d4 (60-140%)	*103 %*					*11/01/08 17:09*	*SW846 8260B*	*8110401*
Surr: Dibromofluoromethane (75-124%)	*102 %*					*11/01/08 17:09*	*SW846 8260B*	*8110401*
Surr: Toluene-d8 (78-121%)	*102 %*					*11/01/08 17:09*	*SW846 8260B*	*8110401*
Surr: 4-Bromofluorobenzene (79-124%)	*103 %*					*11/01/08 17:09*	*SW846 8260B*	*8110401*
Sample ID: NRJ3151-06 (M&A-205 - Ground Water) Sampled: 10/28/08 11:20								
General Chemistry Parameters								
Cyanide	**0.218**		mg/L	0.00500	1	11/09/08 14:07	SW846 9012B	8110725
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/01/08 17:39	SW846 8260B	8110401
Benzene	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
Bromobenzene	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
Bromochloromethane	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
Bromodichloromethane	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
Bromoform	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
Bromomethane	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
2-Butanone	ND		ug/L	50.0	1	11/01/08 17:39	SW846 8260B	8110401
sec-Butylbenzene	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
n-Butylbenzene	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
tert-Butylbenzene	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Sample ID: NRJ3151-06 (M&A-205 - Ground Water) - cont. Sampled: 10/28/08 11:20

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Carbon disulfide	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
Carbon Tetrachloride	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
Chlorobenzene	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
Chlorodibromomethane	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
Chloroethane	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
Chloroform	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
Chloromethane	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
2-Chlorotoluene	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
4-Chlorotoluene	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/01/08 17:39	SW846 8260B	8110401
1,2-Dibromoethane (EDB)	ND	L	ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
Dibromomethane	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
1,1-Dichloroethane	**1.28**		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
1,2-Dichloroethane	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
1,1-Dichloroethene	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
1,3-Dichloropropane	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
1,2-Dichloropropane	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
2,2-Dichloropropane	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
1,1-Dichloropropene	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
Ethylbenzene	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
Hexachlorobutadiene	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
2-Hexanone	ND		ug/L	50.0	1	11/01/08 17:39	SW846 8260B	8110401
Isopropylbenzene	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
p-Isopropyltoluene	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
Methylene Chloride	ND		ug/L	5.00	1	11/01/08 17:39	SW846 8260B	8110401
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/01/08 17:39	SW846 8260B	8110401
Naphthalene	ND		ug/L	5.00	1	11/01/08 17:39	SW846 8260B	8110401
n-Propylbenzene	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
Styrene	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
Tetrachloroethene	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
Toluene	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-06 (M&A-205 - Ground Water) - cont. Sampled: 10/28/08 11:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
Trichloroethene	**1.20**		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
Trichlorofluoromethane	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
Vinyl chloride	ND		ug/L	1.00	1	11/01/08 17:39	SW846 8260B	8110401
Xylenes, total	ND		ug/L	3.00	1	11/01/08 17:39	SW846 8260B	8110401
Surr: 1,2-Dichloroethane-d4 (60-140%)	*103 %*					*11/01/08 17:39*	*SW846 8260B*	*8110401*
Surr: Dibromofluoromethane (75-124%)	*103 %*					*11/01/08 17:39*	*SW846 8260B*	*8110401*
Surr: Toluene-d8 (78-121%)	*102 %*					*11/01/08 17:39*	*SW846 8260B*	*8110401*
Surr: 4-Bromofluorobenzene (79-124%)	*101 %*					*11/01/08 17:39*	*SW846 8260B*	*8110401*
Sample ID: NRJ3151-07 (M&A-208 - Ground Water) Sampled: 10/28/08 14:10								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	11/05/08 19:50	SW846 8082	8105331
PCB-1221	ND		ug/L	0.500	1	11/05/08 19:50	SW846 8082	8105331
PCB-1232	ND		ug/L	0.500	1	11/05/08 19:50	SW846 8082	8105331
PCB-1242	ND		ug/L	0.500	1	11/05/08 19:50	SW846 8082	8105331
PCB-1248	ND		ug/L	0.500	1	11/05/08 19:50	SW846 8082	8105331
PCB-1254	ND		ug/L	0.500	1	11/05/08 19:50	SW846 8082	8105331
PCB-1260	ND		ug/L	0.500	1	11/05/08 19:50	SW846 8082	8105331
Surr: Tetrachloro-meta-xylene (29-137%)	*92 %*					*11/05/08 19:50*	*SW846 8082*	*8105331*
Surr: Decachlorobiphenyl (10-146%)	*43 %*					*11/05/08 19:50*	*SW846 8082*	*8105331*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/01/08 18:10	SW846 8260B	8110401
Benzene	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
Bromobenzene	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
Bromochloromethane	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
Bromodichloromethane	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
Bromoform	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
Bromomethane	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
2-Butanone	ND		ug/L	50.0	1	11/01/08 18:10	SW846 8260B	8110401
sec-Butylbenzene	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
n-Butylbenzene	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
tert-Butylbenzene	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
Carbon disulfide	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
Carbon Tetrachloride	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
Chlorobenzene	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
Chlorodibromomethane	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
Chloroethane	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-07 (M&A-208 - Ground Water) - cont. Sampled: 10/28/08 14:10								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
Chloromethane	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
2-Chlorotoluene	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
4-Chlorotoluene	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/01/08 18:10	SW846 8260B	8110401
1,2-Dibromoethane (EDB)	ND	L	ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
Dibromomethane	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
1,1-Dichloroethane	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
1,2-Dichloroethane	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
1,1-Dichloroethene	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
1,3-Dichloropropane	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
1,2-Dichloropropane	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
2,2-Dichloropropane	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
1,1-Dichloropropene	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
Ethylbenzene	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
Hexachlorobutadiene	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
2-Hexanone	ND		ug/L	50.0	1	11/01/08 18:10	SW846 8260B	8110401
Isopropylbenzene	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
p-Isopropyltoluene	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
Methylene Chloride	ND		ug/L	5.00	1	11/01/08 18:10	SW846 8260B	8110401
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/01/08 18:10	SW846 8260B	8110401
Naphthalene	ND		ug/L	5.00	1	11/01/08 18:10	SW846 8260B	8110401
n-Propylbenzene	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
Styrene	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
Tetrachloroethene	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
Toluene	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
Trichloroethene	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
Trichlorofluoromethane	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-07 (M&A-208 - Ground Water) - cont. Sampled: 10/28/08 14:10								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
Vinyl chloride	ND		ug/L	1.00	1	11/01/08 18:10	SW846 8260B	8110401
Xylenes, total	ND		ug/L	3.00	1	11/01/08 18:10	SW846 8260B	8110401
Surr: 1,2-Dichloroethane-d4 (60-140%)	*105 %*					*11/01/08 18:10*	*SW846 8260B*	*8110401*
Surr: Dibromofluoromethane (75-124%)	*103 %*					*11/01/08 18:10*	*SW846 8260B*	*8110401*
Surr: Toluene-d8 (78-121%)	*103 %*					*11/01/08 18:10*	*SW846 8260B*	*8110401*
Surr: 4-Bromofluorobenzene (79-124%)	*103 %*					*11/01/08 18:10*	*SW846 8260B*	*8110401*
Sample ID: NRJ3151-08 (M&A-209 - Ground Water) Sampled: 10/27/08 10:25								
General Chemistry Parameters								
Cyanide	**0.352**		mg/L	0.00500	1	11/09/08 14:07	SW846 9012B	8110725
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/01/08 20:40	SW846 8260B	8110401
Benzene	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
Bromobenzene	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
Bromochloromethane	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
Bromodichloromethane	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
Bromoform	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
Bromomethane	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
2-Butanone	ND		ug/L	50.0	1	11/01/08 20:40	SW846 8260B	8110401
sec-Butylbenzene	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
n-Butylbenzene	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
tert-Butylbenzene	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
Carbon disulfide	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
Carbon Tetrachloride	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
Chlorobenzene	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
Chlorodibromomethane	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
Chloroethane	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
Chloroform	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
Chloromethane	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
2-Chlorotoluene	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
4-Chlorotoluene	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/01/08 20:40	SW846 8260B	8110401
1,2-Dibromoethane (EDB)	ND	L	ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
Dibromomethane	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
1,1-Dichloroethane	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
1,2-Dichloroethane	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-08 (M&A-209 - Ground Water) - cont. Sampled: 10/27/08 10:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
cis-1,2-Dichloroethene	**13.5**		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
1,1-Dichloroethene	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
1,3-Dichloropropane	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
1,2-Dichloropropane	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
2,2-Dichloropropane	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
1,1-Dichloropropene	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
Ethylbenzene	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
Hexachlorobutadiene	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
2-Hexanone	ND		ug/L	50.0	1	11/01/08 20:40	SW846 8260B	8110401
Isopropylbenzene	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
p-Isopropyltoluene	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
Methylene Chloride	ND		ug/L	5.00	1	11/01/08 20:40	SW846 8260B	8110401
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/01/08 20:40	SW846 8260B	8110401
Naphthalene	ND		ug/L	5.00	1	11/01/08 20:40	SW846 8260B	8110401
n-Propylbenzene	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
Styrene	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
Tetrachloroethene	**18.0**		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
Toluene	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
1,1,1-Trichloroethane	**3.17**		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
Trichloroethene	**246**		ug/L	5.00	5	11/01/08 21:10	SW846 8260B	8110401
Trichlorofluoromethane	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
Vinyl chloride	ND		ug/L	1.00	1	11/01/08 20:40	SW846 8260B	8110401
Xylenes, total	ND		ug/L	3.00	1	11/01/08 20:40	SW846 8260B	8110401
Surr: 1,2-Dichloroethane-d4 (60-140%)	*103 %*					*11/01/08 20:40*	*SW846 8260B*	*8110401*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*104 %*					*11/01/08 21:10*	*SW846 8260B*	*8110401*
Surr: Dibromofluoromethane (75-124%)	*101 %*					*11/01/08 20:40*	*SW846 8260B*	*8110401*
Surr: Dibromofluoromethane (75-124%)	*103 %*					*11/01/08 21:10*	*SW846 8260B*	*8110401*
Surr: Toluene-d8 (78-121%)	*106 %*					*11/01/08 20:40*	*SW846 8260B*	*8110401*
Surr: Toluene-d8 (78-121%)	*105 %*					*11/01/08 21:10*	*SW846 8260B*	*8110401*
Surr: 4-Bromofluorobenzene (79-124%)	*105 %*					*11/01/08 20:40*	*SW846 8260B*	*8110401*
Surr: 4-Bromofluorobenzene (79-124%)	*104 %*					*11/01/08 21:10*	*SW846 8260B*	*8110401*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-09 (MW-10 - Ground Water) Sampled: 10/28/08 13:35								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	11/05/08 20:12	SW846 8082	8105331
PCB-1221	ND		ug/L	0.500	1	11/05/08 20:12	SW846 8082	8105331
PCB-1232	ND		ug/L	0.500	1	11/05/08 20:12	SW846 8082	8105331
PCB-1242	ND		ug/L	0.500	1	11/05/08 20:12	SW846 8082	8105331
PCB-1248	ND		ug/L	0.500	1	11/05/08 20:12	SW846 8082	8105331
PCB-1254	ND		ug/L	0.500	1	11/05/08 20:12	SW846 8082	8105331
PCB-1260	ND		ug/L	0.500	1	11/05/08 20:12	SW846 8082	8105331
Surr: Tetrachloro-meta-xylene (29-137%)	*87 %*					*11/05/08 20:12*	*SW846 8082*	*8105331*
Surr: Decachlorobiphenyl (10-146%)	*34 %*					*11/05/08 20:12*	*SW846 8082*	*8105331*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/01/08 18:40	SW846 8260B	8110401
Benzene	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
Bromobenzene	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
Bromochloromethane	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
Bromodichloromethane	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
Bromoform	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
Bromomethane	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
2-Butanone	ND		ug/L	50.0	1	11/01/08 18:40	SW846 8260B	8110401
sec-Butylbenzene	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
n-Butylbenzene	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
tert-Butylbenzene	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
Carbon disulfide	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
Carbon Tetrachloride	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
Chlorobenzene	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
Chlorodibromomethane	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
Chloroethane	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
Chloroform	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
Chloromethane	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
2-Chlorotoluene	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
4-Chlorotoluene	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/01/08 18:40	SW846 8260B	8110401
1,2-Dibromoethane (EDB)	ND	L	ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
Dibromomethane	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
1,1-Dichloroethane	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
1,2-Dichloroethane	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
1,1-Dichloroethene	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
1,3-Dichloropropane	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-09 (MW-10 - Ground Water) - cont. Sampled: 10/28/08 13:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloropropane	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
2,2-Dichloropropane	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
1,1-Dichloropropene	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
Ethylbenzene	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
Hexachlorobutadiene	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
2-Hexanone	ND		ug/L	50.0	1	11/01/08 18:40	SW846 8260B	8110401
Isopropylbenzene	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
p-Isopropyltoluene	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
Methylene Chloride	ND		ug/L	5.00	1	11/01/08 18:40	SW846 8260B	8110401
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/01/08 18:40	SW846 8260B	8110401
Naphthalene	ND		ug/L	5.00	1	11/01/08 18:40	SW846 8260B	8110401
n-Propylbenzene	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
Styrene	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
Tetrachloroethene	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
Toluene	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
Trichloroethene	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
Trichlorofluoromethane	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
Vinyl chloride	ND		ug/L	1.00	1	11/01/08 18:40	SW846 8260B	8110401
Xylenes, total	ND		ug/L	3.00	1	11/01/08 18:40	SW846 8260B	8110401
Surr: 1,2-Dichloroethane-d4 (60-140%)	*105 %*					*11/01/08 18:40*	*SW846 8260B*	*8110401*
Surr: Dibromofluoromethane (75-124%)	*103 %*					*11/01/08 18:40*	*SW846 8260B*	*8110401*
Surr: Toluene-d8 (78-121%)	*103 %*					*11/01/08 18:40*	*SW846 8260B*	*8110401*
Surr: 4-Bromofluorobenzene (79-124%)	*103 %*					*11/01/08 18:40*	*SW846 8260B*	*8110401*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-10 (MCA-3 - Ground Water) Sampled: 10/27/08 13:35								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/01/08 19:10	SW846 8260B	8110401
Benzene	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
Bromobenzene	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
Bromochloromethane	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
Bromodichloromethane	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
Bromoform	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
Bromomethane	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
2-Butanone	ND		ug/L	50.0	1	11/01/08 19:10	SW846 8260B	8110401
sec-Butylbenzene	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
n-Butylbenzene	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
tert-Butylbenzene	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
Carbon disulfide	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
Carbon Tetrachloride	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
Chlorobenzene	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
Chlorodibromomethane	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
Chloroethane	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
Chloroform	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
Chloromethane	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
2-Chlorotoluene	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
4-Chlorotoluene	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/01/08 19:10	SW846 8260B	8110401
1,2-Dibromoethane (EDB)	ND	L	ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
Dibromomethane	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
1,1-Dichloroethane	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
1,2-Dichloroethane	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
1,1-Dichloroethene	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
1,3-Dichloropropane	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
1,2-Dichloropropane	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
2,2-Dichloropropane	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
1,1-Dichloropropene	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
Ethylbenzene	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
Hexachlorobutadiene	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
2-Hexanone	ND		ug/L	50.0	1	11/01/08 19:10	SW846 8260B	8110401
Isopropylbenzene	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
p-Isopropyltoluene	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-10 (MCA-3 - Ground Water) - cont. Sampled: 10/27/08 13:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
Methylene Chloride	ND		ug/L	5.00	1	11/01/08 19:10	SW846 8260B	8110401
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/01/08 19:10	SW846 8260B	8110401
Naphthalene	ND		ug/L	5.00	1	11/01/08 19:10	SW846 8260B	8110401
n-Propylbenzene	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
Styrene	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
Tetrachloroethene	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
Toluene	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
Trichloroethene	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
Trichlorofluoromethane	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
Vinyl chloride	ND		ug/L	1.00	1	11/01/08 19:10	SW846 8260B	8110401
Xylenes, total	ND		ug/L	3.00	1	11/01/08 19:10	SW846 8260B	8110401
Surr: 1,2-Dichloroethane-d4 (60-140%)	*104 %*					*11/01/08 19:10*	*SW846 8260B*	*8110401*
Surr: Dibromofluoromethane (75-124%)	*103 %*					*11/01/08 19:10*	*SW846 8260B*	*8110401*
Surr: Toluene-d8 (78-121%)	*104 %*					*11/01/08 19:10*	*SW846 8260B*	*8110401*
Surr: 4-Bromofluorobenzene (79-124%)	*103 %*					*11/01/08 19:10*	*SW846 8260B*	*8110401*
Sample ID: NRJ3151-11 (MCA-1 - Ground Water) Sampled: 10/28/08 08:10								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	11/05/08 20:34	SW846 8082	8105331
PCB-1221	ND		ug/L	0.500	1	11/05/08 20:34	SW846 8082	8105331
PCB-1232	ND		ug/L	0.500	1	11/05/08 20:34	SW846 8082	8105331
PCB-1242	ND		ug/L	0.500	1	11/05/08 20:34	SW846 8082	8105331
PCB-1248	ND		ug/L	0.500	1	11/05/08 20:34	SW846 8082	8105331
PCB-1254	ND		ug/L	0.500	1	11/05/08 20:34	SW846 8082	8105331
PCB-1260	ND		ug/L	0.500	1	11/05/08 20:34	SW846 8082	8105331
Surr: Tetrachloro-meta-xylene (29-137%)	*82 %*					*11/05/08 20:34*	*SW846 8082*	*8105331*
Surr: Decachlorobiphenyl (10-146%)	*38 %*					*11/05/08 20:34*	*SW846 8082*	*8105331*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/01/08 19:40	SW846 8260B	8110401
Benzene	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
Bromobenzene	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
Bromochloromethane	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
Bromodichloromethane	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-11 (MCA-1 - Ground Water) - cont. Sampled: 10/28/08 08:10								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Bromoform	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
Bromomethane	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
2-Butanone	ND		ug/L	50.0	1	11/01/08 19:40	SW846 8260B	8110401
sec-Butylbenzene	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
n-Butylbenzene	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
tert-Butylbenzene	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
Carbon disulfide	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
Carbon Tetrachloride	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
Chlorobenzene	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
Chlorodibromomethane	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
Chloroethane	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
Chloroform	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
Chloromethane	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
2-Chlorotoluene	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
4-Chlorotoluene	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/01/08 19:40	SW846 8260B	8110401
1,2-Dibromoethane (EDB)	ND	L	ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
Dibromomethane	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
1,1-Dichloroethane	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
1,2-Dichloroethane	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
cis-1,2-Dichloroethene	**110**		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
1,1-Dichloroethene	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
trans-1,2-Dichloroethene	**16.7**		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
1,3-Dichloropropane	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
1,2-Dichloropropane	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
2,2-Dichloropropane	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
1,1-Dichloropropene	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
Ethylbenzene	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
Hexachlorobutadiene	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
2-Hexanone	ND		ug/L	50.0	1	11/01/08 19:40	SW846 8260B	8110401
Isopropylbenzene	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
p-Isopropyltoluene	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
Methylene Chloride	ND		ug/L	5.00	1	11/01/08 19:40	SW846 8260B	8110401
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/01/08 19:40	SW846 8260B	8110401
Naphthalene	ND		ug/L	5.00	1	11/01/08 19:40	SW846 8260B	8110401
n-Propylbenzene	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-11 (MCA-1 - Ground Water) - cont. Sampled: 10/28/08 08:10								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Styrene	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
Tetrachloroethene	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
Toluene	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
Trichloroethene	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
Trichlorofluoromethane	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
Vinyl chloride	**2.20**		ug/L	1.00	1	11/01/08 19:40	SW846 8260B	8110401
Xylenes, total	ND		ug/L	3.00	1	11/01/08 19:40	SW846 8260B	8110401
Surr: 1,2-Dichloroethane-d4 (60-140%)	*104 %*					*11/01/08 19:40*	*SW846 8260B*	*8110401*
Surr: Dibromofluoromethane (75-124%)	*103 %*					*11/01/08 19:40*	*SW846 8260B*	*8110401*
Surr: Toluene-d8 (78-121%)	*104 %*					*11/01/08 19:40*	*SW846 8260B*	*8110401*
Surr: 4-Bromofluorobenzene (79-124%)	*103 %*					*11/01/08 19:40*	*SW846 8260B*	*8110401*
Sample ID: NRJ3151-12 (MCA-4 - Ground Water) Sampled: 10/28/08 08:05								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	11/05/08 20:56	SW846 8082	8105331
PCB-1221	ND		ug/L	0.500	1	11/05/08 20:56	SW846 8082	8105331
PCB-1232	ND		ug/L	0.500	1	11/05/08 20:56	SW846 8082	8105331
PCB-1242	ND		ug/L	0.500	1	11/05/08 20:56	SW846 8082	8105331
PCB-1248	ND		ug/L	0.500	1	11/05/08 20:56	SW846 8082	8105331
PCB-1254	ND		ug/L	0.500	1	11/05/08 20:56	SW846 8082	8105331
PCB-1260	ND		ug/L	0.500	1	11/05/08 20:56	SW846 8082	8105331
Surr: Tetrachloro-meta-xylene (29-137%)	*67 %*					*11/05/08 20:56*	*SW846 8082*	*8105331*
Surr: Decachlorobiphenyl (10-146%)	*25 %*					*11/05/08 20:56*	*SW846 8082*	*8105331*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/01/08 20:10	SW846 8260B	8110401
Benzene	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
Bromobenzene	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
Bromochloromethane	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
Bromodichloromethane	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
Bromoform	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
Bromomethane	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
2-Butanone	ND		ug/L	50.0	1	11/01/08 20:10	SW846 8260B	8110401
sec-Butylbenzene	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
n-Butylbenzene	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-12 (MCA-4 - Ground Water) - cont. Sampled: 10/28/08 08:05								
Volatile Organic Compounds by EPA Method 8260B - cont.								
tert-Butylbenzene	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
Carbon disulfide	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
Carbon Tetrachloride	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
Chlorobenzene	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
Chlorodibromomethane	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
Chloroethane	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
Chloroform	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
Chloromethane	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
2-Chlorotoluene	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
4-Chlorotoluene	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/01/08 20:10	SW846 8260B	8110401
1,2-Dibromoethane (EDB)	ND	L	ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
Dibromomethane	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
1,1-Dichloroethane	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
1,2-Dichloroethane	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
1,1-Dichloroethene	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
1,3-Dichloropropane	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
1,2-Dichloropropane	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
2,2-Dichloropropane	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
1,1-Dichloropropene	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
Ethylbenzene	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
Hexachlorobutadiene	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
2-Hexanone	ND		ug/L	50.0	1	11/01/08 20:10	SW846 8260B	8110401
Isopropylbenzene	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
p-Isopropyltoluene	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
Methylene Chloride	ND		ug/L	5.00	1	11/01/08 20:10	SW846 8260B	8110401
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/01/08 20:10	SW846 8260B	8110401
Naphthalene	ND		ug/L	5.00	1	11/01/08 20:10	SW846 8260B	8110401
n-Propylbenzene	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
Styrene	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
Tetrachloroethene	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
Toluene	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-12 (MCA-4 - Ground Water) - cont. Sampled: 10/28/08 08:05								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
Trichloroethene	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
Trichlorofluoromethane	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
Vinyl chloride	ND		ug/L	1.00	1	11/01/08 20:10	SW846 8260B	8110401
Xylenes, total	ND		ug/L	3.00	1	11/01/08 20:10	SW846 8260B	8110401
Surr: 1,2-Dichloroethane-d4 (60-140%)	*103 %*					*11/01/08 20:10*	*SW846 8260B*	*8110401*
Surr: Dibromofluoromethane (75-124%)	*102 %*					*11/01/08 20:10*	*SW846 8260B*	*8110401*
Surr: Toluene-d8 (78-121%)	*103 %*					*11/01/08 20:10*	*SW846 8260B*	*8110401*
Surr: 4-Bromofluorobenzene (79-124%)	*101 %*					*11/01/08 20:10*	*SW846 8260B*	*8110401*
Sample ID: NRJ3151-13 (M&A-133 - Ground Water) Sampled: 10/28/08 10:50								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	11/05/08 21:17	SW846 8082	8105331
PCB-1221	ND		ug/L	0.500	1	11/05/08 21:17	SW846 8082	8105331
PCB-1232	ND		ug/L	0.500	1	11/05/08 21:17	SW846 8082	8105331
PCB-1242	ND		ug/L	0.500	1	11/05/08 21:17	SW846 8082	8105331
PCB-1248	ND		ug/L	0.500	1	11/05/08 21:17	SW846 8082	8105331
PCB-1254	ND		ug/L	0.500	1	11/05/08 21:17	SW846 8082	8105331
PCB-1260	ND		ug/L	0.500	1	11/05/08 21:17	SW846 8082	8105331
Surr: Tetrachloro-meta-xylene (29-137%)	*88 %*					*11/05/08 21:17*	*SW846 8082*	*8105331*
Surr: Decachlorobiphenyl (10-146%)	*41 %*					*11/05/08 21:17*	*SW846 8082*	*8105331*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/31/08 19:28	SW846 8260B	8104984
Benzene	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
Bromobenzene	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
Bromochloromethane	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
Bromodichloromethane	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
Bromoform	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
Bromomethane	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
2-Butanone	ND		ug/L	50.0	1	10/31/08 19:28	SW846 8260B	8104984
sec-Butylbenzene	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
n-Butylbenzene	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
tert-Butylbenzene	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
Carbon disulfide	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
Carbon Tetrachloride	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
Chlorobenzene	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
Chlorodibromomethane	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-13 (M&A-133 - Ground Water) - cont. Sampled: 10/28/08 10:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroethane	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
Chloroform	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
Chloromethane	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
2-Chlorotoluene	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
4-Chlorotoluene	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/31/08 19:28	SW846 8260B	8104984
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
Dibromomethane	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
1,1-Dichloroethane	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
1,2-Dichloroethane	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
1,1-Dichloroethene	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
1,3-Dichloropropane	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
1,2-Dichloropropane	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
2,2-Dichloropropane	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
1,1-Dichloropropene	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
Ethylbenzene	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
Hexachlorobutadiene	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
2-Hexanone	ND		ug/L	50.0	1	10/31/08 19:28	SW846 8260B	8104984
Isopropylbenzene	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
p-Isopropyltoluene	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
Methylene Chloride	ND		ug/L	5.00	1	10/31/08 19:28	SW846 8260B	8104984
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/31/08 19:28	SW846 8260B	8104984
Naphthalene	ND		ug/L	5.00	1	10/31/08 19:28	SW846 8260B	8104984
n-Propylbenzene	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
Styrene	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
Tetrachloroethene	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
Toluene	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
Trichloroethene	**1.68**		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-13 (M&A-133 - Ground Water) - cont. Sampled: 10/28/08 10:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Trichlorofluoromethane	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
Vinyl chloride	ND		ug/L	1.00	1	10/31/08 19:28	SW846 8260B	8104984
Xylenes, total	ND		ug/L	3.00	1	10/31/08 19:28	SW846 8260B	8104984
Surr: 1,2-Dichloroethane-d4 (60-140%)	*96 %*					*10/31/08 19:28*	*SW846 8260B*	*8104984*
Surr: Dibromofluoromethane (75-124%)	*97 %*					*10/31/08 19:28*	*SW846 8260B*	*8104984*
Surr: Toluene-d8 (78-121%)	*106 %*					*10/31/08 19:28*	*SW846 8260B*	*8104984*
Surr: 4-Bromofluorobenzene (79-124%)	*98 %*					*10/31/08 19:28*	*SW846 8260B*	*8104984*
Sample ID: NRJ3151-14 (MW-6 - Ground Water) Sampled: 10/28/08 09:35								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	11/05/08 21:39	SW846 8082	8105331
PCB-1221	ND		ug/L	0.500	1	11/05/08 21:39	SW846 8082	8105331
PCB-1232	ND		ug/L	0.500	1	11/05/08 21:39	SW846 8082	8105331
PCB-1242	ND		ug/L	0.500	1	11/05/08 21:39	SW846 8082	8105331
PCB-1248	ND		ug/L	0.500	1	11/05/08 21:39	SW846 8082	8105331
PCB-1254	ND		ug/L	0.500	1	11/05/08 21:39	SW846 8082	8105331
PCB-1260	ND		ug/L	0.500	1	11/05/08 21:39	SW846 8082	8105331
Surr: Tetrachloro-meta-xylene (29-137%)	*83 %*					*11/05/08 21:39*	*SW846 8082*	*8105331*
Surr: Decachlorobiphenyl (10-146%)	*34 %*					*11/05/08 21:39*	*SW846 8082*	*8105331*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/31/08 19:53	SW846 8260B	8104984
Benzene	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
Bromobenzene	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
Bromochloromethane	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
Bromodichloromethane	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
Bromoform	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
Bromomethane	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
2-Butanone	ND		ug/L	50.0	1	10/31/08 19:53	SW846 8260B	8104984
sec-Butylbenzene	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
n-Butylbenzene	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
tert-Butylbenzene	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
Carbon disulfide	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
Carbon Tetrachloride	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
Chlorobenzene	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
Chlorodibromomethane	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
Chloroethane	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
Chloroform	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
Chloromethane	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
2-Chlorotoluene	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
4-Chlorotoluene	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Sample ID: NRJ3151-14 (MW-6 - Ground Water) - cont. Sampled: 10/28/08 09:35

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/31/08 19:53	SW846 8260B	8104984
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
Dibromomethane	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
1,1-Dichloroethane	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
1,2-Dichloroethane	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
cis-1,2-Dichloroethene	**128**		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
1,1-Dichloroethene	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
trans-1,2-Dichloroethene	**21.9**		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
1,3-Dichloropropane	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
1,2-Dichloropropane	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
2,2-Dichloropropane	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
1,1-Dichloropropene	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
Ethylbenzene	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
Hexachlorobutadiene	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
2-Hexanone	ND		ug/L	50.0	1	10/31/08 19:53	SW846 8260B	8104984
Isopropylbenzene	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
p-Isopropyltoluene	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
Methylene Chloride	ND		ug/L	5.00	1	10/31/08 19:53	SW846 8260B	8104984
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/31/08 19:53	SW846 8260B	8104984
Naphthalene	ND		ug/L	5.00	1	10/31/08 19:53	SW846 8260B	8104984
n-Propylbenzene	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
Styrene	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
Tetrachloroethene	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
Toluene	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
Trichloroethene	**9.58**		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
Trichlorofluoromethane	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984
Vinyl chloride	**27.5**		ug/L	1.00	1	10/31/08 19:53	SW846 8260B	8104984

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-14 (MW-6 - Ground Water) - cont. Sampled: 10/28/08 09:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Xylenes, total	ND		ug/L	3.00	1	10/31/08 19:53	SW846 8260B	8104984
Surr: 1,2-Dichloroethane-d4 (60-140%)	*96 %*					*10/31/08 19:53*	*SW846 8260B*	*8104984*
Surr: Dibromofluoromethane (75-124%)	*99 %*					*10/31/08 19:53*	*SW846 8260B*	*8104984*
Surr: Toluene-d8 (78-121%)	*106 %*					*10/31/08 19:53*	*SW846 8260B*	*8104984*
Surr: 4-Bromofluorobenzene (79-124%)	*92 %*					*10/31/08 19:53*	*SW846 8260B*	*8104984*
Sample ID: NRJ3151-15 (M&A-118 - Ground Water) Sampled: 10/28/08 11:45								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	11/05/08 22:01	SW846 8082	8105331
PCB-1221	ND		ug/L	0.500	1	11/05/08 22:01	SW846 8082	8105331
PCB-1232	ND		ug/L	0.500	1	11/05/08 22:01	SW846 8082	8105331
PCB-1242	ND		ug/L	0.500	1	11/05/08 22:01	SW846 8082	8105331
PCB-1248	ND		ug/L	0.500	1	11/05/08 22:01	SW846 8082	8105331
PCB-1254	ND		ug/L	0.500	1	11/05/08 22:01	SW846 8082	8105331
PCB-1260	ND		ug/L	0.500	1	11/05/08 22:01	SW846 8082	8105331
Surr: Tetrachloro-meta-xylene (29-137%)	*86 %*					*11/05/08 22:01*	*SW846 8082*	*8105331*
Surr: Decachlorobiphenyl (10-146%)	*38 %*					*11/05/08 22:01*	*SW846 8082*	*8105331*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/31/08 20:19	SW846 8260B	8104984
Benzene	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
Bromobenzene	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
Bromochloromethane	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
Bromodichloromethane	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
Bromoform	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
Bromomethane	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
2-Butanone	ND		ug/L	50.0	1	10/31/08 20:19	SW846 8260B	8104984
sec-Butylbenzene	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
n-Butylbenzene	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
tert-Butylbenzene	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
Carbon disulfide	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
Carbon Tetrachloride	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
Chlorobenzene	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
Chlorodibromomethane	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
Chloroethane	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
Chloroform	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
Chloromethane	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
2-Chlorotoluene	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
4-Chlorotoluene	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/31/08 20:19	SW846 8260B	8104984
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
Dibromomethane	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Sample ID: NRJ3151-15 (M&A-118 - Ground Water) - cont. Sampled: 10/28/08 11:45

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
1,1-Dichloroethane	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
1,2-Dichloroethane	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
1,1-Dichloroethene	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
1,3-Dichloropropane	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
1,2-Dichloropropane	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
2,2-Dichloropropane	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
1,1-Dichloropropene	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
Ethylbenzene	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
Hexachlorobutadiene	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
2-Hexanone	ND		ug/L	50.0	1	10/31/08 20:19	SW846 8260B	8104984
Isopropylbenzene	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
p-Isopropyltoluene	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
Methylene Chloride	ND		ug/L	5.00	1	10/31/08 20:19	SW846 8260B	8104984
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/31/08 20:19	SW846 8260B	8104984
Naphthalene	ND		ug/L	5.00	1	10/31/08 20:19	SW846 8260B	8104984
n-Propylbenzene	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
Styrene	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
Tetrachloroethene	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
Toluene	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
Trichloroethene	**8.27**		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
Trichlorofluoromethane	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
Vinyl chloride	ND		ug/L	1.00	1	10/31/08 20:19	SW846 8260B	8104984
Xylenes, total	ND		ug/L	3.00	1	10/31/08 20:19	SW846 8260B	8104984
Surr: 1,2-Dichloroethane-d4 (60-140%)	*95 %*					*10/31/08 20:19*	*SW846 8260B*	*8104984*
Surr: Dibromofluoromethane (75-124%)	*96 %*					*10/31/08 20:19*	*SW846 8260B*	*8104984*
Surr: Toluene-d8 (78-121%)	*105 %*					*10/31/08 20:19*	*SW846 8260B*	*8104984*
Surr: 4-Bromofluorobenzene (79-124%)	*98 %*					*10/31/08 20:19*	*SW846 8260B*	*8104984*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-16 (M&A-127 - Ground Water) Sampled: 10/28/08 09:50								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	11/05/08 22:22	SW846 8082	8105331
PCB-1221	ND		ug/L	0.500	1	11/05/08 22:22	SW846 8082	8105331
PCB-1232	ND		ug/L	0.500	1	11/05/08 22:22	SW846 8082	8105331
PCB-1242	ND		ug/L	0.500	1	11/05/08 22:22	SW846 8082	8105331
PCB-1248	ND		ug/L	0.500	1	11/05/08 22:22	SW846 8082	8105331
PCB-1254	ND		ug/L	0.500	1	11/05/08 22:22	SW846 8082	8105331
PCB-1260	ND		ug/L	0.500	1	11/05/08 22:22	SW846 8082	8105331
Surr: Tetrachloro-meta-xylene (29-137%)	*86 %*					*11/05/08 22:22*	*SW846 8082*	*8105331*
Surr: Decachlorobiphenyl (10-146%)	*30 %*					*11/05/08 22:22*	*SW846 8082*	*8105331*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/31/08 20:45	SW846 8260B	8104984
Benzene	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
Bromobenzene	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
Bromochloromethane	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
Bromodichloromethane	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
Bromoform	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
Bromomethane	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
2-Butanone	ND		ug/L	50.0	1	10/31/08 20:45	SW846 8260B	8104984
sec-Butylbenzene	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
n-Butylbenzene	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
tert-Butylbenzene	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
Carbon disulfide	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
Carbon Tetrachloride	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
Chlorobenzene	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
Chlorodibromomethane	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
Chloroethane	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
Chloroform	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
Chloromethane	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
2-Chlorotoluene	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
4-Chlorotoluene	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/31/08 20:45	SW846 8260B	8104984
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
Dibromomethane	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
1,1-Dichloroethane	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
1,2-Dichloroethane	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
cis-1,2-Dichloroethene	**2.76**		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
1,1-Dichloroethene	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
1,3-Dichloropropane	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-16 (M&A-127 - Ground Water) - cont. Sampled: 10/28/08 09:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloropropane	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
2,2-Dichloropropane	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
1,1-Dichloropropene	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
Ethylbenzene	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
Hexachlorobutadiene	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
2-Hexanone	ND		ug/L	50.0	1	10/31/08 20:45	SW846 8260B	8104984
Isopropylbenzene	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
p-Isopropyltoluene	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
Methylene Chloride	ND		ug/L	5.00	1	10/31/08 20:45	SW846 8260B	8104984
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/31/08 20:45	SW846 8260B	8104984
Naphthalene	ND		ug/L	5.00	1	10/31/08 20:45	SW846 8260B	8104984
n-Propylbenzene	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
Styrene	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
Tetrachloroethene	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
Toluene	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
Trichloroethene	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
Trichlorofluoromethane	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
Vinyl chloride	ND		ug/L	1.00	1	10/31/08 20:45	SW846 8260B	8104984
Xylenes, total	ND		ug/L	3.00	1	10/31/08 20:45	SW846 8260B	8104984
Surr: 1,2-Dichloroethane-d4 (60-140%)	*96 %*					*10/31/08 20:45*	*SW846 8260B*	*8104984*
Surr: Dibromofluoromethane (75-124%)	*98 %*					*10/31/08 20:45*	*SW846 8260B*	*8104984*
Surr: Toluene-d8 (78-121%)	*103 %*					*10/31/08 20:45*	*SW846 8260B*	*8104984*
Surr: 4-Bromofluorobenzene (79-124%)	*102 %*					*10/31/08 20:45*	*SW846 8260B*	*8104984*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-17 (M&A-101 - Ground Water) Sampled: 10/29/08 08:40								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	11/05/08 22:44	SW846 8082	8105331
PCB-1221	ND		ug/L	0.500	1	11/05/08 22:44	SW846 8082	8105331
PCB-1232	ND		ug/L	0.500	1	11/05/08 22:44	SW846 8082	8105331
PCB-1242	ND		ug/L	0.500	1	11/05/08 22:44	SW846 8082	8105331
PCB-1248	ND		ug/L	0.500	1	11/05/08 22:44	SW846 8082	8105331
PCB-1254	ND		ug/L	0.500	1	11/05/08 22:44	SW846 8082	8105331
PCB-1260	ND		ug/L	0.500	1	11/05/08 22:44	SW846 8082	8105331
Surr: Tetrachloro-meta-xylene (29-137%)	*91 %*					*11/05/08 22:44*	*SW846 8082*	*8105331*
Surr: Decachlorobiphenyl (10-146%)	*35 %*					*11/05/08 22:44*	*SW846 8082*	*8105331*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/31/08 21:10	SW846 8260B	8104984
Benzene	**2.17**		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
Bromobenzene	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
Bromochloromethane	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
Bromodichloromethane	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
Bromoform	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
Bromomethane	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
2-Butanone	ND		ug/L	50.0	1	10/31/08 21:10	SW846 8260B	8104984
sec-Butylbenzene	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
n-Butylbenzene	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
tert-Butylbenzene	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
Carbon disulfide	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
Carbon Tetrachloride	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
Chlorobenzene	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
Chlorodibromomethane	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
Chloroethane	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
Chloroform	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
Chloromethane	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
2-Chlorotoluene	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
4-Chlorotoluene	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/31/08 21:10	SW846 8260B	8104984
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
Dibromomethane	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
1,1-Dichloroethane	**4.67**		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
1,2-Dichloroethane	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
cis-1,2-Dichloroethene	**13200**		ug/L	100	100	11/04/08 15:20	SW846 8260B	8105295
1,1-Dichloroethene	**50.2**		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
trans-1,2-Dichloroethene	**1160**		ug/L	100	100	11/04/08 15:20	SW846 8260B	8105295
1,3-Dichloropropane	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-17 (M&A-101 - Ground Water) - cont. Sampled: 10/29/08 08:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloropropane	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
2,2-Dichloropropane	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
1,1-Dichloropropene	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
Ethylbenzene	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
Hexachlorobutadiene	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
2-Hexanone	ND		ug/L	50.0	1	10/31/08 21:10	SW846 8260B	8104984
Isopropylbenzene	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
p-Isopropyltoluene	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
Methylene Chloride	**8.02**		ug/L	5.00	1	10/31/08 21:10	SW846 8260B	8104984
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/31/08 21:10	SW846 8260B	8104984
Naphthalene	ND		ug/L	5.00	1	10/31/08 21:10	SW846 8260B	8104984
n-Propylbenzene	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
Styrene	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
Tetrachloroethene	**188**		ug/L	100	100	11/04/08 15:20	SW846 8260B	8105295
Toluene	**4.54**		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
Trichloroethene	**179000**		ug/L	1000	1000	11/04/08 15:46	SW846 8260B	8105295
Trichlorofluoromethane	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
Vinyl chloride	**47.9**		ug/L	1.00	1	10/31/08 21:10	SW846 8260B	8104984
Xylenes, total	ND		ug/L	3.00	1	10/31/08 21:10	SW846 8260B	8104984
Surr: 1,2-Dichloroethane-d4 (60-140%)	*94 %*					*10/31/08 21:10*	*SW846 8260B*	*8104984*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*93 %*					*11/04/08 15:20*	*SW846 8260B*	*8105295*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*91 %*					*11/04/08 15:46*	*SW846 8260B*	*8105295*
Surr: Dibromofluoromethane (75-124%)	*102 %*					*10/31/08 21:10*	*SW846 8260B*	*8104984*
Surr: Dibromofluoromethane (75-124%)	*96 %*					*11/04/08 15:20*	*SW846 8260B*	*8105295*
Surr: Dibromofluoromethane (75-124%)	*99 %*					*11/04/08 15:46*	*SW846 8260B*	*8105295*
Surr: Toluene-d8 (78-121%)	*98 %*					*10/31/08 21:10*	*SW846 8260B*	*8104984*
Surr: Toluene-d8 (78-121%)	*100 %*					*11/04/08 15:20*	*SW846 8260B*	*8105295*
Surr: Toluene-d8 (78-121%)	*102 %*					*11/04/08 15:46*	*SW846 8260B*	*8105295*
Surr: 4-Bromofluorobenzene (79-124%)	*101 %*					*10/31/08 21:10*	*SW846 8260B*	*8104984*
Surr: 4-Bromofluorobenzene (79-124%)	*118 %*					*11/04/08 15:20*	*SW846 8260B*	*8105295*
Surr: 4-Bromofluorobenzene (79-124%)	*120 %*					*11/04/08 15:46*	*SW846 8260B*	*8105295*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Sample ID: NRJ3151-18 (M&A-102 - Ground Water) Sampled: 10/29/08 08:20

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Acetone	ND		ug/L	50.0	1	10/31/08 21:36	SW846 8260B	8104984
Benzene	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
Bromobenzene	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
Bromochloromethane	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
Bromodichloromethane	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
Bromoform	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
Bromomethane	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
2-Butanone	ND		ug/L	50.0	1	10/31/08 21:36	SW846 8260B	8104984
sec-Butylbenzene	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
n-Butylbenzene	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
tert-Butylbenzene	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
Carbon disulfide	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
Carbon Tetrachloride	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
Chlorobenzene	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
Chlorodibromomethane	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
Chloroethane	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
Chloroform	**1.02**		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
Chloromethane	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
2-Chlorotoluene	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
4-Chlorotoluene	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/31/08 21:36	SW846 8260B	8104984
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
Dibromomethane	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
1,1-Dichloroethane	**1.53**		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
1,2-Dichloroethane	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
cis-1,2-Dichloroethene	**35900**		ug/L	1000	1000	11/04/08 16:37	SW846 8260B	8105295
1,1-Dichloroethene	**125**		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
trans-1,2-Dichloroethene	**125**		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
1,3-Dichloropropane	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
1,2-Dichloropropane	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
2,2-Dichloropropane	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
1,1-Dichloropropene	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
Ethylbenzene	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
Hexachlorobutadiene	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
2-Hexanone	ND		ug/L	50.0	1	10/31/08 21:36	SW846 8260B	8104984
Isopropylbenzene	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
p-Isopropyltoluene	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-18 (M&A-102 - Ground Water) - cont. Sampled: 10/29/08 08:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
Methylene Chloride	ND		ug/L	5.00	1	10/31/08 21:36	SW846 8260B	8104984
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/31/08 21:36	SW846 8260B	8104984
Naphthalene	ND		ug/L	5.00	1	10/31/08 21:36	SW846 8260B	8104984
n-Propylbenzene	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
Styrene	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
Tetrachloroethene	**15.1**		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
Toluene	**1.29**		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
Trichloroethene	**13400**		ug/L	100	100	11/04/08 16:11	SW846 8260B	8105295
Trichlorofluoromethane	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
Vinyl chloride	**180**		ug/L	1.00	1	10/31/08 21:36	SW846 8260B	8104984
Xylenes, total	ND		ug/L	3.00	1	10/31/08 21:36	SW846 8260B	8104984
Surr: 1,2-Dichloroethane-d4 (60-140%)	*94 %*					*10/31/08 21:36*	*SW846 8260B*	*8104984*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*91 %*					*11/04/08 16:11*	*SW846 8260B*	*8105295*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*93 %*					*11/04/08 16:37*	*SW846 8260B*	*8105295*
Surr: Dibromofluoromethane (75-124%)	*103 %*					*10/31/08 21:36*	*SW846 8260B*	*8104984*
Surr: Dibromofluoromethane (75-124%)	*98 %*					*11/04/08 16:11*	*SW846 8260B*	*8105295*
Surr: Dibromofluoromethane (75-124%)	*98 %*					*11/04/08 16:37*	*SW846 8260B*	*8105295*
Surr: Toluene-d8 (78-121%)	*107 %*					*10/31/08 21:36*	*SW846 8260B*	*8104984*
Surr: Toluene-d8 (78-121%)	*104 %*					*11/04/08 16:11*	*SW846 8260B*	*8105295*
Surr: Toluene-d8 (78-121%)	*101 %*					*11/04/08 16:37*	*SW846 8260B*	*8105295*
Surr: 4-Bromofluorobenzene (79-124%)	*100 %*					*10/31/08 21:36*	*SW846 8260B*	*8104984*
Surr: 4-Bromofluorobenzene (79-124%)	*122 %*					*11/04/08 16:11*	*SW846 8260B*	*8105295*
Surr: 4-Bromofluorobenzene (79-124%)	*119 %*					*11/04/08 16:37*	*SW846 8260B*	*8105295*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-19 (M&A-130 - Ground Water) Sampled: 10/29/08 09:20								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	11/05/08 23:05	SW846 8082	8105331
PCB-1221	ND		ug/L	0.500	1	11/05/08 23:05	SW846 8082	8105331
PCB-1232	ND		ug/L	0.500	1	11/05/08 23:05	SW846 8082	8105331
PCB-1242	ND		ug/L	0.500	1	11/05/08 23:05	SW846 8082	8105331
PCB-1248	ND		ug/L	0.500	1	11/05/08 23:05	SW846 8082	8105331
PCB-1254	ND		ug/L	0.500	1	11/05/08 23:05	SW846 8082	8105331
PCB-1260	ND		ug/L	0.500	1	11/05/08 23:05	SW846 8082	8105331
Surr: Tetrachloro-meta-xylene (29-137%)	*80 %*					*11/05/08 23:05*	*SW846 8082*	*8105331*
Surr: Decachlorobiphenyl (10-146%)	*38 %*					*11/05/08 23:05*	*SW846 8082*	*8105331*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/31/08 22:01	SW846 8260B	8104984
Benzene	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
Bromobenzene	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
Bromochloromethane	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
Bromodichloromethane	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
Bromoform	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
Bromomethane	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
2-Butanone	ND		ug/L	50.0	1	10/31/08 22:01	SW846 8260B	8104984
sec-Butylbenzene	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
n-Butylbenzene	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
tert-Butylbenzene	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
Carbon disulfide	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
Carbon Tetrachloride	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
Chlorobenzene	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
Chlorodibromomethane	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
Chloroethane	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
Chloroform	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
Chloromethane	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
2-Chlorotoluene	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
4-Chlorotoluene	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/31/08 22:01	SW846 8260B	8104984
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
Dibromomethane	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
1,1-Dichloroethane	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
1,2-Dichloroethane	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	11/02/08 18:55	SW846 8260B	8105445
1,1-Dichloroethene	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
1,3-Dichloropropane	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-19 (M&A-130 - Ground Water) - cont. Sampled: 10/29/08 09:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloropropane	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
2,2-Dichloropropane	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
1,1-Dichloropropene	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
Ethylbenzene	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
Hexachlorobutadiene	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
2-Hexanone	ND		ug/L	50.0	1	10/31/08 22:01	SW846 8260B	8104984
Isopropylbenzene	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
p-Isopropyltoluene	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
Methylene Chloride	ND		ug/L	5.00	1	10/31/08 22:01	SW846 8260B	8104984
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/31/08 22:01	SW846 8260B	8104984
Naphthalene	ND		ug/L	5.00	1	10/31/08 22:01	SW846 8260B	8104984
n-Propylbenzene	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
Styrene	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
Tetrachloroethene	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
Toluene	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
Trichloroethene	ND		ug/L	1.00	1	11/02/08 18:55	SW846 8260B	8105445
Trichlorofluoromethane	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
Vinyl chloride	ND		ug/L	1.00	1	10/31/08 22:01	SW846 8260B	8104984
Xylenes, total	ND		ug/L	3.00	1	10/31/08 22:01	SW846 8260B	8104984
Surr: 1,2-Dichloroethane-d4 (60-140%)	*96 %*					*10/31/08 22:01*	*SW846 8260B*	*8104984*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*93 %*					*11/02/08 18:55*	*SW846 8260B*	*8105445*
Surr: Dibromofluoromethane (75-124%)	*100 %*					*10/31/08 22:01*	*SW846 8260B*	*8104984*
Surr: Dibromofluoromethane (75-124%)	*96 %*					*11/02/08 18:55*	*SW846 8260B*	*8105445*
Surr: Toluene-d8 (78-121%)	*106 %*					*10/31/08 22:01*	*SW846 8260B*	*8104984*
Surr: Toluene-d8 (78-121%)	*101 %*					*11/02/08 18:55*	*SW846 8260B*	*8105445*
Surr: 4-Bromofluorobenzene (79-124%)	*98 %*					*10/31/08 22:01*	*SW846 8260B*	*8104984*
Surr: 4-Bromofluorobenzene (79-124%)	*97 %*					*11/02/08 18:55*	*SW846 8260B*	*8105445*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-20 (M&A-131 - Ground Water) Sampled: 10/29/08 09:55								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	11/05/08 23:27	SW846 8082	8105331
PCB-1221	ND		ug/L	0.500	1	11/05/08 23:27	SW846 8082	8105331
PCB-1232	ND		ug/L	0.500	1	11/05/08 23:27	SW846 8082	8105331
PCB-1242	ND		ug/L	0.500	1	11/05/08 23:27	SW846 8082	8105331
PCB-1248	ND		ug/L	0.500	1	11/05/08 23:27	SW846 8082	8105331
PCB-1254	ND		ug/L	0.500	1	11/05/08 23:27	SW846 8082	8105331
PCB-1260	ND		ug/L	0.500	1	11/05/08 23:27	SW846 8082	8105331
Surr: Tetrachloro-meta-xylene (29-137%)	*87 %*					*11/05/08 23:27*	*SW846 8082*	*8105331*
Surr: Decachlorobiphenyl (10-146%)	*49 %*					*11/05/08 23:27*	*SW846 8082*	*8105331*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/31/08 22:27	SW846 8260B	8104984
Benzene	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
Bromobenzene	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
Bromochloromethane	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
Bromodichloromethane	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
Bromoform	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
Bromomethane	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
2-Butanone	ND		ug/L	50.0	1	10/31/08 22:27	SW846 8260B	8104984
sec-Butylbenzene	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
n-Butylbenzene	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
tert-Butylbenzene	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
Carbon disulfide	**1.03**		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
Carbon Tetrachloride	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
Chlorobenzene	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
Chlorodibromomethane	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
Chloroethane	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
Chloroform	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
Chloromethane	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
2-Chlorotoluene	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
4-Chlorotoluene	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/31/08 22:27	SW846 8260B	8104984
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
Dibromomethane	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
1,1-Dichloroethane	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
1,2-Dichloroethane	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	11/02/08 19:20	SW846 8260B	8105445
1,1-Dichloroethene	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
1,3-Dichloropropane	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-20 (M&A-131 - Ground Water) - cont. Sampled: 10/29/08 09:55								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloropropane	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
2,2-Dichloropropane	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
1,1-Dichloropropene	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
Ethylbenzene	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
Hexachlorobutadiene	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
2-Hexanone	ND		ug/L	50.0	1	10/31/08 22:27	SW846 8260B	8104984
Isopropylbenzene	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
p-Isopropyltoluene	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
Methylene Chloride	ND		ug/L	5.00	1	10/31/08 22:27	SW846 8260B	8104984
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/31/08 22:27	SW846 8260B	8104984
Naphthalene	ND		ug/L	5.00	1	10/31/08 22:27	SW846 8260B	8104984
n-Propylbenzene	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
Styrene	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
Tetrachloroethene	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
Toluene	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
Trichloroethene	ND		ug/L	1.00	1	11/02/08 19:20	SW846 8260B	8105445
Trichlorofluoromethane	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
Vinyl chloride	ND		ug/L	1.00	1	10/31/08 22:27	SW846 8260B	8104984
Xylenes, total	ND		ug/L	3.00	1	10/31/08 22:27	SW846 8260B	8104984
Surr: 1,2-Dichloroethane-d4 (60-140%)	*96 %*					*10/31/08 22:27*	*SW846 8260B*	*8104984*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*94 %*					*11/02/08 19:20*	*SW846 8260B*	*8105445*
Surr: Dibromofluoromethane (75-124%)	*96 %*					*10/31/08 22:27*	*SW846 8260B*	*8104984*
Surr: Dibromofluoromethane (75-124%)	*97 %*					*11/02/08 19:20*	*SW846 8260B*	*8105445*
Surr: Toluene-d8 (78-121%)	*105 %*					*10/31/08 22:27*	*SW846 8260B*	*8104984*
Surr: Toluene-d8 (78-121%)	*102 %*					*11/02/08 19:20*	*SW846 8260B*	*8105445*
Surr: 4-Bromofluorobenzene (79-124%)	*144 %*	*Z2*				*10/31/08 22:27*	*SW846 8260B*	*8104984*
Surr: 4-Bromofluorobenzene (79-124%)	*123 %*					*11/02/08 19:20*	*SW846 8260B*	*8105445*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Sample ID: NRJ3151-21 (Trip Blank - Water) Sampled: 10/29/08 00:01

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Acetone	ND		ug/L	50.0	1	10/31/08 16:29	SW846 8260B	8104984
Benzene	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
Bromobenzene	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
Bromochloromethane	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
Bromodichloromethane	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
Bromoform	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
Bromomethane	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
2-Butanone	ND		ug/L	50.0	1	10/31/08 16:29	SW846 8260B	8104984
sec-Butylbenzene	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
n-Butylbenzene	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
tert-Butylbenzene	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
Carbon disulfide	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
Carbon Tetrachloride	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
Chlorobenzene	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
Chlorodibromomethane	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
Chloroethane	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
Chloroform	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
Chloromethane	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
2-Chlorotoluene	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
4-Chlorotoluene	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/31/08 16:29	SW846 8260B	8104984
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
Dibromomethane	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
1,1-Dichloroethane	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
1,2-Dichloroethane	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
1,1-Dichloroethene	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
1,3-Dichloropropane	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
1,2-Dichloropropane	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
2,2-Dichloropropane	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
1,1-Dichloropropene	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
Ethylbenzene	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
Hexachlorobutadiene	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
2-Hexanone	ND		ug/L	50.0	1	10/31/08 16:29	SW846 8260B	8104984
Isopropylbenzene	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
p-Isopropyltoluene	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ3151-21 (Trip Blank - Water) - cont. Sampled: 10/29/08 00:01								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
Methylene Chloride	ND		ug/L	5.00	1	10/31/08 16:29	SW846 8260B	8104984
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/31/08 16:29	SW846 8260B	8104984
Naphthalene	ND		ug/L	5.00	1	10/31/08 16:29	SW846 8260B	8104984
n-Propylbenzene	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
Styrene	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
Tetrachloroethene	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
Toluene	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
Trichloroethene	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
Trichlorofluoromethane	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
Vinyl chloride	ND		ug/L	1.00	1	10/31/08 16:29	SW846 8260B	8104984
Xylenes, total	ND		ug/L	3.00	1	10/31/08 16:29	SW846 8260B	8104984
Surr: 1,2-Dichloroethane-d4 (60-140%)	*97 %*					*10/31/08 16:29*	*SW846 8260B*	*8104984*
Surr: Dibromofluoromethane (75-124%)	*96 %*					*10/31/08 16:29*	*SW846 8260B*	*8104984*
Surr: Toluene-d8 (78-121%)	*106 %*					*10/31/08 16:29*	*SW846 8260B*	*8104984*
Surr: 4-Bromofluorobenzene (79-124%)	*98 %*					*10/31/08 16:29*	*SW846 8260B*	*8104984*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Polychlorinated Biphenyls by EPA Method 8082							
SW846 8082	8105331	NRJ3151-07	500.00	2.00	11/01/08 14:30	BHK	EPA 3510C
SW846 8082	8105331	NRJ3151-09	500.00	2.00	11/01/08 14:30	BHK	EPA 3510C
SW846 8082	8105331	NRJ3151-11	500.00	2.00	11/01/08 14:30	BHK	EPA 3510C
SW846 8082	8105331	NRJ3151-12	500.00	2.00	11/01/08 14:30	BHK	EPA 3510C
SW846 8082	8105331	NRJ3151-13	500.00	2.00	11/01/08 14:30	BHK	EPA 3510C
SW846 8082	8105331	NRJ3151-14	500.00	2.00	11/01/08 14:30	BHK	EPA 3510C
SW846 8082	8105331	NRJ3151-15	500.00	2.00	11/01/08 14:30	BHK	EPA 3510C
SW846 8082	8105331	NRJ3151-16	500.00	2.00	11/01/08 14:30	BHK	EPA 3510C
SW846 8082	8105331	NRJ3151-17	500.00	2.00	11/01/08 14:30	BHK	EPA 3510C
SW846 8082	8105331	NRJ3151-19	500.00	2.00	11/01/08 14:30	BHK	EPA 3510C
SW846 8082	8105331	NRJ3151-20	500.00	2.00	11/01/08 14:30	BHK	EPA 3510C

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
General Chemistry Parameters						
8110725-BLK1						
Cyanide	<0.00200		mg/L	8110725	8110725-BLK1	11/09/08 14:07
Polychlorinated Biphenyls by EPA Method 8082						
8105331-BLK1						
PCB-1016	<0.260		ug/L	8105331	8105331-BLK1	11/05/08 19:07
PCB-1221	<0.340		ug/L	8105331	8105331-BLK1	11/05/08 19:07
PCB-1232	<0.470		ug/L	8105331	8105331-BLK1	11/05/08 19:07
PCB-1242	<0.350		ug/L	8105331	8105331-BLK1	11/05/08 19:07
PCB-1248	<0.250		ug/L	8105331	8105331-BLK1	11/05/08 19:07
PCB-1254	<0.380		ug/L	8105331	8105331-BLK1	11/05/08 19:07
PCB-1260	<0.200		ug/L	8105331	8105331-BLK1	11/05/08 19:07
Surrogate: Tetrachloro-meta-xylene	84%			8105331	8105331-BLK1	11/05/08 19:07
Surrogate: Decachlorobiphenyl	42%			8105331	8105331-BLK1	11/05/08 19:07
Volatile Organic Compounds by EPA Method 8260B						
8104984-BLK1						
Acetone	<25.0		ug/L	8104984	8104984-BLK1	10/31/08 13:55
Benzene	<0.270		ug/L	8104984	8104984-BLK1	10/31/08 13:55
Bromobenzene	<0.360		ug/L	8104984	8104984-BLK1	10/31/08 13:55
Bromochloromethane	<0.400		ug/L	8104984	8104984-BLK1	10/31/08 13:55
Bromodichloromethane	<0.350		ug/L	8104984	8104984-BLK1	10/31/08 13:55
Bromoform	<0.430		ug/L	8104984	8104984-BLK1	10/31/08 13:55
Bromomethane	<0.420		ug/L	8104984	8104984-BLK1	10/31/08 13:55
2-Butanone	<2.40		ug/L	8104984	8104984-BLK1	10/31/08 13:55
sec-Butylbenzene	<0.140		ug/L	8104984	8104984-BLK1	10/31/08 13:55
n-Butylbenzene	<0.280		ug/L	8104984	8104984-BLK1	10/31/08 13:55
tert-Butylbenzene	<0.330		ug/L	8104984	8104984-BLK1	10/31/08 13:55
Carbon disulfide	<0.380		ug/L	8104984	8104984-BLK1	10/31/08 13:55
Carbon Tetrachloride	<0.350		ug/L	8104984	8104984-BLK1	10/31/08 13:55
Chlorobenzene	<0.180		ug/L	8104984	8104984-BLK1	10/31/08 13:55
Chlorodibromomethane	<0.280		ug/L	8104984	8104984-BLK1	10/31/08 13:55
Chloroethane	<0.450		ug/L	8104984	8104984-BLK1	10/31/08 13:55
Chloroform	<0.280		ug/L	8104984	8104984-BLK1	10/31/08 13:55
Chloromethane	<0.380		ug/L	8104984	8104984-BLK1	10/31/08 13:55
2-Chlorotoluene	<0.300		ug/L	8104984	8104984-BLK1	10/31/08 13:55
4-Chlorotoluene	<0.330		ug/L	8104984	8104984-BLK1	10/31/08 13:55
1,2-Dibromo-3-chloropropane	<0.860		ug/L	8104984	8104984-BLK1	10/31/08 13:55
1,2-Dibromoethane (EDB)	<0.390		ug/L	8104984	8104984-BLK1	10/31/08 13:55
Dibromomethane	<0.350		ug/L	8104984	8104984-BLK1	10/31/08 13:55
1,4-Dichlorobenzene	<0.380		ug/L	8104984	8104984-BLK1	10/31/08 13:55
1,3-Dichlorobenzene	<0.350		ug/L	8104984	8104984-BLK1	10/31/08 13:55

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
8104984-BLK1						
1,2-Dichlorobenzene	<0.500		ug/L	8104984	8104984-BLK1	10/31/08 13:55
Dichlorodifluoromethane	<0.460		ug/L	8104984	8104984-BLK1	10/31/08 13:55
1,1-Dichloroethane	<0.540		ug/L	8104984	8104984-BLK1	10/31/08 13:55
1,2-Dichloroethane	<0.370		ug/L	8104984	8104984-BLK1	10/31/08 13:55
cis-1,2-Dichloroethene	<0.390		ug/L	8104984	8104984-BLK1	10/31/08 13:55
1,1-Dichloroethene	<0.340		ug/L	8104984	8104984-BLK1	10/31/08 13:55
trans-1,2-Dichloroethene	<0.470		ug/L	8104984	8104984-BLK1	10/31/08 13:55
1,3-Dichloropropane	<0.290		ug/L	8104984	8104984-BLK1	10/31/08 13:55
1,2-Dichloropropane	<0.320		ug/L	8104984	8104984-BLK1	10/31/08 13:55
2,2-Dichloropropane	<0.420		ug/L	8104984	8104984-BLK1	10/31/08 13:55
cis-1,3-Dichloropropene	<0.290		ug/L	8104984	8104984-BLK1	10/31/08 13:55
trans-1,3-Dichloropropene	<0.330		ug/L	8104984	8104984-BLK1	10/31/08 13:55
1,1-Dichloropropene	<0.310		ug/L	8104984	8104984-BLK1	10/31/08 13:55
Ethylbenzene	<0.240		ug/L	8104984	8104984-BLK1	10/31/08 13:55
Hexachlorobutadiene	<0.910		ug/L	8104984	8104984-BLK1	10/31/08 13:55
2-Hexanone	<16.7		ug/L	8104984	8104984-BLK1	10/31/08 13:55
Isopropylbenzene	<0.300		ug/L	8104984	8104984-BLK1	10/31/08 13:55
p-Isopropyltoluene	<0.220		ug/L	8104984	8104984-BLK1	10/31/08 13:55
Methyl tert-Butyl Ether	<0.420		ug/L	8104984	8104984-BLK1	10/31/08 13:55
Methylene Chloride	<0.830		ug/L	8104984	8104984-BLK1	10/31/08 13:55
4-Methyl-2-pentanone	<3.49		ug/L	8104984	8104984-BLK1	10/31/08 13:55
Naphthalene	<0.540		ug/L	8104984	8104984-BLK1	10/31/08 13:55
n-Propylbenzene	<0.290		ug/L	8104984	8104984-BLK1	10/31/08 13:55
Styrene	<0.330		ug/L	8104984	8104984-BLK1	10/31/08 13:55
1,1,1,2-Tetrachloroethane	<0.290		ug/L	8104984	8104984-BLK1	10/31/08 13:55
1,1,2,2-Tetrachloroethane	<0.290		ug/L	8104984	8104984-BLK1	10/31/08 13:55
Tetrachloroethene	<0.230		ug/L	8104984	8104984-BLK1	10/31/08 13:55
Toluene	<0.280		ug/L	8104984	8104984-BLK1	10/31/08 13:55
1,2,3-Trichlorobenzene	<0.940		ug/L	8104984	8104984-BLK1	10/31/08 13:55
1,2,4-Trichlorobenzene	<0.500		ug/L	8104984	8104984-BLK1	10/31/08 13:55
1,1,2-Trichloroethane	<0.400		ug/L	8104984	8104984-BLK1	10/31/08 13:55
1,1,1-Trichloroethane	<0.370		ug/L	8104984	8104984-BLK1	10/31/08 13:55
Trichloroethene	<0.230		ug/L	8104984	8104984-BLK1	10/31/08 13:55
Trichlorofluoromethane	<0.350		ug/L	8104984	8104984-BLK1	10/31/08 13:55
1,2,3-Trichloropropane	<0.290		ug/L	8104984	8104984-BLK1	10/31/08 13:55
1,3,5-Trimethylbenzene	<0.160		ug/L	8104984	8104984-BLK1	10/31/08 13:55
1,2,4-Trimethylbenzene	<0.170		ug/L	8104984	8104984-BLK1	10/31/08 13:55
Vinyl chloride	<0.290		ug/L	8104984	8104984-BLK1	10/31/08 13:55
Xylenes, total	<0.860		ug/L	8104984	8104984-BLK1	10/31/08 13:55
Surrogate: 1,2-Dichloroethane-d4	98%			8104984	8104984-BLK1	10/31/08 13:55
Surrogate: Dibromofluoromethane	98%			8104984	8104984-BLK1	10/31/08 13:55

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
8104984-BLK1						
Surrogate: Toluene-d8	104%			8104984	8104984-BLK1	10/31/08 13:55
Surrogate: 4-Bromofluorobenzene	90%			8104984	8104984-BLK1	10/31/08 13:55
8105295-BLK1						
Acetone	<25.0		ug/L	8105295	8105295-BLK1	11/04/08 12:21
Benzene	<0.270		ug/L	8105295	8105295-BLK1	11/04/08 12:21
Bromobenzene	<0.360		ug/L	8105295	8105295-BLK1	11/04/08 12:21
Bromochloromethane	<0.400		ug/L	8105295	8105295-BLK1	11/04/08 12:21
Bromodichloromethane	<0.350		ug/L	8105295	8105295-BLK1	11/04/08 12:21
Bromoform	<0.430		ug/L	8105295	8105295-BLK1	11/04/08 12:21
Bromomethane	<0.420		ug/L	8105295	8105295-BLK1	11/04/08 12:21
2-Butanone	<2.40		ug/L	8105295	8105295-BLK1	11/04/08 12:21
sec-Butylbenzene	<0.140		ug/L	8105295	8105295-BLK1	11/04/08 12:21
n-Butylbenzene	<0.280		ug/L	8105295	8105295-BLK1	11/04/08 12:21
tert-Butylbenzene	<0.330		ug/L	8105295	8105295-BLK1	11/04/08 12:21
Carbon disulfide	<0.380		ug/L	8105295	8105295-BLK1	11/04/08 12:21
Carbon Tetrachloride	<0.350		ug/L	8105295	8105295-BLK1	11/04/08 12:21
Chlorobenzene	<0.180		ug/L	8105295	8105295-BLK1	11/04/08 12:21
Chlorodibromomethane	<0.280		ug/L	8105295	8105295-BLK1	11/04/08 12:21
Chloroethane	<0.450		ug/L	8105295	8105295-BLK1	11/04/08 12:21
Chloroform	<0.280		ug/L	8105295	8105295-BLK1	11/04/08 12:21
Chloromethane	<0.380		ug/L	8105295	8105295-BLK1	11/04/08 12:21
2-Chlorotoluene	<0.300		ug/L	8105295	8105295-BLK1	11/04/08 12:21
4-Chlorotoluene	<0.330		ug/L	8105295	8105295-BLK1	11/04/08 12:21
1,2-Dibromo-3-chloropropane	<0.860		ug/L	8105295	8105295-BLK1	11/04/08 12:21
1,2-Dibromoethane (EDB)	<0.390		ug/L	8105295	8105295-BLK1	11/04/08 12:21
Dibromomethane	<0.350		ug/L	8105295	8105295-BLK1	11/04/08 12:21
1,4-Dichlorobenzene	<0.380		ug/L	8105295	8105295-BLK1	11/04/08 12:21
1,3-Dichlorobenzene	<0.350		ug/L	8105295	8105295-BLK1	11/04/08 12:21
1,2-Dichlorobenzene	<0.500		ug/L	8105295	8105295-BLK1	11/04/08 12:21
Dichlorodifluoromethane	<0.460		ug/L	8105295	8105295-BLK1	11/04/08 12:21
1,1-Dichloroethane	<0.540		ug/L	8105295	8105295-BLK1	11/04/08 12:21
1,2-Dichloroethane	<0.370		ug/L	8105295	8105295-BLK1	11/04/08 12:21
cis-1,2-Dichloroethene	<0.390		ug/L	8105295	8105295-BLK1	11/04/08 12:21
1,1-Dichloroethene	<0.340		ug/L	8105295	8105295-BLK1	11/04/08 12:21
trans-1,2-Dichloroethene	<0.470		ug/L	8105295	8105295-BLK1	11/04/08 12:21
1,3-Dichloropropane	<0.290		ug/L	8105295	8105295-BLK1	11/04/08 12:21
1,2-Dichloropropane	<0.320		ug/L	8105295	8105295-BLK1	11/04/08 12:21
2,2-Dichloropropane	<0.420		ug/L	8105295	8105295-BLK1	11/04/08 12:21
cis-1,3-Dichloropropene	<0.290		ug/L	8105295	8105295-BLK1	11/04/08 12:21
trans-1,3-Dichloropropene	<0.330		ug/L	8105295	8105295-BLK1	11/04/08 12:21

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
8105295-BLK1						
1,1-Dichloropropene	<0.310		ug/L	8105295	8105295-BLK1	11/04/08 12:21
Ethylbenzene	<0.240		ug/L	8105295	8105295-BLK1	11/04/08 12:21
Hexachlorobutadiene	<0.910		ug/L	8105295	8105295-BLK1	11/04/08 12:21
2-Hexanone	<16.7		ug/L	8105295	8105295-BLK1	11/04/08 12:21
Isopropylbenzene	<0.300		ug/L	8105295	8105295-BLK1	11/04/08 12:21
p-Isopropyltoluene	<0.220		ug/L	8105295	8105295-BLK1	11/04/08 12:21
Methyl tert-Butyl Ether	<0.420		ug/L	8105295	8105295-BLK1	11/04/08 12:21
Methylene Chloride	<0.830		ug/L	8105295	8105295-BLK1	11/04/08 12:21
4-Methyl-2-pentanone	<3.49		ug/L	8105295	8105295-BLK1	11/04/08 12:21
Naphthalene	<0.540		ug/L	8105295	8105295-BLK1	11/04/08 12:21
n-Propylbenzene	<0.290		ug/L	8105295	8105295-BLK1	11/04/08 12:21
Styrene	<0.330		ug/L	8105295	8105295-BLK1	11/04/08 12:21
1,1,1,2-Tetrachloroethane	<0.290		ug/L	8105295	8105295-BLK1	11/04/08 12:21
1,1,2,2-Tetrachloroethane	<0.290		ug/L	8105295	8105295-BLK1	11/04/08 12:21
Tetrachloroethene	<0.230		ug/L	8105295	8105295-BLK1	11/04/08 12:21
Toluene	<0.280		ug/L	8105295	8105295-BLK1	11/04/08 12:21
1,2,3-Trichlorobenzene	<0.940		ug/L	8105295	8105295-BLK1	11/04/08 12:21
1,2,4-Trichlorobenzene	<0.500		ug/L	8105295	8105295-BLK1	11/04/08 12:21
1,1,2-Trichloroethane	<0.400		ug/L	8105295	8105295-BLK1	11/04/08 12:21
1,1,1-Trichloroethane	<0.370		ug/L	8105295	8105295-BLK1	11/04/08 12:21
Trichloroethene	<0.230		ug/L	8105295	8105295-BLK1	11/04/08 12:21
Trichlorofluoromethane	<0.350		ug/L	8105295	8105295-BLK1	11/04/08 12:21
1,2,3-Trichloropropane	<0.290		ug/L	8105295	8105295-BLK1	11/04/08 12:21
1,3,5-Trimethylbenzene	<0.160		ug/L	8105295	8105295-BLK1	11/04/08 12:21
1,2,4-Trimethylbenzene	<0.170		ug/L	8105295	8105295-BLK1	11/04/08 12:21
Vinyl chloride	<0.290		ug/L	8105295	8105295-BLK1	11/04/08 12:21
Xylenes, total	<0.860		ug/L	8105295	8105295-BLK1	11/04/08 12:21
1,2-Dichloroethene (total)	<0.470		ug/L	8105295	8105295-BLK1	11/04/08 12:21
Surrogate: 1,2-Dichloroethane-d4	90%			8105295	8105295-BLK1	11/04/08 12:21
Surrogate: Dibromofluoromethane	94%			8105295	8105295-BLK1	11/04/08 12:21
Surrogate: Toluene-d8	103%			8105295	8105295-BLK1	11/04/08 12:21
Surrogate: 4-Bromofluorobenzene	94%			8105295	8105295-BLK1	11/04/08 12:21
8105445-BLK1						
Acetone	<25.0		ug/L	8105445	8105445-BLK1	11/02/08 18:29
Benzene	<0.270		ug/L	8105445	8105445-BLK1	11/02/08 18:29
Bromobenzene	<0.360		ug/L	8105445	8105445-BLK1	11/02/08 18:29
Bromochloromethane	<0.400		ug/L	8105445	8105445-BLK1	11/02/08 18:29
Bromodichloromethane	<0.350		ug/L	8105445	8105445-BLK1	11/02/08 18:29
Bromoform	<0.430		ug/L	8105445	8105445-BLK1	11/02/08 18:29
Bromomethane	<0.420		ug/L	8105445	8105445-BLK1	11/02/08 18:29

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
8105445-BLK1						
2-Butanone	<2.40		ug/L	8105445	8105445-BLK1	11/02/08 18:29
sec-Butylbenzene	<0.140		ug/L	8105445	8105445-BLK1	11/02/08 18:29
n-Butylbenzene	<0.280		ug/L	8105445	8105445-BLK1	11/02/08 18:29
tert-Butylbenzene	<0.330		ug/L	8105445	8105445-BLK1	11/02/08 18:29
Carbon disulfide	<0.380		ug/L	8105445	8105445-BLK1	11/02/08 18:29
Carbon Tetrachloride	<0.350		ug/L	8105445	8105445-BLK1	11/02/08 18:29
Chlorobenzene	<0.180		ug/L	8105445	8105445-BLK1	11/02/08 18:29
Chlorodibromomethane	<0.280		ug/L	8105445	8105445-BLK1	11/02/08 18:29
Chloroethane	<0.450		ug/L	8105445	8105445-BLK1	11/02/08 18:29
Chloroform	<0.280		ug/L	8105445	8105445-BLK1	11/02/08 18:29
Chloromethane	<0.380		ug/L	8105445	8105445-BLK1	11/02/08 18:29
2-Chlorotoluene	<0.300		ug/L	8105445	8105445-BLK1	11/02/08 18:29
4-Chlorotoluene	<0.330		ug/L	8105445	8105445-BLK1	11/02/08 18:29
1,2-Dibromo-3-chloropropane	<0.860		ug/L	8105445	8105445-BLK1	11/02/08 18:29
1,2-Dibromoethane (EDB)	<0.390		ug/L	8105445	8105445-BLK1	11/02/08 18:29
Dibromomethane	<0.350		ug/L	8105445	8105445-BLK1	11/02/08 18:29
1,4-Dichlorobenzene	<0.380		ug/L	8105445	8105445-BLK1	11/02/08 18:29
1,3-Dichlorobenzene	<0.350		ug/L	8105445	8105445-BLK1	11/02/08 18:29
1,2-Dichlorobenzene	<0.500		ug/L	8105445	8105445-BLK1	11/02/08 18:29
Dichlorodifluoromethane	<0.460		ug/L	8105445	8105445-BLK1	11/02/08 18:29
1,1-Dichloroethane	<0.540		ug/L	8105445	8105445-BLK1	11/02/08 18:29
1,2-Dichloroethane	<0.370		ug/L	8105445	8105445-BLK1	11/02/08 18:29
cis-1,2-Dichloroethene	<0.390		ug/L	8105445	8105445-BLK1	11/02/08 18:29
1,1-Dichloroethene	<0.340		ug/L	8105445	8105445-BLK1	11/02/08 18:29
trans-1,2-Dichloroethene	<0.470		ug/L	8105445	8105445-BLK1	11/02/08 18:29
1,3-Dichloropropane	<0.290		ug/L	8105445	8105445-BLK1	11/02/08 18:29
1,2-Dichloropropane	<0.320		ug/L	8105445	8105445-BLK1	11/02/08 18:29
2,2-Dichloropropane	<0.420		ug/L	8105445	8105445-BLK1	11/02/08 18:29
cis-1,3-Dichloropropene	<0.290		ug/L	8105445	8105445-BLK1	11/02/08 18:29
trans-1,3-Dichloropropene	<0.330		ug/L	8105445	8105445-BLK1	11/02/08 18:29
1,1-Dichloropropene	<0.310		ug/L	8105445	8105445-BLK1	11/02/08 18:29
Ethylbenzene	<0.240		ug/L	8105445	8105445-BLK1	11/02/08 18:29
Hexachlorobutadiene	<0.910		ug/L	8105445	8105445-BLK1	11/02/08 18:29
2-Hexanone	<16.7		ug/L	8105445	8105445-BLK1	11/02/08 18:29
Isopropylbenzene	<0.300		ug/L	8105445	8105445-BLK1	11/02/08 18:29
p-Isopropyltoluene	<0.220		ug/L	8105445	8105445-BLK1	11/02/08 18:29
Methyl tert-Butyl Ether	<0.420		ug/L	8105445	8105445-BLK1	11/02/08 18:29
Methylene Chloride	<0.830		ug/L	8105445	8105445-BLK1	11/02/08 18:29
4-Methyl-2-pentanone	<3.49		ug/L	8105445	8105445-BLK1	11/02/08 18:29
Naphthalene	<0.540		ug/L	8105445	8105445-BLK1	11/02/08 18:29
n-Propylbenzene	<0.290		ug/L	8105445	8105445-BLK1	11/02/08 18:29

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
8105445-BLK1						
Styrene	<0.330		ug/L	8105445	8105445-BLK1	11/02/08 18:29
1,1,1,2-Tetrachloroethane	<0.290		ug/L	8105445	8105445-BLK1	11/02/08 18:29
1,1,2,2-Tetrachloroethane	<0.290		ug/L	8105445	8105445-BLK1	11/02/08 18:29
Tetrachloroethene	<0.230		ug/L	8105445	8105445-BLK1	11/02/08 18:29
Toluene	<0.280		ug/L	8105445	8105445-BLK1	11/02/08 18:29
1,2,3-Trichlorobenzene	<0.940		ug/L	8105445	8105445-BLK1	11/02/08 18:29
1,2,4-Trichlorobenzene	<0.500		ug/L	8105445	8105445-BLK1	11/02/08 18:29
1,1,2-Trichloroethane	<0.400		ug/L	8105445	8105445-BLK1	11/02/08 18:29
1,1,1-Trichloroethane	<0.370		ug/L	8105445	8105445-BLK1	11/02/08 18:29
Trichloroethene	<0.230		ug/L	8105445	8105445-BLK1	11/02/08 18:29
Trichlorofluoromethane	<0.350		ug/L	8105445	8105445-BLK1	11/02/08 18:29
1,2,3-Trichloropropane	<0.290		ug/L	8105445	8105445-BLK1	11/02/08 18:29
1,3,5-Trimethylbenzene	<0.160		ug/L	8105445	8105445-BLK1	11/02/08 18:29
1,2,4-Trimethylbenzene	<0.170		ug/L	8105445	8105445-BLK1	11/02/08 18:29
Vinyl chloride	<0.290		ug/L	8105445	8105445-BLK1	11/02/08 18:29
Xylenes, total	<0.860		ug/L	8105445	8105445-BLK1	11/02/08 18:29
1,2-Dichloroethene (total)	<0.470		ug/L	8105445	8105445-BLK1	11/02/08 18:29
Surrogate: 1,2-Dichloroethane-d4	94%			8105445	8105445-BLK1	11/02/08 18:29
Surrogate: Dibromofluoromethane	98%			8105445	8105445-BLK1	11/02/08 18:29
Surrogate: Toluene-d8	102%			8105445	8105445-BLK1	11/02/08 18:29
Surrogate: 4-Bromofluorobenzene	93%			8105445	8105445-BLK1	11/02/08 18:29
8110401-BLK1						
Acetone	<25.0		ug/L	8110401	8110401-BLK1	11/01/08 13:08
Benzene	<0.270		ug/L	8110401	8110401-BLK1	11/01/08 13:08
Bromobenzene	<0.360		ug/L	8110401	8110401-BLK1	11/01/08 13:08
Bromochloromethane	<0.400		ug/L	8110401	8110401-BLK1	11/01/08 13:08
Bromodichloromethane	<0.350		ug/L	8110401	8110401-BLK1	11/01/08 13:08
Bromoform	<0.430		ug/L	8110401	8110401-BLK1	11/01/08 13:08
Bromomethane	<0.420		ug/L	8110401	8110401-BLK1	11/01/08 13:08
2-Butanone	<2.40		ug/L	8110401	8110401-BLK1	11/01/08 13:08
sec-Butylbenzene	<0.140		ug/L	8110401	8110401-BLK1	11/01/08 13:08
n-Butylbenzene	<0.280		ug/L	8110401	8110401-BLK1	11/01/08 13:08
tert-Butylbenzene	<0.330		ug/L	8110401	8110401-BLK1	11/01/08 13:08
Carbon disulfide	<0.380		ug/L	8110401	8110401-BLK1	11/01/08 13:08
Carbon Tetrachloride	<0.350		ug/L	8110401	8110401-BLK1	11/01/08 13:08
Chlorobenzene	<0.180		ug/L	8110401	8110401-BLK1	11/01/08 13:08
Chlorodibromomethane	<0.280		ug/L	8110401	8110401-BLK1	11/01/08 13:08
Chloroethane	<0.450		ug/L	8110401	8110401-BLK1	11/01/08 13:08
Chloroform	<0.280		ug/L	8110401	8110401-BLK1	11/01/08 13:08
Chloromethane	<0.380		ug/L	8110401	8110401-BLK1	11/01/08 13:08

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
8110401-BLK1						
2-Chlorotoluene	<0.300		ug/L	8110401	8110401-BLK1	11/01/08 13:08
4-Chlorotoluene	<0.330		ug/L	8110401	8110401-BLK1	11/01/08 13:08
1,2-Dibromo-3-chloropropane	<0.860		ug/L	8110401	8110401-BLK1	11/01/08 13:08
1,2-Dibromoethane (EDB)	<0.390		ug/L	8110401	8110401-BLK1	11/01/08 13:08
Dibromomethane	<0.350		ug/L	8110401	8110401-BLK1	11/01/08 13:08
1,4-Dichlorobenzene	<0.380		ug/L	8110401	8110401-BLK1	11/01/08 13:08
1,3-Dichlorobenzene	<0.350		ug/L	8110401	8110401-BLK1	11/01/08 13:08
1,2-Dichlorobenzene	<0.500		ug/L	8110401	8110401-BLK1	11/01/08 13:08
Dichlorodifluoromethane	<0.460		ug/L	8110401	8110401-BLK1	11/01/08 13:08
1,1-Dichloroethane	<0.540		ug/L	8110401	8110401-BLK1	11/01/08 13:08
1,2-Dichloroethane	<0.370		ug/L	8110401	8110401-BLK1	11/01/08 13:08
cis-1,2-Dichloroethene	<0.390		ug/L	8110401	8110401-BLK1	11/01/08 13:08
1,1-Dichloroethene	<0.340		ug/L	8110401	8110401-BLK1	11/01/08 13:08
trans-1,2-Dichloroethene	<0.470		ug/L	8110401	8110401-BLK1	11/01/08 13:08
1,3-Dichloropropane	<0.290		ug/L	8110401	8110401-BLK1	11/01/08 13:08
1,2-Dichloropropane	<0.320		ug/L	8110401	8110401-BLK1	11/01/08 13:08
2,2-Dichloropropane	<0.420		ug/L	8110401	8110401-BLK1	11/01/08 13:08
cis-1,3-Dichloropropene	<0.290		ug/L	8110401	8110401-BLK1	11/01/08 13:08
trans-1,3-Dichloropropene	<0.330		ug/L	8110401	8110401-BLK1	11/01/08 13:08
1,1-Dichloropropene	<0.310		ug/L	8110401	8110401-BLK1	11/01/08 13:08
Ethylbenzene	<0.240		ug/L	8110401	8110401-BLK1	11/01/08 13:08
Hexachlorobutadiene	<0.910		ug/L	8110401	8110401-BLK1	11/01/08 13:08
2-Hexanone	<16.7		ug/L	8110401	8110401-BLK1	11/01/08 13:08
Isopropylbenzene	<0.300		ug/L	8110401	8110401-BLK1	11/01/08 13:08
p-Isopropyltoluene	<0.220		ug/L	8110401	8110401-BLK1	11/01/08 13:08
Methyl tert-Butyl Ether	<0.420		ug/L	8110401	8110401-BLK1	11/01/08 13:08
Methylene Chloride	<0.830		ug/L	8110401	8110401-BLK1	11/01/08 13:08
4-Methyl-2-pentanone	<3.49		ug/L	8110401	8110401-BLK1	11/01/08 13:08
Naphthalene	<0.540		ug/L	8110401	8110401-BLK1	11/01/08 13:08
n-Propylbenzene	<0.290		ug/L	8110401	8110401-BLK1	11/01/08 13:08
Styrene	<0.330		ug/L	8110401	8110401-BLK1	11/01/08 13:08
1,1,1,2-Tetrachloroethane	<0.290		ug/L	8110401	8110401-BLK1	11/01/08 13:08
1,1,2,2-Tetrachloroethane	<0.290		ug/L	8110401	8110401-BLK1	11/01/08 13:08
Tetrachloroethene	<0.230		ug/L	8110401	8110401-BLK1	11/01/08 13:08
Toluene	<0.280		ug/L	8110401	8110401-BLK1	11/01/08 13:08
1,2,3-Trichlorobenzene	<0.940		ug/L	8110401	8110401-BLK1	11/01/08 13:08
1,2,4-Trichlorobenzene	<0.500		ug/L	8110401	8110401-BLK1	11/01/08 13:08
1,1,2-Trichloroethane	<0.400		ug/L	8110401	8110401-BLK1	11/01/08 13:08
1,1,1-Trichloroethane	<0.370		ug/L	8110401	8110401-BLK1	11/01/08 13:08
Trichloroethene	<0.230		ug/L	8110401	8110401-BLK1	11/01/08 13:08
Trichlorofluoromethane	<0.350		ug/L	8110401	8110401-BLK1	11/01/08 13:08

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
8110401-BLK1						
1,2,3-Trichloropropane	<0.290		ug/L	8110401	8110401-BLK1	11/01/08 13:08
1,3,5-Trimethylbenzene	<0.160		ug/L	8110401	8110401-BLK1	11/01/08 13:08
1,2,4-Trimethylbenzene	<0.170		ug/L	8110401	8110401-BLK1	11/01/08 13:08
Vinyl chloride	<0.290		ug/L	8110401	8110401-BLK1	11/01/08 13:08
Xylenes, total	<0.860		ug/L	8110401	8110401-BLK1	11/01/08 13:08
Surrogate: 1,2-Dichloroethane-d4	102%			8110401	8110401-BLK1	11/01/08 13:08
Surrogate: Dibromofluoromethane	102%			8110401	8110401-BLK1	11/01/08 13:08
Surrogate: Toluene-d8	99%			8110401	8110401-BLK1	11/01/08 13:08
Surrogate: 4-Bromofluorobenzene	105%			8110401	8110401-BLK1	11/01/08 13:08

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
8110725-BS1								
Cyanide	0.100	0.0968		mg/L	97%	90 - 110	8110725	11/09/08 14:07
Polychlorinated Biphenyls by EPA Method 8082								
8105331-BS1								
PCB-1248	10.0	8.92	MNR1	ug/L	89%	20 - 140	8105331	11/05/08 19:29
Surrogate: Tetrachloro-meta-xylene	1.00	0.868			87%	29 - 137	8105331	11/05/08 19:29
Surrogate: Decachlorobiphenyl	1.00	0.488			49%	10 - 146	8105331	11/05/08 19:29
Volatile Organic Compounds by EPA Method 8260B								
8104984-BS1								
Acetone	250	251		ug/L	101%	62 - 150	8104984	10/31/08 11:17
Benzene	50.0	45.8		ug/L	92%	80 - 137	8104984	10/31/08 11:17
Bromobenzene	50.0	56.6		ug/L	113%	74 - 131	8104984	10/31/08 11:17
Bromochloromethane	50.0	44.1		ug/L	88%	80 - 128	8104984	10/31/08 11:17
Bromodichloromethane	50.0	48.3		ug/L	97%	80 - 129	8104984	10/31/08 11:17
Bromoform	50.0	47.2		ug/L	94%	69 - 127	8104984	10/31/08 11:17
Bromomethane	50.0	60.4		ug/L	121%	62 - 148	8104984	10/31/08 11:17
2-Butanone	250	256		ug/L	102%	77 - 141	8104984	10/31/08 11:17
sec-Butylbenzene	50.0	49.9		ug/L	100%	78 - 133	8104984	10/31/08 11:17
n-Butylbenzene	50.0	52.3		ug/L	105%	72 - 136	8104984	10/31/08 11:17
tert-Butylbenzene	50.0	48.2		ug/L	96%	77 - 135	8104984	10/31/08 11:17
Carbon disulfide	50.0	51.0		ug/L	102%	80 - 126	8104984	10/31/08 11:17
Carbon Tetrachloride	50.0	41.8		ug/L	84%	76 - 143	8104984	10/31/08 11:17
Chlorobenzene	50.0	49.8		ug/L	100%	80 - 120	8104984	10/31/08 11:17
Chlorodibromomethane	50.0	47.2		ug/L	94%	76 - 123	8104984	10/31/08 11:17
Chloroethane	50.0	46.3		ug/L	93%	77 - 127	8104984	10/31/08 11:17
Chloroform	50.0	42.2		ug/L	84%	80 - 133	8104984	10/31/08 11:17
Chloromethane	50.0	35.3		ug/L	71%	33 - 125	8104984	10/31/08 11:17
2-Chlorotoluene	50.0	58.5		ug/L	117%	80 - 127	8104984	10/31/08 11:17
4-Chlorotoluene	50.0	58.7		ug/L	117%	80 - 127	8104984	10/31/08 11:17
1,2-Dibromo-3-chloropropane	50.0	54.0		ug/L	108%	60 - 136	8104984	10/31/08 11:17
1,2-Dibromoethane (EDB)	50.0	52.4		ug/L	105%	80 - 125	8104984	10/31/08 11:17
Dibromomethane	50.0	42.1		ug/L	84%	80 - 124	8104984	10/31/08 11:17
1,4-Dichlorobenzene	50.0	48.9		ug/L	98%	80 - 120	8104984	10/31/08 11:17
1,3-Dichlorobenzene	50.0	50.7		ug/L	101%	80 - 123	8104984	10/31/08 11:17
1,2-Dichlorobenzene	50.0	50.8		ug/L	102%	80 - 122	8104984	10/31/08 11:17
Dichlorodifluoromethane	50.0	36.2		ug/L	72%	36 - 120	8104984	10/31/08 11:17
1,1-Dichloroethane	50.0	45.4		ug/L	91%	76 - 130	8104984	10/31/08 11:17
1,2-Dichloroethane	50.0	42.7		ug/L	85%	69 - 136	8104984	10/31/08 11:17
cis-1,2-Dichloroethene	50.0	45.4		ug/L	91%	80 - 129	8104984	10/31/08 11:17
1,1-Dichloroethene	50.0	47.3		ug/L	95%	80 - 127	8104984	10/31/08 11:17

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
8104984-BS1								
trans-1,2-Dichloroethene	50.0	44.8		ug/L	90%	80 - 131	8104984	10/31/08 11:17
1,3-Dichloropropane	50.0	50.1		ug/L	100%	80 - 122	8104984	10/31/08 11:17
1,2-Dichloropropane	50.0	42.7		ug/L	85%	80 - 120	8104984	10/31/08 11:17
2,2-Dichloropropane	50.0	46.2		ug/L	92%	62 - 142	8104984	10/31/08 11:17
cis-1,3-Dichloropropene	50.0	52.2		ug/L	104%	76 - 135	8104984	10/31/08 11:17
trans-1,3-Dichloropropene	50.0	45.9		ug/L	92%	70 - 137	8104984	10/31/08 11:17
1,1-Dichloropropene	50.0	45.5		ug/L	91%	80 - 127	8104984	10/31/08 11:17
Ethylbenzene	50.0	50.4		ug/L	101%	80 - 128	8104984	10/31/08 11:17
Hexachlorobutadiene	50.0	61.2		ug/L	122%	68 - 148	8104984	10/31/08 11:17
2-Hexanone	250	275		ug/L	110%	69 - 148	8104984	10/31/08 11:17
Isopropylbenzene	50.0	48.1		ug/L	96%	80 - 121	8104984	10/31/08 11:17
p-Isopropyltoluene	50.0	50.0		ug/L	100%	79 - 127	8104984	10/31/08 11:17
Methyl tert-Butyl Ether	50.0	47.4		ug/L	95%	70 - 129	8104984	10/31/08 11:17
Methylene Chloride	50.0	43.0		ug/L	86%	76 - 135	8104984	10/31/08 11:17
4-Methyl-2-pentanone	250	270		ug/L	108%	67 - 143	8104984	10/31/08 11:17
Naphthalene	50.0	57.6		ug/L	115%	62 - 141	8104984	10/31/08 11:17
n-Propylbenzene	50.0	58.3		ug/L	117%	80 - 132	8104984	10/31/08 11:17
Styrene	50.0	53.4		ug/L	107%	80 - 139	8104984	10/31/08 11:17
1,1,1,2-Tetrachloroethane	50.0	46.7		ug/L	93%	80 - 135	8104984	10/31/08 11:17
1,1,2,2-Tetrachloroethane	50.0	63.5		ug/L	127%	65 - 145	8104984	10/31/08 11:17
Tetrachloroethene	50.0	48.9		ug/L	98%	80 - 125	8104984	10/31/08 11:17
Toluene	50.0	49.2		ug/L	98%	80 - 125	8104984	10/31/08 11:17
1,2,3-Trichlorobenzene	50.0	60.4		ug/L	121%	57 - 144	8104984	10/31/08 11:17
1,2,4-Trichlorobenzene	50.0	53.0		ug/L	106%	60 - 140	8104984	10/31/08 11:17
1,1,2-Trichloroethane	50.0	51.6		ug/L	103%	80 - 122	8104984	10/31/08 11:17
1,1,1-Trichloroethane	50.0	46.3		ug/L	93%	80 - 131	8104984	10/31/08 11:17
Trichloroethene	50.0	47.0		ug/L	94%	80 - 131	8104984	10/31/08 11:17
Trichlorofluoromethane	50.0	44.4		ug/L	89%	68 - 125	8104984	10/31/08 11:17
1,2,3-Trichloropropane	50.0	54.6		ug/L	109%	60 - 127	8104984	10/31/08 11:17
1,3,5-Trimethylbenzene	50.0	59.3		ug/L	119%	80 - 129	8104984	10/31/08 11:17
1,2,4-Trimethylbenzene	50.0	49.4		ug/L	99%	80 - 128	8104984	10/31/08 11:17
Vinyl chloride	50.0	41.4		ug/L	83%	69 - 120	8104984	10/31/08 11:17
Xylenes, total	150	153		ug/L	102%	80 - 129	8104984	10/31/08 11:17
Surrogate: 1,2-Dichloroethane-d4	30.0	28.3			94%	60 - 140	8104984	10/31/08 11:17
Surrogate: Dibromofluoromethane	30.0	27.6			92%	75 - 124	8104984	10/31/08 11:17
Surrogate: Toluene-d8	30.0	30.5			102%	78 - 121	8104984	10/31/08 11:17
Surrogate: 4-Bromofluorobenzene	30.0	33.6			112%	79 - 124	8104984	10/31/08 11:17
8105295-BS1								
Acetone	250	225		ug/L	90%	62 - 150	8105295	11/04/08 10:39
Benzene	50.0	47.8		ug/L	96%	80 - 137	8105295	11/04/08 10:39

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
8105295-BS1								
Bromobenzene	50.0	49.8		ug/L	100%	74 - 131	8105295	11/04/08 10:39
Bromochloromethane	50.0	46.6		ug/L	93%	80 - 128	8105295	11/04/08 10:39
Bromodichloromethane	50.0	50.1		ug/L	100%	80 - 129	8105295	11/04/08 10:39
Bromoform	50.0	50.3		ug/L	101%	69 - 127	8105295	11/04/08 10:39
Bromomethane	50.0	50.7		ug/L	101%	62 - 148	8105295	11/04/08 10:39
2-Butanone	250	231		ug/L	93%	77 - 141	8105295	11/04/08 10:39
sec-Butylbenzene	50.0	47.1		ug/L	94%	78 - 133	8105295	11/04/08 10:39
n-Butylbenzene	50.0	45.4		ug/L	91%	72 - 136	8105295	11/04/08 10:39
tert-Butylbenzene	50.0	52.4		ug/L	105%	77 - 135	8105295	11/04/08 10:39
Carbon disulfide	50.0	53.5		ug/L	107%	80 - 126	8105295	11/04/08 10:39
Carbon Tetrachloride	50.0	43.8		ug/L	88%	76 - 143	8105295	11/04/08 10:39
Chlorobenzene	50.0	50.2		ug/L	100%	80 - 120	8105295	11/04/08 10:39
Chlorodibromomethane	50.0	48.4		ug/L	97%	76 - 123	8105295	11/04/08 10:39
Chloroethane	50.0	43.9		ug/L	88%	77 - 127	8105295	11/04/08 10:39
Chloroform	50.0	46.3		ug/L	93%	80 - 133	8105295	11/04/08 10:39
Chloromethane	50.0	41.6		ug/L	83%	33 - 125	8105295	11/04/08 10:39
2-Chlorotoluene	50.0	50.9		ug/L	102%	80 - 127	8105295	11/04/08 10:39
4-Chlorotoluene	50.0	53.0		ug/L	106%	80 - 127	8105295	11/04/08 10:39
1,2-Dibromo-3-chloropropane	50.0	51.7		ug/L	103%	60 - 136	8105295	11/04/08 10:39
1,2-Dibromoethane (EDB)	50.0	50.2		ug/L	100%	80 - 125	8105295	11/04/08 10:39
Dibromomethane	50.0	45.1		ug/L	90%	80 - 124	8105295	11/04/08 10:39
1,4-Dichlorobenzene	50.0	48.8		ug/L	98%	80 - 120	8105295	11/04/08 10:39
1,3-Dichlorobenzene	50.0	48.6		ug/L	97%	80 - 123	8105295	11/04/08 10:39
1,2-Dichlorobenzene	50.0	49.9		ug/L	100%	80 - 122	8105295	11/04/08 10:39
Dichlorodifluoromethane	50.0	41.4		ug/L	83%	36 - 120	8105295	11/04/08 10:39
1,1-Dichloroethane	50.0	48.0		ug/L	96%	76 - 130	8105295	11/04/08 10:39
1,2-Dichloroethane	50.0	43.6		ug/L	87%	69 - 136	8105295	11/04/08 10:39
cis-1,2-Dichloroethene	50.0	47.0		ug/L	94%	80 - 129	8105295	11/04/08 10:39
1,1-Dichloroethene	50.0	50.7		ug/L	101%	80 - 127	8105295	11/04/08 10:39
trans-1,2-Dichloroethene	50.0	47.7		ug/L	95%	80 - 131	8105295	11/04/08 10:39
1,3-Dichloropropane	50.0	48.3		ug/L	97%	80 - 122	8105295	11/04/08 10:39
1,2-Dichloropropane	50.0	47.4		ug/L	95%	80 - 120	8105295	11/04/08 10:39
2,2-Dichloropropane	50.0	49.0		ug/L	98%	62 - 142	8105295	11/04/08 10:39
cis-1,3-Dichloropropene	50.0	51.8		ug/L	104%	76 - 135	8105295	11/04/08 10:39
trans-1,3-Dichloropropene	50.0	46.1		ug/L	92%	70 - 137	8105295	11/04/08 10:39
1,1-Dichloropropene	50.0	46.5		ug/L	93%	80 - 127	8105295	11/04/08 10:39
Ethylbenzene	50.0	49.2		ug/L	98%	80 - 128	8105295	11/04/08 10:39
Hexachlorobutadiene	50.0	59.6		ug/L	119%	68 - 148	8105295	11/04/08 10:39
2-Hexanone	250	241		ug/L	96%	69 - 148	8105295	11/04/08 10:39
Isopropylbenzene	50.0	50.2		ug/L	100%	80 - 121	8105295	11/04/08 10:39
p-Isopropyltoluene	50.0	47.9		ug/L	96%	79 - 127	8105295	11/04/08 10:39

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
8105295-BS1								
Methyl tert-Butyl Ether	50.0	48.7		ug/L	97%	70 - 129	8105295	11/04/08 10:39
Methylene Chloride	50.0	45.1		ug/L	90%	76 - 135	8105295	11/04/08 10:39
4-Methyl-2-pentanone	250	241		ug/L	96%	67 - 143	8105295	11/04/08 10:39
Naphthalene	50.0	53.3		ug/L	107%	62 - 141	8105295	11/04/08 10:39
n-Propylbenzene	50.0	50.9		ug/L	102%	80 - 132	8105295	11/04/08 10:39
Styrene	50.0	51.8		ug/L	104%	80 - 139	8105295	11/04/08 10:39
1,1,1,2-Tetrachloroethane	50.0	47.7		ug/L	95%	80 - 135	8105295	11/04/08 10:39
1,1,2,2-Tetrachloroethane	50.0	51.8		ug/L	104%	65 - 145	8105295	11/04/08 10:39
Tetrachloroethene	50.0	51.1		ug/L	102%	80 - 125	8105295	11/04/08 10:39
Toluene	50.0	48.7		ug/L	97%	80 - 125	8105295	11/04/08 10:39
1,2,3-Trichlorobenzene	50.0	56.4		ug/L	113%	57 - 144	8105295	11/04/08 10:39
1,2,4-Trichlorobenzene	50.0	51.2		ug/L	102%	60 - 140	8105295	11/04/08 10:39
1,1,2-Trichloroethane	50.0	49.0		ug/L	98%	80 - 122	8105295	11/04/08 10:39
1,1,1-Trichloroethane	50.0	48.9		ug/L	98%	80 - 131	8105295	11/04/08 10:39
Trichloroethene	50.0	49.0		ug/L	98%	80 - 131	8105295	11/04/08 10:39
Trichlorofluoromethane	50.0	45.0		ug/L	90%	68 - 125	8105295	11/04/08 10:39
1,2,3-Trichloropropane	50.0	52.4		ug/L	105%	60 - 127	8105295	11/04/08 10:39
1,3,5-Trimethylbenzene	50.0	52.1		ug/L	104%	80 - 129	8105295	11/04/08 10:39
1,2,4-Trimethylbenzene	50.0	52.8		ug/L	106%	80 - 128	8105295	11/04/08 10:39
Vinyl chloride	50.0	45.3		ug/L	91%	69 - 120	8105295	11/04/08 10:39
Xylenes, total	150	149		ug/L	99%	80 - 129	8105295	11/04/08 10:39
1,2-Dichloroethene (total)	100	94.7		ug/L	95%	80 - 128	8105295	11/04/08 10:39
Surrogate: 1,2-Dichloroethane-d4	30.0	27.5			92%	60 - 140	8105295	11/04/08 10:39
Surrogate: Dibromofluoromethane	30.0	28.9			96%	75 - 124	8105295	11/04/08 10:39
Surrogate: Toluene-d8	30.0	30.0			100%	78 - 121	8105295	11/04/08 10:39
Surrogate: 4-Bromofluorobenzene	30.0	30.4			101%	79 - 124	8105295	11/04/08 10:39
8105445-BS1								
Acetone	250	224		ug/L	90%	62 - 150	8105445	11/02/08 16:47
Benzene	50.0	45.7		ug/L	91%	80 - 137	8105445	11/02/08 16:47
Bromobenzene	50.0	44.0		ug/L	88%	74 - 131	8105445	11/02/08 16:47
Bromochloromethane	50.0	40.8		ug/L	82%	80 - 128	8105445	11/02/08 16:47
Bromodichloromethane	50.0	51.1		ug/L	102%	80 - 129	8105445	11/02/08 16:47
Bromoform	50.0	52.8		ug/L	106%	69 - 127	8105445	11/02/08 16:47
Bromomethane	50.0	57.8		ug/L	116%	62 - 148	8105445	11/02/08 16:47
2-Butanone	250	230		ug/L	92%	77 - 141	8105445	11/02/08 16:47
sec-Butylbenzene	50.0	46.2		ug/L	92%	78 - 133	8105445	11/02/08 16:47
n-Butylbenzene	50.0	45.9		ug/L	92%	72 - 136	8105445	11/02/08 16:47
tert-Butylbenzene	50.0	45.4		ug/L	91%	77 - 135	8105445	11/02/08 16:47
Carbon disulfide	50.0	52.4		ug/L	105%	80 - 126	8105445	11/02/08 16:47
Carbon Tetrachloride	50.0	43.3		ug/L	87%	76 - 143	8105445	11/02/08 16:47

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
8105445-BS1								
Chlorobenzene	50.0	49.5		ug/L	99%	80 - 120	8105445	11/02/08 16:47
Chlorodibromomethane	50.0	49.2		ug/L	98%	76 - 123	8105445	11/02/08 16:47
Chloroethane	50.0	41.4		ug/L	83%	77 - 127	8105445	11/02/08 16:47
Chloroform	50.0	40.0		ug/L	80%	80 - 133	8105445	11/02/08 16:47
Chloromethane	50.0	46.3		ug/L	93%	33 - 125	8105445	11/02/08 16:47
2-Chlorotoluene	50.0	45.4		ug/L	91%	80 - 127	8105445	11/02/08 16:47
4-Chlorotoluene	50.0	46.7		ug/L	93%	80 - 127	8105445	11/02/08 16:47
1,2-Dibromo-3-chloropropane	50.0	53.6		ug/L	107%	60 - 136	8105445	11/02/08 16:47
1,2-Dibromoethane (EDB)	50.0	52.0		ug/L	104%	80 - 125	8105445	11/02/08 16:47
Dibromomethane	50.0	34.8	L2	ug/L	70%	80 - 124	8105445	11/02/08 16:47
1,4-Dichlorobenzene	50.0	48.2		ug/L	96%	80 - 120	8105445	11/02/08 16:47
1,3-Dichlorobenzene	50.0	47.7		ug/L	95%	80 - 123	8105445	11/02/08 16:47
1,2-Dichlorobenzene	50.0	49.3		ug/L	99%	80 - 122	8105445	11/02/08 16:47
Dichlorodifluoromethane	50.0	50.3		ug/L	101%	36 - 120	8105445	11/02/08 16:47
1,1-Dichloroethane	50.0	45.9		ug/L	92%	76 - 130	8105445	11/02/08 16:47
1,2-Dichloroethane	50.0	41.1		ug/L	82%	69 - 136	8105445	11/02/08 16:47
cis-1,2-Dichloroethene	50.0	46.5		ug/L	93%	80 - 129	8105445	11/02/08 16:47
1,1-Dichloroethene	50.0	47.2		ug/L	94%	80 - 127	8105445	11/02/08 16:47
trans-1,2-Dichloroethene	50.0	45.6		ug/L	91%	80 - 131	8105445	11/02/08 16:47
1,3-Dichloropropane	50.0	48.5		ug/L	97%	80 - 122	8105445	11/02/08 16:47
1,2-Dichloropropane	50.0	44.4		ug/L	89%	80 - 120	8105445	11/02/08 16:47
2,2-Dichloropropane	50.0	47.2		ug/L	94%	62 - 142	8105445	11/02/08 16:47
cis-1,3-Dichloropropene	50.0	53.0		ug/L	106%	76 - 135	8105445	11/02/08 16:47
trans-1,3-Dichloropropene	50.0	45.4		ug/L	91%	70 - 137	8105445	11/02/08 16:47
1,1-Dichloropropene	50.0	45.2		ug/L	90%	80 - 127	8105445	11/02/08 16:47
Ethylbenzene	50.0	49.9		ug/L	100%	80 - 128	8105445	11/02/08 16:47
Hexachlorobutadiene	50.0	51.1		ug/L	102%	68 - 148	8105445	11/02/08 16:47
2-Hexanone	250	254		ug/L	102%	69 - 148	8105445	11/02/08 16:47
Isopropylbenzene	50.0	48.8		ug/L	98%	80 - 121	8105445	11/02/08 16:47
p-Isopropyltoluene	50.0	45.1		ug/L	90%	79 - 127	8105445	11/02/08 16:47
Methyl tert-Butyl Ether	50.0	48.0		ug/L	96%	70 - 129	8105445	11/02/08 16:47
Methylene Chloride	50.0	43.2		ug/L	86%	76 - 135	8105445	11/02/08 16:47
4-Methyl-2-pentanone	250	246		ug/L	98%	67 - 143	8105445	11/02/08 16:47
Naphthalene	50.0	46.2		ug/L	92%	62 - 141	8105445	11/02/08 16:47
n-Propylbenzene	50.0	44.1		ug/L	88%	80 - 132	8105445	11/02/08 16:47
Styrene	50.0	54.1		ug/L	108%	80 - 139	8105445	11/02/08 16:47
1,1,1,2-Tetrachloroethane	50.0	48.6		ug/L	97%	80 - 135	8105445	11/02/08 16:47
1,1,2,2-Tetrachloroethane	50.0	45.9		ug/L	92%	65 - 145	8105445	11/02/08 16:47
Tetrachloroethene	50.0	50.2		ug/L	100%	80 - 125	8105445	11/02/08 16:47
Toluene	50.0	48.2		ug/L	96%	80 - 125	8105445	11/02/08 16:47
1,2,3-Trichlorobenzene	50.0	45.8		ug/L	92%	57 - 144	8105445	11/02/08 16:47

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
8105445-BS1								
1,2,4-Trichlorobenzene	50.0	43.2		ug/L	86%	60 - 140	8105445	11/02/08 16:47
1,1,2-Trichloroethane	50.0	50.6		ug/L	101%	80 - 122	8105445	11/02/08 16:47
1,1,1-Trichloroethane	50.0	47.7		ug/L	95%	80 - 131	8105445	11/02/08 16:47
Trichloroethene	50.0	48.2		ug/L	96%	80 - 131	8105445	11/02/08 16:47
Trichlorofluoromethane	50.0	40.2		ug/L	80%	68 - 125	8105445	11/02/08 16:47
1,2,3-Trichloropropane	50.0	43.7		ug/L	87%	60 - 127	8105445	11/02/08 16:47
1,3,5-Trimethylbenzene	50.0	46.0		ug/L	92%	80 - 129	8105445	11/02/08 16:47
1,2,4-Trimethylbenzene	50.0	46.6		ug/L	93%	80 - 128	8105445	11/02/08 16:47
Vinyl chloride	50.0	42.6		ug/L	85%	69 - 120	8105445	11/02/08 16:47
Xylenes, total	150	150		ug/L	100%	80 - 129	8105445	11/02/08 16:47
1,2-Dichloroethene (total)	100	92.2		ug/L	92%	80 - 128	8105445	11/02/08 16:47
Surrogate: 1,2-Dichloroethane-d4	30.0	26.5			88%	60 - 140	8105445	11/02/08 16:47
Surrogate: Dibromofluoromethane	30.0	25.4			84%	75 - 124	8105445	11/02/08 16:47
Surrogate: Toluene-d8	30.0	30.6			102%	78 - 121	8105445	11/02/08 16:47
Surrogate: 4-Bromofluorobenzene	30.0	26.8			89%	79 - 124	8105445	11/02/08 16:47
8110401-BS1								
Acetone	250	299		ug/L	120%	62 - 150	8110401	11/01/08 11:07
Benzene	50.0	54.2		ug/L	108%	80 - 137	8110401	11/01/08 11:07
Bromobenzene	50.0	50.6		ug/L	101%	74 - 131	8110401	11/01/08 11:07
Bromochloromethane	50.0	55.2		ug/L	110%	80 - 128	8110401	11/01/08 11:07
Bromodichloromethane	50.0	58.7		ug/L	117%	80 - 129	8110401	11/01/08 11:07
Bromoform	50.0	49.9		ug/L	100%	69 - 127	8110401	11/01/08 11:07
Bromomethane	50.0	47.3		ug/L	95%	62 - 148	8110401	11/01/08 11:07
2-Butanone	250	281		ug/L	113%	77 - 141	8110401	11/01/08 11:07
sec-Butylbenzene	50.0	57.3		ug/L	115%	78 - 133	8110401	11/01/08 11:07
n-Butylbenzene	50.0	58.5		ug/L	117%	72 - 136	8110401	11/01/08 11:07
tert-Butylbenzene	50.0	57.4		ug/L	115%	77 - 135	8110401	11/01/08 11:07
Carbon disulfide	50.0	60.9		ug/L	122%	80 - 126	8110401	11/01/08 11:07
Carbon Tetrachloride	50.0	58.1		ug/L	116%	76 - 143	8110401	11/01/08 11:07
Chlorobenzene	50.0	53.2		ug/L	106%	80 - 120	8110401	11/01/08 11:07
Chlorodibromomethane	50.0	53.6		ug/L	107%	76 - 123	8110401	11/01/08 11:07
Chloroethane	50.0	52.3		ug/L	105%	77 - 127	8110401	11/01/08 11:07
Chloroform	50.0	54.9		ug/L	110%	80 - 133	8110401	11/01/08 11:07
Chloromethane	50.0	50.1		ug/L	100%	33 - 125	8110401	11/01/08 11:07
2-Chlorotoluene	50.0	53.0		ug/L	106%	80 - 127	8110401	11/01/08 11:07
4-Chlorotoluene	50.0	53.0		ug/L	106%	80 - 127	8110401	11/01/08 11:07
1,2-Dibromo-3-chloropropane	50.0	47.2		ug/L	94%	60 - 136	8110401	11/01/08 11:07
1,2-Dibromoethane (EDB)	50.0	63.0	L	ug/L	126%	80 - 125	8110401	11/01/08 11:07
Dibromomethane	50.0	56.4		ug/L	113%	80 - 124	8110401	11/01/08 11:07
1,4-Dichlorobenzene	50.0	49.0		ug/L	98%	80 - 120	8110401	11/01/08 11:07

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
8110401-BS1								
1,3-Dichlorobenzene	50.0	52.8		ug/L	106%	80 - 123	8110401	11/01/08 11:07
1,2-Dichlorobenzene	50.0	52.9		ug/L	106%	80 - 122	8110401	11/01/08 11:07
Dichlorodifluoromethane	50.0	51.0		ug/L	102%	36 - 120	8110401	11/01/08 11:07
1,1-Dichloroethane	50.0	54.2		ug/L	108%	76 - 130	8110401	11/01/08 11:07
1,2-Dichloroethane	50.0	54.1		ug/L	108%	69 - 136	8110401	11/01/08 11:07
cis-1,2-Dichloroethene	50.0	56.0		ug/L	112%	80 - 129	8110401	11/01/08 11:07
1,1-Dichloroethene	50.0	54.2		ug/L	108%	80 - 127	8110401	11/01/08 11:07
trans-1,2-Dichloroethene	50.0	54.9		ug/L	110%	80 - 131	8110401	11/01/08 11:07
1,3-Dichloropropane	50.0	56.1		ug/L	112%	80 - 122	8110401	11/01/08 11:07
1,2-Dichloropropane	50.0	51.9		ug/L	104%	80 - 120	8110401	11/01/08 11:07
2,2-Dichloropropane	50.0	59.9		ug/L	120%	62 - 142	8110401	11/01/08 11:07
cis-1,3-Dichloropropene	50.0	51.7		ug/L	103%	76 - 135	8110401	11/01/08 11:07
trans-1,3-Dichloropropene	50.0	49.5		ug/L	99%	70 - 137	8110401	11/01/08 11:07
1,1-Dichloropropene	50.0	54.4		ug/L	109%	80 - 127	8110401	11/01/08 11:07
Ethylbenzene	50.0	56.8		ug/L	114%	80 - 128	8110401	11/01/08 11:07
Hexachlorobutadiene	50.0	53.0		ug/L	106%	68 - 148	8110401	11/01/08 11:07
2-Hexanone	250	289		ug/L	116%	69 - 148	8110401	11/01/08 11:07
Isopropylbenzene	50.0	58.2		ug/L	116%	80 - 121	8110401	11/01/08 11:07
p-Isopropyltoluene	50.0	47.9		ug/L	96%	79 - 127	8110401	11/01/08 11:07
Methyl tert-Butyl Ether	50.0	49.2		ug/L	98%	70 - 129	8110401	11/01/08 11:07
Methylene Chloride	50.0	52.0		ug/L	104%	76 - 135	8110401	11/01/08 11:07
4-Methyl-2-pentanone	250	288		ug/L	115%	67 - 143	8110401	11/01/08 11:07
Naphthalene	50.0	48.7		ug/L	97%	62 - 141	8110401	11/01/08 11:07
n-Propylbenzene	50.0	54.1		ug/L	108%	80 - 132	8110401	11/01/08 11:07
Styrene	50.0	52.0		ug/L	104%	80 - 139	8110401	11/01/08 11:07
1,1,1,2-Tetrachloroethane	50.0	60.3		ug/L	121%	80 - 135	8110401	11/01/08 11:07
1,1,2,2-Tetrachloroethane	50.0	50.9		ug/L	102%	65 - 145	8110401	11/01/08 11:07
Tetrachloroethene	50.0	55.3		ug/L	111%	80 - 125	8110401	11/01/08 11:07
Toluene	50.0	54.8		ug/L	110%	80 - 125	8110401	11/01/08 11:07
1,2,3-Trichlorobenzene	50.0	56.0		ug/L	112%	57 - 144	8110401	11/01/08 11:07
1,2,4-Trichlorobenzene	50.0	56.0		ug/L	112%	60 - 140	8110401	11/01/08 11:07
1,1,2-Trichloroethane	50.0	57.8		ug/L	116%	80 - 122	8110401	11/01/08 11:07
1,1,1-Trichloroethane	50.0	56.5		ug/L	113%	80 - 131	8110401	11/01/08 11:07
Trichloroethene	50.0	56.0		ug/L	112%	80 - 131	8110401	11/01/08 11:07
Trichlorofluoromethane	50.0	46.9		ug/L	94%	68 - 125	8110401	11/01/08 11:07
1,2,3-Trichloropropane	50.0	47.3		ug/L	95%	60 - 127	8110401	11/01/08 11:07
1,3,5-Trimethylbenzene	50.0	55.6		ug/L	111%	80 - 129	8110401	11/01/08 11:07
1,2,4-Trimethylbenzene	50.0	57.5		ug/L	115%	80 - 128	8110401	11/01/08 11:07
Vinyl chloride	50.0	50.9		ug/L	102%	69 - 120	8110401	11/01/08 11:07
Xylenes, total	150	171		ug/L	114%	80 - 129	8110401	11/01/08 11:07
Surrogate: 1,2-Dichloroethane-d4	25.0	26.1			104%	60 - 140	8110401	11/01/08 11:07

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
8110401-BS1								
Surrogate: Dibromofluoromethane	25.0	26.0			104%	75 - 124	8110401	11/01/08 11:07
Surrogate: Toluene-d8	25.0	25.9			104%	78 - 121	8110401	11/01/08 11:07
Surrogate: 4-Bromofluorobenzene	25.0	24.3			97%	79 - 124	8110401	11/01/08 11:07

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
8104984-BSD1												
Acetone		259		ug/L	250	104%	62 - 150	3	29	8104984		10/31/08 11:43
Benzene		45.3		ug/L	50.0	91%	80 - 137	1	23	8104984		10/31/08 11:43
Bromobenzene		45.6	R	ug/L	50.0	91%	74 - 131	22	18	8104984		10/31/08 11:43
Bromochloromethane		44.8		ug/L	50.0	90%	80 - 128	1	18	8104984		10/31/08 11:43
Bromodichloromethane		47.3		ug/L	50.0	95%	80 - 129	2	18	8104984		10/31/08 11:43
Bromoform		49.8		ug/L	50.0	100%	69 - 127	5	24	8104984		10/31/08 11:43
Bromomethane		60.9		ug/L	50.0	122%	62 - 148	0.8	45	8104984		10/31/08 11:43
2-Butanone		265		ug/L	250	106%	77 - 141	3	36	8104984		10/31/08 11:43
sec-Butylbenzene		48.0		ug/L	50.0	96%	78 - 133	4	17	8104984		10/31/08 11:43
n-Butylbenzene		40.3	R	ug/L	50.0	81%	72 - 136	26	18	8104984		10/31/08 11:43
tert-Butylbenzene		47.8		ug/L	50.0	96%	77 - 135	0.7	17	8104984		10/31/08 11:43
Carbon disulfide		50.6		ug/L	50.0	101%	80 - 126	0.7	16	8104984		10/31/08 11:43
Carbon Tetrachloride		41.7		ug/L	50.0	83%	76 - 143	0.3	29	8104984		10/31/08 11:43
Chlorobenzene		50.7		ug/L	50.0	101%	80 - 120	2	27	8104984		10/31/08 11:43
Chlorodibromomethane		47.8		ug/L	50.0	96%	76 - 123	1	21	8104984		10/31/08 11:43
Chloroethane		45.8		ug/L	50.0	92%	77 - 127	1	32	8104984		10/31/08 11:43
Chloroform		42.2		ug/L	50.0	84%	80 - 133	0.02	28	8104984		10/31/08 11:43
Chloromethane		35.3		ug/L	50.0	71%	33 - 125	0.1	21	8104984		10/31/08 11:43
2-Chlorotoluene		46.8	R	ug/L	50.0	94%	80 - 127	22	16	8104984		10/31/08 11:43
4-Chlorotoluene		46.9	R	ug/L	50.0	94%	80 - 127	22	17	8104984		10/31/08 11:43
1,2-Dibromo-3-chloropropane		45.6		ug/L	50.0	91%	60 - 136	17	29	8104984		10/31/08 11:43
1,2-Dibromoethane (EDB)		54.6		ug/L	50.0	109%	80 - 125	4	21	8104984		10/31/08 11:43
Dibromomethane		42.3		ug/L	50.0	85%	80 - 124	0.4	20	8104984		10/31/08 11:43
1,4-Dichlorobenzene		47.9		ug/L	50.0	96%	80 - 120	2	19	8104984		10/31/08 11:43
1,3-Dichlorobenzene		49.2		ug/L	50.0	98%	80 - 123	3	18	8104984		10/31/08 11:43
1,2-Dichlorobenzene		40.3		ug/L	50.0	81%	80 - 122	23	23	8104984		10/31/08 11:43
Dichlorodifluoromethane		36.4		ug/L	50.0	73%	36 - 120	0.5	14	8104984		10/31/08 11:43
1,1-Dichloroethane		45.1		ug/L	50.0	90%	76 - 130	0.8	15	8104984		10/31/08 11:43
1,2-Dichloroethane		42.3		ug/L	50.0	85%	69 - 136	0.8	26	8104984		10/31/08 11:43
cis-1,2-Dichloroethene		45.0		ug/L	50.0	90%	80 - 129	1	14	8104984		10/31/08 11:43
1,1-Dichloroethene		48.4		ug/L	50.0	97%	80 - 127	2	26	8104984		10/31/08 11:43
trans-1,2-Dichloroethene		44.7		ug/L	50.0	89%	80 - 131	0.2	14	8104984		10/31/08 11:43
1,3-Dichloropropane		51.9		ug/L	50.0	104%	80 - 122	4	21	8104984		10/31/08 11:43
1,2-Dichloropropane		42.2		ug/L	50.0	84%	80 - 120	1	16	8104984		10/31/08 11:43
2,2-Dichloropropane		45.2		ug/L	50.0	90%	62 - 142	2	14	8104984		10/31/08 11:43
cis-1,3-Dichloropropene		53.5		ug/L	50.0	107%	76 - 135	2	19	8104984		10/31/08 11:43
trans-1,3-Dichloropropene		46.8		ug/L	50.0	94%	70 - 137	2	20	8104984		10/31/08 11:43
1,1-Dichloropropene		45.0		ug/L	50.0	90%	80 - 127	1	14	8104984		10/31/08 11:43
Ethylbenzene		50.7		ug/L	50.0	101%	80 - 128	0.8	17	8104984		10/31/08 11:43
Hexachlorobutadiene		48.1		ug/L	50.0	96%	68 - 148	24	34	8104984		10/31/08 11:43
2-Hexanone		285		ug/L	250	114%	69 - 148	4	34	8104984		10/31/08 11:43

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
8104984-BSD1												
Isopropylbenzene		48.2		ug/L	50.0	96%	80 - 121	0.2	18	8104984		10/31/08 11:43
p-Isopropyltoluene		48.1		ug/L	50.0	96%	79 - 127	4	17	8104984		10/31/08 11:43
Methyl tert-Butyl Ether		49.6		ug/L	50.0	99%	70 - 129	4	32	8104984		10/31/08 11:43
Methylene Chloride		43.1		ug/L	50.0	86%	76 - 135	0.3	18	8104984		10/31/08 11:43
4-Methyl-2-pentanone		285		ug/L	250	114%	67 - 143	5	31	8104984		10/31/08 11:43
Naphthalene		48.1		ug/L	50.0	96%	62 - 141	18	39	8104984		10/31/08 11:43
n-Propylbenzene		46.6	R	ug/L	50.0	93%	80 - 132	22	17	8104984		10/31/08 11:43
Styrene		53.8		ug/L	50.0	108%	80 - 139	0.8	16	8104984		10/31/08 11:43
1,1,1,2-Tetrachloroethane		47.6		ug/L	50.0	95%	80 - 135	2	17	8104984		10/31/08 11:43
1,1,2,2-Tetrachloroethane		51.7		ug/L	50.0	103%	65 - 145	21	28	8104984		10/31/08 11:43
Tetrachloroethene		50.4		ug/L	50.0	101%	80 - 125	3	27	8104984		10/31/08 11:43
Toluene		49.4		ug/L	50.0	99%	80 - 125	0.5	19	8104984		10/31/08 11:43
1,2,3-Trichlorobenzene		49.0		ug/L	50.0	98%	57 - 144	21	31	8104984		10/31/08 11:43
1,2,4-Trichlorobenzene		42.2		ug/L	50.0	84%	60 - 140	23	26	8104984		10/31/08 11:43
1,1,2-Trichloroethane		53.3		ug/L	50.0	107%	80 - 122	3	21	8104984		10/31/08 11:43
1,1,1-Trichloroethane		45.8		ug/L	50.0	92%	80 - 131	1	16	8104984		10/31/08 11:43
Trichloroethene		46.4		ug/L	50.0	93%	80 - 131	1	28	8104984		10/31/08 11:43
Trichlorofluoromethane		45.4		ug/L	50.0	91%	68 - 125	2	20	8104984		10/31/08 11:43
1,2,3-Trichloropropane		44.6		ug/L	50.0	89%	60 - 127	20	26	8104984		10/31/08 11:43
1,3,5-Trimethylbenzene		47.6	R	ug/L	50.0	95%	80 - 129	22	16	8104984		10/31/08 11:43
1,2,4-Trimethylbenzene		47.9		ug/L	50.0	96%	80 - 128	3	22	8104984		10/31/08 11:43
Vinyl chloride		41.6		ug/L	50.0	83%	69 - 120	0.5	26	8104984		10/31/08 11:43
Xylenes, total		153		ug/L	150	102%	80 - 129	0.2	18	8104984		10/31/08 11:43
Surrogate: 1,2-Dichloroethane-d4		28.3		ug/L	30.0	94%	60 - 140			8104984		10/31/08 11:43
Surrogate: Dibromofluoromethane		28.2		ug/L	30.0	94%	75 - 124			8104984		10/31/08 11:43
Surrogate: Toluene-d8		31.8		ug/L	30.0	106%	78 - 121			8104984		10/31/08 11:43
Surrogate: 4-Bromofluorobenzene		26.3		ug/L	30.0	88%	79 - 124			8104984		10/31/08 11:43
8105295-BSD1												
Acetone		234		ug/L	250	93%	62 - 150	4	29	8105295		11/04/08 11:04
Benzene		48.1		ug/L	50.0	96%	80 - 137	0.6	23	8105295		11/04/08 11:04
Bromobenzene		44.4		ug/L	50.0	89%	74 - 131	11	18	8105295		11/04/08 11:04
Bromochloromethane		47.7		ug/L	50.0	95%	80 - 128	2	18	8105295		11/04/08 11:04
Bromodichloromethane		51.0		ug/L	50.0	102%	80 - 129	2	18	8105295		11/04/08 11:04
Bromoform		50.9		ug/L	50.0	102%	69 - 127	1	24	8105295		11/04/08 11:04
Bromomethane		48.4		ug/L	50.0	97%	62 - 148	5	45	8105295		11/04/08 11:04
2-Butanone		237		ug/L	250	95%	77 - 141	2	36	8105295		11/04/08 11:04
sec-Butylbenzene		46.4		ug/L	50.0	93%	78 - 133	2	17	8105295		11/04/08 11:04
n-Butylbenzene		41.9		ug/L	50.0	84%	72 - 136	8	18	8105295		11/04/08 11:04
tert-Butylbenzene		47.4		ug/L	50.0	95%	77 - 135	10	17	8105295		11/04/08 11:04
Carbon disulfide		53.4		ug/L	50.0	107%	80 - 126	0.09	16	8105295		11/04/08 11:04

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
8105295-BSD1												
Carbon Tetrachloride		44.6		ug/L	50.0	89%	76 - 143	2	29	8105295		11/04/08 11:04
Chlorobenzene		51.8		ug/L	50.0	104%	80 - 120	3	27	8105295		11/04/08 11:04
Chlorodibromomethane		48.4		ug/L	50.0	97%	76 - 123	0	21	8105295		11/04/08 11:04
Chloroethane		44.6		ug/L	50.0	89%	77 - 127	2	32	8105295		11/04/08 11:04
Chloroform		45.6		ug/L	50.0	91%	80 - 133	2	28	8105295		11/04/08 11:04
Chloromethane		39.0		ug/L	50.0	78%	33 - 125	6	21	8105295		11/04/08 11:04
2-Chlorotoluene		45.4		ug/L	50.0	91%	80 - 127	11	16	8105295		11/04/08 11:04
4-Chlorotoluene		46.5		ug/L	50.0	93%	80 - 127	13	17	8105295		11/04/08 11:04
1,2-Dibromo-3-chloropropane		45.5		ug/L	50.0	91%	60 - 136	13	29	8105295		11/04/08 11:04
1,2-Dibromoethane (EDB)		52.2		ug/L	50.0	104%	80 - 125	4	21	8105295		11/04/08 11:04
Dibromomethane		47.0		ug/L	50.0	94%	80 - 124	4	20	8105295		11/04/08 11:04
1,4-Dichlorobenzene		47.8		ug/L	50.0	96%	80 - 120	2	19	8105295		11/04/08 11:04
1,3-Dichlorobenzene		48.2		ug/L	50.0	96%	80 - 123	0.7	18	8105295		11/04/08 11:04
1,2-Dichlorobenzene		44.0		ug/L	50.0	88%	80 - 122	13	23	8105295		11/04/08 11:04
Dichlorodifluoromethane		39.8		ug/L	50.0	80%	36 - 120	4	14	8105295		11/04/08 11:04
1,1-Dichloroethane		48.1		ug/L	50.0	96%	76 - 130	0.3	15	8105295		11/04/08 11:04
1,2-Dichloroethane		43.7		ug/L	50.0	87%	69 - 136	0.09	26	8105295		11/04/08 11:04
cis-1,2-Dichloroethene		47.9		ug/L	50.0	96%	80 - 129	2	14	8105295		11/04/08 11:04
1,1-Dichloroethene		50.7		ug/L	50.0	101%	80 - 127	0.04	26	8105295		11/04/08 11:04
trans-1,2-Dichloroethene		47.9		ug/L	50.0	96%	80 - 131	0.3	14	8105295		11/04/08 11:04
1,3-Dichloropropane		49.5		ug/L	50.0	99%	80 - 122	3	21	8105295		11/04/08 11:04
1,2-Dichloropropane		45.6		ug/L	50.0	91%	80 - 120	4	16	8105295		11/04/08 11:04
2,2-Dichloropropane		49.2		ug/L	50.0	98%	62 - 142	0.5	14	8105295		11/04/08 11:04
cis-1,3-Dichloropropene		53.7		ug/L	50.0	107%	76 - 135	4	19	8105295		11/04/08 11:04
trans-1,3-Dichloropropene		46.0		ug/L	50.0	92%	70 - 137	0.09	20	8105295		11/04/08 11:04
1,1-Dichloropropene		47.6		ug/L	50.0	95%	80 - 127	2	14	8105295		11/04/08 11:04
Ethylbenzene		50.8		ug/L	50.0	102%	80 - 128	3	17	8105295		11/04/08 11:04
Hexachlorobutadiene		52.7		ug/L	50.0	105%	68 - 148	12	34	8105295		11/04/08 11:04
2-Hexanone		247		ug/L	250	99%	69 - 148	2	34	8105295		11/04/08 11:04
Isopropylbenzene		49.2		ug/L	50.0	98%	80 - 121	2	18	8105295		11/04/08 11:04
p-Isopropyltoluene		46.2		ug/L	50.0	92%	79 - 127	4	17	8105295		11/04/08 11:04
Methyl tert-Butyl Ether		49.6		ug/L	50.0	99%	70 - 129	2	32	8105295		11/04/08 11:04
Methylene Chloride		45.3		ug/L	50.0	91%	76 - 135	0.4	18	8105295		11/04/08 11:04
4-Methyl-2-pentanone		245		ug/L	250	98%	67 - 143	2	31	8105295		11/04/08 11:04
Naphthalene		47.4		ug/L	50.0	95%	62 - 141	12	39	8105295		11/04/08 11:04
n-Propylbenzene		44.6		ug/L	50.0	89%	80 - 132	13	17	8105295		11/04/08 11:04
Styrene		55.0		ug/L	50.0	110%	80 - 139	6	16	8105295		11/04/08 11:04
1,1,1,2-Tetrachloroethane		48.5		ug/L	50.0	97%	80 - 135	1	17	8105295		11/04/08 11:04
1,1,2,2-Tetrachloroethane		45.4		ug/L	50.0	91%	65 - 145	13	28	8105295		11/04/08 11:04
Tetrachloroethene		52.8		ug/L	50.0	106%	80 - 125	3	27	8105295		11/04/08 11:04
Toluene		49.6		ug/L	50.0	99%	80 - 125	2	19	8105295		11/04/08 11:04

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
8105295-BSD1												
1,2,3-Trichlorobenzene		49.5		ug/L	50.0	99%	57 - 144	13	31	8105295		11/04/08 11:04
1,2,4-Trichlorobenzene		45.9		ug/L	50.0	92%	60 - 140	11	26	8105295		11/04/08 11:04
1,1,2-Trichloroethane		51.6		ug/L	50.0	103%	80 - 122	5	21	8105295		11/04/08 11:04
1,1,1-Trichloroethane		49.6		ug/L	50.0	99%	80 - 131	1	16	8105295		11/04/08 11:04
Trichloroethene		51.4		ug/L	50.0	103%	80 - 131	5	28	8105295		11/04/08 11:04
Trichlorofluoromethane		41.6		ug/L	50.0	83%	68 - 125	8	20	8105295		11/04/08 11:04
1,2,3-Trichloropropane		43.2		ug/L	50.0	86%	60 - 127	19	26	8105295		11/04/08 11:04
1,3,5-Trimethylbenzene		46.5		ug/L	50.0	93%	80 - 129	11	16	8105295		11/04/08 11:04
1,2,4-Trimethylbenzene		47.5		ug/L	50.0	95%	80 - 128	11	22	8105295		11/04/08 11:04
Vinyl chloride		44.0		ug/L	50.0	88%	69 - 120	3	26	8105295		11/04/08 11:04
Xylenes, total		151		ug/L	150	101%	80 - 129	2	18	8105295		11/04/08 11:04
1,2-Dichloroethene (total)		95.8		ug/L	100	96%	80 - 128	1	12	8105295		11/04/08 11:04
Surrogate: 1,2-Dichloroethane-d4		27.1		ug/L	30.0	90%	60 - 140			8105295		11/04/08 11:04
Surrogate: Dibromofluoromethane		28.8		ug/L	30.0	96%	75 - 124			8105295		11/04/08 11:04
Surrogate: Toluene-d8		31.0		ug/L	30.0	103%	78 - 121			8105295		11/04/08 11:04
Surrogate: 4-Bromofluorobenzene		26.2		ug/L	30.0	87%	79 - 124			8105295		11/04/08 11:04
8105445-BSD1												
Acetone		255	MNR1	ug/L	250	102%	62 - 150	13	29	8105445		11/02/08 17:13
Benzene		47.9	MNR1	ug/L	50.0	96%	80 - 137	5	23	8105445		11/02/08 17:13
Bromobenzene		53.5	MNR1,	ug/L	50.0	107%	74 - 131	19	18	8105445		11/02/08 17:13
Bromochloromethane		46.6	MNR1	ug/L	50.0	93%	80 - 128	13	18	8105445		11/02/08 17:13
Bromodichloromethane		52.4	MNR1	ug/L	50.0	105%	80 - 129	2	18	8105445		11/02/08 17:13
Bromoform		55.3	MNR1	ug/L	50.0	111%	69 - 127	5	24	8105445		11/02/08 17:13
Bromomethane		50.1	MNR1	ug/L	50.0	100%	62 - 148	14	45	8105445		11/02/08 17:13
2-Butanone		254	MNR1	ug/L	250	101%	77 - 141	10	36	8105445		11/02/08 17:13
sec-Butylbenzene		50.4	MNR1	ug/L	50.0	101%	78 - 133	9	17	8105445		11/02/08 17:13
n-Butylbenzene		49.7	MNR1	ug/L	50.0	99%	72 - 136	8	18	8105445		11/02/08 17:13
tert-Butylbenzene		55.7	MNR1,	ug/L	50.0	111%	77 - 135	21	17	8105445		11/02/08 17:13
Carbon disulfide		51.8	MNR1	ug/L	50.0	104%	80 - 126	1	16	8105445		11/02/08 17:13
Carbon Tetrachloride		43.8	MNR1	ug/L	50.0	88%	76 - 143	1	29	8105445		11/02/08 17:13
Chlorobenzene		52.2	MNR1	ug/L	50.0	104%	80 - 120	5	27	8105445		11/02/08 17:13
Chlorodibromomethane		50.9	MNR1	ug/L	50.0	102%	76 - 123	3	21	8105445		11/02/08 17:13
Chloroethane		42.3	MNR1	ug/L	50.0	85%	77 - 127	2	32	8105445		11/02/08 17:13
Chloroform		44.1	MNR1	ug/L	50.0	88%	80 - 133	10	28	8105445		11/02/08 17:13
Chloromethane		43.9	MNR1	ug/L	50.0	88%	33 - 125	5	21	8105445		11/02/08 17:13
2-Chlorotoluene		54.5	MNR1,	ug/L	50.0	109%	80 - 127	18	16	8105445		11/02/08 17:13
4-Chlorotoluene		55.5	MNR1	ug/L	50.0	111%	80 - 127	17	17	8105445		11/02/08 17:13
1,2-Dibromo-3-chloropropane		61.4	MNR1	ug/L	50.0	123%	60 - 136	14	29	8105445		11/02/08 17:13
1,2-Dibromoethane (EDB)		55.5	MNR1	ug/L	50.0	111%	80 - 125	6	21	8105445		11/02/08 17:13
Dibromomethane		45.4	MNR1,	ug/L	50.0	91%	80 - 124	26	20	8105445		11/02/08 17:13

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
8105445-BSD1												
1,4-Dichlorobenzene		52.8	MNR1	ug/L	50.0	106%	80 - 120	9	19	8105445		11/02/08 17:13
1,3-Dichlorobenzene		52.2	MNR1	ug/L	50.0	104%	80 - 123	9	18	8105445		11/02/08 17:13
1,2-Dichlorobenzene		53.5	MNR1	ug/L	50.0	107%	80 - 122	8	23	8105445		11/02/08 17:13
Dichlorodifluoromethane		41.6	MNR1,	ug/L	50.0	83%	36 - 120	19	14	8105445		11/02/08 17:13
1,1-Dichloroethane		47.6	MNR1	ug/L	50.0	95%	76 - 130	4	15	8105445		11/02/08 17:13
1,2-Dichloroethane		44.6	MNR1	ug/L	50.0	89%	69 - 136	8	26	8105445		11/02/08 17:13
cis-1,2-Dichloroethene		47.9	MNR1	ug/L	50.0	96%	80 - 129	3	14	8105445		11/02/08 17:13
1,1-Dichloroethene		47.9	MNR1	ug/L	50.0	96%	80 - 127	2	26	8105445		11/02/08 17:13
trans-1,2-Dichloroethene		47.0	MNR1	ug/L	50.0	94%	80 - 131	3	14	8105445		11/02/08 17:13
1,3-Dichloropropane		51.9	MNR1	ug/L	50.0	104%	80 - 122	7	21	8105445		11/02/08 17:13
1,2-Dichloropropane		45.9	MNR1	ug/L	50.0	92%	80 - 120	3	16	8105445		11/02/08 17:13
2,2-Dichloropropane		45.2	MNR1	ug/L	50.0	90%	62 - 142	4	14	8105445		11/02/08 17:13
cis-1,3-Dichloropropene		54.7	MNR1	ug/L	50.0	109%	76 - 135	3	19	8105445		11/02/08 17:13
trans-1,3-Dichloropropene		47.0	MNR1	ug/L	50.0	94%	70 - 137	3	20	8105445		11/02/08 17:13
1,1-Dichloropropene		46.8	MNR1	ug/L	50.0	94%	80 - 127	3	14	8105445		11/02/08 17:13
Ethylbenzene		51.3	MNR1	ug/L	50.0	103%	80 - 128	3	17	8105445		11/02/08 17:13
Hexachlorobutadiene		64.3	MNR1	ug/L	50.0	129%	68 - 148	23	34	8105445		11/02/08 17:13
2-Hexanone		279	MNR1	ug/L	250	112%	69 - 148	9	34	8105445		11/02/08 17:13
Isopropylbenzene		49.9	MNR1	ug/L	50.0	100%	80 - 121	2	18	8105445		11/02/08 17:13
p-Isopropyltoluene		50.1	MNR1	ug/L	50.0	100%	79 - 127	11	17	8105445		11/02/08 17:13
Methyl tert-Butyl Ether		51.2	MNR1	ug/L	50.0	102%	70 - 129	6	32	8105445		11/02/08 17:13
Methylene Chloride		45.3	MNR1	ug/L	50.0	91%	76 - 135	5	18	8105445		11/02/08 17:13
4-Methyl-2-pentanone		273	MNR1	ug/L	250	109%	67 - 143	10	31	8105445		11/02/08 17:13
Naphthalene		60.7	MNR1	ug/L	50.0	121%	62 - 141	27	39	8105445		11/02/08 17:13
n-Propylbenzene		53.0	R,	ug/L	50.0	106%	80 - 132	18	17	8105445		11/02/08 17:13
Styrene		56.3	MNR1	ug/L	50.0	113%	80 - 139	4	16	8105445		11/02/08 17:13
1,1,1,2-Tetrachloroethane		50.0	MNR1	ug/L	50.0	100%	80 - 135	3	17	8105445		11/02/08 17:13
1,1,2,2-Tetrachloroethane		56.4	MNR1	ug/L	50.0	113%	65 - 145	21	28	8105445		11/02/08 17:13
Tetrachloroethene		52.5	MNR1	ug/L	50.0	105%	80 - 125	4	27	8105445		11/02/08 17:13
Toluene		50.7	MNR1	ug/L	50.0	101%	80 - 125	5	19	8105445		11/02/08 17:13
1,2,3-Trichlorobenzene		61.6	MNR1	ug/L	50.0	123%	57 - 144	29	31	8105445		11/02/08 17:13
1,2,4-Trichlorobenzene		56.3	MNR1	ug/L	50.0	113%	60 - 140	26	26	8105445		11/02/08 17:13
1,1,2-Trichloroethane		54.4	MNR1	ug/L	50.0	109%	80 - 122	7	21	8105445		11/02/08 17:13
1,1,1-Trichloroethane		49.3	MNR1	ug/L	50.0	99%	80 - 131	3	16	8105445		11/02/08 17:13
Trichloroethene		51.1	MNR1	ug/L	50.0	102%	80 - 131	6	28	8105445		11/02/08 17:13
Trichlorofluoromethane		40.4	MNR1	ug/L	50.0	81%	68 - 125	0.4	20	8105445		11/02/08 17:13
1,2,3-Trichloropropane		53.9	MNR1	ug/L	50.0	108%	60 - 127	21	26	8105445		11/02/08 17:13
1,3,5-Trimethylbenzene		55.8	MNR1,	ug/L	50.0	112%	80 - 129	19	16	8105445		11/02/08 17:13
1,2,4-Trimethylbenzene		57.0	MNR1	ug/L	50.0	114%	80 - 128	20	22	8105445		11/02/08 17:13
Vinyl chloride		44.2	MNR1	ug/L	50.0	88%	69 - 120	4	26	8105445		11/02/08 17:13
Xylenes, total		154	MNR1	ug/L	150	103%	80 - 129	3	18	8105445		11/02/08 17:13

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
8105445-BSD1												
1,2-Dichloroethene (total)		94.9	MNR1	ug/L	100	95%	80 - 128	3	12	8105445		11/02/08 17:13
Surrogate: 1,2-Dichloroethane-d4		27.7		ug/L	30.0	92%	60 - 140			8105445		11/02/08 17:13
Surrogate: Dibromofluoromethane		28.0		ug/L	30.0	93%	75 - 124			8105445		11/02/08 17:13
Surrogate: Toluene-d8		30.5		ug/L	30.0	102%	78 - 121			8105445		11/02/08 17:13
Surrogate: 4-Bromofluorobenzene		30.3		ug/L	30.0	101%	79 - 124			8105445		11/02/08 17:13
8110401-BSD1												
Acetone		289		ug/L	250	116%	62 - 150	3	29	8110401		11/01/08 11:38
Benzene		50.3		ug/L	50.0	101%	80 - 137	8	23	8110401		11/01/08 11:38
Bromobenzene		48.3		ug/L	50.0	97%	74 - 131	5	18	8110401		11/01/08 11:38
Bromochloromethane		52.0		ug/L	50.0	104%	80 - 128	6	18	8110401		11/01/08 11:38
Bromodichloromethane		57.2		ug/L	50.0	114%	80 - 129	3	18	8110401		11/01/08 11:38
Bromoform		47.1		ug/L	50.0	94%	69 - 127	6	24	8110401		11/01/08 11:38
Bromomethane		44.3		ug/L	50.0	89%	62 - 148	7	45	8110401		11/01/08 11:38
2-Butanone		262		ug/L	250	105%	77 - 141	7	36	8110401		11/01/08 11:38
sec-Butylbenzene		53.9		ug/L	50.0	108%	78 - 133	6	17	8110401		11/01/08 11:38
n-Butylbenzene		55.0		ug/L	50.0	110%	72 - 136	6	18	8110401		11/01/08 11:38
tert-Butylbenzene		53.9		ug/L	50.0	108%	77 - 135	6	17	8110401		11/01/08 11:38
Carbon disulfide		55.9		ug/L	50.0	112%	80 - 126	8	16	8110401		11/01/08 11:38
Carbon Tetrachloride		54.3		ug/L	50.0	109%	76 - 143	7	29	8110401		11/01/08 11:38
Chlorobenzene		51.0		ug/L	50.0	102%	80 - 120	4	27	8110401		11/01/08 11:38
Chlorodibromomethane		48.8		ug/L	50.0	98%	76 - 123	10	21	8110401		11/01/08 11:38
Chloroethane		48.0		ug/L	50.0	96%	77 - 127	9	32	8110401		11/01/08 11:38
Chloroform		50.6		ug/L	50.0	101%	80 - 133	8	28	8110401		11/01/08 11:38
Chloromethane		46.4		ug/L	50.0	93%	33 - 125	8	21	8110401		11/01/08 11:38
2-Chlorotoluene		50.3		ug/L	50.0	101%	80 - 127	5	16	8110401		11/01/08 11:38
4-Chlorotoluene		50.0		ug/L	50.0	100%	80 - 127	6	17	8110401		11/01/08 11:38
1,2-Dibromo-3-chloropropane		45.4		ug/L	50.0	91%	60 - 136	4	29	8110401		11/01/08 11:38
1,2-Dibromoethane (EDB)		58.1		ug/L	50.0	116%	80 - 125	8	21	8110401		11/01/08 11:38
Dibromomethane		53.2		ug/L	50.0	106%	80 - 124	6	20	8110401		11/01/08 11:38
1,4-Dichlorobenzene		46.7		ug/L	50.0	93%	80 - 120	5	19	8110401		11/01/08 11:38
1,3-Dichlorobenzene		49.9		ug/L	50.0	100%	80 - 123	6	18	8110401		11/01/08 11:38
1,2-Dichlorobenzene		50.6		ug/L	50.0	101%	80 - 122	4	23	8110401		11/01/08 11:38
Dichlorodifluoromethane		48.9		ug/L	50.0	98%	36 - 120	4	14	8110401		11/01/08 11:38
1,1-Dichloroethane		50.3		ug/L	50.0	101%	76 - 130	8	15	8110401		11/01/08 11:38
1,2-Dichloroethane		51.8		ug/L	50.0	104%	69 - 136	4	26	8110401		11/01/08 11:38
cis-1,2-Dichloroethene		51.9		ug/L	50.0	104%	80 - 129	8	14	8110401		11/01/08 11:38
1,1-Dichloroethene		51.1		ug/L	50.0	102%	80 - 127	6	26	8110401		11/01/08 11:38
trans-1,2-Dichloroethene		50.7		ug/L	50.0	101%	80 - 131	8	14	8110401		11/01/08 11:38
1,3-Dichloropropane		54.9		ug/L	50.0	110%	80 - 122	2	21	8110401		11/01/08 11:38
1,2-Dichloropropane		47.9		ug/L	50.0	96%	80 - 120	8	16	8110401		11/01/08 11:38

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
8110401-BSD1												
2,2-Dichloropropane		55.3		ug/L	50.0	111%	62 - 142	8	14	8110401		11/01/08 11:38
cis-1,3-Dichloropropene		50.0		ug/L	50.0	100%	76 - 135	3	19	8110401		11/01/08 11:38
trans-1,3-Dichloropropene		48.1		ug/L	50.0	96%	70 - 137	3	20	8110401		11/01/08 11:38
1,1-Dichloropropene		50.6		ug/L	50.0	101%	80 - 127	7	14	8110401		11/01/08 11:38
Ethylbenzene		54.0		ug/L	50.0	108%	80 - 128	5	17	8110401		11/01/08 11:38
Hexachlorobutadiene		51.3		ug/L	50.0	103%	68 - 148	3	34	8110401		11/01/08 11:38
2-Hexanone		291		ug/L	250	116%	69 - 148	0.5	34	8110401		11/01/08 11:38
Isopropylbenzene		55.7		ug/L	50.0	111%	80 - 121	4	18	8110401		11/01/08 11:38
p-Isopropyltoluene		45.2		ug/L	50.0	90%	79 - 127	6	17	8110401		11/01/08 11:38
Methyl tert-Butyl Ether		48.5		ug/L	50.0	97%	70 - 129	1	32	8110401		11/01/08 11:38
Methylene Chloride		48.4		ug/L	50.0	97%	76 - 135	7	18	8110401		11/01/08 11:38
4-Methyl-2-pentanone		285		ug/L	250	114%	67 - 143	1	31	8110401		11/01/08 11:38
Naphthalene		48.0		ug/L	50.0	96%	62 - 141	1	39	8110401		11/01/08 11:38
n-Propylbenzene		50.8		ug/L	50.0	102%	80 - 132	6	17	8110401		11/01/08 11:38
Styrene		49.6		ug/L	50.0	99%	80 - 139	5	16	8110401		11/01/08 11:38
1,1,1,2-Tetrachloroethane		57.8		ug/L	50.0	116%	80 - 135	4	17	8110401		11/01/08 11:38
1,1,2,2-Tetrachloroethane		49.6		ug/L	50.0	99%	65 - 145	2	28	8110401		11/01/08 11:38
Tetrachloroethene		52.0		ug/L	50.0	104%	80 - 125	6	27	8110401		11/01/08 11:38
Toluene		51.9		ug/L	50.0	104%	80 - 125	6	19	8110401		11/01/08 11:38
1,2,3-Trichlorobenzene		55.0		ug/L	50.0	110%	57 - 144	2	31	8110401		11/01/08 11:38
1,2,4-Trichlorobenzene		54.3		ug/L	50.0	109%	60 - 140	3	26	8110401		11/01/08 11:38
1,1,2-Trichloroethane		55.9		ug/L	50.0	112%	80 - 122	3	21	8110401		11/01/08 11:38
1,1,1-Trichloroethane		52.1		ug/L	50.0	104%	80 - 131	8	16	8110401		11/01/08 11:38
Trichloroethene		51.3		ug/L	50.0	103%	80 - 131	9	28	8110401		11/01/08 11:38
Trichlorofluoromethane		44.1		ug/L	50.0	88%	68 - 125	6	20	8110401		11/01/08 11:38
1,2,3-Trichloropropane		45.7		ug/L	50.0	91%	60 - 127	4	26	8110401		11/01/08 11:38
1,3,5-Trimethylbenzene		52.4		ug/L	50.0	105%	80 - 129	6	16	8110401		11/01/08 11:38
1,2,4-Trimethylbenzene		54.6		ug/L	50.0	109%	80 - 128	5	22	8110401		11/01/08 11:38
Vinyl chloride		47.1		ug/L	50.0	94%	69 - 120	8	26	8110401		11/01/08 11:38
Xylenes, total		163		ug/L	150	109%	80 - 129	5	18	8110401		11/01/08 11:38
Surrogate: 1,2-Dichloroethane-d4		25.3		ug/L	25.0	101%	60 - 140			8110401		11/01/08 11:38
Surrogate: Dibromofluoromethane		25.6		ug/L	25.0	102%	75 - 124			8110401		11/01/08 11:38
Surrogate: Toluene-d8		26.5		ug/L	25.0	106%	78 - 121			8110401		11/01/08 11:38
Surrogate: 4-Bromofluorobenzene		24.7		ug/L	25.0	99%	79 - 124			8110401		11/01/08 11:38

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
General Chemistry Parameters										
8110725-MS1										
Cyanide	0.00420	0.108		mg/L	0.100	103%	68 - 134	8110725	NRJ3136-01	11/09/08 14:07
Volatile Organic Compounds by EPA Method 8260B										
8104984-MS1										
Acetone	5.21	238		ug/L	250	93%	55 - 148	8104984	NRJ3151-16	11/03/08 00:02
Benzene	ND	49.3		ug/L	50.0	99%	68 - 143	8104984	NRJ3151-16	11/03/08 00:02
Bromobenzene	ND	43.7		ug/L	50.0	87%	65 - 140	8104984	NRJ3151-16	11/03/08 00:02
Bromochloromethane	ND	46.3		ug/L	50.0	93%	80 - 137	8104984	NRJ3151-16	11/03/08 00:02
Bromodichloromethane	ND	53.3		ug/L	50.0	107%	80 - 132	8104984	NRJ3151-16	11/03/08 00:02
Bromoform	ND	51.6		ug/L	50.0	103%	67 - 123	8104984	NRJ3151-16	11/03/08 00:02
Bromomethane	ND	41.0		ug/L	50.0	82%	39 - 166	8104984	NRJ3151-16	11/03/08 00:02
2-Butanone	ND	241		ug/L	250	97%	50 - 154	8104984	NRJ3151-16	11/03/08 00:02
sec-Butylbenzene	ND	51.6		ug/L	50.0	103%	73 - 142	8104984	NRJ3151-16	11/03/08 00:02
n-Butylbenzene	ND	48.0		ug/L	50.0	96%	64 - 147	8104984	NRJ3151-16	11/03/08 00:02
tert-Butylbenzene	ND	51.5		ug/L	50.0	103%	70 - 148	8104984	NRJ3151-16	11/03/08 00:02
Carbon disulfide	ND	44.7		ug/L	50.0	89%	79 - 147	8104984	NRJ3151-16	11/03/08 00:02
Carbon Tetrachloride	ND	46.4		ug/L	50.0	93%	62 - 165	8104984	NRJ3151-16	11/03/08 00:02
Chlorobenzene	ND	53.7		ug/L	50.0	107%	67 - 140	8104984	NRJ3151-16	11/03/08 00:02
Chlorodibromomethane	ND	49.8		ug/L	50.0	100%	72 - 123	8104984	NRJ3151-16	11/03/08 00:02
Chloroethane	ND	42.9		ug/L	50.0	86%	74 - 151	8104984	NRJ3151-16	11/03/08 00:02
Chloroform	ND	46.0		ug/L	50.0	92%	59 - 152	8104984	NRJ3151-16	11/03/08 00:02
Chloromethane	ND	32.2		ug/L	50.0	64%	33 - 138	8104984	NRJ3151-16	11/03/08 00:02
2-Chlorotoluene	ND	47.3		ug/L	50.0	95%	76 - 134	8104984	NRJ3151-16	11/03/08 00:02
4-Chlorotoluene	ND	48.2		ug/L	50.0	96%	80 - 133	8104984	NRJ3151-16	11/03/08 00:02
1,2-Dibromo-3-chloropropane	ND	54.4		ug/L	50.0	109%	60 - 136	8104984	NRJ3151-16	11/03/08 00:02
1,2-Dibromoethane (EDB)	ND	53.4		ug/L	50.0	107%	80 - 132	8104984	NRJ3151-16	11/03/08 00:02
Dibromomethane	ND	47.8		ug/L	50.0	96%	79 - 131	8104984	NRJ3151-16	11/03/08 00:02
1,4-Dichlorobenzene	ND	50.0		ug/L	50.0	100%	80 - 126	8104984	NRJ3151-16	11/03/08 00:02
1,3-Dichlorobenzene	ND	50.7		ug/L	50.0	101%	75 - 132	8104984	NRJ3151-16	11/03/08 00:02
1,2-Dichlorobenzene	ND	53.2		ug/L	50.0	106%	80 - 130	8104984	NRJ3151-16	11/03/08 00:02
Dichlorodifluoromethane	ND	33.1		ug/L	50.0	66%	36 - 146	8104984	NRJ3151-16	11/03/08 00:02
1,1-Dichloroethane	ND	50.6		ug/L	50.0	101%	76 - 131	8104984	NRJ3151-16	11/03/08 00:02
1,2-Dichloroethane	ND	45.6		ug/L	50.0	91%	53 - 146	8104984	NRJ3151-16	11/03/08 00:02
cis-1,2-Dichloroethene	2.76	53.4		ug/L	50.0	101%	76 - 141	8104984	NRJ3151-16	11/03/08 00:02
1,1-Dichloroethene	ND	49.4		ug/L	50.0	99%	63 - 157	8104984	NRJ3151-16	11/03/08 00:02
trans-1,2-Dichloroethene	0.450	47.6		ug/L	50.0	94%	78 - 137	8104984	NRJ3151-16	11/03/08 00:02
1,3-Dichloropropane	ND	52.3		ug/L	50.0	105%	76 - 130	8104984	NRJ3151-16	11/03/08 00:02

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
8104984-MS1										
1,2-Dichloropropane	ND	49.0		ug/L	50.0	98%	77 - 128	8104984	NRJ3151-16	11/03/08 00:02
2,2-Dichloropropane	ND	48.9		ug/L	50.0	98%	62 - 145	8104984	NRJ3151-16	11/03/08 00:02
cis-1,3-Dichloropropene	ND	53.8		ug/L	50.0	108%	71 - 140	8104984	NRJ3151-16	11/03/08 00:02
trans-1,3-Dichloropropene	ND	46.5		ug/L	50.0	93%	65 - 137	8104984	NRJ3151-16	11/03/08 00:02
1,1-Dichloropropene	ND	48.9		ug/L	50.0	98%	80 - 136	8104984	NRJ3151-16	11/03/08 00:02
Ethylbenzene	ND	53.1		ug/L	50.0	106%	80 - 135	8104984	NRJ3151-16	11/03/08 00:02
Hexachlorobutadiene	ND	60.0		ug/L	50.0	120%	48 - 155	8104984	NRJ3151-16	11/03/08 00:02
2-Hexanone	ND	251		ug/L	250	101%	58 - 154	8104984	NRJ3151-16	11/03/08 00:02
Isopropylbenzene	ND	53.4		ug/L	50.0	107%	80 - 135	8104984	NRJ3151-16	11/03/08 00:02
p-Isopropyltoluene	ND	50.1		ug/L	50.0	100%	74 - 139	8104984	NRJ3151-16	11/03/08 00:02
Methyl tert-Butyl Ether	ND	49.2		ug/L	50.0	98%	60 - 144	8104984	NRJ3151-16	11/03/08 00:02
Methylene Chloride	ND	45.7		ug/L	50.0	91%	64 - 140	8104984	NRJ3151-16	11/03/08 00:02
4-Methyl-2-pentanone	ND	255		ug/L	250	102%	55 - 153	8104984	NRJ3151-16	11/03/08 00:02
Naphthalene	ND	47.8		ug/L	50.0	96%	50 - 154	8104984	NRJ3151-16	11/03/08 00:02
n-Propylbenzene	ND	46.3		ug/L	50.0	93%	78 - 141	8104984	NRJ3151-16	11/03/08 00:02
Styrene	ND	57.8		ug/L	50.0	116%	80 - 139	8104984	NRJ3151-16	11/03/08 00:02
1,1,1,2-Tetrachloroethane	ND	51.6		ug/L	50.0	103%	75 - 140	8104984	NRJ3151-16	11/03/08 00:02
1,1,2,2-Tetrachloroethane	ND	46.9		ug/L	50.0	94%	55 - 152	8104984	NRJ3151-16	11/03/08 00:02
Tetrachloroethene	ND	53.9		ug/L	50.0	108%	67 - 150	8104984	NRJ3151-16	11/03/08 00:02
Toluene	ND	51.6		ug/L	50.0	103%	75 - 139	8104984	NRJ3151-16	11/03/08 00:02
1,2,3-Trichlorobenzene	ND	47.6		ug/L	50.0	95%	49 - 144	8104984	NRJ3151-16	11/03/08 00:02
1,2,4-Trichlorobenzene	ND	47.3		ug/L	50.0	95%	55 - 135	8104984	NRJ3151-16	11/03/08 00:02
1,1,2-Trichloroethane	ND	54.2		ug/L	50.0	108%	77 - 128	8104984	NRJ3151-16	11/03/08 00:02
1,1,1-Trichloroethane	ND	51.7		ug/L	50.0	103%	80 - 136	8104984	NRJ3151-16	11/03/08 00:02
Trichloroethene	ND	52.3		ug/L	50.0	105%	57 - 158	8104984	NRJ3151-16	11/03/08 00:02
Trichlorofluoromethane	ND	41.4		ug/L	50.0	83%	68 - 145	8104984	NRJ3151-16	11/03/08 00:02
1,2,3-Trichloropropane	ND	42.8		ug/L	50.0	86%	55 - 137	8104984	NRJ3151-16	11/03/08 00:02
1,3,5-Trimethylbenzene	ND	48.6		ug/L	50.0	97%	78 - 136	8104984	NRJ3151-16	11/03/08 00:02
1,2,4-Trimethylbenzene	ND	50.3		ug/L	50.0	101%	70 - 143	8104984	NRJ3151-16	11/03/08 00:02
Vinyl chloride	ND	40.2		ug/L	50.0	80%	49 - 156	8104984	NRJ3151-16	11/03/08 00:02
Xylenes, total	ND	160		ug/L	150	106%	80 - 136	8104984	NRJ3151-16	11/03/08 00:02
Surrogate: 1,2-Dichloroethane-d4		27.8		ug/L	30.0	93%	60 - 140	8104984	NRJ3151-16	11/03/08 00:02
Surrogate: Dibromofluoromethane		29.3		ug/L	30.0	98%	75 - 124	8104984	NRJ3151-16	11/03/08 00:02
Surrogate: Toluene-d8		31.1		ug/L	30.0	104%	78 - 121	8104984	NRJ3151-16	11/03/08 00:02
Surrogate: 4-Bromofluorobenzene		24.6		ug/L	30.0	82%	79 - 124	8104984	NRJ3151-16	11/03/08 00:02
8105295-MS1										
Acetone	5.97	212		ug/L	250	82%	55 - 148	8105295	NRJ3171-25	11/05/08 09:49

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
8105295-MS1										
Benzene	ND	47.6		ug/L	50.0	95%	68 - 143	8105295	NRJ3171-25	11/05/08 09:49
Bromobenzene	ND	41.2		ug/L	50.0	82%	65 - 140	8105295	NRJ3171-25	11/05/08 09:49
Bromochloromethane	ND	46.4		ug/L	50.0	93%	80 - 137	8105295	NRJ3171-25	11/05/08 09:49
Bromodichloromethane	ND	48.6		ug/L	50.0	97%	80 - 132	8105295	NRJ3171-25	11/05/08 09:49
Bromoform	ND	46.4		ug/L	50.0	93%	67 - 123	8105295	NRJ3171-25	11/05/08 09:49
Bromomethane	ND	49.7		ug/L	50.0	99%	39 - 166	8105295	NRJ3171-25	11/05/08 09:49
2-Butanone	ND	203		ug/L	250	81%	50 - 154	8105295	NRJ3171-25	11/05/08 09:49
sec-Butylbenzene	ND	46.4		ug/L	50.0	93%	73 - 142	8105295	NRJ3171-25	11/05/08 09:49
n-Butylbenzene	ND	45.8		ug/L	50.0	92%	64 - 147	8105295	NRJ3171-25	11/05/08 09:49
tert-Butylbenzene	ND	45.4		ug/L	50.0	91%	70 - 148	8105295	NRJ3171-25	11/05/08 09:49
Carbon disulfide	ND	56.4		ug/L	50.0	113%	79 - 147	8105295	NRJ3171-25	11/05/08 09:49
Carbon Tetrachloride	ND	45.3		ug/L	50.0	91%	62 - 165	8105295	NRJ3171-25	11/05/08 09:49
Chlorobenzene	ND	49.7		ug/L	50.0	99%	67 - 140	8105295	NRJ3171-25	11/05/08 09:49
Chlorodibromomethane	ND	45.2		ug/L	50.0	90%	72 - 123	8105295	NRJ3171-25	11/05/08 09:49
Chloroethane	ND	47.9		ug/L	50.0	96%	74 - 151	8105295	NRJ3171-25	11/05/08 09:49
Chloroform	ND	45.2		ug/L	50.0	90%	59 - 152	8105295	NRJ3171-25	11/05/08 09:49
Chloromethane	ND	44.8		ug/L	50.0	90%	33 - 138	8105295	NRJ3171-25	11/05/08 09:49
2-Chlorotoluene	ND	43.8		ug/L	50.0	88%	76 - 134	8105295	NRJ3171-25	11/05/08 09:49
4-Chlorotoluene	ND	44.8		ug/L	50.0	90%	80 - 133	8105295	NRJ3171-25	11/05/08 09:49
1,2-Dibromo-3-chloropropane	ND	42.7		ug/L	50.0	85%	60 - 136	8105295	NRJ3171-25	11/05/08 09:49
1,2-Dibromoethane (EDB)	ND	48.2		ug/L	50.0	96%	80 - 132	8105295	NRJ3171-25	11/05/08 09:49
Dibromomethane	ND	44.8		ug/L	50.0	90%	79 - 131	8105295	NRJ3171-25	11/05/08 09:49
1,4-Dichlorobenzene	ND	46.2		ug/L	50.0	92%	80 - 126	8105295	NRJ3171-25	11/05/08 09:49
1,3-Dichlorobenzene	ND	45.9		ug/L	50.0	92%	75 - 132	8105295	NRJ3171-25	11/05/08 09:49
1,2-Dichlorobenzene	ND	45.5		ug/L	50.0	91%	80 - 130	8105295	NRJ3171-25	11/05/08 09:49
Dichlorodifluoromethane	ND	49.4		ug/L	50.0	99%	36 - 146	8105295	NRJ3171-25	11/05/08 09:49
1,1-Dichloroethane	ND	47.9		ug/L	50.0	96%	76 - 131	8105295	NRJ3171-25	11/05/08 09:49
1,2-Dichloroethane	ND	41.6		ug/L	50.0	83%	53 - 146	8105295	NRJ3171-25	11/05/08 09:49
cis-1,2-Dichloroethene	ND	47.5		ug/L	50.0	95%	76 - 141	8105295	NRJ3171-25	11/05/08 09:49
1,1-Dichloroethene	ND	51.8		ug/L	50.0	104%	63 - 157	8105295	NRJ3171-25	11/05/08 09:49
trans-1,2-Dichloroethene	ND	48.1		ug/L	50.0	96%	78 - 137	8105295	NRJ3171-25	11/05/08 09:49
1,3-Dichloropropane	ND	45.9		ug/L	50.0	92%	76 - 130	8105295	NRJ3171-25	11/05/08 09:49
1,2-Dichloropropane	ND	43.4		ug/L	50.0	87%	77 - 128	8105295	NRJ3171-25	11/05/08 09:49
2,2-Dichloropropane	ND	49.0		ug/L	50.0	98%	62 - 145	8105295	NRJ3171-25	11/05/08 09:49
cis-1,3-Dichloropropene	ND	50.2		ug/L	50.0	100%	71 - 140	8105295	NRJ3171-25	11/05/08 09:49
trans-1,3-Dichloropropene	ND	42.2		ug/L	50.0	84%	65 - 137	8105295	NRJ3171-25	11/05/08 09:49
1,1-Dichloropropene	ND	48.6		ug/L	50.0	97%	80 - 136	8105295	NRJ3171-25	11/05/08 09:49

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
8105295-MS1										
Ethylbenzene	ND	50.8		ug/L	50.0	102%	80 - 135	8105295	NRJ3171-25	11/05/08 09:49
Hexachlorobutadiene	ND	57.4		ug/L	50.0	115%	48 - 155	8105295	NRJ3171-25	11/05/08 09:49
2-Hexanone	ND	210		ug/L	250	84%	58 - 154	8105295	NRJ3171-25	11/05/08 09:49
Isopropylbenzene	ND	48.8		ug/L	50.0	98%	80 - 135	8105295	NRJ3171-25	11/05/08 09:49
p-Isopropyltoluene	ND	45.1		ug/L	50.0	90%	74 - 139	8105295	NRJ3171-25	11/05/08 09:49
Methyl tert-Butyl Ether	ND	43.0		ug/L	50.0	86%	60 - 144	8105295	NRJ3171-25	11/05/08 09:49
Methylene Chloride	ND	44.2		ug/L	50.0	88%	64 - 140	8105295	NRJ3171-25	11/05/08 09:49
4-Methyl-2-pentanone	ND	211		ug/L	250	84%	55 - 153	8105295	NRJ3171-25	11/05/08 09:49
Naphthalene	ND	37.0		ug/L	50.0	74%	50 - 154	8105295	NRJ3171-25	11/05/08 09:49
n-Propylbenzene	ND	44.6		ug/L	50.0	89%	78 - 141	8105295	NRJ3171-25	11/05/08 09:49
Styrene	ND	53.1		ug/L	50.0	106%	80 - 139	8105295	NRJ3171-25	11/05/08 09:49
1,1,1,2-Tetrachloroethane	ND	46.4		ug/L	50.0	93%	75 - 140	8105295	NRJ3171-25	11/05/08 09:49
1,1,2,2-Tetrachloroethane	ND	41.1		ug/L	50.0	82%	55 - 152	8105295	NRJ3171-25	11/05/08 09:49
Tetrachloroethene	3.03	57.3		ug/L	50.0	109%	67 - 150	8105295	NRJ3171-25	11/05/08 09:49
Toluene	ND	50.0		ug/L	50.0	100%	75 - 139	8105295	NRJ3171-25	11/05/08 09:49
1,2,3-Trichlorobenzene	ND	38.0		ug/L	50.0	76%	49 - 144	8105295	NRJ3171-25	11/05/08 09:49
1,2,4-Trichlorobenzene	ND	41.6		ug/L	50.0	83%	55 - 135	8105295	NRJ3171-25	11/05/08 09:49
1,1,2-Trichloroethane	ND	48.6		ug/L	50.0	97%	77 - 128	8105295	NRJ3171-25	11/05/08 09:49
1,1,1-Trichloroethane	ND	49.6		ug/L	50.0	99%	80 - 136	8105295	NRJ3171-25	11/05/08 09:49
Trichloroethene	ND	68.6		ug/L	50.0	137%	57 - 158	8105295	NRJ3171-25	11/05/08 09:49
Trichlorofluoromethane	ND	49.6		ug/L	50.0	99%	68 - 145	8105295	NRJ3171-25	11/05/08 09:49
1,2,3-Trichloropropane	ND	37.2		ug/L	50.0	74%	55 - 137	8105295	NRJ3171-25	11/05/08 09:49
1,3,5-Trimethylbenzene	ND	44.9		ug/L	50.0	90%	78 - 136	8105295	NRJ3171-25	11/05/08 09:49
1,2,4-Trimethylbenzene	ND	45.1		ug/L	50.0	90%	70 - 143	8105295	NRJ3171-25	11/05/08 09:49
Vinyl chloride	ND	47.9		ug/L	50.0	96%	49 - 156	8105295	NRJ3171-25	11/05/08 09:49
Xylenes, total	ND	150		ug/L	150	100%	80 - 136	8105295	NRJ3171-25	11/05/08 09:49
1,2-Dichloroethene (total)	ND	95.6		ug/L	100	96%	68 - 142	8105295	NRJ3171-25	11/05/08 09:49
Surrogate: 1,2-Dichloroethane-d4		27.1		ug/L	30.0	90%	60 - 140	8105295	NRJ3171-25	11/05/08 09:49
Surrogate: Dibromofluoromethane		29.0		ug/L	30.0	96%	75 - 124	8105295	NRJ3171-25	11/05/08 09:49
Surrogate: Toluene-d8		30.0		ug/L	30.0	100%	78 - 121	8105295	NRJ3171-25	11/05/08 09:49
Surrogate: 4-Bromofluorobenzene		25.7		ug/L	30.0	86%	79 - 124	8105295	NRJ3171-25	11/05/08 09:49

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters												
8110725-MSD1												
Cyanide	0.00420	0.225	R	mg/L	0.200	110%	68 - 134	71	43	8110725	NRJ3136-01	11/09/08 14:07
Volatile Organic Compounds by EPA Method 8260B												
8104984-MSD1												
Acetone	5.21	246		ug/L	250	97%	55 - 148	3	29	8104984	NRJ3151-16	11/03/08 00:27
Benzene	ND	49.8		ug/L	50.0	100%	68 - 143	1	23	8104984	NRJ3151-16	11/03/08 00:27
Bromobenzene	ND	45.9		ug/L	50.0	92%	65 - 140	5	18	8104984	NRJ3151-16	11/03/08 00:27
Bromochloromethane	ND	47.1		ug/L	50.0	94%	80 - 137	2	18	8104984	NRJ3151-16	11/03/08 00:27
Bromodichloromethane	ND	53.7		ug/L	50.0	107%	80 - 132	0.8	18	8104984	NRJ3151-16	11/03/08 00:27
Bromoform	ND	52.6		ug/L	50.0	105%	67 - 123	2	24	8104984	NRJ3151-16	11/03/08 00:27
Bromomethane	ND	47.6		ug/L	50.0	95%	39 - 166	15	45	8104984	NRJ3151-16	11/03/08 00:27
2-Butanone	ND	243		ug/L	250	97%	50 - 154	0.8	36	8104984	NRJ3151-16	11/03/08 00:27
sec-Butylbenzene	ND	53.7		ug/L	50.0	107%	73 - 142	4	17	8104984	NRJ3151-16	11/03/08 00:27
n-Butylbenzene	ND	50.2		ug/L	50.0	100%	64 - 147	5	18	8104984	NRJ3151-16	11/03/08 00:27
tert-Butylbenzene	ND	53.1		ug/L	50.0	106%	70 - 148	3	17	8104984	NRJ3151-16	11/03/08 00:27
Carbon disulfide	ND	44.8		ug/L	50.0	90%	79 - 147	0.4	16	8104984	NRJ3151-16	11/03/08 00:27
Carbon Tetrachloride	ND	47.3		ug/L	50.0	95%	62 - 165	2	29	8104984	NRJ3151-16	11/03/08 00:27
Chlorobenzene	ND	54.6		ug/L	50.0	109%	67 - 140	2	27	8104984	NRJ3151-16	11/03/08 00:27
Chlorodibromomethane	ND	51.2		ug/L	50.0	102%	72 - 123	3	21	8104984	NRJ3151-16	11/03/08 00:27
Chloroethane	ND	43.2		ug/L	50.0	86%	74 - 151	0.7	32	8104984	NRJ3151-16	11/03/08 00:27
Chloroform	ND	47.3		ug/L	50.0	95%	59 - 152	3	28	8104984	NRJ3151-16	11/03/08 00:27
Chloromethane	ND	29.7		ug/L	50.0	59%	33 - 138	8	21	8104984	NRJ3151-16	11/03/08 00:27
2-Chlorotoluene	ND	48.5		ug/L	50.0	97%	76 - 134	3	16	8104984	NRJ3151-16	11/03/08 00:27
4-Chlorotoluene	ND	49.6		ug/L	50.0	99%	80 - 133	3	17	8104984	NRJ3151-16	11/03/08 00:27
1,2-Dibromo-3-chloropropane	ND	53.9		ug/L	50.0	108%	60 - 136	0.8	29	8104984	NRJ3151-16	11/03/08 00:27
1,2-Dibromoethane (EDB)	ND	55.1		ug/L	50.0	110%	80 - 132	3	21	8104984	NRJ3151-16	11/03/08 00:27
Dibromomethane	ND	48.3		ug/L	50.0	97%	79 - 131	1	20	8104984	NRJ3151-16	11/03/08 00:27
1,4-Dichlorobenzene	ND	53.0		ug/L	50.0	106%	80 - 126	6	19	8104984	NRJ3151-16	11/03/08 00:27
1,3-Dichlorobenzene	ND	52.6		ug/L	50.0	105%	75 - 132	4	18	8104984	NRJ3151-16	11/03/08 00:27
1,2-Dichlorobenzene	ND	54.7		ug/L	50.0	109%	80 - 130	3	23	8104984	NRJ3151-16	11/03/08 00:27
Dichlorodifluoromethane	ND	32.0		ug/L	50.0	64%	36 - 146	3	14	8104984	NRJ3151-16	11/03/08 00:27
1,1-Dichloroethane	ND	51.2		ug/L	50.0	102%	76 - 131	1	15	8104984	NRJ3151-16	11/03/08 00:27
1,2-Dichloroethane	ND	45.9		ug/L	50.0	92%	53 - 146	0.6	26	8104984	NRJ3151-16	11/03/08 00:27
cis-1,2-Dichloroethene	2.76	54.4		ug/L	50.0	103%	76 - 141	2	14	8104984	NRJ3151-16	11/03/08 00:27
1,1-Dichloroethene	ND	50.8		ug/L	50.0	102%	63 - 157	3	26	8104984	NRJ3151-16	11/03/08 00:27
trans-1,2-Dichloroethene	0.450	48.3		ug/L	50.0	96%	78 - 137	2	14	8104984	NRJ3151-16	11/03/08 00:27
1,3-Dichloropropane	ND	52.9		ug/L	50.0	106%	76 - 130	1	21	8104984	NRJ3151-16	11/03/08 00:27
1,2-Dichloropropane	ND	49.0		ug/L	50.0	98%	77 - 128	0.06	16	8104984	NRJ3151-16	11/03/08 00:27
2,2-Dichloropropane	ND	49.9		ug/L	50.0	100%	62 - 145	2	14	8104984	NRJ3151-16	11/03/08 00:27
cis-1,3-Dichloropropene	ND	55.4		ug/L	50.0	111%	71 - 140	3	19	8104984	NRJ3151-16	11/03/08 00:27
trans-1,3-Dichloropropene	ND	47.3		ug/L	50.0	95%	65 - 137	2	20	8104984	NRJ3151-16	11/03/08 00:27

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
8104984-MSD1												
1,1-Dichloropropene	ND	49.7		ug/L	50.0	99%	80 - 136	1	14	8104984	NRJ3151-16	11/03/08 00:27
Ethylbenzene	ND	54.1		ug/L	50.0	108%	80 - 135	2	17	8104984	NRJ3151-16	11/03/08 00:27
Hexachlorobutadiene	ND	63.8		ug/L	50.0	128%	48 - 155	6	34	8104984	NRJ3151-16	11/03/08 00:27
2-Hexanone	ND	259		ug/L	250	104%	58 - 154	3	34	8104984	NRJ3151-16	11/03/08 00:27
Isopropylbenzene	ND	54.4		ug/L	50.0	109%	80 - 135	2	18	8104984	NRJ3151-16	11/03/08 00:27
p-Isopropyltoluene	ND	51.9		ug/L	50.0	104%	74 - 139	4	17	8104984	NRJ3151-16	11/03/08 00:27
Methyl tert-Butyl Ether	ND	51.2		ug/L	50.0	102%	60 - 144	4	32	8104984	NRJ3151-16	11/03/08 00:27
Methylene Chloride	ND	45.8		ug/L	50.0	92%	64 - 140	0.1	18	8104984	NRJ3151-16	11/03/08 00:27
4-Methyl-2-pentanone	ND	257		ug/L	250	103%	55 - 153	0.8	31	8104984	NRJ3151-16	11/03/08 00:27
Naphthalene	ND	55.5		ug/L	50.0	111%	50 - 154	15	39	8104984	NRJ3151-16	11/03/08 00:27
n-Propylbenzene	ND	48.3		ug/L	50.0	97%	78 - 141	4	17	8104984	NRJ3151-16	11/03/08 00:27
Styrene	ND	58.9		ug/L	50.0	118%	80 - 139	2	16	8104984	NRJ3151-16	11/03/08 00:27
1,1,1,2-Tetrachloroethane	ND	52.2		ug/L	50.0	104%	75 - 140	1	17	8104984	NRJ3151-16	11/03/08 00:27
1,1,2,2-Tetrachloroethane	ND	48.0		ug/L	50.0	96%	55 - 152	2	28	8104984	NRJ3151-16	11/03/08 00:27
Tetrachloroethene	ND	54.4		ug/L	50.0	109%	67 - 150	0.9	27	8104984	NRJ3151-16	11/03/08 00:27
Toluene	ND	52.2		ug/L	50.0	104%	75 - 139	1	19	8104984	NRJ3151-16	11/03/08 00:27
1,2,3-Trichlorobenzene	ND	55.1		ug/L	50.0	110%	49 - 144	15	31	8104984	NRJ3151-16	11/03/08 00:27
1,2,4-Trichlorobenzene	ND	52.2		ug/L	50.0	104%	55 - 135	10	26	8104984	NRJ3151-16	11/03/08 00:27
1,1,2-Trichloroethane	ND	55.1		ug/L	50.0	110%	77 - 128	2	21	8104984	NRJ3151-16	11/03/08 00:27
1,1,1-Trichloroethane	ND	52.4		ug/L	50.0	105%	80 - 136	1	16	8104984	NRJ3151-16	11/03/08 00:27
Trichloroethene	ND	52.8		ug/L	50.0	106%	57 - 158	1	28	8104984	NRJ3151-16	11/03/08 00:27
Trichlorofluoromethane	ND	42.5		ug/L	50.0	85%	68 - 145	3	20	8104984	NRJ3151-16	11/03/08 00:27
1,2,3-Trichloropropane	ND	43.6		ug/L	50.0	87%	55 - 137	2	26	8104984	NRJ3151-16	11/03/08 00:27
1,3,5-Trimethylbenzene	ND	49.8		ug/L	50.0	100%	78 - 136	2	16	8104984	NRJ3151-16	11/03/08 00:27
1,2,4-Trimethylbenzene	ND	52.0		ug/L	50.0	104%	70 - 143	3	22	8104984	NRJ3151-16	11/03/08 00:27
Vinyl chloride	ND	40.3		ug/L	50.0	81%	49 - 156	0.4	26	8104984	NRJ3151-16	11/03/08 00:27
Xylenes, total	ND	162		ug/L	150	108%	80 - 136	1	18	8104984	NRJ3151-16	11/03/08 00:27
Surrogate: 1,2-Dichloroethane-d4		27.1		ug/L	30.0	90%	60 - 140			8104984	NRJ3151-16	11/03/08 00:27
Surrogate: Dibromofluoromethane		29.4		ug/L	30.0	98%	75 - 124			8104984	NRJ3151-16	11/03/08 00:27
Surrogate: Toluene-d8		30.9		ug/L	30.0	103%	78 - 121			8104984	NRJ3151-16	11/03/08 00:27
Surrogate: 4-Bromofluorobenzene		29.1		ug/L	30.0	97%	79 - 124			8104984	NRJ3151-16	11/03/08 00:27
8105295-MSD1												
Acetone	5.97	241		ug/L	250	94%	55 - 148	13	29	8105295	NRJ3171-25	11/05/08 10:15
Benzene	ND	54.7		ug/L	50.0	109%	68 - 143	14	23	8105295	NRJ3171-25	11/05/08 10:15
Bromobenzene	ND	48.2		ug/L	50.0	96%	65 - 140	16	18	8105295	NRJ3171-25	11/05/08 10:15
Bromochloromethane	ND	52.3		ug/L	50.0	105%	80 - 137	12	18	8105295	NRJ3171-25	11/05/08 10:15
Bromodichloromethane	ND	55.9		ug/L	50.0	112%	80 - 132	14	18	8105295	NRJ3171-25	11/05/08 10:15
Bromoform	ND	52.7		ug/L	50.0	105%	67 - 123	13	24	8105295	NRJ3171-25	11/05/08 10:15
Bromomethane	ND	63.2		ug/L	50.0	126%	39 - 166	24	45	8105295	NRJ3171-25	11/05/08 10:15
2-Butanone	ND	242		ug/L	250	97%	50 - 154	18	36	8105295	NRJ3171-25	11/05/08 10:15

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
8105295-MSD1												
sec-Butylbenzene	ND	54.7		ug/L	50.0	109%	73 - 142	17	17	8105295	NRJ3171-25	11/05/08 10:15
n-Butylbenzene	ND	53.6		ug/L	50.0	107%	64 - 147	16	18	8105295	NRJ3171-25	11/05/08 10:15
tert-Butylbenzene	ND	53.8		ug/L	50.0	108%	70 - 148	17	17	8105295	NRJ3171-25	11/05/08 10:15
Carbon disulfide	ND	62.4		ug/L	50.0	125%	79 - 147	10	16	8105295	NRJ3171-25	11/05/08 10:15
Carbon Tetrachloride	ND	51.8		ug/L	50.0	104%	62 - 165	13	29	8105295	NRJ3171-25	11/05/08 10:15
Chlorobenzene	ND	57.4		ug/L	50.0	115%	67 - 140	14	27	8105295	NRJ3171-25	11/05/08 10:15
Chlorodibromomethane	ND	50.8		ug/L	50.0	102%	72 - 123	12	21	8105295	NRJ3171-25	11/05/08 10:15
Chloroethane	ND	54.5		ug/L	50.0	109%	74 - 151	13	32	8105295	NRJ3171-25	11/05/08 10:15
Chloroform	ND	50.9		ug/L	50.0	102%	59 - 152	12	28	8105295	NRJ3171-25	11/05/08 10:15
Chloromethane	ND	51.7		ug/L	50.0	103%	33 - 138	14	21	8105295	NRJ3171-25	11/05/08 10:15
2-Chlorotoluene	ND	51.4		ug/L	50.0	103%	76 - 134	16	16	8105295	NRJ3171-25	11/05/08 10:15
4-Chlorotoluene	ND	51.5		ug/L	50.0	103%	80 - 133	14	17	8105295	NRJ3171-25	11/05/08 10:15
1,2-Dibromo-3-chloropropane	ND	42.7		ug/L	50.0	85%	60 - 136	0.2	29	8105295	NRJ3171-25	11/05/08 10:15
1,2-Dibromoethane (EDB)	ND	55.9		ug/L	50.0	112%	80 - 132	15	21	8105295	NRJ3171-25	11/05/08 10:15
Dibromomethane	ND	51.8		ug/L	50.0	104%	79 - 131	15	20	8105295	NRJ3171-25	11/05/08 10:15
1,4-Dichlorobenzene	ND	54.9		ug/L	50.0	110%	80 - 126	17	19	8105295	NRJ3171-25	11/05/08 10:15
1,3-Dichlorobenzene	ND	54.3		ug/L	50.0	109%	75 - 132	17	18	8105295	NRJ3171-25	11/05/08 10:15
1,2-Dichlorobenzene	ND	55.1		ug/L	50.0	110%	80 - 130	19	23	8105295	NRJ3171-25	11/05/08 10:15
Dichlorodifluoromethane	ND	55.3		ug/L	50.0	111%	36 - 146	11	14	8105295	NRJ3171-25	11/05/08 10:15
1,1-Dichloroethane	ND	54.8		ug/L	50.0	110%	76 - 131	13	15	8105295	NRJ3171-25	11/05/08 10:15
1,2-Dichloroethane	ND	48.2		ug/L	50.0	96%	53 - 146	15	26	8105295	NRJ3171-25	11/05/08 10:15
cis-1,2-Dichloroethene	ND	53.1		ug/L	50.0	106%	76 - 141	11	14	8105295	NRJ3171-25	11/05/08 10:15
1,1-Dichloroethene	ND	58.9		ug/L	50.0	118%	63 - 157	13	26	8105295	NRJ3171-25	11/05/08 10:15
trans-1,2-Dichloroethene	ND	54.4		ug/L	50.0	109%	78 - 137	12	14	8105295	NRJ3171-25	11/05/08 10:15
1,3-Dichloropropane	ND	52.8		ug/L	50.0	106%	76 - 130	14	21	8105295	NRJ3171-25	11/05/08 10:15
1,2-Dichloropropane	ND	50.7		ug/L	50.0	101%	77 - 128	15	16	8105295	NRJ3171-25	11/05/08 10:15
2,2-Dichloropropane	ND	56.2		ug/L	50.0	112%	62 - 145	14	14	8105295	NRJ3171-25	11/05/08 10:15
cis-1,3-Dichloropropene	ND	57.3		ug/L	50.0	115%	71 - 140	13	19	8105295	NRJ3171-25	11/05/08 10:15
trans-1,3-Dichloropropene	ND	48.3		ug/L	50.0	97%	65 - 137	14	20	8105295	NRJ3171-25	11/05/08 10:15
1,1-Dichloropropene	ND	56.6	R	ug/L	50.0	113%	80 - 136	15	14	8105295	NRJ3171-25	11/05/08 10:15
Ethylbenzene	ND	57.9		ug/L	50.0	116%	80 - 135	13	17	8105295	NRJ3171-25	11/05/08 10:15
Hexachlorobutadiene	ND	60.2		ug/L	50.0	120%	48 - 155	5	34	8105295	NRJ3171-25	11/05/08 10:15
2-Hexanone	ND	248		ug/L	250	99%	58 - 154	16	34	8105295	NRJ3171-25	11/05/08 10:15
Isopropylbenzene	ND	56.5		ug/L	50.0	113%	80 - 135	15	18	8105295	NRJ3171-25	11/05/08 10:15
p-Isopropyltoluene	ND	53.4		ug/L	50.0	107%	74 - 139	17	17	8105295	NRJ3171-25	11/05/08 10:15
Methyl tert-Butyl Ether	ND	50.0		ug/L	50.0	100%	60 - 144	15	32	8105295	NRJ3171-25	11/05/08 10:15
Methylene Chloride	ND	49.6		ug/L	50.0	99%	64 - 140	11	18	8105295	NRJ3171-25	11/05/08 10:15
4-Methyl-2-pentanone	ND	248		ug/L	250	99%	55 - 153	16	31	8105295	NRJ3171-25	11/05/08 10:15
Naphthalene	ND	45.4		ug/L	50.0	91%	50 - 154	20	39	8105295	NRJ3171-25	11/05/08 10:15
n-Propylbenzene	ND	51.9		ug/L	50.0	104%	78 - 141	15	17	8105295	NRJ3171-25	11/05/08 10:15
Styrene	ND	61.3		ug/L	50.0	123%	80 - 139	14	16	8105295	NRJ3171-25	11/05/08 10:15

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ3151
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.248
Attn	Julie Heimerdinger	Received:	10/30/08 08:00

DATA QUALIFIERS AND DEFINITIONS

L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
L2	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was below acceptance limits.
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.
R	The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.
Z2	Surrogate recovery was above the acceptance limits. Data not impacted.
ND	Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville, TN

COOLER RECE

NRJ3151

Cooler Received/Opened On 10/30/2008 @ 0800

1. Tracking # 6125 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 96210146

2. Temperature of rep. sample or temp blank when opened: 5.4 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

   If yes, how many and where: 2 front/back

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) VJ

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

   Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

   b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 1

I certify that I unloaded the cooler and answered questions 7-14 (intial)

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

   b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

   If preservation in-house was needed, record standard ID of preservative used here

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial)

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial)

I certify that I attached a label with the unique LIMS number to each container (intial)

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#

BIS = Broken in shipment

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

Cooler Received/Opened On 10/30/2008 @ 0800

1. Tracking # 0609 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 96210146

2. Temperature of rep. sample or temp blank when opened: 5-7 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

   If yes, how many and where: 2 front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) M

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

   Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

   b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 2

Only liters in this cooler.

I certify that I unloaded the cooler and answered questions 7-14 (intial)

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA 10-30-08

   b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

   If preservation in-house was needed, record standard ID of preservative used here

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial)

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial)

I certify that I attached a label with the unique LIMS number to each container (intial)

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 9/6/07

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville, TN

COOLER RECEIPT FORM

Cooler Received/Opened On 10/30/2008 @ 0800

1. Tracking # 6114 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 96210146

2. Temperature of rep. sample or temp blank when opened: 5.8 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

   If yes, how many and where: 2 front/back

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) PV

7. Were custody seals on containers: YES NO and intact YES...NO...NA

   Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

   b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 3

Only liters in this cooler.

I certify that I unloaded the cooler and answered questions 7-14 (intial)

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

   b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

   If preservation in-house was needed, record standard ID of preservative used here

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial)

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial)

I certify that I attached a label with the unique LIMS number to each container (intial)

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#

BIS = Broken in shipment

End of Form

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax: (615) 726-3404

Page 1 of 2

Client: Mabbett & Associates, Inc. (10615)
Address: 5 Alfred Circle
City, State, Zip: Bedford MA 01730
Client Invoice Contact: Attn: Accounts Payable
Client Project Mgr: Kiran Sears
Client Telephone#: (781) 275-6050 Fax: (781) 275-5651
Sampler Name (Print): Christopher Mabbett
SamplerSignature:

TA Account #: 1408030 PO #:
Invoice to: Mabbett & Associates, Inc. (10615)
Report to: ~~Julie Hollingerdinger~~ Christopher Mabbett
Project Name: Bodycote
Facility ID: ~~[illegible]~~ 1998002248
Site Address: 1975 N Ruby St
City,State,Zip: Melrose Park Illinois 60160
Regulatory District (CA):

NRJ3151
11/10/08 23:59

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	Analyze for: 8082 PCBs	8082 PCBs in Oil	8260B Volatile Organics	Cyanide Dissociable SM4500-CN I	Cyanide Total 9012B	RUSH TAT (Pre Schedule) *	
Well-1	10/24/08	09:30	4	X					X	X					X								X		X		-1
M&A-201	10/28/08	10:20	4	X					X	X					X								X		X		-2
M&A-202	10/28/08	11:10	4	X					X	X					X								X		X		-3
M&A-203	10/28/08	11:45	4	X					X	X					X								X		X		-4
M&A-204	10/28/08	12:00	4	X					X	X					X								X		X		-5
M&A-205	10/28/08	11:20	4	X					X	X					X								X		X		-6
M&A-208	10/28/08	14:10	5	X					X					X	X						X		X				-7
M&A-209	10/27/08	10:25	4	X					X	X					X								X		X		-8
MW-10	10/28/08	13:35	5	X					X					X	X						X		X				-9
MCA-3	10/27/08	13:35	3	X					X						X								X				-10

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.
* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments;additional charges may be assessed.
There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 12433

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
	10/29/08	15:15						

Shipped Via:	Shipped Via:	QC Deliverables (Please Circle One):	Date Due of Report:
Received for TestAmerica by:	Date: 10-30-08 Time: 0800	Temperature Upon Receipt: 5.6, 5.7, 5.8 Sample Containers Intact? Y N VOCs Free of Headspace? Y N	Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax:(615) 726-3404

Client: Mabbett & Associates, Inc. (10615)
Address: 5 Alfred Circle
City, State, Zip: Bedford MA 01730
Client Invoice Contact: Attn: Accounts Payable
Client Project Mgr: Julie Heimerdinger
Client Telephone#: (781) 275-6050 Fax: (781) 275-5651
Sampler Name (Print) Chris Mabbett
SamplerSignature: [signature]

TA Account #: 1408030 PO #:
Invoice to: Mabbett & Associates, Inc. (10615)
Report to: ~~Julie Heimerdinger~~ Chris Mabbett
Project Name: Bodycote
Facility ID: ~~1998002.242/244~~ 1998002.248
Site Address: 1975 N Ruby Street
City,State,Zip: Melrose Park Illinois 60160
Regulatory District (CA):

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	Analyze for: 8270C Polyaromatic Hydrocarbons	Mercury 7471A	VOC 6200	PCB 8082	RUSH TAT (Pre Schedule)	
MCA-1	10/28/08	08:10	5	X					X					X	X								X	X		-11
MCA-4	10/28/08	08:05	5	X					X					X	X								X	X		-12
M&A-133	10/28/08	10:50	5	X					X					X	X								X	X		-13
MW-6	10/28/08	09:35	5	X					X					X	X								X	X		-14
M&A-118	10/28/08	11:45	5	X					X					X	X								X	X		-15
M&A-127	10/28/08	09:50	5	X					X					X	X								X	X		-16
M&A-101	10/29/08	08:40	5	X					X					X	X								X	X		-17
M&A-102	10/29/08	08:20	3	X					X						X								X			-18
M&A-130	10/29/08	09:20	5	X					X					X	X								X	X		-19
M&A-131	10/29/08	09:55	5	X					X					X	X								X	X		-20

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.
* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments;additional charges may be assessed.
There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 12619

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
[signature]	10/29/08	15:15						

Shipped Via:	Shipped Via:	QC Deliverables (Please Circle One): Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)	Date Due of Report:
Received for TestAmerica by: [signature] Date: 10-30-08 Time: 0800	Temperature Upon Receipt: 5.6, 5.7, 5.8 Sample Containers Intact? Y N VOCs Free of Headspace? Y N		

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

October 30, 2008 4:35:28PM

Client: Mabbett & Associates, Inc. (10615)
5 Alfred Circle
Bedford, MA 01730
Attn: Kiran Sears

Work Order: NRJ2428
Project Name: Bodycote
Project Nbr: 1998002.242/244
P/O Nbr:
Date Received: 10/23/08

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
M&A-114	NRJ2428-01	10/22/08 08:30
M&A-113	NRJ2428-02	10/22/08 09:00

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Illinois Certification Number: 200010

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainty is available upon request.
This report has been electronically signed.
Report Approved By:

Roxanne L. Connor

Roxanne Connor

Program Manager - Conventional Accounts

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2428
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Kiran Sears	Received:	10/23/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRJ2428-01 (M&A-114 - Oil) Sampled: 10/22/08 08:30								
Polychlorinated Biphenyls in Oil by EPA Method 8082								
PCB-1016	ND		mg/kg	0.132	4	10/29/08 20:29	SW846 8082	8104012
PCB-1221	ND		mg/kg	0.132	4	10/29/08 20:29	SW846 8082	8104012
PCB-1232	ND		mg/kg	0.132	4	10/29/08 20:29	SW846 8082	8104012
PCB-1242	ND		mg/kg	0.132	4	10/29/08 20:29	SW846 8082	8104012
PCB-1248	**21.3**		mg/kg	0.132	4	10/29/08 20:29	SW846 8082	8104012
PCB-1254	ND		mg/kg	0.132	4	10/29/08 20:29	SW846 8082	8104012
PCB-1260	ND		mg/kg	0.132	4	10/29/08 20:29	SW846 8082	8104012
Surr: Tetrachloro-meta-xylene (15-150%)	*72 %*					*10/29/08 20:29*	*SW846 8082*	*8104012*
Surr: Decachlorobiphenyl (10-146%)	*64 %*					*10/29/08 20:29*	*SW846 8082*	*8104012*
Sample ID: NRJ2428-02 (M&A-113 - Oil) Sampled: 10/22/08 09:00								
Polychlorinated Biphenyls in Oil by EPA Method 8082								
PCB-1016	ND		mg/kg	3.26	100	10/30/08 05:50	SW846 8082	8104012
PCB-1221	ND		mg/kg	3.26	100	10/30/08 05:50	SW846 8082	8104012
PCB-1232	ND		mg/kg	3.26	100	10/30/08 05:50	SW846 8082	8104012
PCB-1242	ND		mg/kg	3.26	100	10/30/08 05:50	SW846 8082	8104012
PCB-1248	**1270**		mg/kg	3.26	100	10/30/08 05:50	SW846 8082	8104012
PCB-1254	ND		mg/kg	3.26	100	10/30/08 05:50	SW846 8082	8104012
PCB-1260	ND		mg/kg	3.26	100	10/30/08 05:50	SW846 8082	8104012
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*10/30/08 05:50*	*SW846 8082*	*8104012*
Surr: Decachlorobiphenyl (10-146%)	*	*Z3*				*10/30/08 05:50*	*SW846 8082*	*8104012*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2428
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Kiran Sears	Received:	10/23/08 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Polychlorinated Biphenyls in Oil by EPA Method 8082						
8104012-BLK1						
PCB-1016	<0.0190		mg/kg	8104012	8104012-BLK1	10/29/08 19:49
PCB-1221	<0.0110		mg/kg	8104012	8104012-BLK1	10/29/08 19:49
PCB-1232	<0.0200		mg/kg	8104012	8104012-BLK1	10/29/08 19:49
PCB-1242	<0.0140		mg/kg	8104012	8104012-BLK1	10/29/08 19:49
PCB-1248	<0.0110		mg/kg	8104012	8104012-BLK1	10/29/08 19:49
PCB-1254	<0.0190		mg/kg	8104012	8104012-BLK1	10/29/08 19:49
PCB-1260	<0.0140		mg/kg	8104012	8104012-BLK1	10/29/08 19:49
Surrogate: Tetrachloro-meta-xylene	96%			8104012	8104012-BLK1	10/29/08 19:49
Surrogate: Decachlorobiphenyl	60%			8104012	8104012-BLK1	10/29/08 19:49

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2428
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Kiran Sears	Received:	10/23/08 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Polychlorinated Biphenyls in Oil by EPA Method 8082								
8104012-BS1								
PCB-1248	5.00	6.03	MNR1	mg/kg	121%	30 - 138	8104012	10/29/08 20:09
Surrogate: Tetrachloro-meta-xylene	0.500	0.490			98%	15 - 150	8104012	10/29/08 20:09
Surrogate: Decachlorobiphenyl	0.500	0.310			62%	10 - 146	8104012	10/29/08 20:09

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2428
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Kiran Sears	Received:	10/23/08 08:00

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	AIHA	Nelac	Illinois
SW846 8082	Oil	N/A	X	X

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2428
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Kiran Sears	Received:	10/23/08 08:00

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRJ2428
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Kiran Sears	Received:	10/23/08 08:00

DATA QUALIFIERS AND DEFINITIONS

MNR1 There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.

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.

ND Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville, TN

COOLER RECEIP

IR.12428

Cooler Received/Opened On 10/23/2008 @ 0800

1. Tracking # 6158 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID A00466

2. Temperature of rep. sample or temp blank when opened: 1.1 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO..NA

4. Were custody seals on outside of cooler? YES...NO...NA

   If yes, how many and where: 1 (front) 1 (back)

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

   Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

   b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

   b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

   If preservation in-house was needed, record standard ID of preservative used here_____

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#_____

Custody seals were on the bubblewrap the Containers were in.

BIS = Broken in shipment

Cooler Receipt Form.doc

LF-1

End of Form

Revised 9/6/07

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax:(615) 726-3404

Page 1 of 1

Client: Mabbett & Associates, Inc. (10615)
Address: 5 Alfred Circle
City, State, Zip: Bedford MA 01730
Client Invoice Contact: Attn: Accounts Payable
Client Project Mgr: Kiran Sears
Client Telephone#: (781) 275-6050 Fax: (781) 275-5651
Sampler Name (Print): Kiran Sears
SamplerSignature: Kiran Sears

TA Account #: 1408030 PO #:
Invoice to: Mabbett & Associates, Inc. (10615)
Report to: ~~Julie Hetmerdinger~~ KS Kiran Sears
Project Name: Bodycote
Facility ID: 1998002.242/244
Site Address:
City,State,Zip: Illinois
Regulatory District (CA):

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	OIL (specify) Other	Analyze for: 8082 PCBs	8082 PCBs in Oil	8260B Volatile Organics	Cyanide Dissociable SM4500-CN I	Cyanide Total 9012B									RUSH TAT (Pre Schedule) *
M2A-114	10/22	0830	1	✓										✓						✓		✓													
M&A-113	10/22	0900	1	✓										✓						✓		✓													

NRJ2428
11/03/08 23:59

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.
* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments;additional charges may be assessed.
There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 12433

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
Kiran Sears	10/22/08	1600						

Shipped Via:
Received for TestAmerica by: Date: 10-23-08 Time: 0800
Shipped Via:
Temperature Upon Receipt: 1.1
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (Please Circle One): Level 2 Level 3 Level 4 Site Specific
(If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)
Date Due of Report:

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

December 24, 2008 12:47:36PM

Client: Mabbett & Associates, Inc. (10615)
5 Alfred Circle
Bedford, MA 01730
Attn: Christopher Mabbett

Work Order: NRL1917
Project Name: Bodycote
Project Nbr: 1998002.242/244
P/O Nbr:
Date Received: 12/19/08

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
M&A-111	NRL1917-01	12/17/08 13:15
M&A-111F	NRL1917-02	12/17/08 13:15
M&A-113	NRL1917-03	12/17/08 12:00
M&A-113F	NRL1917-04	12/17/08 12:00
M&A-104	NRL1917-05	12/17/08 10:15
M&A-104F	NRL1917-06	12/17/08 10:15
M&A-121	NRL1917-07	12/17/08 16:30
M&A-120	NRL1917-08	12/17/08 15:15

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

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RELEASED
9/21/20 – 2020-003646
TJW per CLM

The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainty is available upon request.
This report has been electronically signed.
Report Approved By:

Roxanne L. Connor

Roxanne Connor

Program Manager - Conventional Accounts

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRL1917
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	12/19/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRL1917-01 (M&A-111 - Ground Water) Sampled: 12/17/08 13:15								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	12/23/08 01:44	SW846 8082	8123321
PCB-1221	ND		ug/L	0.500	1	12/23/08 01:44	SW846 8082	8123321
PCB-1232	ND		ug/L	0.500	1	12/23/08 01:44	SW846 8082	8123321
PCB-1242	ND		ug/L	0.500	1	12/23/08 01:44	SW846 8082	8123321
PCB-1248	ND		ug/L	0.500	1	12/23/08 01:44	SW846 8082	8123321
PCB-1254	ND		ug/L	0.500	1	12/23/08 01:44	SW846 8082	8123321
PCB-1260	ND		ug/L	0.500	1	12/23/08 01:44	SW846 8082	8123321
Surr: Tetrachloro-meta-xylene (29-137%)	*84 %*					*12/23/08 01:44*	*SW846 8082*	*8123321*
Surr: Decachlorobiphenyl (10-146%)	*103 %*					*12/23/08 01:44*	*SW846 8082*	*8123321*
Sample ID: NRL1917-02 (M&A-111F - Ground Water) Sampled: 12/17/08 13:15								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	12/23/08 02:04	SW846 8082	8123321
PCB-1221	ND		ug/L	0.500	1	12/23/08 02:04	SW846 8082	8123321
PCB-1232	ND		ug/L	0.500	1	12/23/08 02:04	SW846 8082	8123321
PCB-1242	ND		ug/L	0.500	1	12/23/08 02:04	SW846 8082	8123321
PCB-1248	ND		ug/L	0.500	1	12/23/08 02:04	SW846 8082	8123321
PCB-1254	ND		ug/L	0.500	1	12/23/08 02:04	SW846 8082	8123321
PCB-1260	ND		ug/L	0.500	1	12/23/08 02:04	SW846 8082	8123321
Surr: Tetrachloro-meta-xylene (29-137%)	*79 %*					*12/23/08 02:04*	*SW846 8082*	*8123321*
Surr: Decachlorobiphenyl (10-146%)	*101 %*					*12/23/08 02:04*	*SW846 8082*	*8123321*
Sample ID: NRL1917-03 (M&A-113 - Ground Water) Sampled: 12/17/08 12:00								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	12/23/08 09:57	SW846 8082	8123321
PCB-1221	ND		ug/L	0.500	1	12/23/08 09:57	SW846 8082	8123321
PCB-1232	ND		ug/L	0.500	1	12/23/08 09:57	SW846 8082	8123321
PCB-1242	ND		ug/L	0.500	1	12/23/08 09:57	SW846 8082	8123321
PCB-1248	**1.29**		ug/L	0.500	1	12/23/08 09:57	SW846 8082	8123321
PCB-1254	ND		ug/L	0.500	1	12/23/08 09:57	SW846 8082	8123321
PCB-1260	ND		ug/L	0.500	1	12/23/08 09:57	SW846 8082	8123321
Surr: Tetrachloro-meta-xylene (29-137%)	*86 %*					*12/23/08 09:57*	*SW846 8082*	*8123321*
Surr: Decachlorobiphenyl (10-146%)	*102 %*					*12/23/08 09:57*	*SW846 8082*	*8123321*
Sample ID: NRL1917-04 (M&A-113F - Ground Water) Sampled: 12/17/08 12:00								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	12/23/08 02:45	SW846 8082	8123321
PCB-1221	ND		ug/L	0.500	1	12/23/08 02:45	SW846 8082	8123321
PCB-1232	ND		ug/L	0.500	1	12/23/08 02:45	SW846 8082	8123321
PCB-1242	ND		ug/L	0.500	1	12/23/08 02:45	SW846 8082	8123321
PCB-1248	ND		ug/L	0.500	1	12/23/08 02:45	SW846 8082	8123321
PCB-1254	ND		ug/L	0.500	1	12/23/08 02:45	SW846 8082	8123321
PCB-1260	ND		ug/L	0.500	1	12/23/08 02:45	SW846 8082	8123321
Surr: Tetrachloro-meta-xylene (29-137%)	*86 %*					*12/23/08 02:45*	*SW846 8082*	*8123321*

TestAmerica
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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRL1917
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	12/19/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRL1917-04 (M&A-113F - Ground Water) - cont. Sampled: 12/17/08 12:00								
Polychlorinated Biphenyls by EPA Method 8082 - cont.								
Surr: Decachlorobiphenyl (10-146%)	*117 %*					*12/23/08 02:45*	*SW846 8082*	*8123321*
Sample ID: NRL1917-05 (M&A-104 - Ground Water) Sampled: 12/17/08 10:15								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	12/23/08 03:05	SW846 8082	8123321
PCB-1221	ND		ug/L	0.500	1	12/23/08 03:05	SW846 8082	8123321
PCB-1232	ND		ug/L	0.500	1	12/23/08 03:05	SW846 8082	8123321
PCB-1242	ND		ug/L	0.500	1	12/23/08 03:05	SW846 8082	8123321
PCB-1248	ND		ug/L	0.500	1	12/23/08 03:05	SW846 8082	8123321
PCB-1254	ND		ug/L	0.500	1	12/23/08 03:05	SW846 8082	8123321
PCB-1260	ND		ug/L	0.500	1	12/23/08 03:05	SW846 8082	8123321
Surr: Tetrachloro-meta-xylene (29-137%)	*81 %*					*12/23/08 03:05*	*SW846 8082*	*8123321*
Surr: Decachlorobiphenyl (10-146%)	*115 %*					*12/23/08 03:05*	*SW846 8082*	*8123321*
Sample ID: NRL1917-06 (M&A-104F - Ground Water) Sampled: 12/17/08 10:15								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	12/23/08 03:25	SW846 8082	8123321
PCB-1221	ND		ug/L	0.500	1	12/23/08 03:25	SW846 8082	8123321
PCB-1232	ND		ug/L	0.500	1	12/23/08 03:25	SW846 8082	8123321
PCB-1242	ND		ug/L	0.500	1	12/23/08 03:25	SW846 8082	8123321
PCB-1248	ND		ug/L	0.500	1	12/23/08 03:25	SW846 8082	8123321
PCB-1254	ND		ug/L	0.500	1	12/23/08 03:25	SW846 8082	8123321
PCB-1260	ND		ug/L	0.500	1	12/23/08 03:25	SW846 8082	8123321
Surr: Tetrachloro-meta-xylene (29-137%)	*78 %*					*12/23/08 03:25*	*SW846 8082*	*8123321*
Surr: Decachlorobiphenyl (10-146%)	*115 %*					*12/23/08 03:25*	*SW846 8082*	*8123321*
Sample ID: NRL1917-07 (M&A-121 - Ground Water) Sampled: 12/17/08 16:30								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	12/23/08 03:46	SW846 8082	8123321
PCB-1221	ND		ug/L	0.500	1	12/23/08 03:46	SW846 8082	8123321
PCB-1232	ND		ug/L	0.500	1	12/23/08 03:46	SW846 8082	8123321
PCB-1242	ND		ug/L	0.500	1	12/23/08 03:46	SW846 8082	8123321
PCB-1248	ND		ug/L	0.500	1	12/23/08 03:46	SW846 8082	8123321
PCB-1254	ND		ug/L	0.500	1	12/23/08 03:46	SW846 8082	8123321
PCB-1260	ND		ug/L	0.500	1	12/23/08 03:46	SW846 8082	8123321
Surr: Tetrachloro-meta-xylene (29-137%)	*85 %*					*12/23/08 03:46*	*SW846 8082*	*8123321*
Surr: Decachlorobiphenyl (10-146%)	*120 %*					*12/23/08 03:46*	*SW846 8082*	*8123321*
Sample ID: NRL1917-08 (M&A-120 - Ground Water) Sampled: 12/17/08 15:15								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	12/23/08 04:06	SW846 8082	8123321
PCB-1221	ND		ug/L	0.500	1	12/23/08 04:06	SW846 8082	8123321
PCB-1232	ND		ug/L	0.500	1	12/23/08 04:06	SW846 8082	8123321
PCB-1242	ND		ug/L	0.500	1	12/23/08 04:06	SW846 8082	8123321

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRL1917
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	12/19/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRL1917-08 (M&A-120 - Ground Water) - cont. Sampled: 12/17/08 15:15								
Polychlorinated Biphenyls by EPA Method 8082 - cont.								
PCB-1248	ND		ug/L	0.500	1	12/23/08 04:06	SW846 8082	8123321
PCB-1254	ND		ug/L	0.500	1	12/23/08 04:06	SW846 8082	8123321
PCB-1260	ND		ug/L	0.500	1	12/23/08 04:06	SW846 8082	8123321
Surr: Tetrachloro-meta-xylene (29-137%)	*84 %*					*12/23/08 04:06*	*SW846 8082*	*8123321*
Surr: Decachlorobiphenyl (10-146%)	*115 %*					*12/23/08 04:06*	*SW846 8082*	*8123321*

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	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	12/19/08 08:15

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Polychlorinated Biphenyls by EPA Method 8082							
SW846 8082	8123321	NRL1917-01	500.00	2.00	12/20/08 13:15	MBG	EPA 3510C
SW846 8082	8123321	NRL1917-02	500.00	2.00	12/20/08 13:15	MBG	EPA 3510C
SW846 8082	8123321	NRL1917-03	500.00	2.00	12/20/08 13:15	MBG	EPA 3510C
SW846 8082	8123321	NRL1917-03RE1	500.00	2.00	12/20/08 13:15	MBG	EPA 3510C
SW846 8082	8123321	NRL1917-04	500.00	2.00	12/20/08 13:15	MBG	EPA 3510C
SW846 8082	8123321	NRL1917-05	500.00	2.00	12/20/08 13:15	MBG	EPA 3510C
SW846 8082	8123321	NRL1917-06	500.00	2.00	12/20/08 13:15	MBG	EPA 3510C
SW846 8082	8123321	NRL1917-07	500.00	2.00	12/20/08 13:15	MBG	EPA 3510C
SW846 8082	8123321	NRL1917-08	500.00	2.00	12/20/08 13:15	MBG	EPA 3510C

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Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRL1917
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	12/19/08 08:15

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Polychlorinated Biphenyls by EPA Method 8082						
8123321-BLK1						
PCB-1016	<0.250		ug/L	8123321	8123321-BLK1	12/23/08 00:43
PCB-1221	<0.450		ug/L	8123321	8123321-BLK1	12/23/08 00:43
PCB-1232	<0.440		ug/L	8123321	8123321-BLK1	12/23/08 00:43
PCB-1242	<0.330		ug/L	8123321	8123321-BLK1	12/23/08 00:43
PCB-1248	<0.450		ug/L	8123321	8123321-BLK1	12/23/08 00:43
PCB-1254	<0.460		ug/L	8123321	8123321-BLK1	12/23/08 00:43
PCB-1260	<0.220		ug/L	8123321	8123321-BLK1	12/23/08 00:43
Surrogate: Tetrachloro-meta-xylene	93%			8123321	8123321-BLK1	12/23/08 00:43
Surrogate: Decachlorobiphenyl	122%			8123321	8123321-BLK1	12/23/08 00:43

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Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRL1917
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	12/19/08 08:15

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Polychlorinated Biphenyls by EPA Method 8082								
8123321-BS1								
PCB-1254	10.0	9.53	MNR1	ug/L	95%	26 - 135	8123321	12/23/08 01:03
Surrogate: Tetrachloro-meta-xylene	1.00	0.892			89%	29 - 137	8123321	12/23/08 01:03
Surrogate: Decachlorobiphenyl	1.00	1.20			120%	10 - 146	8123321	12/23/08 01:03

TestAmerica
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Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRL1917
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	12/19/08 08:15

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Polychlorinated Biphenyls by EPA Method 8082												
8123321-BSD1												
PCB-1254		9.62		ug/L	10.0	96%	26 - 135	0.9	50	8123321		12/23/08 01:23
Surrogate: Tetrachloro-meta-xylene		0.884		ug/L	1.00	88%	29 - 137			8123321		12/23/08 01:23
Surrogate: Decachlorobiphenyl		1.20		ug/L	1.00	120%	10 - 146			8123321		12/23/08 01:23

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRL1917
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	12/19/08 08:15

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	AIHA	Nelac	Illinois
SW846 8082	Water	N/A	X	X

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRL1917
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	12/19/08 08:15

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRL1917
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	12/19/08 08:15

DATA QUALIFIERS AND DEFINITIONS

MNR1 There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.

ND Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville, TN

COOLER RE

NRI 101

Cooler Received/Opened On 12 / 19/ 08 @ 8:15

1. Tracking # 7961 (last 4 digits, FedEx

Courier: FED-EX IR Gun ID 90942856

2. Temperature of rep. sample or temp blank when opened: 0 2 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where:

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial)

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 1

I certify that I unloaded the cooler and answered questions 7-14 (intial)

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial)

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial)

I certify that I attached a label with the unique LIMS number to each container (intial)

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#

BIS = Broken in shipment

End of Form

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

Cooler Received/Opened On 12 / 19/ 08 @ 8:15

1. Tracking # 2245 (last 4 digits, FedEx)

Courier: FED-EX IR Gun ID 90942856

2. Temperature of rep. sample or temp blank when opened: 0.4 *Degrees Celsius*
3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA
4. Were custody seals on outside of cooler? YES..NO..NA

   If yes, how many and where: _____
5. Were the seals intact, signed, and dated correctly? YES...NO..NA
6. Were custody papers inside cooler? YES..NO..NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO..NA

   Were these signed and dated correctly? YES...NO..NA
8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None
9. Cooling process: Ice Ice-pack Ice (direct contact) Dry Ice Other None
10. Did all containers arrive in good condition (unbroken)? YES...NO...NA
11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA
12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

   b. Was there any observable headspace present in any VOA vial? YES...NO...NA
14. Was there a Trip Blank in this cooler? YES..NO..NA If multiple coolers, sequence # 2

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

   b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

   If preservation in-house was needed, record standard ID of preservative used here _____
16. Was residual chlorine present? YES..NO..NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA
18. Did you sign the custody papers in the appropriate place? YES...NO...NA
19. Were correct containers used for the analysis requested? YES...NO...NA
20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES..NO Was a PIPE generated? YES..NO...# _____

BIS = Broken in shipment

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60466
Phone: 708.534.5200 Fax: 708.534.5211

Chain of Custody Record

(optional)

Report To
Contact: Chris Mabbett
Company: Mabbett & Assoc
Address: 1005 Main St
Address: Unit 1217
Phone: Pawtucket RI 02860
Fax:
E-Mail: cmabbett@mabbett.com

(optional)

Bill To
Contact:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

NRL1917
12/31/08 23:59

Lab Job #:
Chain of Custody Number:
Page ____ of ____
Temperature °C of Cooler:

Client: Mabbett & Assoc.
Client Project #: 1995002
Project Name: Bodycote
Project Location/State: Melrose Park, IL
Lab Project #:
Sampler: CLM
Lab PM:
Preservative: None
Parameter: CLM

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. Cool to 4°
7. None
8. Other

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	Comments
01		M&A-111	12/17/08	1315	2	GW	
02		M&A-111 F		1315	2	GW	
03		M&A-113		1200	2	GW	
04		M&A-113 F		1200	2	GW	
05		M&A-104		1015	2	GW	
06		M&A-104 F		1015	2	GW	
07		M&A-121		1630	2	GW	
08		M&A-120		1515	2	GW	

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days X 10 days ___ 15 Days ___ Other

Sample Disposal
☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	M&A	12/18/05	10:07	[signature]	TA	12/18/9	1015
[signature]	TA	12/18/8					
				[signature]		12/19	8:15

Lab Courier
Shipped
Hand Delivered

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments: Std turn around

Lab Comments: 0.8, 0.4 °C

TAL-4124-500 (0308)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

May 14, 2008 3:05:59PM

Client: Mabbett & Associates, Inc. (10615)
5 Alfred Circle
Bedford, MA 01730
Attn: Julie Heimerdinger

Work Order: NRD1638
Project Name: Bodycote
Project Nbr: 1998002.215
P/O Nbr:
Date Received: 04/18/08

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MCA-2	NRD1638-01	04/16/08 09:00
M&A-103	NRD1638-02	04/16/08 17:05
M&A-104	NRD1638-03	04/16/08 13:50
M&A-106	NRD1638-04	04/16/08 10:35
M&A-111	NRD1638-05	04/16/08 14:10
M&A-112	NRD1638-06	04/16/08 11:40
M&A-113	NRD1638-07	04/16/08 17:10
M&A-114	NRD1638-08	04/16/08 17:20
M&A-116	NRD1638-09	04/16/08 09:50
M&A-117	NRD1638-10	04/16/08 10:15
M&A-119	NRD1638-11	04/16/08 15:15
M&A-120	NRD1638-12	04/16/08 09:45
M&A-121	NRD1638-13	04/16/08 08:50
M&A-122	NRD1638-14	04/16/08 16:55
M&A-124	NRD1638-15	04/16/08 11:30
M&A-126	NRD1638-16	04/16/08 15:40
M&A-130	NRD1638-17	04/16/08 16:20
M&A-301	NRD1638-18	04/16/08 17:00
M&A-211	NRD1638-19	04/15/08 16:00
M&A-219	NRD1638-20	04/15/08 16:05
M&A-222	NRD1638-21	04/15/08 16:30
M&A-226	NRD1638-22	04/15/08 15:00
Trip Blank	NRD1638-23	04/15/08 00:01

An executed copy of the chain of custody, the project quality control data, and the sample-receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

RELEASED
9/21/20 – 2020-003646
TJW per CLM

Additional Laboratory Comments:

Report was revised on 05/15/08 to amend the Total Cyanide result for sample NRD1638-20 after client inquiry revealed data entry error. This replaces the final report generated on 04/25/08 at 16:57.
Illinois Certification Number: 001915
The Chain(s) of Custody, 7 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainty is available upon request.
This report has been electronically signed.
Report Approved By:

Bridget Minor Cole

Bridget Minor Cole

Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-01 (MCA-2 - Ground Water) Sampled: 04/16/08 09:00								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/22/08 02:06	SW846 8082	8042894
PCB-1221	ND		ug/L	0.500	1	04/22/08 02:06	SW846 8082	8042894
PCB-1232	ND		ug/L	0.500	1	04/22/08 02:06	SW846 8082	8042894
PCB-1242	ND		ug/L	0.500	1	04/22/08 02:06	SW846 8082	8042894
PCB-1248	ND		ug/L	0.500	1	04/22/08 02:06	SW846 8082	8042894
PCB-1254	ND		ug/L	0.500	1	04/22/08 02:06	SW846 8082	8042894
PCB-1260	ND		ug/L	0.500	1	04/22/08 02:06	SW846 8082	8042894
Surr: Tetrachloro-meta-xylene (29-137%)	*74 %*					*04/22/08 02:06*	*SW846 8082*	*8042894*
Surr: Decachlorobiphenyl (10-146%)	*45 %*					*04/22/08 02:06*	*SW846 8082*	*8042894*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/19/08 04:56	SW846 8260B	8042893
Benzene	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
Bromobenzene	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
Bromochloromethane	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
Bromodichloromethane	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
Bromoform	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
Bromomethane	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
2-Butanone	ND		ug/L	50.0	1	04/19/08 04:56	SW846 8260B	8042893
sec-Butylbenzene	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
n-Butylbenzene	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
tert-Butylbenzene	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
Carbon disulfide	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
Carbon Tetrachloride	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
Chlorobenzene	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
Chlorodibromomethane	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
Chloroethane	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
Chloroform	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
Chloromethane	ND	C, L, M7	ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
2-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
4-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/19/08 04:56	SW846 8260B	8042893
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
Dibromomethane	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
1,1-Dichloroethane	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
1,2-Dichloroethane	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
1,1-Dichloroethene	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
1,3-Dichloropropane	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-01 (MCA-2 - Ground Water) - cont. Sampled: 04/16/08 09:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
2,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
1,1-Dichloropropene	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
Ethylbenzene	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
Hexachlorobutadiene	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
2-Hexanone	ND		ug/L	50.0	1	04/19/08 04:56	SW846 8260B	8042893
Isopropylbenzene	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
p-Isopropyltoluene	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
Methylene Chloride	ND		ug/L	5.00	1	04/19/08 04:56	SW846 8260B	8042893
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/19/08 04:56	SW846 8260B	8042893
Naphthalene	ND	M7	ug/L	5.00	1	04/19/08 04:56	SW846 8260B	8042893
n-Propylbenzene	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
Styrene	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
Tetrachloroethene	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
Toluene	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
Trichloroethene	**1.03**		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
Trichlorofluoromethane	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
Vinyl chloride	ND		ug/L	1.00	1	04/19/08 04:56	SW846 8260B	8042893
Xylenes, total	ND		ug/L	3.00	1	04/19/08 04:56	SW846 8260B	8042893
Surr: 1,2-Dichloroethane-d4 (60-140%)	*84 %*					*04/19/08 04:56*	*SW846 8260B*	*8042893*
Surr: Dibromofluoromethane (75-124%)	*83 %*					*04/19/08 04:56*	*SW846 8260B*	*8042893*
Surr: Toluene-d8 (78-121%)	*83 %*					*04/19/08 04:56*	*SW846 8260B*	*8042893*
Surr: 4-Bromofluorobenzene (79-124%)	*82 %*					*04/19/08 04:56*	*SW846 8260B*	*8042893*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-02 (M&A-103 - Ground Water) Sampled: 04/16/08 17:05								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/22/08 02:26	SW846 8082	8042894
PCB-1221	ND		ug/L	0.500	1	04/22/08 02:26	SW846 8082	8042894
PCB-1232	ND		ug/L	0.500	1	04/22/08 02:26	SW846 8082	8042894
PCB-1242	ND		ug/L	0.500	1	04/22/08 02:26	SW846 8082	8042894
PCB-1248	ND		ug/L	0.500	1	04/22/08 02:26	SW846 8082	8042894
PCB-1254	ND		ug/L	0.500	1	04/22/08 02:26	SW846 8082	8042894
PCB-1260	ND		ug/L	0.500	1	04/22/08 02:26	SW846 8082	8042894
Surr: Tetrachloro-meta-xylene (29-137%)	*78 %*					*04/22/08 02:26*	*SW846 8082*	*8042894*
Surr: Decachlorobiphenyl (10-146%)	*40 %*					*04/22/08 02:26*	*SW846 8082*	*8042894*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND	pH	ug/L	50.0	1	04/19/08 05:21	SW846 8260B	8042893
Benzene	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
Bromobenzene	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
Bromochloromethane	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
Bromodichloromethane	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
Bromoform	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
Bromomethane	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
2-Butanone	ND	pH	ug/L	50.0	1	04/19/08 05:21	SW846 8260B	8042893
sec-Butylbenzene	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
n-Butylbenzene	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
tert-Butylbenzene	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
Carbon disulfide	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
Carbon Tetrachloride	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
Chlorobenzene	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
Chlorodibromomethane	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
Chloroethane	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
Chloroform	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
Chloromethane	ND	C, L, pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
2-Chlorotoluene	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
4-Chlorotoluene	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
1,2-Dibromo-3-chloropropane	ND	pH	ug/L	5.00	1	04/19/08 05:21	SW846 8260B	8042893
1,2-Dibromoethane (EDB)	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
Dibromomethane	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
1,4-Dichlorobenzene	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
1,3-Dichlorobenzene	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
1,2-Dichlorobenzene	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
Dichlorodifluoromethane	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
1,1-Dichloroethane	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
1,2-Dichloroethane	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
cis-1,2-Dichloroethene	**76.1**	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
1,1-Dichloroethene	**1.32**	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
trans-1,2-Dichloroethene	**1.29**	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
1,3-Dichloropropane	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-02 (M&A-103 - Ground Water) - cont. Sampled: 04/16/08 17:05								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloropropane	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
2,2-Dichloropropane	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
cis-1,3-Dichloropropene	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
trans-1,3-Dichloropropene	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
1,1-Dichloropropene	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
Ethylbenzene	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
Hexachlorobutadiene	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
2-Hexanone	ND	pH	ug/L	50.0	1	04/19/08 05:21	SW846 8260B	8042893
Isopropylbenzene	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
p-Isopropyltoluene	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
Methyl tert-Butyl Ether	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
Methylene Chloride	ND	pH	ug/L	5.00	1	04/19/08 05:21	SW846 8260B	8042893
4-Methyl-2-pentanone	ND	pH	ug/L	10.0	1	04/19/08 05:21	SW846 8260B	8042893
Naphthalene	ND	pH	ug/L	5.00	1	04/19/08 05:21	SW846 8260B	8042893
n-Propylbenzene	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
Styrene	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
1,1,1,2-Tetrachloroethane	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
1,1,2,2-Tetrachloroethane	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
Tetrachloroethene	**2.82**	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
Toluene	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
1,2,3-Trichlorobenzene	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
1,2,4-Trichlorobenzene	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
1,1,2-Trichloroethane	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
1,1,1-Trichloroethane	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
Trichloroethene	**403**		ug/L	20.0	20	04/20/08 12:41	SW846 8260B	8043293
Trichlorofluoromethane	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
1,2,3-Trichloropropane	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
1,3,5-Trimethylbenzene	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
1,2,4-Trimethylbenzene	ND	pH	ug/L	1.00	1	04/19/08 05:21	SW846 8260B	8042893
Vinyl chloride	**272**		ug/L	20.0	20	04/20/08 12:41	SW846 8260B	8043293
Xylenes, total	ND	pH	ug/L	3.00	1	04/19/08 05:21	SW846 8260B	8042893
Surr: 1,2-Dichloroethane-d4 (60-140%)	*81 %*					*04/19/08 05:21*	*SW846 8260B*	*8042893*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*79 %*					*04/20/08 12:41*	*SW846 8260B*	*8043293*
Surr: Dibromofluoromethane (75-124%)	*83 %*					*04/19/08 05:21*	*SW846 8260B*	*8042893*
Surr: Dibromofluoromethane (75-124%)	*80 %*					*04/20/08 12:41*	*SW846 8260B*	*8043293*
Surr: Toluene-d8 (78-121%)	*84 %*					*04/19/08 05:21*	*SW846 8260B*	*8042893*
Surr: Toluene-d8 (78-121%)	*87 %*					*04/20/08 12:41*	*SW846 8260B*	*8043293*
Surr: 4-Bromofluorobenzene (79-124%)	*83 %*					*04/19/08 05:21*	*SW846 8260B*	*8042893*
Surr: 4-Bromofluorobenzene (79-124%)	*81 %*					*04/20/08 12:41*	*SW846 8260B*	*8043293*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
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Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-03 (M&A-104 - Ground Water) Sampled: 04/16/08 13:50								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/22/08 02:46	SW846 8082	8042894
PCB-1221	ND		ug/L	0.500	1	04/22/08 02:46	SW846 8082	8042894
PCB-1232	ND		ug/L	0.500	1	04/22/08 02:46	SW846 8082	8042894
PCB-1242	ND		ug/L	0.500	1	04/22/08 02:46	SW846 8082	8042894
PCB-1248	ND		ug/L	0.500	1	04/22/08 02:46	SW846 8082	8042894
PCB-1254	ND		ug/L	0.500	1	04/22/08 02:46	SW846 8082	8042894
PCB-1260	ND		ug/L	0.500	1	04/22/08 02:46	SW846 8082	8042894
Surr: Tetrachloro-meta-xylene (29-137%)	*76 %*					*04/22/08 02:46*	*SW846 8082*	*8042894*
Surr: Decachlorobiphenyl (10-146%)	*78 %*					*04/22/08 02:46*	*SW846 8082*	*8042894*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/19/08 05:46	SW846 8260B	8042893
Benzene	**1.96**		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
Bromobenzene	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
Bromochloromethane	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
Bromodichloromethane	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
Bromoform	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
Bromomethane	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
2-Butanone	ND		ug/L	50.0	1	04/19/08 05:46	SW846 8260B	8042893
sec-Butylbenzene	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
n-Butylbenzene	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
tert-Butylbenzene	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
Carbon disulfide	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
Carbon Tetrachloride	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
Chlorobenzene	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
Chlorodibromomethane	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
Chloroethane	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
Chloroform	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
Chloromethane	ND	C, L	ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
2-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
4-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/19/08 05:46	SW846 8260B	8042893
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
Dibromomethane	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
1,2-Dichlorobenzene	**1.43**		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
1,1-Dichloroethane	**12.5**		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
1,2-Dichloroethane	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
cis-1,2-Dichloroethene	**48500**		ug/L	500	500	04/20/08 13:31	SW846 8260B	8043293
1,1-Dichloroethene	**175**		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
trans-1,2-Dichloroethene	**390**		ug/L	20.0	20	04/20/08 13:06	SW846 8260B	8043293
1,3-Dichloropropane	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-03 (M&A-104 - Ground Water) - cont. Sampled: 04/16/08 13:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
2,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
1,1-Dichloropropene	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
Ethylbenzene	**5.74**		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
Hexachlorobutadiene	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
2-Hexanone	ND		ug/L	50.0	1	04/19/08 05:46	SW846 8260B	8042893
Isopropylbenzene	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
p-Isopropyltoluene	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
Methylene Chloride	ND		ug/L	5.00	1	04/19/08 05:46	SW846 8260B	8042893
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/19/08 05:46	SW846 8260B	8042893
Naphthalene	ND		ug/L	5.00	1	04/19/08 05:46	SW846 8260B	8042893
n-Propylbenzene	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
Styrene	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
Tetrachloroethene	**1470**		ug/L	20.0	20	04/20/08 13:06	SW846 8260B	8043293
Toluene	**84.1**		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
Trichloroethene	**246000**		ug/L	5000	5000	04/21/08 23:43	SW846 8260B	8043717
Trichlorofluoromethane	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 05:46	SW846 8260B	8042893
Vinyl chloride	**3140**		ug/L	20.0	20	04/20/08 13:06	SW846 8260B	8043293
Xylenes, total	**11.2**		ug/L	3.00	1	04/19/08 05:46	SW846 8260B	8042893
Surr: 1,2-Dichloroethane-d4 (60-140%)	*71 %*					*04/19/08 05:46*	*SW846 8260B*	*8042893*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*76 %*					*04/20/08 13:06*	*SW846 8260B*	*8043293*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*78 %*					*04/20/08 13:31*	*SW846 8260B*	*8043293*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*102 %*					*04/21/08 23:43*	*SW846 8260B*	*8043717*
Surr: Dibromofluoromethane (75-124%)	*74 %*	*Z10*				*04/19/08 05:46*	*SW846 8260B*	*8042893*
Surr: Dibromofluoromethane (75-124%)	*78 %*					*04/20/08 13:06*	*SW846 8260B*	*8043293*
Surr: Dibromofluoromethane (75-124%)	*80 %*					*04/20/08 13:31*	*SW846 8260B*	*8043293*
Surr: Dibromofluoromethane (75-124%)	*98 %*					*04/21/08 23:43*	*SW846 8260B*	*8043717*
Surr: Toluene-d8 (78-121%)	*77 %*	*Z10*				*04/19/08 05:46*	*SW846 8260B*	*8042893*
Surr: Toluene-d8 (78-121%)	*84 %*					*04/20/08 13:06*	*SW846 8260B*	*8043293*
Surr: Toluene-d8 (78-121%)	*86 %*					*04/20/08 13:31*	*SW846 8260B*	*8043293*
Surr: Toluene-d8 (78-121%)	*109 %*					*04/21/08 23:43*	*SW846 8260B*	*8043717*
Surr: 4-Bromofluorobenzene (79-124%)	*90 %*					*04/19/08 05:46*	*SW846 8260B*	*8042893*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-03 (M&A-104 - Ground Water) - cont. Sampled: 04/16/08 13:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: 4-Bromofluorobenzene (79-124%)	*82 %*					*04/20/08 13:06*	*SW846 8260B*	*8043293*
Surr: 4-Bromofluorobenzene (79-124%)	*81 %*					*04/20/08 13:31*	*SW846 8260B*	*8043293*
Surr: 4-Bromofluorobenzene (79-124%)	*95 %*					*04/21/08 23:43*	*SW846 8260B*	*8043717*
Sample ID: NRD1638-04 (M&A-106 - Ground Water) Sampled: 04/16/08 10:35								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/22/08 03:07	SW846 8082	8042894
PCB-1221	ND		ug/L	0.500	1	04/22/08 03:07	SW846 8082	8042894
PCB-1232	ND		ug/L	0.500	1	04/22/08 03:07	SW846 8082	8042894
PCB-1242	ND		ug/L	0.500	1	04/22/08 03:07	SW846 8082	8042894
PCB-1248	ND		ug/L	0.500	1	04/22/08 03:07	SW846 8082	8042894
PCB-1254	ND		ug/L	0.500	1	04/22/08 03:07	SW846 8082	8042894
PCB-1260	ND		ug/L	0.500	1	04/22/08 03:07	SW846 8082	8042894
Surr: Tetrachloro-meta-xylene (29-137%)	*77 %*					*04/22/08 03:07*	*SW846 8082*	*8042894*
Surr: Decachlorobiphenyl (10-146%)	*84 %*					*04/22/08 03:07*	*SW846 8082*	*8042894*
Sample ID: NRD1638-05 (M&A-111 - Ground Water) Sampled: 04/16/08 14:10								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/22/08 03:27	SW846 8082	8042894
PCB-1221	ND		ug/L	0.500	1	04/22/08 03:27	SW846 8082	8042894
PCB-1232	ND		ug/L	0.500	1	04/22/08 03:27	SW846 8082	8042894
PCB-1242	ND		ug/L	0.500	1	04/22/08 03:27	SW846 8082	8042894
PCB-1248	ND		ug/L	0.500	1	04/22/08 03:27	SW846 8082	8042894
PCB-1254	ND		ug/L	0.500	1	04/22/08 03:27	SW846 8082	8042894
PCB-1260	ND		ug/L	0.500	1	04/22/08 03:27	SW846 8082	8042894
Surr: Tetrachloro-meta-xylene (29-137%)	*74 %*					*04/22/08 03:27*	*SW846 8082*	*8042894*
Surr: Decachlorobiphenyl (10-146%)	*40 %*					*04/22/08 03:27*	*SW846 8082*	*8042894*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/19/08 06:12	SW846 8260B	8042893
Benzene	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
Bromobenzene	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
Bromochloromethane	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
Bromodichloromethane	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
Bromoform	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
Bromomethane	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
2-Butanone	ND		ug/L	50.0	1	04/19/08 06:12	SW846 8260B	8042893
sec-Butylbenzene	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
n-Butylbenzene	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
tert-Butylbenzene	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
Carbon disulfide	**42.2**		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
Carbon Tetrachloride	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
Chlorobenzene	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
Chlorodibromomethane	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-05 (M&A-111 - Ground Water) - cont. Sampled: 04/16/08 14:10								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroethane	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
Chloroform	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
Chloromethane	ND		ug/L	1.00	1	04/22/08 00:53	SW846 8260B	8043717
2-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
4-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/19/08 06:12	SW846 8260B	8042893
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
Dibromomethane	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
1,1-Dichloroethane	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
1,2-Dichloroethane	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
cis-1,2-Dichloroethene	**6140**		ug/L	100	100	04/22/08 01:40	SW846 8260B	8043717
1,1-Dichloroethene	**22.5**		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
trans-1,2-Dichloroethene	**42.0**		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
1,3-Dichloropropane	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
1,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
2,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
1,1-Dichloropropene	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
Ethylbenzene	**1.45**		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
Hexachlorobutadiene	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
2-Hexanone	ND		ug/L	50.0	1	04/19/08 06:12	SW846 8260B	8042893
Isopropylbenzene	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
p-Isopropyltoluene	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
Methylene Chloride	ND		ug/L	5.00	1	04/19/08 06:12	SW846 8260B	8042893
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/19/08 06:12	SW846 8260B	8042893
Naphthalene	ND		ug/L	5.00	1	04/19/08 06:12	SW846 8260B	8042893
n-Propylbenzene	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
Styrene	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
Tetrachloroethene	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
Toluene	**4.06**		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
Trichloroethene	**120**		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
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Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-05 (M&A-111 - Ground Water) - cont. Sampled: 04/16/08 14:10								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Trichlorofluoromethane	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 06:12	SW846 8260B	8042893
Vinyl chloride	**10400**		ug/L	100	100	04/22/08 01:40	SW846 8260B	8043717
Xylenes, total	**4.69**		ug/L	3.00	1	04/19/08 06:12	SW846 8260B	8042893
Surr: 1,2-Dichloroethane-d4 (60-140%)	*79 %*					*04/19/08 06:12*	*SW846 8260B*	*8042893*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*102 %*					*04/22/08 00:53*	*SW846 8260B*	*8043717*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*101 %*					*04/22/08 01:40*	*SW846 8260B*	*8043717*
Surr: Dibromofluoromethane (75-124%)	*88 %*					*04/19/08 06:12*	*SW846 8260B*	*8042893*
Surr: Dibromofluoromethane (75-124%)	*99 %*					*04/22/08 00:53*	*SW846 8260B*	*8043717*
Surr: Dibromofluoromethane (75-124%)	*98 %*					*04/22/08 01:40*	*SW846 8260B*	*8043717*
Surr: Toluene-d8 (78-121%)	*85 %*					*04/19/08 06:12*	*SW846 8260B*	*8042893*
Surr: Toluene-d8 (78-121%)	*106 %*					*04/22/08 00:53*	*SW846 8260B*	*8043717*
Surr: Toluene-d8 (78-121%)	*108 %*					*04/22/08 01:40*	*SW846 8260B*	*8043717*
Surr: 4-Bromofluorobenzene (79-124%)	*85 %*					*04/19/08 06:12*	*SW846 8260B*	*8042893*
Surr: 4-Bromofluorobenzene (79-124%)	*94 %*					*04/22/08 00:53*	*SW846 8260B*	*8043717*
Surr: 4-Bromofluorobenzene (79-124%)	*94 %*					*04/22/08 01:40*	*SW846 8260B*	*8043717*
Sample ID: NRD1638-06 (M&A-112 - Ground Water) Sampled: 04/16/08 11:40								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/22/08 03:47	SW846 8082	8042894
PCB-1221	ND		ug/L	0.500	1	04/22/08 03:47	SW846 8082	8042894
PCB-1232	ND		ug/L	0.500	1	04/22/08 03:47	SW846 8082	8042894
PCB-1242	ND		ug/L	0.500	1	04/22/08 03:47	SW846 8082	8042894
PCB-1248	ND		ug/L	0.500	1	04/22/08 03:47	SW846 8082	8042894
PCB-1254	ND		ug/L	0.500	1	04/22/08 03:47	SW846 8082	8042894
PCB-1260	ND		ug/L	0.500	1	04/22/08 03:47	SW846 8082	8042894
Surr: Tetrachloro-meta-xylene (29-137%)	*70 %*					*04/22/08 03:47*	*SW846 8082*	*8042894*
Surr: Decachlorobiphenyl (10-146%)	*58 %*					*04/22/08 03:47*	*SW846 8082*	*8042894*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/19/08 06:37	SW846 8260B	8042893
Benzene	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
Bromobenzene	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
Bromochloromethane	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
Bromodichloromethane	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
Bromoform	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
Bromomethane	**3.03**		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
2-Butanone	ND		ug/L	50.0	1	04/19/08 06:37	SW846 8260B	8042893
sec-Butylbenzene	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
n-Butylbenzene	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
tert-Butylbenzene	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
Carbon disulfide	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
Carbon Tetrachloride	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-06 (M&A-112 - Ground Water) - cont. Sampled: 04/16/08 11:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chlorobenzene	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
Chlorodibromomethane	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
Chloroethane	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
Chloroform	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
Chloromethane	ND		ug/L	1.00	1	04/22/08 00:06	SW846 8260B	8043717
2-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
4-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/19/08 06:37	SW846 8260B	8042893
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
Dibromomethane	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
1,1-Dichloroethane	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
1,2-Dichloroethane	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
cis-1,2-Dichloroethene	**856**		ug/L	10.0	10	04/22/08 00:30	SW846 8260B	8043717
1,1-Dichloroethene	**3.94**		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
trans-1,2-Dichloroethene	**7.34**		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
1,3-Dichloropropane	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
1,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
2,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
1,1-Dichloropropene	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
Ethylbenzene	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
Hexachlorobutadiene	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
2-Hexanone	ND		ug/L	50.0	1	04/19/08 06:37	SW846 8260B	8042893
Isopropylbenzene	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
p-Isopropyltoluene	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
Methylene Chloride	ND		ug/L	5.00	1	04/19/08 06:37	SW846 8260B	8042893
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/19/08 06:37	SW846 8260B	8042893
Naphthalene	ND		ug/L	5.00	1	04/19/08 06:37	SW846 8260B	8042893
n-Propylbenzene	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
Styrene	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
Tetrachloroethene	**2.91**		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
Toluene	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-06 (M&A-112 - Ground Water) - cont. Sampled: 04/16/08 11:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
Trichloroethene	**158**		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
Trichlorofluoromethane	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 06:37	SW846 8260B	8042893
Vinyl chloride	**182**		ug/L	1.00	1	04/22/08 00:06	SW846 8260B	8043717
Xylenes, total	ND		ug/L	3.00	1	04/19/08 06:37	SW846 8260B	8042893
Surr: 1,2-Dichloroethane-d4 (60-140%)	*80 %*					*04/19/08 06:37*	*SW846 8260B*	*8042893*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*103 %*					*04/22/08 00:06*	*SW846 8260B*	*8043717*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*100 %*					*04/22/08 00:30*	*SW846 8260B*	*8043717*
Surr: Dibromofluoromethane (75-124%)	*85 %*					*04/19/08 06:37*	*SW846 8260B*	*8042893*
Surr: Dibromofluoromethane (75-124%)	*99 %*					*04/22/08 00:06*	*SW846 8260B*	*8043717*
Surr: Dibromofluoromethane (75-124%)	*99 %*					*04/22/08 00:30*	*SW846 8260B*	*8043717*
Surr: Toluene-d8 (78-121%)	*83 %*					*04/19/08 06:37*	*SW846 8260B*	*8042893*
Surr: Toluene-d8 (78-121%)	*106 %*					*04/22/08 00:06*	*SW846 8260B*	*8043717*
Surr: Toluene-d8 (78-121%)	*108 %*					*04/22/08 00:30*	*SW846 8260B*	*8043717*
Surr: 4-Bromofluorobenzene (79-124%)	*85 %*					*04/19/08 06:37*	*SW846 8260B*	*8042893*
Surr: 4-Bromofluorobenzene (79-124%)	*96 %*					*04/22/08 00:06*	*SW846 8260B*	*8043717*
Surr: 4-Bromofluorobenzene (79-124%)	*96 %*					*04/22/08 00:30*	*SW846 8260B*	*8043717*
Sample ID: NRD1638-07 (M&A-113 - Oil) Sampled: 04/16/08 17:10								
Polychlorinated Biphenyls in Oil by EPA Method 8082								
PCB-1016	ND		mg/kg	3.33	100	04/24/08 10:54	SW846 8082	8043099
PCB-1221	ND		mg/kg	3.33	100	04/24/08 10:54	SW846 8082	8043099
PCB-1232	ND		mg/kg	3.33	100	04/24/08 10:54	SW846 8082	8043099
PCB-1242	ND		mg/kg	3.33	100	04/24/08 10:54	SW846 8082	8043099
PCB-1248	**1330**		mg/kg	3.33	100	04/24/08 10:54	SW846 8082	8043099
PCB-1254	ND		mg/kg	3.33	100	04/24/08 10:54	SW846 8082	8043099
PCB-1260	ND		mg/kg	3.33	100	04/24/08 10:54	SW846 8082	8043099
Surr: Tetrachloro-meta-xylene (15-150%)	*	*Z3*				*04/24/08 10:54*	*SW846 8082*	*8043099*
Surr: Decachlorobiphenyl (10-146%)	*	*Z3*				*04/24/08 10:54*	*SW846 8082*	*8043099*
Sample ID: NRD1638-08 (M&A-114 - Oil) Sampled: 04/16/08 17:20								
Polychlorinated Biphenyls in Oil by EPA Method 8082								
PCB-1016	ND		mg/kg	0.133	4	04/24/08 03:05	SW846 8082	8043099
PCB-1221	ND		mg/kg	0.133	4	04/24/08 03:05	SW846 8082	8043099
PCB-1232	ND		mg/kg	0.133	4	04/24/08 03:05	SW846 8082	8043099
PCB-1242	ND		mg/kg	0.133	4	04/24/08 03:05	SW846 8082	8043099
PCB-1248	**36.0**		mg/kg	0.133	4	04/24/08 03:05	SW846 8082	8043099
PCB-1254	ND		mg/kg	0.133	4	04/24/08 03:05	SW846 8082	8043099
PCB-1260	ND		mg/kg	0.133	4	04/24/08 03:05	SW846 8082	8043099
Surr: Tetrachloro-meta-xylene (15-150%)	*64 %*					*04/24/08 03:05*	*SW846 8082*	*8043099*
Surr: Decachlorobiphenyl (10-146%)	*96 %*					*04/24/08 03:05*	*SW846 8082*	*8043099*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-09 (M&A-116 - Ground Water) Sampled: 04/16/08 09:50								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/19/08 07:02	SW846 8260B	8042893
Benzene	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
Bromobenzene	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
Bromochloromethane	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
Bromodichloromethane	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
Bromoform	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
Bromomethane	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
2-Butanone	ND		ug/L	50.0	1	04/19/08 07:02	SW846 8260B	8042893
sec-Butylbenzene	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
n-Butylbenzene	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
tert-Butylbenzene	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
Carbon disulfide	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
Carbon Tetrachloride	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
Chlorobenzene	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
Chlorodibromomethane	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
Chloroethane	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
Chloroform	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
Chloromethane	ND	C, L	ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
2-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
4-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/19/08 07:02	SW846 8260B	8042893
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
Dibromomethane	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
1,1-Dichloroethane	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
1,2-Dichloroethane	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
cis-1,2-Dichloroethene	**20.9**		ug/L	1.00	1	04/20/08 09:45	SW846 8260B	8043293
1,1-Dichloroethene	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
trans-1,2-Dichloroethene	**2.69**		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
1,3-Dichloropropane	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
1,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
2,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
1,1-Dichloropropene	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
Ethylbenzene	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
Hexachlorobutadiene	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
2-Hexanone	ND		ug/L	50.0	1	04/19/08 07:02	SW846 8260B	8042893
Isopropylbenzene	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
p-Isopropyltoluene	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-09 (M&A-116 - Ground Water) - cont. Sampled: 04/16/08 09:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
Methylene Chloride	ND		ug/L	5.00	1	04/19/08 07:02	SW846 8260B	8042893
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/19/08 07:02	SW846 8260B	8042893
Naphthalene	ND		ug/L	5.00	1	04/19/08 07:02	SW846 8260B	8042893
n-Propylbenzene	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
Styrene	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
Tetrachloroethene	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
Toluene	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
Trichloroethene	**18.9**		ug/L	1.00	1	04/20/08 09:45	SW846 8260B	8043293
Trichlorofluoromethane	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 07:02	SW846 8260B	8042893
Vinyl chloride	ND		ug/L	1.00	1	04/20/08 09:45	SW846 8260B	8043293
Xylenes, total	ND		ug/L	3.00	1	04/19/08 07:02	SW846 8260B	8042893
Surr: 1,2-Dichloroethane-d4 (60-140%)	*79 %*					*04/19/08 07:02*	*SW846 8260B*	*8042893*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*79 %*					*04/20/08 09:45*	*SW846 8260B*	*8043293*
Surr: Dibromofluoromethane (75-124%)	*82 %*					*04/19/08 07:02*	*SW846 8260B*	*8042893*
Surr: Dibromofluoromethane (75-124%)	*81 %*					*04/20/08 09:45*	*SW846 8260B*	*8043293*
Surr: Toluene-d8 (78-121%)	*83 %*					*04/19/08 07:02*	*SW846 8260B*	*8042893*
Surr: Toluene-d8 (78-121%)	*86 %*					*04/20/08 09:45*	*SW846 8260B*	*8043293*
Surr: 4-Bromofluorobenzene (79-124%)	*85 %*					*04/19/08 07:02*	*SW846 8260B*	*8042893*
Surr: 4-Bromofluorobenzene (79-124%)	*82 %*					*04/20/08 09:45*	*SW846 8260B*	*8043293*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-10 (M&A-117 - Ground Water) Sampled: 04/16/08 10:15								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/22/08 04:08	SW846 8082	8042894
PCB-1221	ND		ug/L	0.500	1	04/22/08 04:08	SW846 8082	8042894
PCB-1232	ND		ug/L	0.500	1	04/22/08 04:08	SW846 8082	8042894
PCB-1242	ND		ug/L	0.500	1	04/22/08 04:08	SW846 8082	8042894
PCB-1248	ND		ug/L	0.500	1	04/22/08 04:08	SW846 8082	8042894
PCB-1254	ND		ug/L	0.500	1	04/22/08 04:08	SW846 8082	8042894
PCB-1260	ND		ug/L	0.500	1	04/22/08 04:08	SW846 8082	8042894
Surr: Tetrachloro-meta-xylene (29-137%)	*70 %*					*04/22/08 04:08*	*SW846 8082*	*8042894*
Surr: Decachlorobiphenyl (10-146%)	*37 %*					*04/22/08 04:08*	*SW846 8082*	*8042894*
Sample ID: NRD1638-11 (M&A-119 - Ground Water) Sampled: 04/16/08 15:15								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/19/08 07:27	SW846 8260B	8042893
Benzene	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
Bromobenzene	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
Bromochloromethane	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
Bromodichloromethane	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
Bromoform	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
Bromomethane	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
2-Butanone	ND		ug/L	50.0	1	04/19/08 07:27	SW846 8260B	8042893
sec-Butylbenzene	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
n-Butylbenzene	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
tert-Butylbenzene	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
Carbon disulfide	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
Carbon Tetrachloride	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
Chlorobenzene	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
Chlorodibromomethane	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
Chloroethane	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
Chloroform	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
Chloromethane	ND	C, L	ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
2-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
4-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/19/08 07:27	SW846 8260B	8042893
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
Dibromomethane	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
1,1-Dichloroethane	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
1,2-Dichloroethane	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
cis-1,2-Dichloroethene	**252**		ug/L	5.00	5	04/20/08 14:22	SW846 8260B	8043293
1,1-Dichloroethene	**1.28**		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-11 (M&A-119 - Ground Water) - cont. Sampled: 04/16/08 15:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
trans-1,2-Dichloroethene	**2.84**		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
1,3-Dichloropropane	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
1,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
2,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
1,1-Dichloropropene	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
Ethylbenzene	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
Hexachlorobutadiene	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
2-Hexanone	ND		ug/L	50.0	1	04/19/08 07:27	SW846 8260B	8042893
Isopropylbenzene	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
p-Isopropyltoluene	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
Methylene Chloride	ND		ug/L	5.00	1	04/19/08 07:27	SW846 8260B	8042893
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/19/08 07:27	SW846 8260B	8042893
Naphthalene	ND		ug/L	5.00	1	04/19/08 07:27	SW846 8260B	8042893
n-Propylbenzene	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
Styrene	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
Tetrachloroethene	**11.8**		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
Toluene	**1.14**		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
Trichloroethene	**2750**		ug/L	50.0	50	04/20/08 14:47	SW846 8260B	8043293
Trichlorofluoromethane	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
Vinyl chloride	**12.4**		ug/L	1.00	1	04/19/08 07:27	SW846 8260B	8042893
Xylenes, total	ND		ug/L	3.00	1	04/19/08 07:27	SW846 8260B	8042893
Surr: 1,2-Dichloroethane-d4 (60-140%)	*80 %*					*04/19/08 07:27*	*SW846 8260B*	*8042893*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*77 %*					*04/20/08 14:22*	*SW846 8260B*	*8043293*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*78 %*					*04/20/08 14:47*	*SW846 8260B*	*8043293*
Surr: Dibromofluoromethane (75-124%)	*82 %*					*04/19/08 07:27*	*SW846 8260B*	*8042893*
Surr: Dibromofluoromethane (75-124%)	*79 %*					*04/20/08 14:22*	*SW846 8260B*	*8043293*
Surr: Dibromofluoromethane (75-124%)	*80 %*					*04/20/08 14:47*	*SW846 8260B*	*8043293*
Surr: Toluene-d8 (78-121%)	*83 %*					*04/19/08 07:27*	*SW846 8260B*	*8042893*
Surr: Toluene-d8 (78-121%)	*86 %*					*04/20/08 14:22*	*SW846 8260B*	*8043293*
Surr: Toluene-d8 (78-121%)	*87 %*					*04/20/08 14:47*	*SW846 8260B*	*8043293*
Surr: 4-Bromofluorobenzene (79-124%)	*84 %*					*04/19/08 07:27*	*SW846 8260B*	*8042893*
Surr: 4-Bromofluorobenzene (79-124%)	*81 %*					*04/20/08 14:22*	*SW846 8260B*	*8043293*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-11 (M&A-119 - Ground Water) - cont. Sampled: 04/16/08 15:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: 4-Bromofluorobenzene (79-124%)	*79 %*					*04/20/08 14:47*	*SW846 8260B*	*8043293*
Sample ID: NRD1638-12 (M&A-120 - Ground Water) Sampled: 04/16/08 09:45								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/19/08 07:53	SW846 8260B	8042893
Benzene	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
Bromobenzene	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
Bromochloromethane	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
Bromodichloromethane	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
Bromoform	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
Bromomethane	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
2-Butanone	ND		ug/L	50.0	1	04/19/08 07:53	SW846 8260B	8042893
sec-Butylbenzene	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
n-Butylbenzene	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
tert-Butylbenzene	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
Carbon disulfide	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
Carbon Tetrachloride	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
Chlorobenzene	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
Chlorodibromomethane	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
Chloroethane	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
Chloroform	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
Chloromethane	ND	C, L	ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
2-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
4-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/19/08 07:53	SW846 8260B	8042893
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
Dibromomethane	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
1,1-Dichloroethane	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
1,2-Dichloroethane	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
cis-1,2-Dichloroethene	**200**		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
1,1-Dichloroethene	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
trans-1,2-Dichloroethene	**30.4**		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
1,3-Dichloropropane	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
1,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
2,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
1,1-Dichloropropene	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
Ethylbenzene	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893

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Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-12 (M&A-120 - Ground Water) - cont. Sampled: 04/16/08 09:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Hexachlorobutadiene	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
2-Hexanone	ND		ug/L	50.0	1	04/19/08 07:53	SW846 8260B	8042893
Isopropylbenzene	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
p-Isopropyltoluene	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
Methylene Chloride	ND		ug/L	5.00	1	04/19/08 07:53	SW846 8260B	8042893
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/19/08 07:53	SW846 8260B	8042893
Naphthalene	ND		ug/L	5.00	1	04/19/08 07:53	SW846 8260B	8042893
n-Propylbenzene	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
Styrene	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
Tetrachloroethene	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
Toluene	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
Trichloroethene	**19.5**		ug/L	1.00	1	04/20/08 10:10	SW846 8260B	8043293
Trichlorofluoromethane	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
Vinyl chloride	**9.85**		ug/L	1.00	1	04/19/08 07:53	SW846 8260B	8042893
Xylenes, total	ND		ug/L	3.00	1	04/19/08 07:53	SW846 8260B	8042893
Surr: 1,2-Dichloroethane-d4 (60-140%)	*79 %*					*04/19/08 07:53*	*SW846 8260B*	*8042893*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*78 %*					*04/20/08 10:10*	*SW846 8260B*	*8043293*
Surr: Dibromofluoromethane (75-124%)	*82 %*					*04/19/08 07:53*	*SW846 8260B*	*8042893*
Surr: Dibromofluoromethane (75-124%)	*80 %*					*04/20/08 10:10*	*SW846 8260B*	*8043293*
Surr: Toluene-d8 (78-121%)	*85 %*					*04/19/08 07:53*	*SW846 8260B*	*8042893*
Surr: Toluene-d8 (78-121%)	*87 %*					*04/20/08 10:10*	*SW846 8260B*	*8043293*
Surr: 4-Bromofluorobenzene (79-124%)	*83 %*					*04/19/08 07:53*	*SW846 8260B*	*8042893*
Surr: 4-Bromofluorobenzene (79-124%)	*80 %*					*04/20/08 10:10*	*SW846 8260B*	*8043293*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-13 (M&A-121 - Ground Water) Sampled: 04/16/08 08:50								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/19/08 08:18	SW846 8260B	8042893
Benzene	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
Bromobenzene	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
Bromochloromethane	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
Bromodichloromethane	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
Bromoform	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
Bromomethane	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
2-Butanone	ND		ug/L	50.0	1	04/19/08 08:18	SW846 8260B	8042893
sec-Butylbenzene	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
n-Butylbenzene	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
tert-Butylbenzene	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
Carbon disulfide	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
Carbon Tetrachloride	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
Chlorobenzene	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
Chlorodibromomethane	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
Chloroethane	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
Chloroform	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
Chloromethane	ND	C, L	ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
2-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
4-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/19/08 08:18	SW846 8260B	8042893
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
Dibromomethane	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
1,1-Dichloroethane	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
1,2-Dichloroethane	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	04/20/08 10:36	SW846 8260B	8043293
1,1-Dichloroethene	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
1,3-Dichloropropane	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
1,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
2,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
1,1-Dichloropropene	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
Ethylbenzene	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
Hexachlorobutadiene	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
2-Hexanone	ND		ug/L	50.0	1	04/19/08 08:18	SW846 8260B	8042893
Isopropylbenzene	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
p-Isopropyltoluene	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-13 (M&A-121 - Ground Water) - cont. Sampled: 04/16/08 08:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
Methylene Chloride	ND		ug/L	5.00	1	04/19/08 08:18	SW846 8260B	8042893
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/19/08 08:18	SW846 8260B	8042893
Naphthalene	ND		ug/L	5.00	1	04/19/08 08:18	SW846 8260B	8042893
n-Propylbenzene	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
Styrene	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
Tetrachloroethene	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
Toluene	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
Trichloroethene	ND		ug/L	1.00	1	04/20/08 10:36	SW846 8260B	8043293
Trichlorofluoromethane	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
Vinyl chloride	ND		ug/L	1.00	1	04/19/08 08:18	SW846 8260B	8042893
Xylenes, total	ND		ug/L	3.00	1	04/19/08 08:18	SW846 8260B	8042893
Surr: 1,2-Dichloroethane-d4 (60-140%)	*79 %*					*04/19/08 08:18*	*SW846 8260B*	*8042893*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*78 %*					*04/20/08 10:36*	*SW846 8260B*	*8043293*
Surr: Dibromofluoromethane (75-124%)	*81 %*					*04/19/08 08:18*	*SW846 8260B*	*8042893*
Surr: Dibromofluoromethane (75-124%)	*80 %*					*04/20/08 10:36*	*SW846 8260B*	*8043293*
Surr: Toluene-d8 (78-121%)	*85 %*					*04/19/08 08:18*	*SW846 8260B*	*8042893*
Surr: Toluene-d8 (78-121%)	*87 %*					*04/20/08 10:36*	*SW846 8260B*	*8043293*
Surr: 4-Bromofluorobenzene (79-124%)	*84 %*					*04/19/08 08:18*	*SW846 8260B*	*8042893*
Surr: 4-Bromofluorobenzene (79-124%)	*81 %*					*04/20/08 10:36*	*SW846 8260B*	*8043293*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-14 (M&A-122 - Ground Water) Sampled: 04/16/08 16:55								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/22/08 04:28	SW846 8082	8042894
PCB-1221	ND		ug/L	0.500	1	04/22/08 04:28	SW846 8082	8042894
PCB-1232	ND		ug/L	0.500	1	04/22/08 04:28	SW846 8082	8042894
PCB-1242	ND		ug/L	0.500	1	04/22/08 04:28	SW846 8082	8042894
PCB-1248	ND		ug/L	0.500	1	04/22/08 04:28	SW846 8082	8042894
PCB-1254	ND		ug/L	0.500	1	04/22/08 04:28	SW846 8082	8042894
PCB-1260	ND		ug/L	0.500	1	04/22/08 04:28	SW846 8082	8042894
Surr: Tetrachloro-meta-xylene (29-137%)	*77 %*					*04/22/08 04:28*	*SW846 8082*	*8042894*
Surr: Decachlorobiphenyl (10-146%)	*69 %*					*04/22/08 04:28*	*SW846 8082*	*8042894*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/19/08 08:43	SW846 8260B	8042893
Benzene	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
Bromobenzene	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
Bromochloromethane	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
Bromodichloromethane	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
Bromoform	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
Bromomethane	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
2-Butanone	ND		ug/L	50.0	1	04/19/08 08:43	SW846 8260B	8042893
sec-Butylbenzene	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
n-Butylbenzene	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
tert-Butylbenzene	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
Carbon disulfide	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
Carbon Tetrachloride	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
Chlorobenzene	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
Chlorodibromomethane	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
Chloroethane	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
Chloroform	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
Chloromethane	ND	C, L	ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
2-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
4-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/19/08 08:43	SW846 8260B	8042893
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
Dibromomethane	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
1,1-Dichloroethane	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
1,2-Dichloroethane	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	04/20/08 11:01	SW846 8260B	8043293
1,1-Dichloroethene	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
1,3-Dichloropropane	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-14 (M&A-122 - Ground Water) - cont. Sampled: 04/16/08 16:55								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
2,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
1,1-Dichloropropene	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
Ethylbenzene	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
Hexachlorobutadiene	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
2-Hexanone	ND		ug/L	50.0	1	04/19/08 08:43	SW846 8260B	8042893
Isopropylbenzene	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
p-Isopropyltoluene	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
Methylene Chloride	ND		ug/L	5.00	1	04/19/08 08:43	SW846 8260B	8042893
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/19/08 08:43	SW846 8260B	8042893
Naphthalene	ND		ug/L	5.00	1	04/19/08 08:43	SW846 8260B	8042893
n-Propylbenzene	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
Styrene	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
Tetrachloroethene	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
Toluene	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
Trichloroethene	ND		ug/L	1.00	1	04/20/08 11:01	SW846 8260B	8043293
Trichlorofluoromethane	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
Vinyl chloride	ND		ug/L	1.00	1	04/19/08 08:43	SW846 8260B	8042893
Xylenes, total	ND		ug/L	3.00	1	04/19/08 08:43	SW846 8260B	8042893
Surr: 1,2-Dichloroethane-d4 (60-140%)	*80 %*					*04/19/08 08:43*	*SW846 8260B*	*8042893*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*78 %*					*04/20/08 11:01*	*SW846 8260B*	*8043293*
Surr: Dibromofluoromethane (75-124%)	*82 %*					*04/19/08 08:43*	*SW846 8260B*	*8042893*
Surr: Dibromofluoromethane (75-124%)	*79 %*					*04/20/08 11:01*	*SW846 8260B*	*8043293*
Surr: Toluene-d8 (78-121%)	*84 %*					*04/19/08 08:43*	*SW846 8260B*	*8042893*
Surr: Toluene-d8 (78-121%)	*87 %*					*04/20/08 11:01*	*SW846 8260B*	*8043293*
Surr: 4-Bromofluorobenzene (79-124%)	*84 %*					*04/19/08 08:43*	*SW846 8260B*	*8042893*
Surr: 4-Bromofluorobenzene (79-124%)	*81 %*					*04/20/08 11:01*	*SW846 8260B*	*8043293*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-15 (M&A-124 - Ground Water) Sampled: 04/16/08 11:30								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/22/08 05:29	SW846 8082	8042894
PCB-1221	ND		ug/L	0.500	1	04/22/08 05:29	SW846 8082	8042894
PCB-1232	ND		ug/L	0.500	1	04/22/08 05:29	SW846 8082	8042894
PCB-1242	ND		ug/L	0.500	1	04/22/08 05:29	SW846 8082	8042894
PCB-1248	ND		ug/L	0.500	1	04/22/08 05:29	SW846 8082	8042894
PCB-1254	ND		ug/L	0.500	1	04/22/08 05:29	SW846 8082	8042894
PCB-1260	ND		ug/L	0.500	1	04/22/08 05:29	SW846 8082	8042894
Surr: Tetrachloro-meta-xylene (29-137%)	*79 %*					*04/22/08 05:29*	*SW846 8082*	*8042894*
Surr: Decachlorobiphenyl (10-146%)	*83 %*					*04/22/08 05:29*	*SW846 8082*	*8042894*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/19/08 09:08	SW846 8260B	8042893
Benzene	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
Bromobenzene	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
Bromochloromethane	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
Bromodichloromethane	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
Bromoform	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
Bromomethane	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
2-Butanone	ND		ug/L	50.0	1	04/19/08 09:08	SW846 8260B	8042893
sec-Butylbenzene	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
n-Butylbenzene	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
tert-Butylbenzene	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
Carbon disulfide	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
Carbon Tetrachloride	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
Chlorobenzene	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
Chlorodibromomethane	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
Chloroethane	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
Chloroform	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
Chloromethane	ND	C, L	ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
2-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
4-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/19/08 09:08	SW846 8260B	8042893
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
Dibromomethane	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
1,1-Dichloroethane	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
1,2-Dichloroethane	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
cis-1,2-Dichloroethene	**4.72**		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
1,1-Dichloroethene	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
1,3-Dichloropropane	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-15 (M&A-124 - Ground Water) - cont. Sampled: 04/16/08 11:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
2,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
1,1-Dichloropropene	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
Ethylbenzene	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
Hexachlorobutadiene	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
2-Hexanone	ND		ug/L	50.0	1	04/19/08 09:08	SW846 8260B	8042893
Isopropylbenzene	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
p-Isopropyltoluene	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
Methylene Chloride	ND		ug/L	5.00	1	04/19/08 09:08	SW846 8260B	8042893
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/19/08 09:08	SW846 8260B	8042893
Naphthalene	ND		ug/L	5.00	1	04/19/08 09:08	SW846 8260B	8042893
n-Propylbenzene	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
Styrene	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
Tetrachloroethene	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
Toluene	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
Trichloroethene	**2.33**		ug/L	1.00	1	04/20/08 11:26	SW846 8260B	8043293
Trichlorofluoromethane	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
Vinyl chloride	ND		ug/L	1.00	1	04/19/08 09:08	SW846 8260B	8042893
Xylenes, total	ND		ug/L	3.00	1	04/19/08 09:08	SW846 8260B	8042893
Surr: 1,2-Dichloroethane-d4 (60-140%)	*80 %*					*04/19/08 09:08*	*SW846 8260B*	*8042893*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*78 %*					*04/20/08 11:26*	*SW846 8260B*	*8043293*
Surr: Dibromofluoromethane (75-124%)	*81 %*					*04/19/08 09:08*	*SW846 8260B*	*8042893*
Surr: Dibromofluoromethane (75-124%)	*80 %*					*04/20/08 11:26*	*SW846 8260B*	*8043293*
Surr: Toluene-d8 (78-121%)	*85 %*					*04/19/08 09:08*	*SW846 8260B*	*8042893*
Surr: Toluene-d8 (78-121%)	*87 %*					*04/20/08 11:26*	*SW846 8260B*	*8043293*
Surr: 4-Bromofluorobenzene (79-124%)	*83 %*					*04/19/08 09:08*	*SW846 8260B*	*8042893*
Surr: 4-Bromofluorobenzene (79-124%)	*80 %*					*04/20/08 11:26*	*SW846 8260B*	*8043293*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-16 (M&A-126 - Ground Water) Sampled: 04/16/08 15:40								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/22/08 05:50	SW846 8082	8042894
PCB-1221	ND		ug/L	0.500	1	04/22/08 05:50	SW846 8082	8042894
PCB-1232	ND		ug/L	0.500	1	04/22/08 05:50	SW846 8082	8042894
PCB-1242	ND		ug/L	0.500	1	04/22/08 05:50	SW846 8082	8042894
PCB-1248	ND		ug/L	0.500	1	04/22/08 05:50	SW846 8082	8042894
PCB-1254	ND		ug/L	0.500	1	04/22/08 05:50	SW846 8082	8042894
PCB-1260	ND		ug/L	0.500	1	04/22/08 05:50	SW846 8082	8042894
Surr: Tetrachloro-meta-xylene (29-137%)	*79 %*					*04/22/08 05:50*	*SW846 8082*	*8042894*
Surr: Decachlorobiphenyl (10-146%)	*68 %*					*04/22/08 05:50*	*SW846 8082*	*8042894*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/19/08 09:33	SW846 8260B	8042893
Benzene	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
Bromobenzene	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
Bromochloromethane	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
Bromodichloromethane	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
Bromoform	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
Bromomethane	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
2-Butanone	ND		ug/L	50.0	1	04/19/08 09:33	SW846 8260B	8042893
sec-Butylbenzene	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
n-Butylbenzene	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
tert-Butylbenzene	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
Carbon disulfide	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
Carbon Tetrachloride	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
Chlorobenzene	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
Chlorodibromomethane	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
Chloroethane	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
Chloroform	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
Chloromethane	ND	C, L	ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
2-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
4-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/19/08 09:33	SW846 8260B	8042893
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
Dibromomethane	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
1,1-Dichloroethane	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
1,2-Dichloroethane	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
cis-1,2-Dichloroethene	**8.63**		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
1,1-Dichloroethene	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
1,3-Dichloropropane	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-16 (M&A-126 - Ground Water) - cont. Sampled: 04/16/08 15:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
2,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
1,1-Dichloropropene	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
Ethylbenzene	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
Hexachlorobutadiene	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
2-Hexanone	ND		ug/L	50.0	1	04/19/08 09:33	SW846 8260B	8042893
Isopropylbenzene	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
p-Isopropyltoluene	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
Methylene Chloride	ND		ug/L	5.00	1	04/19/08 09:33	SW846 8260B	8042893
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/19/08 09:33	SW846 8260B	8042893
Naphthalene	ND		ug/L	5.00	1	04/19/08 09:33	SW846 8260B	8042893
n-Propylbenzene	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
Styrene	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
Tetrachloroethene	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
Toluene	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
Trichloroethene	ND		ug/L	1.00	1	04/20/08 11:51	SW846 8260B	8043293
Trichlorofluoromethane	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
Vinyl chloride	**2.71**		ug/L	1.00	1	04/19/08 09:33	SW846 8260B	8042893
Xylenes, total	ND		ug/L	3.00	1	04/19/08 09:33	SW846 8260B	8042893
Surr: 1,2-Dichloroethane-d4 (60-140%)	*81 %*					*04/19/08 09:33*	*SW846 8260B*	*8042893*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*78 %*					*04/20/08 11:51*	*SW846 8260B*	*8043293*
Surr: Dibromofluoromethane (75-124%)	*80 %*					*04/19/08 09:33*	*SW846 8260B*	*8042893*
Surr: Dibromofluoromethane (75-124%)	*79 %*					*04/20/08 11:51*	*SW846 8260B*	*8043293*
Surr: Toluene-d8 (78-121%)	*85 %*					*04/19/08 09:33*	*SW846 8260B*	*8042893*
Surr: Toluene-d8 (78-121%)	*87 %*					*04/20/08 11:51*	*SW846 8260B*	*8043293*
Surr: 4-Bromofluorobenzene (79-124%)	*84 %*					*04/19/08 09:33*	*SW846 8260B*	*8042893*
Surr: 4-Bromofluorobenzene (79-124%)	*80 %*					*04/20/08 11:51*	*SW846 8260B*	*8043293*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-17 (M&A-130 - Ground Water) Sampled: 04/16/08 16:20								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/22/08 06:10	SW846 8082	8042894
PCB-1221	ND		ug/L	0.500	1	04/22/08 06:10	SW846 8082	8042894
PCB-1232	ND		ug/L	0.500	1	04/22/08 06:10	SW846 8082	8042894
PCB-1242	ND		ug/L	0.500	1	04/22/08 06:10	SW846 8082	8042894
PCB-1248	ND		ug/L	0.500	1	04/22/08 06:10	SW846 8082	8042894
PCB-1254	ND		ug/L	0.500	1	04/22/08 06:10	SW846 8082	8042894
PCB-1260	ND		ug/L	0.500	1	04/22/08 06:10	SW846 8082	8042894
Surr: Tetrachloro-meta-xylene (29-137%)	*76 %*					*04/22/08 06:10*	*SW846 8082*	*8042894*
Surr: Decachlorobiphenyl (10-146%)	*84 %*					*04/22/08 06:10*	*SW846 8082*	*8042894*
Sample ID: NRD1638-18 (M&A-301 - Ground Water) Sampled: 04/16/08 17:00								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/22/08 06:30	SW846 8082	8042894
PCB-1221	ND		ug/L	0.500	1	04/22/08 06:30	SW846 8082	8042894
PCB-1232	ND		ug/L	0.500	1	04/22/08 06:30	SW846 8082	8042894
PCB-1242	ND		ug/L	0.500	1	04/22/08 06:30	SW846 8082	8042894
PCB-1248	ND		ug/L	0.500	1	04/22/08 06:30	SW846 8082	8042894
PCB-1254	ND		ug/L	0.500	1	04/22/08 06:30	SW846 8082	8042894
PCB-1260	ND		ug/L	0.500	1	04/22/08 06:30	SW846 8082	8042894
Surr: Tetrachloro-meta-xylene (29-137%)	*75 %*					*04/22/08 06:30*	*SW846 8082*	*8042894*
Surr: Decachlorobiphenyl (10-146%)	*52 %*					*04/22/08 06:30*	*SW846 8082*	*8042894*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/19/08 09:58	SW846 8260B	8042893
Benzene	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
Bromobenzene	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
Bromochloromethane	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
Bromodichloromethane	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
Bromoform	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
Bromomethane	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
2-Butanone	ND		ug/L	50.0	1	04/19/08 09:58	SW846 8260B	8042893
sec-Butylbenzene	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
n-Butylbenzene	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
tert-Butylbenzene	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
Carbon disulfide	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
Carbon Tetrachloride	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
Chlorobenzene	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
Chlorodibromomethane	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
Chloroethane	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
Chloroform	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
Chloromethane	ND	C, L	ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
2-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
4-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/19/08 09:58	SW846 8260B	8042893

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Sample ID: NRD1638-18 (M&A-301 - Ground Water) - cont. Sampled: 04/16/08 17:00

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
Dibromomethane	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
1,1-Dichloroethane	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
1,2-Dichloroethane	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
cis-1,2-Dichloroethene	**4.22**		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
1,1-Dichloroethene	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
1,3-Dichloropropane	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
1,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
2,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
1,1-Dichloropropene	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
Ethylbenzene	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
Hexachlorobutadiene	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
2-Hexanone	ND		ug/L	50.0	1	04/19/08 09:58	SW846 8260B	8042893
Isopropylbenzene	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
p-Isopropyltoluene	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
Methylene Chloride	ND		ug/L	5.00	1	04/19/08 09:58	SW846 8260B	8042893
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/19/08 09:58	SW846 8260B	8042893
Naphthalene	ND		ug/L	5.00	1	04/19/08 09:58	SW846 8260B	8042893
n-Propylbenzene	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
Styrene	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
Tetrachloroethene	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
Toluene	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
Trichloroethene	**5.59**		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
Trichlorofluoromethane	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
Vinyl chloride	ND		ug/L	1.00	1	04/19/08 09:58	SW846 8260B	8042893
Xylenes, total	ND		ug/L	3.00	1	04/19/08 09:58	SW846 8260B	8042893

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-18 (M&A-301 - Ground Water) - cont. Sampled: 04/16/08 17:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: 1,2-Dichloroethane-d4 (60-140%)	*80 %*					*04/19/08 09:58*	*SW846 8260B*	*8042893*
Surr: Dibromofluoromethane (75-124%)	*81 %*					*04/19/08 09:58*	*SW846 8260B*	*8042893*
Surr: Toluene-d8 (78-121%)	*85 %*					*04/19/08 09:58*	*SW846 8260B*	*8042893*
Surr: 4-Bromofluorobenzene (79-124%)	*82 %*					*04/19/08 09:58*	*SW846 8260B*	*8042893*
Extractable Petroleum Hydrocarbons								
Diesel	**20400**		ug/L	5000	50	04/22/08 10:53	SW846 8015B	8042949
Surr: o-Terphenyl (18-150%)	*	*Z3*				*04/22/08 10:53*	*SW846 8015B*	*8042949*
Sample ID: NRD1638-19 (M&A-211 - Ground Water) Sampled: 04/15/08 16:00								
General Chemistry Parameters								
Cyanide	**0.0339**		mg/L	0.00500	1	04/25/08 09:39	EPA 335.4	8043585
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/19/08 10:24	SW846 8260B	8042893
Benzene	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
Bromobenzene	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
Bromochloromethane	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
Bromodichloromethane	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
Bromoform	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
Bromomethane	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
2-Butanone	ND		ug/L	50.0	1	04/19/08 10:24	SW846 8260B	8042893
sec-Butylbenzene	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
n-Butylbenzene	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
tert-Butylbenzene	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
Carbon disulfide	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
Carbon Tetrachloride	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
Chlorobenzene	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
Chlorodibromomethane	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
Chloroethane	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
Chloroform	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
Chloromethane	ND	C, L	ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
2-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
4-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/19/08 10:24	SW846 8260B	8042893
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
Dibromomethane	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
1,1-Dichloroethane	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
1,2-Dichloroethane	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
cis-1,2-Dichloroethene	**3390**		ug/L	100	100	04/20/08 15:38	SW846 8260B	8043293

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-19 (M&A-211 - Ground Water) - cont. Sampled: 04/15/08 16:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,1-Dichloroethene	**3.46**		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
trans-1,2-Dichloroethene	**149**		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
1,3-Dichloropropane	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
1,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
2,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
1,1-Dichloropropene	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
Ethylbenzene	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
Hexachlorobutadiene	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
2-Hexanone	ND		ug/L	50.0	1	04/19/08 10:24	SW846 8260B	8042893
Isopropylbenzene	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
p-Isopropyltoluene	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
Methylene Chloride	ND		ug/L	5.00	1	04/19/08 10:24	SW846 8260B	8042893
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/19/08 10:24	SW846 8260B	8042893
Naphthalene	ND		ug/L	5.00	1	04/19/08 10:24	SW846 8260B	8042893
n-Propylbenzene	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
Styrene	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
Tetrachloroethene	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
Toluene	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
Trichloroethene	**652**		ug/L	10.0	10	04/20/08 15:13	SW846 8260B	8043293
Trichlorofluoromethane	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 10:24	SW846 8260B	8042893
Vinyl chloride	**687**		ug/L	10.0	10	04/20/08 15:13	SW846 8260B	8043293
Xylenes, total	ND		ug/L	3.00	1	04/19/08 10:24	SW846 8260B	8042893
Surr: 1,2-Dichloroethane-d4 (60-140%)	*79 %*					*04/19/08 10:24*	*SW846 8260B*	*8042893*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*79 %*					*04/20/08 15:13*	*SW846 8260B*	*8043293*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*78 %*					*04/20/08 15:38*	*SW846 8260B*	*8043293*
Surr: Dibromofluoromethane (75-124%)	*85 %*					*04/19/08 10:24*	*SW846 8260B*	*8042893*
Surr: Dibromofluoromethane (75-124%)	*81 %*					*04/20/08 15:13*	*SW846 8260B*	*8043293*
Surr: Dibromofluoromethane (75-124%)	*79 %*					*04/20/08 15:38*	*SW846 8260B*	*8043293*
Surr: Toluene-d8 (78-121%)	*84 %*					*04/19/08 10:24*	*SW846 8260B*	*8042893*
Surr: Toluene-d8 (78-121%)	*87 %*					*04/20/08 15:13*	*SW846 8260B*	*8043293*
Surr: Toluene-d8 (78-121%)	*87 %*					*04/20/08 15:38*	*SW846 8260B*	*8043293*
Surr: 4-Bromofluorobenzene (79-124%)	*82 %*					*04/19/08 10:24*	*SW846 8260B*	*8042893*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-19 (M&A-211 - Ground Water) - cont. Sampled: 04/15/08 16:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: 4-Bromofluorobenzene (79-124%)	*81 %*					*04/20/08 15:13*	*SW846 8260B*	*8043293*
Surr: 4-Bromofluorobenzene (79-124%)	*80 %*					*04/20/08 15:38*	*SW846 8260B*	*8043293*
Sample ID: NRD1638-20 (M&A-219 - Ground Water) Sampled: 04/15/08 16:05								
General Chemistry Parameters								
Cyanide	**0.0498**		mg/L	0.00500	1	04/25/08 09:39	EPA 335.4	8043585
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/19/08 10:49	SW846 8260B	8042893
Benzene	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
Bromobenzene	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
Bromochloromethane	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
Bromodichloromethane	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
Bromoform	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
Bromomethane	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
2-Butanone	ND		ug/L	50.0	1	04/19/08 10:49	SW846 8260B	8042893
sec-Butylbenzene	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
n-Butylbenzene	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
tert-Butylbenzene	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
Carbon disulfide	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
Carbon Tetrachloride	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
Chlorobenzene	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
Chlorodibromomethane	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
Chloroethane	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
Chloroform	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
Chloromethane	ND	C, L	ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
2-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
4-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/19/08 10:49	SW846 8260B	8042893
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
Dibromomethane	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
1,1-Dichloroethane	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
1,2-Dichloroethane	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	04/20/08 12:16	SW846 8260B	8043293
1,1-Dichloroethene	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
1,3-Dichloropropane	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
1,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
2,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-20 (M&A-219 - Ground Water) - cont. Sampled: 04/15/08 16:05								
Volatile Organic Compounds by EPA Method 8260B - cont.								
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
1,1-Dichloropropene	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
Ethylbenzene	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
Hexachlorobutadiene	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
2-Hexanone	ND		ug/L	50.0	1	04/19/08 10:49	SW846 8260B	8042893
Isopropylbenzene	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
p-Isopropyltoluene	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
Methylene Chloride	ND		ug/L	5.00	1	04/19/08 10:49	SW846 8260B	8042893
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/19/08 10:49	SW846 8260B	8042893
Naphthalene	ND		ug/L	5.00	1	04/19/08 10:49	SW846 8260B	8042893
n-Propylbenzene	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
Styrene	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
Tetrachloroethene	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
Toluene	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
Trichloroethene	**1.92**		ug/L	1.00	1	04/20/08 12:16	SW846 8260B	8043293
Trichlorofluoromethane	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
Vinyl chloride	ND		ug/L	1.00	1	04/19/08 10:49	SW846 8260B	8042893
Xylenes, total	ND		ug/L	3.00	1	04/19/08 10:49	SW846 8260B	8042893
Surr: 1,2-Dichloroethane-d4 (60-140%)	*80 %*					*04/19/08 10:49*	*SW846 8260B*	*8042893*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*78 %*					*04/20/08 12:16*	*SW846 8260B*	*8043293*
Surr: Dibromofluoromethane (75-124%)	*82 %*					*04/19/08 10:49*	*SW846 8260B*	*8042893*
Surr: Dibromofluoromethane (75-124%)	*82 %*					*04/20/08 12:16*	*SW846 8260B*	*8043293*
Surr: Toluene-d8 (78-121%)	*83 %*					*04/19/08 10:49*	*SW846 8260B*	*8042893*
Surr: Toluene-d8 (78-121%)	*86 %*					*04/20/08 12:16*	*SW846 8260B*	*8043293*
Surr: 4-Bromofluorobenzene (79-124%)	*83 %*					*04/19/08 10:49*	*SW846 8260B*	*8042893*
Surr: 4-Bromofluorobenzene (79-124%)	*80 %*					*04/20/08 12:16*	*SW846 8260B*	*8043293*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-21 (M&A-222 - Ground Water) Sampled: 04/15/08 16:30								
General Chemistry Parameters								
Cyanide	ND		mg/L	0.00500	1	04/25/08 09:39	EPA 335.4	8043585
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/19/08 11:14	SW846 8260B	8042893
Benzene	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
Bromobenzene	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
Bromochloromethane	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
Bromodichloromethane	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
Bromoform	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
Bromomethane	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
2-Butanone	ND		ug/L	50.0	1	04/19/08 11:14	SW846 8260B	8042893
sec-Butylbenzene	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
n-Butylbenzene	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
tert-Butylbenzene	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
Carbon disulfide	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
Carbon Tetrachloride	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
Chlorobenzene	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
Chlorodibromomethane	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
Chloroethane	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
Chloroform	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
Chloromethane	ND	C, L	ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
2-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
4-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/19/08 11:14	SW846 8260B	8042893
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
Dibromomethane	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
1,1-Dichloroethane	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
1,2-Dichloroethane	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
cis-1,2-Dichloroethene	**16.3**		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
1,1-Dichloroethene	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
1,3-Dichloropropane	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
1,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
2,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
1,1-Dichloropropene	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
Ethylbenzene	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
Hexachlorobutadiene	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-21 (M&A-222 - Ground Water) - cont. Sampled: 04/15/08 16:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
2-Hexanone	ND		ug/L	50.0	1	04/19/08 11:14	SW846 8260B	8042893
Isopropylbenzene	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
p-Isopropyltoluene	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
Methylene Chloride	ND		ug/L	5.00	1	04/19/08 11:14	SW846 8260B	8042893
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/19/08 11:14	SW846 8260B	8042893
Naphthalene	ND		ug/L	5.00	1	04/19/08 11:14	SW846 8260B	8042893
n-Propylbenzene	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
Styrene	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
Tetrachloroethene	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
Toluene	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
Trichloroethene	**12.3**		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
Trichlorofluoromethane	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
Vinyl chloride	**2.11**		ug/L	1.00	1	04/19/08 11:14	SW846 8260B	8042893
Xylenes, total	ND		ug/L	3.00	1	04/19/08 11:14	SW846 8260B	8042893
Surr: 1,2-Dichloroethane-d4 (60-140%)	*79 %*					*04/19/08 11:14*	*SW846 8260B*	*8042893*
Surr: Dibromofluoromethane (75-124%)	*81 %*					*04/19/08 11:14*	*SW846 8260B*	*8042893*
Surr: Toluene-d8 (78-121%)	*83 %*					*04/19/08 11:14*	*SW846 8260B*	*8042893*
Surr: 4-Bromofluorobenzene (79-124%)	*83 %*					*04/19/08 11:14*	*SW846 8260B*	*8042893*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-22 (M&A-226 - Ground Water) Sampled: 04/15/08 15:00								
General Chemistry Parameters								
Cyanide	**1.05**		mg/L	0.0250	5	04/25/08 09:39	EPA 335.4	8043585
Cyanide, Weak Acid Dissociable	**0.0645**		mg/L	0.00500	1	04/25/08 09:39	SM4500-CN I	8043585
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/19/08 11:39	SW846 8260B	8042893
Benzene	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
Bromobenzene	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
Bromochloromethane	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
Bromodichloromethane	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
Bromoform	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
Bromomethane	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
2-Butanone	ND		ug/L	50.0	1	04/19/08 11:39	SW846 8260B	8042893
sec-Butylbenzene	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
n-Butylbenzene	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
tert-Butylbenzene	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
Carbon disulfide	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
Carbon Tetrachloride	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
Chlorobenzene	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
Chlorodibromomethane	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
Chloroethane	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
Chloroform	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
Chloromethane	ND	C, L	ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
2-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
4-Chlorotoluene	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/19/08 11:39	SW846 8260B	8042893
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
Dibromomethane	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
1,1-Dichloroethane	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
1,2-Dichloroethane	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
cis-1,2-Dichloroethene	**12.5**		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
1,1-Dichloroethene	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
1,3-Dichloropropane	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
1,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
2,2-Dichloropropane	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
1,1-Dichloropropene	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
Ethylbenzene	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-22 (M&A-226 - Ground Water) - cont. Sampled: 04/15/08 15:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Hexachlorobutadiene	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
2-Hexanone	ND		ug/L	50.0	1	04/19/08 11:39	SW846 8260B	8042893
Isopropylbenzene	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
p-Isopropyltoluene	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
Methylene Chloride	ND		ug/L	5.00	1	04/19/08 11:39	SW846 8260B	8042893
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/19/08 11:39	SW846 8260B	8042893
Naphthalene	ND		ug/L	5.00	1	04/19/08 11:39	SW846 8260B	8042893
n-Propylbenzene	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
Styrene	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
Tetrachloroethene	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
Toluene	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
Trichloroethene	**15.2**		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
Trichlorofluoromethane	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
Vinyl chloride	**1.51**		ug/L	1.00	1	04/19/08 11:39	SW846 8260B	8042893
Xylenes, total	ND		ug/L	3.00	1	04/19/08 11:39	SW846 8260B	8042893
Surr: 1,2-Dichloroethane-d4 (60-140%)	*81 %*					*04/19/08 11:39*	*SW846 8260B*	*8042893*
Surr: Dibromofluoromethane (75-124%)	*81 %*					*04/19/08 11:39*	*SW846 8260B*	*8042893*
Surr: Toluene-d8 (78-121%)	*83 %*					*04/19/08 11:39*	*SW846 8260B*	*8042893*
Surr: 4-Bromofluorobenzene (79-124%)	*83 %*					*04/19/08 11:39*	*SW846 8260B*	*8042893*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-23 (Trip Blank - Ground Water) Sampled: 04/15/08 00:01								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/18/08 21:22	SW846 8260B	8042804
Benzene	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
Bromobenzene	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
Bromochloromethane	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
Bromodichloromethane	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
Bromoform	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
Bromomethane	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
2-Butanone	ND		ug/L	50.0	1	04/18/08 21:22	SW846 8260B	8042804
sec-Butylbenzene	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
n-Butylbenzene	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
tert-Butylbenzene	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
Carbon disulfide	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
Carbon Tetrachloride	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
Chlorobenzene	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
Chlorodibromomethane	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
Chloroethane	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
Chloroform	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
Chloromethane	ND	L	ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
2-Chlorotoluene	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
4-Chlorotoluene	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/18/08 21:22	SW846 8260B	8042804
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
Dibromomethane	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
1,1-Dichloroethane	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
1,2-Dichloroethane	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
1,1-Dichloroethene	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
1,3-Dichloropropane	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
1,2-Dichloropropane	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
2,2-Dichloropropane	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
1,1-Dichloropropene	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
Ethylbenzene	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
Hexachlorobutadiene	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
2-Hexanone	ND		ug/L	50.0	1	04/18/08 21:22	SW846 8260B	8042804
Isopropylbenzene	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
p-Isopropyltoluene	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRD1638-23 (Trip Blank - Ground Water) - cont. Sampled: 04/15/08 00:01								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
Methylene Chloride	ND		ug/L	5.00	1	04/18/08 21:22	SW846 8260B	8042804
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/18/08 21:22	SW846 8260B	8042804
Naphthalene	ND		ug/L	5.00	1	04/18/08 21:22	SW846 8260B	8042804
n-Propylbenzene	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
Styrene	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
Tetrachloroethene	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
Toluene	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
Trichloroethene	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
Trichlorofluoromethane	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
Vinyl chloride	ND		ug/L	1.00	1	04/18/08 21:22	SW846 8260B	8042804
Xylenes, total	ND		ug/L	3.00	1	04/18/08 21:22	SW846 8260B	8042804
Surr: 1,2-Dichloroethane-d4 (60-140%)	*82 %*					*04/18/08 21:22*	*SW846 8260B*	*8042804*
Surr: Dibromofluoromethane (75-124%)	*84 %*					*04/18/08 21:22*	*SW846 8260B*	*8042804*
Surr: Toluene-d8 (78-121%)	*84 %*					*04/18/08 21:22*	*SW846 8260B*	*8042804*
Surr: 4-Bromofluorobenzene (79-124%)	*84 %*					*04/18/08 21:22*	*SW846 8260B*	*8042804*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Extractable Petroleum Hydrocarbons							
SW846 8015B	8042949	NRD1638-18	1000.00	1.00	04/19/08 11:00	MAH	EPA 3510C
SW846 8015B	8042949	NRD1638-18RE1	1000.00	1.00	04/19/08 11:00	MAH	EPA 3510C
Polychlorinated Biphenyls by EPA Method 8082							
SW846 8082	8042894	NRD1638-01	500.00	2.00	04/18/08 16:15	AML	EPA 3510C
SW846 8082	8042894	NRD1638-02	500.00	2.00	04/18/08 16:15	AML	EPA 3510C
SW846 8082	8042894	NRD1638-03	500.00	2.00	04/18/08 16:15	AML	EPA 3510C
SW846 8082	8042894	NRD1638-04	500.00	2.00	04/18/08 16:15	AML	EPA 3510C
SW846 8082	8042894	NRD1638-05	500.00	2.00	04/18/08 16:15	AML	EPA 3510C
SW846 8082	8042894	NRD1638-06	500.00	2.00	04/18/08 16:15	AML	EPA 3510C
SW846 8082	8042894	NRD1638-10	500.00	2.00	04/18/08 16:15	AML	EPA 3510C
SW846 8082	8042894	NRD1638-14	500.00	2.00	04/18/08 16:15	AML	EPA 3510C
SW846 8082	8042894	NRD1638-15	500.00	2.00	04/18/08 16:15	AML	EPA 3510C
SW846 8082	8042894	NRD1638-16	500.00	2.00	04/18/08 16:15	AML	EPA 3510C
SW846 8082	8042894	NRD1638-17	500.00	2.00	04/18/08 16:15	AML	EPA 3510C
SW846 8082	8042894	NRD1638-18	500.00	2.00	04/18/08 16:15	AML	EPA 3510C

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
General Chemistry Parameters						
8043585-BLK1						
Cyanide	<0.00200		mg/L	8043585	8043585-BLK1	04/25/08 09:39
Cyanide, Weak Acid Dissociable	<0.00200		mg/L	8043585	8043585-BLK1	04/25/08 09:39
Polychlorinated Biphenyls by EPA Method 8082						
8042894-BLK1						
PCB-1016	<0.200		ug/L	8042894	8042894-BLK1	04/22/08 01:25
PCB-1221	<0.280		ug/L	8042894	8042894-BLK1	04/22/08 01:25
PCB-1232	<0.100		ug/L	8042894	8042894-BLK1	04/22/08 01:25
PCB-1242	<0.110		ug/L	8042894	8042894-BLK1	04/22/08 01:25
PCB-1248	<0.320		ug/L	8042894	8042894-BLK1	04/22/08 01:25
PCB-1254	<0.310		ug/L	8042894	8042894-BLK1	04/22/08 01:25
PCB-1260	<0.140		ug/L	8042894	8042894-BLK1	04/22/08 01:25
Surrogate: Tetrachloro-meta-xylene	79%			8042894	8042894-BLK1	04/22/08 01:25
Surrogate: Decachlorobiphenyl	76%			8042894	8042894-BLK1	04/22/08 01:25
Polychlorinated Biphenyls in Oil by EPA Method 8082						
8043099-BLK1						
PCB-1016	<0.00940		mg/kg	8043099	8043099-BLK1	04/24/08 02:04
PCB-1221	<0.0270		mg/kg	8043099	8043099-BLK1	04/24/08 02:04
PCB-1232	<0.0150		mg/kg	8043099	8043099-BLK1	04/24/08 02:04
PCB-1242	<0.0160		mg/kg	8043099	8043099-BLK1	04/24/08 02:04
PCB-1248	<0.0290		mg/kg	8043099	8043099-BLK1	04/24/08 02:04
PCB-1254	<0.0170		mg/kg	8043099	8043099-BLK1	04/24/08 02:04
PCB-1260	<0.0270		mg/kg	8043099	8043099-BLK1	04/24/08 02:04
Surrogate: Tetrachloro-meta-xylene	108%			8043099	8043099-BLK1	04/24/08 02:04
Surrogate: Decachlorobiphenyl	112%			8043099	8043099-BLK1	04/24/08 02:04
Volatile Organic Compounds by EPA Method 8260B						
8042804-BLK1						
Acetone	<25.0		ug/L	8042804	8042804-BLK1	04/18/08 19:41
Benzene	<0.270		ug/L	8042804	8042804-BLK1	04/18/08 19:41
Bromobenzene	<0.360		ug/L	8042804	8042804-BLK1	04/18/08 19:41
Bromochloromethane	<0.400		ug/L	8042804	8042804-BLK1	04/18/08 19:41
Bromodichloromethane	<0.350		ug/L	8042804	8042804-BLK1	04/18/08 19:41
Bromoform	<0.430		ug/L	8042804	8042804-BLK1	04/18/08 19:41
Bromomethane	<0.420		ug/L	8042804	8042804-BLK1	04/18/08 19:41
2-Butanone	<2.40		ug/L	8042804	8042804-BLK1	04/18/08 19:41
sec-Butylbenzene	<0.140		ug/L	8042804	8042804-BLK1	04/18/08 19:41
n-Butylbenzene	<0.280		ug/L	8042804	8042804-BLK1	04/18/08 19:41
tert-Butylbenzene	<0.330		ug/L	8042804	8042804-BLK1	04/18/08 19:41
Carbon disulfide	<0.380		ug/L	8042804	8042804-BLK1	04/18/08 19:41

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
8042804-BLK1						
Carbon Tetrachloride	<0.350		ug/L	8042804	8042804-BLK1	04/18/08 19:41
Chlorobenzene	<0.180		ug/L	8042804	8042804-BLK1	04/18/08 19:41
Chlorodibromomethane	<0.280		ug/L	8042804	8042804-BLK1	04/18/08 19:41
Chloroethane	<0.450		ug/L	8042804	8042804-BLK1	04/18/08 19:41
Chloroform	<0.280		ug/L	8042804	8042804-BLK1	04/18/08 19:41
Chloromethane	<0.380		ug/L	8042804	8042804-BLK1	04/18/08 19:41
2-Chlorotoluene	<0.300		ug/L	8042804	8042804-BLK1	04/18/08 19:41
4-Chlorotoluene	<0.330		ug/L	8042804	8042804-BLK1	04/18/08 19:41
1,2-Dibromo-3-chloropropane	<0.860		ug/L	8042804	8042804-BLK1	04/18/08 19:41
1,2-Dibromoethane (EDB)	<0.390		ug/L	8042804	8042804-BLK1	04/18/08 19:41
Dibromomethane	<0.350		ug/L	8042804	8042804-BLK1	04/18/08 19:41
1,4-Dichlorobenzene	<0.380		ug/L	8042804	8042804-BLK1	04/18/08 19:41
1,3-Dichlorobenzene	<0.350		ug/L	8042804	8042804-BLK1	04/18/08 19:41
1,2-Dichlorobenzene	<0.500		ug/L	8042804	8042804-BLK1	04/18/08 19:41
Dichlorodifluoromethane	<0.460		ug/L	8042804	8042804-BLK1	04/18/08 19:41
1,1-Dichloroethane	<0.540		ug/L	8042804	8042804-BLK1	04/18/08 19:41
1,2-Dichloroethane	<0.370		ug/L	8042804	8042804-BLK1	04/18/08 19:41
cis-1,2-Dichloroethene	<0.390		ug/L	8042804	8042804-BLK1	04/18/08 19:41
1,1-Dichloroethene	<0.340		ug/L	8042804	8042804-BLK1	04/18/08 19:41
trans-1,2-Dichloroethene	<0.470		ug/L	8042804	8042804-BLK1	04/18/08 19:41
1,3-Dichloropropane	<0.290		ug/L	8042804	8042804-BLK1	04/18/08 19:41
1,2-Dichloropropane	<0.320		ug/L	8042804	8042804-BLK1	04/18/08 19:41
2,2-Dichloropropane	<0.420		ug/L	8042804	8042804-BLK1	04/18/08 19:41
cis-1,3-Dichloropropene	<0.290		ug/L	8042804	8042804-BLK1	04/18/08 19:41
trans-1,3-Dichloropropene	<0.330		ug/L	8042804	8042804-BLK1	04/18/08 19:41
1,1-Dichloropropene	<0.310		ug/L	8042804	8042804-BLK1	04/18/08 19:41
Ethylbenzene	<0.240		ug/L	8042804	8042804-BLK1	04/18/08 19:41
Hexachlorobutadiene	<0.910		ug/L	8042804	8042804-BLK1	04/18/08 19:41
2-Hexanone	<16.7		ug/L	8042804	8042804-BLK1	04/18/08 19:41
Isopropylbenzene	<0.300		ug/L	8042804	8042804-BLK1	04/18/08 19:41
p-Isopropyltoluene	<0.220		ug/L	8042804	8042804-BLK1	04/18/08 19:41
Methyl tert-Butyl Ether	<0.420		ug/L	8042804	8042804-BLK1	04/18/08 19:41
Methylene Chloride	<0.830		ug/L	8042804	8042804-BLK1	04/18/08 19:41
4-Methyl-2-pentanone	<3.49		ug/L	8042804	8042804-BLK1	04/18/08 19:41
Naphthalene	<0.540		ug/L	8042804	8042804-BLK1	04/18/08 19:41
n-Propylbenzene	<0.290		ug/L	8042804	8042804-BLK1	04/18/08 19:41
Styrene	<0.330		ug/L	8042804	8042804-BLK1	04/18/08 19:41
1,1,1,2-Tetrachloroethane	<0.290		ug/L	8042804	8042804-BLK1	04/18/08 19:41
1,1,2,2-Tetrachloroethane	<0.290		ug/L	8042804	8042804-BLK1	04/18/08 19:41
Tetrachloroethene	<0.230		ug/L	8042804	8042804-BLK1	04/18/08 19:41
Toluene	<0.280		ug/L	8042804	8042804-BLK1	04/18/08 19:41

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
8042804-BLK1						
1,2,3-Trichlorobenzene	<0.940		ug/L	8042804	8042804-BLK1	04/18/08 19:41
1,2,4-Trichlorobenzene	<0.500		ug/L	8042804	8042804-BLK1	04/18/08 19:41
1,1,2-Trichloroethane	<0.400		ug/L	8042804	8042804-BLK1	04/18/08 19:41
1,1,1-Trichloroethane	<0.370		ug/L	8042804	8042804-BLK1	04/18/08 19:41
Trichloroethene	<0.230		ug/L	8042804	8042804-BLK1	04/18/08 19:41
Trichlorofluoromethane	<0.350		ug/L	8042804	8042804-BLK1	04/18/08 19:41
1,2,3-Trichloropropane	<0.290		ug/L	8042804	8042804-BLK1	04/18/08 19:41
1,3,5-Trimethylbenzene	<0.160		ug/L	8042804	8042804-BLK1	04/18/08 19:41
1,2,4-Trimethylbenzene	<0.170		ug/L	8042804	8042804-BLK1	04/18/08 19:41
Vinyl chloride	<0.290		ug/L	8042804	8042804-BLK1	04/18/08 19:41
Xylenes, total	<0.860		ug/L	8042804	8042804-BLK1	04/18/08 19:41
Surrogate: 1,2-Dichloroethane-d4	83%			8042804	8042804-BLK1	04/18/08 19:41
Surrogate: Dibromofluoromethane	84%			8042804	8042804-BLK1	04/18/08 19:41
Surrogate: Toluene-d8	83%			8042804	8042804-BLK1	04/18/08 19:41
Surrogate: 4-Bromofluorobenzene	83%			8042804	8042804-BLK1	04/18/08 19:41
8042893-BLK1						
Acetone	<25.0		ug/L	8042893	8042893-BLK1	04/19/08 04:31
Benzene	<0.270		ug/L	8042893	8042893-BLK1	04/19/08 04:31
Bromobenzene	<0.360		ug/L	8042893	8042893-BLK1	04/19/08 04:31
Bromochloromethane	<0.400		ug/L	8042893	8042893-BLK1	04/19/08 04:31
Bromodichloromethane	<0.350		ug/L	8042893	8042893-BLK1	04/19/08 04:31
Bromoform	<0.430		ug/L	8042893	8042893-BLK1	04/19/08 04:31
Bromomethane	<0.420		ug/L	8042893	8042893-BLK1	04/19/08 04:31
2-Butanone	<2.40		ug/L	8042893	8042893-BLK1	04/19/08 04:31
sec-Butylbenzene	<0.140		ug/L	8042893	8042893-BLK1	04/19/08 04:31
n-Butylbenzene	<0.280		ug/L	8042893	8042893-BLK1	04/19/08 04:31
tert-Butylbenzene	<0.330		ug/L	8042893	8042893-BLK1	04/19/08 04:31
Carbon disulfide	<0.380		ug/L	8042893	8042893-BLK1	04/19/08 04:31
Carbon Tetrachloride	<0.350		ug/L	8042893	8042893-BLK1	04/19/08 04:31
Chlorobenzene	<0.180		ug/L	8042893	8042893-BLK1	04/19/08 04:31
Chlorodibromomethane	<0.280		ug/L	8042893	8042893-BLK1	04/19/08 04:31
Chloroethane	<0.450		ug/L	8042893	8042893-BLK1	04/19/08 04:31
Chloroform	<0.280		ug/L	8042893	8042893-BLK1	04/19/08 04:31
Chloromethane	<0.380		ug/L	8042893	8042893-BLK1	04/19/08 04:31
2-Chlorotoluene	<0.300		ug/L	8042893	8042893-BLK1	04/19/08 04:31
4-Chlorotoluene	<0.330		ug/L	8042893	8042893-BLK1	04/19/08 04:31
1,2-Dibromo-3-chloropropane	<0.860		ug/L	8042893	8042893-BLK1	04/19/08 04:31
1,2-Dibromoethane (EDB)	<0.390		ug/L	8042893	8042893-BLK1	04/19/08 04:31
Dibromomethane	<0.350		ug/L	8042893	8042893-BLK1	04/19/08 04:31
1,4-Dichlorobenzene	<0.380		ug/L	8042893	8042893-BLK1	04/19/08 04:31

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
8042893-BLK1						
1,3-Dichlorobenzene	<0.350		ug/L	8042893	8042893-BLK1	04/19/08 04:31
1,2-Dichlorobenzene	<0.500		ug/L	8042893	8042893-BLK1	04/19/08 04:31
Dichlorodifluoromethane	<0.460		ug/L	8042893	8042893-BLK1	04/19/08 04:31
1,1-Dichloroethane	<0.540		ug/L	8042893	8042893-BLK1	04/19/08 04:31
1,2-Dichloroethane	<0.370		ug/L	8042893	8042893-BLK1	04/19/08 04:31
cis-1,2-Dichloroethene	<0.390		ug/L	8042893	8042893-BLK1	04/19/08 04:31
1,1-Dichloroethene	<0.340		ug/L	8042893	8042893-BLK1	04/19/08 04:31
trans-1,2-Dichloroethene	<0.470		ug/L	8042893	8042893-BLK1	04/19/08 04:31
1,3-Dichloropropane	<0.290		ug/L	8042893	8042893-BLK1	04/19/08 04:31
1,2-Dichloropropane	<0.320		ug/L	8042893	8042893-BLK1	04/19/08 04:31
2,2-Dichloropropane	<0.420		ug/L	8042893	8042893-BLK1	04/19/08 04:31
cis-1,3-Dichloropropene	<0.290		ug/L	8042893	8042893-BLK1	04/19/08 04:31
trans-1,3-Dichloropropene	<0.330		ug/L	8042893	8042893-BLK1	04/19/08 04:31
1,1-Dichloropropene	<0.310		ug/L	8042893	8042893-BLK1	04/19/08 04:31
Ethylbenzene	<0.240		ug/L	8042893	8042893-BLK1	04/19/08 04:31
Hexachlorobutadiene	<0.910		ug/L	8042893	8042893-BLK1	04/19/08 04:31
2-Hexanone	<16.7		ug/L	8042893	8042893-BLK1	04/19/08 04:31
Isopropylbenzene	<0.300		ug/L	8042893	8042893-BLK1	04/19/08 04:31
p-Isopropyltoluene	<0.220		ug/L	8042893	8042893-BLK1	04/19/08 04:31
Methyl tert-Butyl Ether	<0.420		ug/L	8042893	8042893-BLK1	04/19/08 04:31
Methylene Chloride	<0.830		ug/L	8042893	8042893-BLK1	04/19/08 04:31
4-Methyl-2-pentanone	<3.49		ug/L	8042893	8042893-BLK1	04/19/08 04:31
Naphthalene	<0.540		ug/L	8042893	8042893-BLK1	04/19/08 04:31
n-Propylbenzene	<0.290		ug/L	8042893	8042893-BLK1	04/19/08 04:31
Styrene	<0.330		ug/L	8042893	8042893-BLK1	04/19/08 04:31
1,1,1,2-Tetrachloroethane	<0.290		ug/L	8042893	8042893-BLK1	04/19/08 04:31
1,1,2,2-Tetrachloroethane	<0.290		ug/L	8042893	8042893-BLK1	04/19/08 04:31
Tetrachloroethene	<0.230		ug/L	8042893	8042893-BLK1	04/19/08 04:31
Toluene	<0.280		ug/L	8042893	8042893-BLK1	04/19/08 04:31
1,2,3-Trichlorobenzene	<0.940		ug/L	8042893	8042893-BLK1	04/19/08 04:31
1,2,4-Trichlorobenzene	<0.500		ug/L	8042893	8042893-BLK1	04/19/08 04:31
1,1,2-Trichloroethane	<0.400		ug/L	8042893	8042893-BLK1	04/19/08 04:31
1,1,1-Trichloroethane	<0.370		ug/L	8042893	8042893-BLK1	04/19/08 04:31
Trichloroethene	<0.230		ug/L	8042893	8042893-BLK1	04/19/08 04:31
Trichlorofluoromethane	<0.350		ug/L	8042893	8042893-BLK1	04/19/08 04:31
1,2,3-Trichloropropane	<0.290		ug/L	8042893	8042893-BLK1	04/19/08 04:31
1,3,5-Trimethylbenzene	<0.160		ug/L	8042893	8042893-BLK1	04/19/08 04:31
1,2,4-Trimethylbenzene	<0.170		ug/L	8042893	8042893-BLK1	04/19/08 04:31
Vinyl chloride	<0.290		ug/L	8042893	8042893-BLK1	04/19/08 04:31
Xylenes, total	<0.860		ug/L	8042893	8042893-BLK1	04/19/08 04:31
Surrogate: 1,2-Dichloroethane-d4	81%			8042893	8042893-BLK1	04/19/08 04:31

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
8042893-BLK1						
Surrogate: Dibromofluoromethane	82%			8042893	8042893-BLK1	04/19/08 04:31
Surrogate: Toluene-d8	84%			8042893	8042893-BLK1	04/19/08 04:31
Surrogate: 4-Bromofluorobenzene	85%			8042893	8042893-BLK1	04/19/08 04:31
8043293-BLK1						
Acetone	<25.0		ug/L	8043293	8043293-BLK1	04/20/08 09:20
Benzene	<0.270		ug/L	8043293	8043293-BLK1	04/20/08 09:20
Bromobenzene	<0.360		ug/L	8043293	8043293-BLK1	04/20/08 09:20
Bromochloromethane	<0.400		ug/L	8043293	8043293-BLK1	04/20/08 09:20
Bromodichloromethane	<0.350		ug/L	8043293	8043293-BLK1	04/20/08 09:20
Bromoform	<0.430		ug/L	8043293	8043293-BLK1	04/20/08 09:20
Bromomethane	<0.420		ug/L	8043293	8043293-BLK1	04/20/08 09:20
2-Butanone	<2.40		ug/L	8043293	8043293-BLK1	04/20/08 09:20
sec-Butylbenzene	<0.140		ug/L	8043293	8043293-BLK1	04/20/08 09:20
n-Butylbenzene	<0.280		ug/L	8043293	8043293-BLK1	04/20/08 09:20
tert-Butylbenzene	<0.330		ug/L	8043293	8043293-BLK1	04/20/08 09:20
Carbon disulfide	<0.380		ug/L	8043293	8043293-BLK1	04/20/08 09:20
Carbon Tetrachloride	<0.350		ug/L	8043293	8043293-BLK1	04/20/08 09:20
Chlorobenzene	<0.180		ug/L	8043293	8043293-BLK1	04/20/08 09:20
Chlorodibromomethane	<0.280		ug/L	8043293	8043293-BLK1	04/20/08 09:20
Chloroethane	<0.450		ug/L	8043293	8043293-BLK1	04/20/08 09:20
Chloroform	<0.280		ug/L	8043293	8043293-BLK1	04/20/08 09:20
Chloromethane	<0.380		ug/L	8043293	8043293-BLK1	04/20/08 09:20
2-Chlorotoluene	<0.300		ug/L	8043293	8043293-BLK1	04/20/08 09:20
4-Chlorotoluene	<0.330		ug/L	8043293	8043293-BLK1	04/20/08 09:20
1,2-Dibromo-3-chloropropane	<0.860		ug/L	8043293	8043293-BLK1	04/20/08 09:20
1,2-Dibromoethane (EDB)	<0.390		ug/L	8043293	8043293-BLK1	04/20/08 09:20
Dibromomethane	<0.350		ug/L	8043293	8043293-BLK1	04/20/08 09:20
1,4-Dichlorobenzene	<0.380		ug/L	8043293	8043293-BLK1	04/20/08 09:20
1,3-Dichlorobenzene	<0.350		ug/L	8043293	8043293-BLK1	04/20/08 09:20
1,2-Dichlorobenzene	<0.500		ug/L	8043293	8043293-BLK1	04/20/08 09:20
Dichlorodifluoromethane	<0.460		ug/L	8043293	8043293-BLK1	04/20/08 09:20
1,1-Dichloroethane	<0.540		ug/L	8043293	8043293-BLK1	04/20/08 09:20
1,2-Dichloroethane	<0.370		ug/L	8043293	8043293-BLK1	04/20/08 09:20
cis-1,2-Dichloroethene	<0.390		ug/L	8043293	8043293-BLK1	04/20/08 09:20
1,1-Dichloroethene	<0.340		ug/L	8043293	8043293-BLK1	04/20/08 09:20
trans-1,2-Dichloroethene	<0.470		ug/L	8043293	8043293-BLK1	04/20/08 09:20
1,3-Dichloropropane	<0.290		ug/L	8043293	8043293-BLK1	04/20/08 09:20
1,2-Dichloropropane	<0.320		ug/L	8043293	8043293-BLK1	04/20/08 09:20
2,2-Dichloropropane	<0.420		ug/L	8043293	8043293-BLK1	04/20/08 09:20
cis-1,3-Dichloropropene	<0.290		ug/L	8043293	8043293-BLK1	04/20/08 09:20

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
8043293-BLK1						
trans-1,3-Dichloropropene	<0.330		ug/L	8043293	8043293-BLK1	04/20/08 09:20
1,1-Dichloropropene	<0.310		ug/L	8043293	8043293-BLK1	04/20/08 09:20
Ethylbenzene	<0.240		ug/L	8043293	8043293-BLK1	04/20/08 09:20
Hexachlorobutadiene	<0.910		ug/L	8043293	8043293-BLK1	04/20/08 09:20
2-Hexanone	<16.7		ug/L	8043293	8043293-BLK1	04/20/08 09:20
Isopropylbenzene	<0.300		ug/L	8043293	8043293-BLK1	04/20/08 09:20
p-Isopropyltoluene	<0.220		ug/L	8043293	8043293-BLK1	04/20/08 09:20
Methyl tert-Butyl Ether	<0.420		ug/L	8043293	8043293-BLK1	04/20/08 09:20
Methylene Chloride	<0.830		ug/L	8043293	8043293-BLK1	04/20/08 09:20
4-Methyl-2-pentanone	<3.49		ug/L	8043293	8043293-BLK1	04/20/08 09:20
Naphthalene	<0.540		ug/L	8043293	8043293-BLK1	04/20/08 09:20
n-Propylbenzene	<0.290		ug/L	8043293	8043293-BLK1	04/20/08 09:20
Styrene	<0.330		ug/L	8043293	8043293-BLK1	04/20/08 09:20
1,1,1,2-Tetrachloroethane	<0.290		ug/L	8043293	8043293-BLK1	04/20/08 09:20
1,1,2,2-Tetrachloroethane	<0.290		ug/L	8043293	8043293-BLK1	04/20/08 09:20
Tetrachloroethene	<0.230		ug/L	8043293	8043293-BLK1	04/20/08 09:20
Toluene	<0.280		ug/L	8043293	8043293-BLK1	04/20/08 09:20
1,2,3-Trichlorobenzene	<0.940		ug/L	8043293	8043293-BLK1	04/20/08 09:20
1,2,4-Trichlorobenzene	<0.500		ug/L	8043293	8043293-BLK1	04/20/08 09:20
1,1,2-Trichloroethane	<0.400		ug/L	8043293	8043293-BLK1	04/20/08 09:20
1,1,1-Trichloroethane	<0.370		ug/L	8043293	8043293-BLK1	04/20/08 09:20
Trichloroethene	0.280	B	ug/L	8043293	8043293-BLK1	04/20/08 09:20
Trichlorofluoromethane	<0.350		ug/L	8043293	8043293-BLK1	04/20/08 09:20
1,2,3-Trichloropropane	<0.290		ug/L	8043293	8043293-BLK1	04/20/08 09:20
1,3,5-Trimethylbenzene	<0.160		ug/L	8043293	8043293-BLK1	04/20/08 09:20
1,2,4-Trimethylbenzene	<0.170		ug/L	8043293	8043293-BLK1	04/20/08 09:20
Vinyl chloride	<0.290		ug/L	8043293	8043293-BLK1	04/20/08 09:20
Xylenes, total	<0.860		ug/L	8043293	8043293-BLK1	04/20/08 09:20
Surrogate: 1,2-Dichloroethane-d4	77%			8043293	8043293-BLK1	04/20/08 09:20
Surrogate: Dibromofluoromethane	80%			8043293	8043293-BLK1	04/20/08 09:20
Surrogate: Toluene-d8	83%			8043293	8043293-BLK1	04/20/08 09:20
Surrogate: 4-Bromofluorobenzene	81%			8043293	8043293-BLK1	04/20/08 09:20
8043717-BLK1						
Acetone	<25.0		ug/L	8043717	8043717-BLK1	04/21/08 18:39
Benzene	<0.270		ug/L	8043717	8043717-BLK1	04/21/08 18:39
Bromobenzene	<0.360		ug/L	8043717	8043717-BLK1	04/21/08 18:39
Bromochloromethane	<0.400		ug/L	8043717	8043717-BLK1	04/21/08 18:39
Bromodichloromethane	<0.350		ug/L	8043717	8043717-BLK1	04/21/08 18:39
Bromoform	<0.430		ug/L	8043717	8043717-BLK1	04/21/08 18:39
Bromomethane	<0.420		ug/L	8043717	8043717-BLK1	04/21/08 18:39

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
8043717-BLK1						
2-Butanone	<2.40		ug/L	8043717	8043717-BLK1	04/21/08 18:39
sec-Butylbenzene	<0.140		ug/L	8043717	8043717-BLK1	04/21/08 18:39
n-Butylbenzene	<0.280		ug/L	8043717	8043717-BLK1	04/21/08 18:39
tert-Butylbenzene	<0.330		ug/L	8043717	8043717-BLK1	04/21/08 18:39
Carbon disulfide	<0.380		ug/L	8043717	8043717-BLK1	04/21/08 18:39
Carbon Tetrachloride	<0.350		ug/L	8043717	8043717-BLK1	04/21/08 18:39
Chlorobenzene	<0.180		ug/L	8043717	8043717-BLK1	04/21/08 18:39
Chlorodibromomethane	<0.280		ug/L	8043717	8043717-BLK1	04/21/08 18:39
Chloroethane	<0.450		ug/L	8043717	8043717-BLK1	04/21/08 18:39
Chloroform	<0.280		ug/L	8043717	8043717-BLK1	04/21/08 18:39
Chloromethane	<0.380		ug/L	8043717	8043717-BLK1	04/21/08 18:39
2-Chlorotoluene	<0.300		ug/L	8043717	8043717-BLK1	04/21/08 18:39
4-Chlorotoluene	<0.330		ug/L	8043717	8043717-BLK1	04/21/08 18:39
1,2-Dibromo-3-chloropropane	<0.860		ug/L	8043717	8043717-BLK1	04/21/08 18:39
1,2-Dibromoethane (EDB)	<0.390		ug/L	8043717	8043717-BLK1	04/21/08 18:39
Dibromomethane	<0.350		ug/L	8043717	8043717-BLK1	04/21/08 18:39
1,4-Dichlorobenzene	<0.380		ug/L	8043717	8043717-BLK1	04/21/08 18:39
1,3-Dichlorobenzene	<0.350		ug/L	8043717	8043717-BLK1	04/21/08 18:39
1,2-Dichlorobenzene	<0.500		ug/L	8043717	8043717-BLK1	04/21/08 18:39
Dichlorodifluoromethane	<0.460		ug/L	8043717	8043717-BLK1	04/21/08 18:39
1,1-Dichloroethane	<0.540		ug/L	8043717	8043717-BLK1	04/21/08 18:39
1,2-Dichloroethane	<0.370		ug/L	8043717	8043717-BLK1	04/21/08 18:39
cis-1,2-Dichloroethene	<0.390		ug/L	8043717	8043717-BLK1	04/21/08 18:39
1,1-Dichloroethene	<0.340		ug/L	8043717	8043717-BLK1	04/21/08 18:39
trans-1,2-Dichloroethene	<0.470		ug/L	8043717	8043717-BLK1	04/21/08 18:39
1,3-Dichloropropane	<0.290		ug/L	8043717	8043717-BLK1	04/21/08 18:39
1,2-Dichloropropane	<0.320		ug/L	8043717	8043717-BLK1	04/21/08 18:39
2,2-Dichloropropane	<0.420		ug/L	8043717	8043717-BLK1	04/21/08 18:39
cis-1,3-Dichloropropene	<0.290		ug/L	8043717	8043717-BLK1	04/21/08 18:39
trans-1,3-Dichloropropene	<0.330		ug/L	8043717	8043717-BLK1	04/21/08 18:39
1,1-Dichloropropene	<0.310		ug/L	8043717	8043717-BLK1	04/21/08 18:39
Ethylbenzene	<0.240		ug/L	8043717	8043717-BLK1	04/21/08 18:39
Hexachlorobutadiene	<0.910		ug/L	8043717	8043717-BLK1	04/21/08 18:39
2-Hexanone	<16.7		ug/L	8043717	8043717-BLK1	04/21/08 18:39
Isopropylbenzene	<0.300		ug/L	8043717	8043717-BLK1	04/21/08 18:39
p-Isopropyltoluene	<0.220		ug/L	8043717	8043717-BLK1	04/21/08 18:39
Methyl tert-Butyl Ether	<0.420		ug/L	8043717	8043717-BLK1	04/21/08 18:39
Methylene Chloride	1.07	B	ug/L	8043717	8043717-BLK1	04/21/08 18:39
4-Methyl-2-pentanone	<3.49		ug/L	8043717	8043717-BLK1	04/21/08 18:39
Naphthalene	<0.540		ug/L	8043717	8043717-BLK1	04/21/08 18:39
n-Propylbenzene	<0.290		ug/L	8043717	8043717-BLK1	04/21/08 18:39

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
8043717-BLK1						
Styrene	<0.330		ug/L	8043717	8043717-BLK1	04/21/08 18:39
1,1,1,2-Tetrachloroethane	<0.290		ug/L	8043717	8043717-BLK1	04/21/08 18:39
1,1,2,2-Tetrachloroethane	<0.290		ug/L	8043717	8043717-BLK1	04/21/08 18:39
Tetrachloroethene	<0.230		ug/L	8043717	8043717-BLK1	04/21/08 18:39
Toluene	<0.280		ug/L	8043717	8043717-BLK1	04/21/08 18:39
1,2,3-Trichlorobenzene	<0.940		ug/L	8043717	8043717-BLK1	04/21/08 18:39
1,2,4-Trichlorobenzene	<0.500		ug/L	8043717	8043717-BLK1	04/21/08 18:39
1,1,2-Trichloroethane	<0.400		ug/L	8043717	8043717-BLK1	04/21/08 18:39
1,1,1-Trichloroethane	<0.370		ug/L	8043717	8043717-BLK1	04/21/08 18:39
Trichloroethene	0.300	B	ug/L	8043717	8043717-BLK1	04/21/08 18:39
Trichlorofluoromethane	<0.350		ug/L	8043717	8043717-BLK1	04/21/08 18:39
1,2,3-Trichloropropane	<0.290		ug/L	8043717	8043717-BLK1	04/21/08 18:39
1,3,5-Trimethylbenzene	<0.160		ug/L	8043717	8043717-BLK1	04/21/08 18:39
1,2,4-Trimethylbenzene	<0.170		ug/L	8043717	8043717-BLK1	04/21/08 18:39
Vinyl chloride	<0.290		ug/L	8043717	8043717-BLK1	04/21/08 18:39
Xylenes, total	<0.860		ug/L	8043717	8043717-BLK1	04/21/08 18:39
Surrogate: 1,2-Dichloroethane-d4	101%			8043717	8043717-BLK1	04/21/08 18:39
Surrogate: Dibromofluoromethane	99%			8043717	8043717-BLK1	04/21/08 18:39
Surrogate: Toluene-d8	107%			8043717	8043717-BLK1	04/21/08 18:39
Surrogate: 4-Bromofluorobenzene	95%			8043717	8043717-BLK1	04/21/08 18:39
Extractable Petroleum Hydrocarbons						
8042949-BLK1						
Diesel	<20.0		ug/L	8042949	8042949-BLK1	04/21/08 23:15
Surrogate: o-Terphenyl	86%			8042949	8042949-BLK1	04/21/08 23:15

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters									
8043585-DUP1									
Cyanide, Weak Acid Dissociable	0.106	0.0813		mg/L	26	29	8043585	NRD1782-01	04/25/08 09:39

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
8043585-BS1								
Cyanide	0.100	0.0993		mg/L	99%	90 - 110	8043585	04/25/08 09:39
Cyanide, Weak Acid Dissociable	0.100	0.107		mg/L	107%	81 - 119	8043585	04/25/08 09:39
Polychlorinated Biphenyls by EPA Method 8082								
8042894-BS1								
PCB-1248	10.0	8.90	MNR1	ug/L	89%	20 - 140	8042894	04/22/08 01:45
Surrogate: Tetrachloro-meta-xylene	1.00	0.808			81%	29 - 137	8042894	04/22/08 01:45
Surrogate: Decachlorobiphenyl	1.00	0.856			86%	10 - 146	8042894	04/22/08 01:45
Polychlorinated Biphenyls in Oil by EPA Method 8082								
8043099-BS1								
PCB-1248	5.00	4.69		mg/kg	94%	30 - 138	8043099	04/24/08 02:25
Surrogate: Tetrachloro-meta-xylene	0.500	0.550			110%	15 - 150	8043099	04/24/08 02:25
Surrogate: Decachlorobiphenyl	0.500	0.580			116%	10 - 146	8043099	04/24/08 02:25
Volatile Organic Compounds by EPA Method 8260B								
8042804-BS1								
Acetone	250	247	MNR1	ug/L	99%	62 - 150	8042804	04/18/08 17:59
Benzene	50.0	51.8	MNR1	ug/L	104%	80 - 137	8042804	04/18/08 17:59
Bromobenzene	50.0	49.1	MNR1	ug/L	98%	74 - 131	8042804	04/18/08 17:59
Bromochloromethane	50.0	57.9	MNR1	ug/L	116%	80 - 128	8042804	04/18/08 17:59
Bromodichloromethane	50.0	46.0	MNR1	ug/L	92%	80 - 129	8042804	04/18/08 17:59
Bromoform	50.0	46.3	MNR1	ug/L	93%	69 - 127	8042804	04/18/08 17:59
Bromomethane	50.0	42.3	MNR1	ug/L	85%	62 - 148	8042804	04/18/08 17:59
2-Butanone	250	269	MNR1	ug/L	108%	77 - 141	8042804	04/18/08 17:59
sec-Butylbenzene	50.0	53.5	MNR1	ug/L	107%	78 - 133	8042804	04/18/08 17:59
n-Butylbenzene	50.0	54.0	MNR1	ug/L	108%	72 - 136	8042804	04/18/08 17:59
tert-Butylbenzene	50.0	51.4	MNR1	ug/L	103%	77 - 135	8042804	04/18/08 17:59
Carbon disulfide	50.0	57.7	MNR1	ug/L	115%	80 - 126	8042804	04/18/08 17:59
Carbon Tetrachloride	50.0	55.6	MNR1	ug/L	111%	76 - 143	8042804	04/18/08 17:59
Chlorobenzene	50.0	52.2	MNR1	ug/L	104%	80 - 120	8042804	04/18/08 17:59
Chlorodibromomethane	50.0	44.2	MNR1	ug/L	88%	76 - 123	8042804	04/18/08 17:59
Chloroethane	50.0	51.0	MNR1	ug/L	102%	77 - 127	8042804	04/18/08 17:59
Chloroform	50.0	51.9	MNR1	ug/L	104%	80 - 133	8042804	04/18/08 17:59
Chloromethane	50.0	65.7	MNR1, L	ug/L	131%	33 - 125	8042804	04/18/08 17:59
2-Chlorotoluene	50.0	51.4	MNR1	ug/L	103%	80 - 127	8042804	04/18/08 17:59
4-Chlorotoluene	50.0	51.1	MNR1	ug/L	102%	80 - 127	8042804	04/18/08 17:59
1,2-Dibromo-3-chloropropane	50.0	53.9	MNR1	ug/L	108%	60 - 136	8042804	04/18/08 17:59
1,2-Dibromoethane (EDB)	50.0	57.4	MNR1	ug/L	115%	80 - 125	8042804	04/18/08 17:59
Dibromomethane	50.0	53.1	MNR1	ug/L	106%	80 - 124	8042804	04/18/08 17:59
1,4-Dichlorobenzene	50.0	51.0	MNR1	ug/L	102%	80 - 120	8042804	04/18/08 17:59

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
8042804-BS1								
1,3-Dichlorobenzene	50.0	51.4	MNR1	ug/L	103%	80 - 123	8042804	04/18/08 17:59
1,2-Dichlorobenzene	50.0	52.9	MNR1	ug/L	106%	80 - 122	8042804	04/18/08 17:59
Dichlorodifluoromethane	50.0	46.2	MNR1	ug/L	92%	36 - 120	8042804	04/18/08 17:59
1,1-Dichloroethane	50.0	51.3	MNR1	ug/L	103%	76 - 130	8042804	04/18/08 17:59
1,2-Dichloroethane	50.0	50.9	MNR1	ug/L	102%	69 - 136	8042804	04/18/08 17:59
cis-1,2-Dichloroethene	50.0	51.4	MNR1	ug/L	103%	80 - 129	8042804	04/18/08 17:59
1,1-Dichloroethene	50.0	48.6	MNR1	ug/L	97%	80 - 127	8042804	04/18/08 17:59
trans-1,2-Dichloroethene	50.0	51.4	MNR1	ug/L	103%	80 - 131	8042804	04/18/08 17:59
1,3-Dichloropropane	50.0	49.0	MNR1	ug/L	98%	80 - 122	8042804	04/18/08 17:59
1,2-Dichloropropane	50.0	47.6	MNR1	ug/L	95%	80 - 120	8042804	04/18/08 17:59
2,2-Dichloropropane	50.0	45.3	MNR1	ug/L	91%	62 - 142	8042804	04/18/08 17:59
cis-1,3-Dichloropropene	50.0	44.8	MNR1	ug/L	90%	76 - 135	8042804	04/18/08 17:59
trans-1,3-Dichloropropene	50.0	41.1	MNR1	ug/L	82%	70 - 137	8042804	04/18/08 17:59
1,1-Dichloropropene	50.0	50.1	MNR1	ug/L	100%	80 - 127	8042804	04/18/08 17:59
Ethylbenzene	50.0	52.3	MNR1	ug/L	105%	80 - 128	8042804	04/18/08 17:59
Hexachlorobutadiene	50.0	54.0	MNR1	ug/L	108%	68 - 148	8042804	04/18/08 17:59
2-Hexanone	250	265	MNR1	ug/L	106%	69 - 148	8042804	04/18/08 17:59
Isopropylbenzene	50.0	47.0	MNR1	ug/L	94%	80 - 121	8042804	04/18/08 17:59
p-Isopropyltoluene	50.0	53.1	MNR1	ug/L	106%	79 - 127	8042804	04/18/08 17:59
Methyl tert-Butyl Ether	50.0	46.8	MNR1	ug/L	94%	70 - 129	8042804	04/18/08 17:59
Methylene Chloride	50.0	56.2	MNR1	ug/L	112%	76 - 135	8042804	04/18/08 17:59
4-Methyl-2-pentanone	250	241	MNR1	ug/L	96%	67 - 143	8042804	04/18/08 17:59
Naphthalene	50.0	60.0	MNR1	ug/L	120%	62 - 141	8042804	04/18/08 17:59
n-Propylbenzene	50.0	52.0	MNR1	ug/L	104%	80 - 132	8042804	04/18/08 17:59
Styrene	50.0	57.9	MNR1	ug/L	116%	80 - 139	8042804	04/18/08 17:59
1,1,1,2-Tetrachloroethane	50.0	47.9	MNR1	ug/L	96%	80 - 135	8042804	04/18/08 17:59
1,1,2,2-Tetrachloroethane	50.0	55.0	MNR1	ug/L	110%	65 - 145	8042804	04/18/08 17:59
Tetrachloroethene	50.0	48.2	MNR1	ug/L	96%	80 - 125	8042804	04/18/08 17:59
Toluene	50.0	48.4	MNR1	ug/L	97%	80 - 125	8042804	04/18/08 17:59
1,2,3-Trichlorobenzene	50.0	55.8	MNR1	ug/L	112%	57 - 144	8042804	04/18/08 17:59
1,2,4-Trichlorobenzene	50.0	55.4	MNR1	ug/L	111%	60 - 140	8042804	04/18/08 17:59
1,1,2-Trichloroethane	50.0	48.0	MNR1	ug/L	96%	80 - 122	8042804	04/18/08 17:59
1,1,1-Trichloroethane	50.0	51.1	MNR1	ug/L	102%	80 - 131	8042804	04/18/08 17:59
Trichloroethene	50.0	53.6	MNR1	ug/L	107%	80 - 131	8042804	04/18/08 17:59
Trichlorofluoromethane	50.0	46.2	MNR1	ug/L	92%	68 - 125	8042804	04/18/08 17:59
1,2,3-Trichloropropane	50.0	52.6	MNR1	ug/L	105%	60 - 127	8042804	04/18/08 17:59
1,3,5-Trimethylbenzene	50.0	54.1	MNR1	ug/L	108%	80 - 129	8042804	04/18/08 17:59
1,2,4-Trimethylbenzene	50.0	54.8	MNR1	ug/L	110%	80 - 128	8042804	04/18/08 17:59
Vinyl chloride	50.0	50.2	MNR1	ug/L	100%	69 - 120	8042804	04/18/08 17:59
Xylenes, total	150	159	MNR1	ug/L	106%	80 - 129	8042804	04/18/08 17:59
Surrogate: 1,2-Dichloroethane-d4	25.0	20.6			82%	60 - 140	8042804	04/18/08 17:59

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
8042804-BS1								
Surrogate: Dibromofluoromethane	25.0	22.0			88%	75 - 124	8042804	04/18/08 17:59
Surrogate: Toluene-d8	25.0	20.4			81%	78 - 121	8042804	04/18/08 17:59
Surrogate: 4-Bromofluorobenzene	25.0	21.3			85%	79 - 124	8042804	04/18/08 17:59
8042893-BS1								
Acetone	250	267		ug/L	107%	62 - 150	8042893	04/19/08 02:50
Benzene	50.0	53.0		ug/L	106%	80 - 137	8042893	04/19/08 02:50
Bromobenzene	50.0	49.5		ug/L	99%	74 - 131	8042893	04/19/08 02:50
Bromochloromethane	50.0	58.7		ug/L	117%	80 - 128	8042893	04/19/08 02:50
Bromodichloromethane	50.0	46.1		ug/L	92%	80 - 129	8042893	04/19/08 02:50
Bromoform	50.0	46.4		ug/L	93%	69 - 127	8042893	04/19/08 02:50
Bromomethane	50.0	47.0		ug/L	94%	62 - 148	8042893	04/19/08 02:50
2-Butanone	250	263		ug/L	105%	77 - 141	8042893	04/19/08 02:50
sec-Butylbenzene	50.0	53.0		ug/L	106%	78 - 133	8042893	04/19/08 02:50
n-Butylbenzene	50.0	51.4		ug/L	103%	72 - 136	8042893	04/19/08 02:50
tert-Butylbenzene	50.0	51.5		ug/L	103%	77 - 135	8042893	04/19/08 02:50
Carbon disulfide	50.0	55.7		ug/L	111%	80 - 126	8042893	04/19/08 02:50
Carbon Tetrachloride	50.0	56.8		ug/L	114%	76 - 143	8042893	04/19/08 02:50
Chlorobenzene	50.0	52.8		ug/L	106%	80 - 120	8042893	04/19/08 02:50
Chlorodibromomethane	50.0	46.6		ug/L	93%	76 - 123	8042893	04/19/08 02:50
Chloroethane	50.0	49.3		ug/L	99%	77 - 127	8042893	04/19/08 02:50
Chloroform	50.0	51.8		ug/L	104%	80 - 133	8042893	04/19/08 02:50
Chloromethane	50.0	64.5	L	ug/L	129%	33 - 125	8042893	04/19/08 02:50
2-Chlorotoluene	50.0	51.3		ug/L	103%	80 - 127	8042893	04/19/08 02:50
4-Chlorotoluene	50.0	50.4		ug/L	101%	80 - 127	8042893	04/19/08 02:50
1,2-Dibromo-3-chloropropane	50.0	53.3		ug/L	107%	60 - 136	8042893	04/19/08 02:50
1,2-Dibromoethane (EDB)	50.0	57.6		ug/L	115%	80 - 125	8042893	04/19/08 02:50
Dibromomethane	50.0	53.2		ug/L	106%	80 - 124	8042893	04/19/08 02:50
1,4-Dichlorobenzene	50.0	50.8		ug/L	102%	80 - 120	8042893	04/19/08 02:50
1,3-Dichlorobenzene	50.0	51.4		ug/L	103%	80 - 123	8042893	04/19/08 02:50
1,2-Dichlorobenzene	50.0	52.4		ug/L	105%	80 - 122	8042893	04/19/08 02:50
Dichlorodifluoromethane	50.0	44.4		ug/L	89%	36 - 120	8042893	04/19/08 02:50
1,1-Dichloroethane	50.0	51.2		ug/L	102%	76 - 130	8042893	04/19/08 02:50
1,2-Dichloroethane	50.0	50.3		ug/L	101%	69 - 136	8042893	04/19/08 02:50
cis-1,2-Dichloroethene	50.0	50.5		ug/L	101%	80 - 129	8042893	04/19/08 02:50
1,1-Dichloroethene	50.0	49.1		ug/L	98%	80 - 127	8042893	04/19/08 02:50
trans-1,2-Dichloroethene	50.0	51.5		ug/L	103%	80 - 131	8042893	04/19/08 02:50
1,3-Dichloropropane	50.0	49.9		ug/L	100%	80 - 122	8042893	04/19/08 02:50
1,2-Dichloropropane	50.0	48.1		ug/L	96%	80 - 120	8042893	04/19/08 02:50
2,2-Dichloropropane	50.0	38.1		ug/L	76%	62 - 142	8042893	04/19/08 02:50
cis-1,3-Dichloropropene	50.0	43.2		ug/L	86%	76 - 135	8042893	04/19/08 02:50

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
8042893-BS1								
trans-1,3-Dichloropropene	50.0	43.0		ug/L	86%	70 - 137	8042893	04/19/08 02:50
1,1-Dichloropropene	50.0	50.5		ug/L	101%	80 - 127	8042893	04/19/08 02:50
Ethylbenzene	50.0	52.5		ug/L	105%	80 - 128	8042893	04/19/08 02:50
Hexachlorobutadiene	50.0	51.5		ug/L	103%	68 - 148	8042893	04/19/08 02:50
2-Hexanone	250	263		ug/L	105%	69 - 148	8042893	04/19/08 02:50
Isopropylbenzene	50.0	47.1		ug/L	94%	80 - 121	8042893	04/19/08 02:50
p-Isopropyltoluene	50.0	52.1		ug/L	104%	79 - 127	8042893	04/19/08 02:50
Methyl tert-Butyl Ether	50.0	46.2		ug/L	92%	70 - 129	8042893	04/19/08 02:50
Methylene Chloride	50.0	55.6		ug/L	111%	76 - 135	8042893	04/19/08 02:50
4-Methyl-2-pentanone	250	246		ug/L	98%	67 - 143	8042893	04/19/08 02:50
Naphthalene	50.0	58.9		ug/L	118%	62 - 141	8042893	04/19/08 02:50
n-Propylbenzene	50.0	51.7		ug/L	103%	80 - 132	8042893	04/19/08 02:50
Styrene	50.0	58.6		ug/L	117%	80 - 139	8042893	04/19/08 02:50
1,1,1,2-Tetrachloroethane	50.0	49.0		ug/L	98%	80 - 135	8042893	04/19/08 02:50
1,1,2,2-Tetrachloroethane	50.0	54.4		ug/L	109%	65 - 145	8042893	04/19/08 02:50
Tetrachloroethene	50.0	49.9		ug/L	100%	80 - 125	8042893	04/19/08 02:50
Toluene	50.0	51.0		ug/L	102%	80 - 125	8042893	04/19/08 02:50
1,2,3-Trichlorobenzene	50.0	54.6		ug/L	109%	57 - 144	8042893	04/19/08 02:50
1,2,4-Trichlorobenzene	50.0	53.3		ug/L	107%	60 - 140	8042893	04/19/08 02:50
1,1,2-Trichloroethane	50.0	51.4		ug/L	103%	80 - 122	8042893	04/19/08 02:50
1,1,1-Trichloroethane	50.0	50.7		ug/L	101%	80 - 131	8042893	04/19/08 02:50
Trichloroethene	50.0	54.3		ug/L	109%	80 - 131	8042893	04/19/08 02:50
Trichlorofluoromethane	50.0	45.4		ug/L	91%	68 - 125	8042893	04/19/08 02:50
1,2,3-Trichloropropane	50.0	51.8		ug/L	104%	60 - 127	8042893	04/19/08 02:50
1,3,5-Trimethylbenzene	50.0	53.5		ug/L	107%	80 - 129	8042893	04/19/08 02:50
1,2,4-Trimethylbenzene	50.0	54.6		ug/L	109%	80 - 128	8042893	04/19/08 02:50
Vinyl chloride	50.0	50.8		ug/L	102%	69 - 120	8042893	04/19/08 02:50
Xylenes, total	150	159		ug/L	106%	80 - 129	8042893	04/19/08 02:50
Surrogate: 1,2-Dichloroethane-d4	25.0	19.9			80%	60 - 140	8042893	04/19/08 02:50
Surrogate: Dibromofluoromethane	25.0	21.5			86%	75 - 124	8042893	04/19/08 02:50
Surrogate: Toluene-d8	25.0	20.9			84%	78 - 121	8042893	04/19/08 02:50
Surrogate: 4-Bromofluorobenzene	25.0	21.1			84%	79 - 124	8042893	04/19/08 02:50
8043293-BS1								
Acetone	250	277		ug/L	111%	62 - 150	8043293	04/20/08 06:24
Benzene	50.0	54.9		ug/L	110%	80 - 137	8043293	04/20/08 06:24
Bromobenzene	50.0	49.6		ug/L	99%	74 - 131	8043293	04/20/08 06:24
Bromochloromethane	50.0	59.8		ug/L	120%	80 - 128	8043293	04/20/08 06:24
Bromodichloromethane	50.0	46.6		ug/L	93%	80 - 129	8043293	04/20/08 06:24
Bromoform	50.0	46.5		ug/L	93%	69 - 127	8043293	04/20/08 06:24
Bromomethane	50.0	55.3		ug/L	111%	62 - 148	8043293	04/20/08 06:24

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
8043293-BS1								
2-Butanone	250	263		ug/L	105%	77 - 141	8043293	04/20/08 06:24
sec-Butylbenzene	50.0	55.4		ug/L	111%	78 - 133	8043293	04/20/08 06:24
n-Butylbenzene	50.0	53.8		ug/L	108%	72 - 136	8043293	04/20/08 06:24
tert-Butylbenzene	50.0	60.0		ug/L	120%	77 - 135	8043293	04/20/08 06:24
Carbon disulfide	50.0	56.6		ug/L	113%	80 - 126	8043293	04/20/08 06:24
Carbon Tetrachloride	50.0	58.5		ug/L	117%	76 - 143	8043293	04/20/08 06:24
Chlorobenzene	50.0	55.2		ug/L	110%	80 - 120	8043293	04/20/08 06:24
Chlorodibromomethane	50.0	46.1		ug/L	92%	76 - 123	8043293	04/20/08 06:24
Chloroethane	50.0	49.6		ug/L	99%	77 - 127	8043293	04/20/08 06:24
Chloroform	50.0	53.0		ug/L	106%	80 - 133	8043293	04/20/08 06:24
Chloromethane	50.0	68.7	L	ug/L	137%	33 - 125	8043293	04/20/08 06:24
2-Chlorotoluene	50.0	52.1		ug/L	104%	80 - 127	8043293	04/20/08 06:24
4-Chlorotoluene	50.0	51.3		ug/L	103%	80 - 127	8043293	04/20/08 06:24
1,2-Dibromo-3-chloropropane	50.0	51.1		ug/L	102%	60 - 136	8043293	04/20/08 06:24
1,2-Dibromoethane (EDB)	50.0	59.2		ug/L	118%	80 - 125	8043293	04/20/08 06:24
Dibromomethane	50.0	53.9		ug/L	108%	80 - 124	8043293	04/20/08 06:24
1,4-Dichlorobenzene	50.0	52.0		ug/L	104%	80 - 120	8043293	04/20/08 06:24
1,3-Dichlorobenzene	50.0	53.0		ug/L	106%	80 - 123	8043293	04/20/08 06:24
1,2-Dichlorobenzene	50.0	53.4		ug/L	107%	80 - 122	8043293	04/20/08 06:24
Dichlorodifluoromethane	50.0	52.3		ug/L	105%	36 - 120	8043293	04/20/08 06:24
1,1-Dichloroethane	50.0	52.8		ug/L	106%	76 - 130	8043293	04/20/08 06:24
1,2-Dichloroethane	50.0	50.7		ug/L	101%	69 - 136	8043293	04/20/08 06:24
cis-1,2-Dichloroethene	50.0	51.7		ug/L	103%	80 - 129	8043293	04/20/08 06:24
1,1-Dichloroethene	50.0	51.9		ug/L	104%	80 - 127	8043293	04/20/08 06:24
trans-1,2-Dichloroethene	50.0	52.6		ug/L	105%	80 - 131	8043293	04/20/08 06:24
1,3-Dichloropropane	50.0	50.4		ug/L	101%	80 - 122	8043293	04/20/08 06:24
1,2-Dichloropropane	50.0	50.0		ug/L	100%	80 - 120	8043293	04/20/08 06:24
2,2-Dichloropropane	50.0	40.6		ug/L	81%	62 - 142	8043293	04/20/08 06:24
cis-1,3-Dichloropropene	50.0	43.3		ug/L	87%	76 - 135	8043293	04/20/08 06:24
trans-1,3-Dichloropropene	50.0	41.1		ug/L	82%	70 - 137	8043293	04/20/08 06:24
1,1-Dichloropropene	50.0	52.6		ug/L	105%	80 - 127	8043293	04/20/08 06:24
Ethylbenzene	50.0	54.9		ug/L	110%	80 - 128	8043293	04/20/08 06:24
Hexachlorobutadiene	50.0	54.1		ug/L	108%	68 - 148	8043293	04/20/08 06:24
2-Hexanone	250	263		ug/L	105%	69 - 148	8043293	04/20/08 06:24
Isopropylbenzene	50.0	49.4		ug/L	99%	80 - 121	8043293	04/20/08 06:24
p-Isopropyltoluene	50.0	54.3		ug/L	109%	79 - 127	8043293	04/20/08 06:24
Methyl tert-Butyl Ether	50.0	45.9		ug/L	92%	70 - 129	8043293	04/20/08 06:24
Methylene Chloride	50.0	57.3		ug/L	115%	76 - 135	8043293	04/20/08 06:24
4-Methyl-2-pentanone	250	232		ug/L	93%	67 - 143	8043293	04/20/08 06:24
Naphthalene	50.0	58.6		ug/L	117%	62 - 141	8043293	04/20/08 06:24
n-Propylbenzene	50.0	53.3		ug/L	107%	80 - 132	8043293	04/20/08 06:24

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
8043293-BS1								
Styrene	50.0	61.0		ug/L	122%	80 - 139	8043293	04/20/08 06:24
1,1,1,2-Tetrachloroethane	50.0	49.8		ug/L	100%	80 - 135	8043293	04/20/08 06:24
1,1,2,2-Tetrachloroethane	50.0	54.8		ug/L	110%	65 - 145	8043293	04/20/08 06:24
Tetrachloroethene	50.0	53.0		ug/L	106%	80 - 125	8043293	04/20/08 06:24
Toluene	50.0	50.4		ug/L	101%	80 - 125	8043293	04/20/08 06:24
1,2,3-Trichlorobenzene	50.0	55.5		ug/L	111%	57 - 144	8043293	04/20/08 06:24
1,2,4-Trichlorobenzene	50.0	55.0		ug/L	110%	60 - 140	8043293	04/20/08 06:24
1,1,2-Trichloroethane	50.0	53.3		ug/L	107%	80 - 122	8043293	04/20/08 06:24
1,1,1-Trichloroethane	50.0	52.0		ug/L	104%	80 - 131	8043293	04/20/08 06:24
Trichloroethene	50.0	57.5		ug/L	115%	80 - 131	8043293	04/20/08 06:24
Trichlorofluoromethane	50.0	46.8		ug/L	94%	68 - 125	8043293	04/20/08 06:24
1,2,3-Trichloropropane	50.0	51.6		ug/L	103%	60 - 127	8043293	04/20/08 06:24
1,3,5-Trimethylbenzene	50.0	54.6		ug/L	109%	80 - 129	8043293	04/20/08 06:24
1,2,4-Trimethylbenzene	50.0	55.6		ug/L	111%	80 - 128	8043293	04/20/08 06:24
Vinyl chloride	50.0	53.6		ug/L	107%	69 - 120	8043293	04/20/08 06:24
Xylenes, total	150	165		ug/L	110%	80 - 129	8043293	04/20/08 06:24
Surrogate: 1,2-Dichloroethane-d4	25.0	19.3			77%	60 - 140	8043293	04/20/08 06:24
Surrogate: Dibromofluoromethane	25.0	21.1			84%	75 - 124	8043293	04/20/08 06:24
Surrogate: Toluene-d8	25.0	20.2			81%	78 - 121	8043293	04/20/08 06:24
Surrogate: 4-Bromofluorobenzene	25.0	20.6			82%	79 - 124	8043293	04/20/08 06:24
8043717-BS1								
Acetone	250	305		ug/L	122%	62 - 150	8043717	04/21/08 17:05
Benzene	50.0	53.0		ug/L	106%	80 - 137	8043717	04/21/08 17:05
Bromobenzene	50.0	41.6		ug/L	83%	74 - 131	8043717	04/21/08 17:05
Bromochloromethane	50.0	57.5		ug/L	115%	80 - 128	8043717	04/21/08 17:05
Bromodichloromethane	50.0	57.5		ug/L	115%	80 - 129	8043717	04/21/08 17:05
Bromoform	50.0	50.9		ug/L	102%	69 - 127	8043717	04/21/08 17:05
Bromomethane	50.0	50.9		ug/L	102%	62 - 148	8043717	04/21/08 17:05
2-Butanone	250	282		ug/L	113%	77 - 141	8043717	04/21/08 17:05
sec-Butylbenzene	50.0	51.1		ug/L	102%	78 - 133	8043717	04/21/08 17:05
n-Butylbenzene	50.0	44.5		ug/L	89%	72 - 136	8043717	04/21/08 17:05
tert-Butylbenzene	50.0	44.3		ug/L	89%	77 - 135	8043717	04/21/08 17:05
Carbon disulfide	50.0	52.5		ug/L	105%	80 - 126	8043717	04/21/08 17:05
Carbon Tetrachloride	50.0	58.3		ug/L	117%	76 - 143	8043717	04/21/08 17:05
Chlorobenzene	50.0	52.3		ug/L	105%	80 - 120	8043717	04/21/08 17:05
Chlorodibromomethane	50.0	50.8		ug/L	102%	76 - 123	8043717	04/21/08 17:05
Chloroethane	50.0	47.2		ug/L	94%	77 - 127	8043717	04/21/08 17:05
Chloroform	50.0	55.2		ug/L	110%	80 - 133	8043717	04/21/08 17:05
Chloromethane	50.0	42.0		ug/L	84%	33 - 125	8043717	04/21/08 17:05
2-Chlorotoluene	50.0	43.3		ug/L	87%	80 - 127	8043717	04/21/08 17:05

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
8043717-BS1								
4-Chlorotoluene	50.0	47.2		ug/L	94%	80 - 127	8043717	04/21/08 17:05
1,2-Dibromo-3-chloropropane	50.0	41.4		ug/L	83%	60 - 136	8043717	04/21/08 17:05
1,2-Dibromoethane (EDB)	50.0	54.9		ug/L	110%	80 - 125	8043717	04/21/08 17:05
Dibromomethane	50.0	55.4		ug/L	111%	80 - 124	8043717	04/21/08 17:05
1,4-Dichlorobenzene	50.0	47.3		ug/L	95%	80 - 120	8043717	04/21/08 17:05
1,3-Dichlorobenzene	50.0	48.3		ug/L	97%	80 - 123	8043717	04/21/08 17:05
1,2-Dichlorobenzene	50.0	49.7		ug/L	99%	80 - 122	8043717	04/21/08 17:05
Dichlorodifluoromethane	50.0	41.9		ug/L	84%	36 - 120	8043717	04/21/08 17:05
1,1-Dichloroethane	50.0	52.9		ug/L	106%	76 - 130	8043717	04/21/08 17:05
1,2-Dichloroethane	50.0	55.3		ug/L	111%	69 - 136	8043717	04/21/08 17:05
cis-1,2-Dichloroethene	50.0	54.4		ug/L	109%	80 - 129	8043717	04/21/08 17:05
1,1-Dichloroethene	50.0	52.9		ug/L	106%	80 - 127	8043717	04/21/08 17:05
trans-1,2-Dichloroethene	50.0	54.0		ug/L	108%	80 - 131	8043717	04/21/08 17:05
1,3-Dichloropropane	50.0	51.1		ug/L	102%	80 - 122	8043717	04/21/08 17:05
1,2-Dichloropropane	50.0	49.7		ug/L	99%	80 - 120	8043717	04/21/08 17:05
2,2-Dichloropropane	50.0	49.9		ug/L	100%	62 - 142	8043717	04/21/08 17:05
cis-1,3-Dichloropropene	50.0	57.5		ug/L	115%	76 - 135	8043717	04/21/08 17:05
trans-1,3-Dichloropropene	50.0	55.9		ug/L	112%	70 - 137	8043717	04/21/08 17:05
1,1-Dichloropropene	50.0	52.8		ug/L	106%	80 - 127	8043717	04/21/08 17:05
Ethylbenzene	50.0	54.0		ug/L	108%	80 - 128	8043717	04/21/08 17:05
Hexachlorobutadiene	50.0	50.5		ug/L	101%	68 - 148	8043717	04/21/08 17:05
2-Hexanone	250	258		ug/L	103%	69 - 148	8043717	04/21/08 17:05
Isopropylbenzene	50.0	48.1		ug/L	96%	80 - 121	8043717	04/21/08 17:05
p-Isopropyltoluene	50.0	48.9		ug/L	98%	79 - 127	8043717	04/21/08 17:05
Methyl tert-Butyl Ether	50.0	50.0		ug/L	100%	70 - 129	8043717	04/21/08 17:05
Methylene Chloride	50.0	56.3		ug/L	113%	76 - 135	8043717	04/21/08 17:05
4-Methyl-2-pentanone	250	262		ug/L	105%	67 - 143	8043717	04/21/08 17:05
Naphthalene	50.0	48.9		ug/L	98%	62 - 141	8043717	04/21/08 17:05
n-Propylbenzene	50.0	50.2		ug/L	100%	80 - 132	8043717	04/21/08 17:05
Styrene	50.0	60.6		ug/L	121%	80 - 139	8043717	04/21/08 17:05
1,1,1,2-Tetrachloroethane	50.0	57.5		ug/L	115%	80 - 135	8043717	04/21/08 17:05
1,1,2,2-Tetrachloroethane	50.0	48.3		ug/L	97%	65 - 145	8043717	04/21/08 17:05
Tetrachloroethene	50.0	53.9		ug/L	108%	80 - 125	8043717	04/21/08 17:05
Toluene	50.0	53.6		ug/L	107%	80 - 125	8043717	04/21/08 17:05
1,2,3-Trichlorobenzene	50.0	49.1		ug/L	98%	57 - 144	8043717	04/21/08 17:05
1,2,4-Trichlorobenzene	50.0	50.5		ug/L	101%	60 - 140	8043717	04/21/08 17:05
1,1,2-Trichloroethane	50.0	51.2		ug/L	102%	80 - 122	8043717	04/21/08 17:05
1,1,1-Trichloroethane	50.0	53.3		ug/L	107%	80 - 131	8043717	04/21/08 17:05
Trichloroethene	50.0	53.8		ug/L	108%	80 - 131	8043717	04/21/08 17:05
Trichlorofluoromethane	50.0	46.5		ug/L	93%	68 - 125	8043717	04/21/08 17:05
1,2,3-Trichloropropane	50.0	38.0		ug/L	76%	60 - 127	8043717	04/21/08 17:05

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
8043717-BS1								
1,3,5-Trimethylbenzene	50.0	49.9		ug/L	100%	80 - 129	8043717	04/21/08 17:05
1,2,4-Trimethylbenzene	50.0	48.3		ug/L	97%	80 - 128	8043717	04/21/08 17:05
Vinyl chloride	50.0	46.8		ug/L	94%	69 - 120	8043717	04/21/08 17:05
Xylenes, total	150	167		ug/L	111%	80 - 129	8043717	04/21/08 17:05
Surrogate: 1,2-Dichloroethane-d4	25.0	24.7			99%	60 - 140	8043717	04/21/08 17:05
Surrogate: Dibromofluoromethane	25.0	25.5			102%	75 - 124	8043717	04/21/08 17:05
Surrogate: Toluene-d8	25.0	25.8			103%	78 - 121	8043717	04/21/08 17:05
Surrogate: 4-Bromofluorobenzene	25.0	21.0			84%	79 - 124	8043717	04/21/08 17:05
Extractable Petroleum Hydrocarbons								
8042949-BS1								
Diesel	1000	756	MNR1	ug/L	76%	49 - 117	8042949	04/21/08 23:32
Surrogate: o-Terphenyl	20.0	15.8			79%	18 - 150	8042949	04/21/08 23:32

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters												
8043585-BSD1												
Cyanide		0.0989		mg/L	0.100	99%	90 - 110	0.4	43	8043585		04/25/08 09:39
Volatile Organic Compounds by EPA Method 8260B												
8042804-BSD1												
Acetone		317		ug/L	250	127%	62 - 150	25	29	8042804		04/18/08 18:25
Benzene		52.1		ug/L	50.0	104%	80 - 137	0.5	23	8042804		04/18/08 18:25
Bromobenzene		49.6		ug/L	50.0	99%	74 - 131	0.9	18	8042804		04/18/08 18:25
Bromochloromethane		58.9		ug/L	50.0	118%	80 - 128	2	18	8042804		04/18/08 18:25
Bromodichloromethane		46.2		ug/L	50.0	92%	80 - 129	0.4	18	8042804		04/18/08 18:25
Bromoform		48.1		ug/L	50.0	96%	69 - 127	4	24	8042804		04/18/08 18:25
Bromomethane		40.0		ug/L	50.0	80%	62 - 148	5	45	8042804		04/18/08 18:25
2-Butanone		296		ug/L	250	119%	77 - 141	10	36	8042804		04/18/08 18:25
sec-Butylbenzene		53.2		ug/L	50.0	106%	78 - 133	0.7	17	8042804		04/18/08 18:25
n-Butylbenzene		53.0		ug/L	50.0	106%	72 - 136	2	18	8042804		04/18/08 18:25
tert-Butylbenzene		51.2		ug/L	50.0	102%	77 - 135	0.4	17	8042804		04/18/08 18:25
Carbon disulfide		56.8		ug/L	50.0	114%	80 - 126	2	16	8042804		04/18/08 18:25
Carbon Tetrachloride		53.9		ug/L	50.0	108%	76 - 143	3	29	8042804		04/18/08 18:25
Chlorobenzene		52.3		ug/L	50.0	105%	80 - 120	0.3	27	8042804		04/18/08 18:25
Chlorodibromomethane		46.5		ug/L	50.0	93%	76 - 123	5	21	8042804		04/18/08 18:25
Chloroethane		50.9		ug/L	50.0	102%	77 - 127	0.2	32	8042804		04/18/08 18:25
Chloroform		51.4		ug/L	50.0	103%	80 - 133	0.9	28	8042804		04/18/08 18:25
Chloromethane		61.0		ug/L	50.0	122%	33 - 125	7	21	8042804		04/18/08 18:25
2-Chlorotoluene		50.8		ug/L	50.0	102%	80 - 127	1	16	8042804		04/18/08 18:25
4-Chlorotoluene		51.0		ug/L	50.0	102%	80 - 127	0.3	17	8042804		04/18/08 18:25
1,2-Dibromo-3-chloropropane		58.9		ug/L	50.0	118%	60 - 136	9	29	8042804		04/18/08 18:25
1,2-Dibromoethane (EDB)		59.6		ug/L	50.0	119%	80 - 125	4	21	8042804		04/18/08 18:25
Dibromomethane		55.2		ug/L	50.0	110%	80 - 124	4	20	8042804		04/18/08 18:25
1,4-Dichlorobenzene		50.9		ug/L	50.0	102%	80 - 120	0.3	19	8042804		04/18/08 18:25
1,3-Dichlorobenzene		51.5		ug/L	50.0	103%	80 - 123	0.3	18	8042804		04/18/08 18:25
1,2-Dichlorobenzene		53.2		ug/L	50.0	106%	80 - 122	0.6	23	8042804		04/18/08 18:25
Dichlorodifluoromethane		46.8		ug/L	50.0	94%	36 - 120	1	14	8042804		04/18/08 18:25
1,1-Dichloroethane		50.7		ug/L	50.0	101%	76 - 130	1	15	8042804		04/18/08 18:25
1,2-Dichloroethane		51.8		ug/L	50.0	104%	69 - 136	2	26	8042804		04/18/08 18:25
cis-1,2-Dichloroethene		50.3		ug/L	50.0	101%	80 - 129	2	14	8042804		04/18/08 18:25
1,1-Dichloroethene		47.8		ug/L	50.0	96%	80 - 127	2	26	8042804		04/18/08 18:25
trans-1,2-Dichloroethene		51.0		ug/L	50.0	102%	80 - 131	0.9	14	8042804		04/18/08 18:25
1,3-Dichloropropane		51.0		ug/L	50.0	102%	80 - 122	4	21	8042804		04/18/08 18:25
1,2-Dichloropropane		47.6		ug/L	50.0	95%	80 - 120	0.1	16	8042804		04/18/08 18:25
2,2-Dichloropropane		43.9		ug/L	50.0	88%	62 - 142	3	14	8042804		04/18/08 18:25
cis-1,3-Dichloropropene		44.4		ug/L	50.0	89%	76 - 135	0.9	19	8042804		04/18/08 18:25
trans-1,3-Dichloropropene		43.6		ug/L	50.0	87%	70 - 137	6	20	8042804		04/18/08 18:25

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
8042804-BSD1												
1,1-Dichloropropene		49.3		ug/L	50.0	99%	80 - 127	2	14	8042804		04/18/08 18:25
Ethylbenzene		52.4		ug/L	50.0	105%	80 - 128	0.2	17	8042804		04/18/08 18:25
Hexachlorobutadiene		53.1		ug/L	50.0	106%	68 - 148	2	34	8042804		04/18/08 18:25
2-Hexanone		295		ug/L	250	118%	69 - 148	11	34	8042804		04/18/08 18:25
Isopropylbenzene		47.5		ug/L	50.0	95%	80 - 121	1	18	8042804		04/18/08 18:25
p-Isopropyltoluene		52.6		ug/L	50.0	105%	79 - 127	1	17	8042804		04/18/08 18:25
Methyl tert-Butyl Ether		49.0		ug/L	50.0	98%	70 - 129	5	32	8042804		04/18/08 18:25
Methylene Chloride		54.9		ug/L	50.0	110%	76 - 135	2	18	8042804		04/18/08 18:25
4-Methyl-2-pentanone		252		ug/L	250	101%	67 - 143	4	31	8042804		04/18/08 18:25
Naphthalene		63.2		ug/L	50.0	126%	62 - 141	5	39	8042804		04/18/08 18:25
n-Propylbenzene		51.4		ug/L	50.0	103%	80 - 132	1	17	8042804		04/18/08 18:25
Styrene		58.6		ug/L	50.0	117%	80 - 139	1	16	8042804		04/18/08 18:25
1,1,1,2-Tetrachloroethane		48.4		ug/L	50.0	97%	80 - 135	1	17	8042804		04/18/08 18:25
1,1,2,2-Tetrachloroethane		55.7		ug/L	50.0	111%	65 - 145	1	28	8042804		04/18/08 18:25
Tetrachloroethene		48.9		ug/L	50.0	98%	80 - 125	1	27	8042804		04/18/08 18:25
Toluene		48.1		ug/L	50.0	96%	80 - 125	0.6	19	8042804		04/18/08 18:25
1,2,3-Trichlorobenzene		57.4		ug/L	50.0	115%	57 - 144	3	31	8042804		04/18/08 18:25
1,2,4-Trichlorobenzene		55.9		ug/L	50.0	112%	60 - 140	0.9	26	8042804		04/18/08 18:25
1,1,2-Trichloroethane		52.0		ug/L	50.0	104%	80 - 122	8	21	8042804		04/18/08 18:25
1,1,1-Trichloroethane		50.3		ug/L	50.0	101%	80 - 131	2	16	8042804		04/18/08 18:25
Trichloroethene		54.5		ug/L	50.0	109%	80 - 131	2	28	8042804		04/18/08 18:25
Trichlorofluoromethane		46.0		ug/L	50.0	92%	68 - 125	0.5	20	8042804		04/18/08 18:25
1,2,3-Trichloropropane		54.6		ug/L	50.0	109%	60 - 127	4	26	8042804		04/18/08 18:25
1,3,5-Trimethylbenzene		53.6		ug/L	50.0	107%	80 - 129	0.9	16	8042804		04/18/08 18:25
1,2,4-Trimethylbenzene		54.6		ug/L	50.0	109%	80 - 128	0.4	22	8042804		04/18/08 18:25
Vinyl chloride		49.4		ug/L	50.0	99%	69 - 120	2	26	8042804		04/18/08 18:25
Xylenes, total		160		ug/L	150	107%	80 - 129	0.6	18	8042804		04/18/08 18:25
Surrogate: 1,2-Dichloroethane-d4		20.7		ug/L	25.0	83%	60 - 140			8042804		04/18/08 18:25
Surrogate: Dibromofluoromethane		21.3		ug/L	25.0	85%	75 - 124			8042804		04/18/08 18:25
Surrogate: Toluene-d8		20.3		ug/L	25.0	81%	78 - 121			8042804		04/18/08 18:25
Surrogate: 4-Bromofluorobenzene		21.2		ug/L	25.0	85%	79 - 124			8042804		04/18/08 18:25
8042893-BSD1												
Acetone		332		ug/L	250	133%	62 - 150	22	29	8042893		04/19/08 03:15
Benzene		50.5		ug/L	50.0	101%	80 - 137	5	23	8042893		04/19/08 03:15
Bromobenzene		47.8		ug/L	50.0	96%	74 - 131	3	18	8042893		04/19/08 03:15
Bromochloromethane		57.5		ug/L	50.0	115%	80 - 128	2	18	8042893		04/19/08 03:15
Bromodichloromethane		44.3		ug/L	50.0	89%	80 - 129	4	18	8042893		04/19/08 03:15
Bromoform		45.2		ug/L	50.0	90%	69 - 127	3	24	8042893		04/19/08 03:15
Bromomethane		43.0		ug/L	50.0	86%	62 - 148	9	45	8042893		04/19/08 03:15
2-Butanone		279		ug/L	250	111%	77 - 141	6	36	8042893		04/19/08 03:15

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
8042893-BSD1												
sec-Butylbenzene		51.4		ug/L	50.0	103%	78 - 133	3	17	8042893		04/19/08 03:15
n-Butylbenzene		50.3		ug/L	50.0	101%	72 - 136	2	18	8042893		04/19/08 03:15
tert-Butylbenzene		49.8		ug/L	50.0	100%	77 - 135	3	17	8042893		04/19/08 03:15
Carbon disulfide		53.5		ug/L	50.0	107%	80 - 126	4	16	8042893		04/19/08 03:15
Carbon Tetrachloride		52.6		ug/L	50.0	105%	76 - 143	8	29	8042893		04/19/08 03:15
Chlorobenzene		51.2		ug/L	50.0	102%	80 - 120	3	27	8042893		04/19/08 03:15
Chlorodibromomethane		44.6		ug/L	50.0	89%	76 - 123	4	21	8042893		04/19/08 03:15
Chloroethane		46.5		ug/L	50.0	93%	77 - 127	6	32	8042893		04/19/08 03:15
Chloroform		49.9		ug/L	50.0	100%	80 - 133	4	28	8042893		04/19/08 03:15
Chloromethane		56.7		ug/L	50.0	113%	33 - 125	13	21	8042893		04/19/08 03:15
2-Chlorotoluene		49.6		ug/L	50.0	99%	80 - 127	3	16	8042893		04/19/08 03:15
4-Chlorotoluene		48.9		ug/L	50.0	98%	80 - 127	3	17	8042893		04/19/08 03:15
1,2-Dibromo-3-chloropropane		53.6		ug/L	50.0	107%	60 - 136	0.6	29	8042893		04/19/08 03:15
1,2-Dibromoethane (EDB)		55.4		ug/L	50.0	111%	80 - 125	4	21	8042893		04/19/08 03:15
Dibromomethane		52.0		ug/L	50.0	104%	80 - 124	2	20	8042893		04/19/08 03:15
1,4-Dichlorobenzene		50.3		ug/L	50.0	101%	80 - 120	1	19	8042893		04/19/08 03:15
1,3-Dichlorobenzene		50.2		ug/L	50.0	100%	80 - 123	2	18	8042893		04/19/08 03:15
1,2-Dichlorobenzene		51.9		ug/L	50.0	104%	80 - 122	1	23	8042893		04/19/08 03:15
Dichlorodifluoromethane		42.8		ug/L	50.0	86%	36 - 120	4	14	8042893		04/19/08 03:15
1,1-Dichloroethane		49.1		ug/L	50.0	98%	76 - 130	4	15	8042893		04/19/08 03:15
1,2-Dichloroethane		48.9		ug/L	50.0	98%	69 - 136	3	26	8042893		04/19/08 03:15
cis-1,2-Dichloroethene		48.0		ug/L	50.0	96%	80 - 129	5	14	8042893		04/19/08 03:15
1,1-Dichloroethene		46.9		ug/L	50.0	94%	80 - 127	5	26	8042893		04/19/08 03:15
trans-1,2-Dichloroethene		48.7		ug/L	50.0	97%	80 - 131	5	14	8042893		04/19/08 03:15
1,3-Dichloropropane		48.2		ug/L	50.0	96%	80 - 122	4	21	8042893		04/19/08 03:15
1,2-Dichloropropane		46.4		ug/L	50.0	93%	80 - 120	4	16	8042893		04/19/08 03:15
2,2-Dichloropropane		35.2		ug/L	50.0	70%	62 - 142	8	14	8042893		04/19/08 03:15
cis-1,3-Dichloropropene		39.7		ug/L	50.0	79%	76 - 135	8	19	8042893		04/19/08 03:15
trans-1,3-Dichloropropene		39.4		ug/L	50.0	79%	70 - 137	9	20	8042893		04/19/08 03:15
1,1-Dichloropropene		47.4		ug/L	50.0	95%	80 - 127	6	14	8042893		04/19/08 03:15
Ethylbenzene		50.6		ug/L	50.0	101%	80 - 128	4	17	8042893		04/19/08 03:15
Hexachlorobutadiene		50.6		ug/L	50.0	101%	68 - 148	2	34	8042893		04/19/08 03:15
2-Hexanone		271		ug/L	250	108%	69 - 148	3	34	8042893		04/19/08 03:15
Isopropylbenzene		45.5		ug/L	50.0	91%	80 - 121	3	18	8042893		04/19/08 03:15
p-Isopropyltoluene		50.7		ug/L	50.0	101%	79 - 127	3	17	8042893		04/19/08 03:15
Methyl tert-Butyl Ether		45.2		ug/L	50.0	90%	70 - 129	2	32	8042893		04/19/08 03:15
Methylene Chloride		53.3		ug/L	50.0	107%	76 - 135	4	18	8042893		04/19/08 03:15
4-Methyl-2-pentanone		236		ug/L	250	94%	67 - 143	4	31	8042893		04/19/08 03:15
Naphthalene		59.1		ug/L	50.0	118%	62 - 141	0.4	39	8042893		04/19/08 03:15
n-Propylbenzene		49.8		ug/L	50.0	100%	80 - 132	4	17	8042893		04/19/08 03:15
Styrene		56.8		ug/L	50.0	114%	80 - 139	3	16	8042893		04/19/08 03:15

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
8042893-BSD1												
1,1,1,2-Tetrachloroethane		46.9		ug/L	50.0	94%	80 - 135	4	17	8042893		04/19/08 03:15
1,1,2,2-Tetrachloroethane		47.3		ug/L	50.0	95%	65 - 145	14	28	8042893		04/19/08 03:15
Tetrachloroethene		47.8		ug/L	50.0	96%	80 - 125	4	27	8042893		04/19/08 03:15
Toluene		48.7		ug/L	50.0	97%	80 - 125	5	19	8042893		04/19/08 03:15
1,2,3-Trichlorobenzene		54.7		ug/L	50.0	109%	57 - 144	0.2	31	8042893		04/19/08 03:15
1,2,4-Trichlorobenzene		53.3		ug/L	50.0	107%	60 - 140	0.04	26	8042893		04/19/08 03:15
1,1,2-Trichloroethane		50.2		ug/L	50.0	100%	80 - 122	2	21	8042893		04/19/08 03:15
1,1,1-Trichloroethane		47.3		ug/L	50.0	95%	80 - 131	7	16	8042893		04/19/08 03:15
Trichloroethene		57.6		ug/L	50.0	115%	80 - 131	6	28	8042893		04/19/08 03:15
Trichlorofluoromethane		43.0		ug/L	50.0	86%	68 - 125	5	20	8042893		04/19/08 03:15
1,2,3-Trichloropropane		51.1		ug/L	50.0	102%	60 - 127	1	26	8042893		04/19/08 03:15
1,3,5-Trimethylbenzene		52.1		ug/L	50.0	104%	80 - 129	3	16	8042893		04/19/08 03:15
1,2,4-Trimethylbenzene		53.3		ug/L	50.0	107%	80 - 128	3	22	8042893		04/19/08 03:15
Vinyl chloride		47.8		ug/L	50.0	96%	69 - 120	6	26	8042893		04/19/08 03:15
Xylenes, total		154		ug/L	150	103%	80 - 129	3	18	8042893		04/19/08 03:15
Surrogate: 1,2-Dichloroethane-d4		19.9		ug/L	25.0	80%	60 - 140			8042893		04/19/08 03:15
Surrogate: Dibromofluoromethane		21.3		ug/L	25.0	85%	75 - 124			8042893		04/19/08 03:15
Surrogate: Toluene-d8		20.9		ug/L	25.0	83%	78 - 121			8042893		04/19/08 03:15
Surrogate: 4-Bromofluorobenzene		21.0		ug/L	25.0	84%	79 - 124			8042893		04/19/08 03:15
8043293-BSD1												
Acetone		269		ug/L	250	107%	62 - 150	3	29	8043293		04/20/08 06:49
Benzene		55.2		ug/L	50.0	110%	80 - 137	0.6	23	8043293		04/20/08 06:49
Bromobenzene		50.2		ug/L	50.0	100%	74 - 131	1	18	8043293		04/20/08 06:49
Bromochloromethane		61.1		ug/L	50.0	122%	80 - 128	2	18	8043293		04/20/08 06:49
Bromodichloromethane		47.1		ug/L	50.0	94%	80 - 129	1	18	8043293		04/20/08 06:49
Bromoform		47.7		ug/L	50.0	95%	69 - 127	3	24	8043293		04/20/08 06:49
Bromomethane		55.5		ug/L	50.0	111%	62 - 148	0.3	45	8043293		04/20/08 06:49
2-Butanone		273		ug/L	250	109%	77 - 141	4	36	8043293		04/20/08 06:49
sec-Butylbenzene		55.4		ug/L	50.0	111%	78 - 133	0.2	17	8043293		04/20/08 06:49
n-Butylbenzene		53.8		ug/L	50.0	108%	72 - 136	0.1	18	8043293		04/20/08 06:49
tert-Butylbenzene		54.8		ug/L	50.0	110%	77 - 135	9	17	8043293		04/20/08 06:49
Carbon disulfide		57.3		ug/L	50.0	115%	80 - 126	1	16	8043293		04/20/08 06:49
Carbon Tetrachloride		59.0		ug/L	50.0	118%	76 - 143	0.9	29	8043293		04/20/08 06:49
Chlorobenzene		55.4		ug/L	50.0	111%	80 - 120	0.3	27	8043293		04/20/08 06:49
Chlorodibromomethane		47.4		ug/L	50.0	95%	76 - 123	3	21	8043293		04/20/08 06:49
Chloroethane		49.0		ug/L	50.0	98%	77 - 127	1	32	8043293		04/20/08 06:49
Chloroform		53.4		ug/L	50.0	107%	80 - 133	0.7	28	8043293		04/20/08 06:49
Chloromethane		67.5	L	ug/L	50.0	135%	33 - 125	2	21	8043293		04/20/08 06:49
2-Chlorotoluene		52.4		ug/L	50.0	105%	80 - 127	0.4	16	8043293		04/20/08 06:49
4-Chlorotoluene		51.5		ug/L	50.0	103%	80 - 127	0.3	17	8043293		04/20/08 06:49

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
8043293-BSD1												
1,2-Dibromo-3-chloropropane		52.9		ug/L	50.0	106%	60 - 136	4	29	8043293		04/20/08 06:49
1,2-Dibromoethane (EDB)		59.8		ug/L	50.0	120%	80 - 125	1	21	8043293		04/20/08 06:49
Dibromomethane		54.8		ug/L	50.0	110%	80 - 124	2	20	8043293		04/20/08 06:49
1,4-Dichlorobenzene		52.7		ug/L	50.0	105%	80 - 120	1	19	8043293		04/20/08 06:49
1,3-Dichlorobenzene		53.2		ug/L	50.0	106%	80 - 123	0.5	18	8043293		04/20/08 06:49
1,2-Dichlorobenzene		54.5		ug/L	50.0	109%	80 - 122	2	23	8043293		04/20/08 06:49
Dichlorodifluoromethane		51.1		ug/L	50.0	102%	36 - 120	2	14	8043293		04/20/08 06:49
1,1-Dichloroethane		52.7		ug/L	50.0	105%	76 - 130	0.1	15	8043293		04/20/08 06:49
1,2-Dichloroethane		50.5		ug/L	50.0	101%	69 - 136	0.4	26	8043293		04/20/08 06:49
cis-1,2-Dichloroethene		51.7		ug/L	50.0	103%	80 - 129	0.06	14	8043293		04/20/08 06:49
1,1-Dichloroethene		51.1		ug/L	50.0	102%	80 - 127	2	26	8043293		04/20/08 06:49
trans-1,2-Dichloroethene		53.1		ug/L	50.0	106%	80 - 131	0.8	14	8043293		04/20/08 06:49
1,3-Dichloropropane		51.4		ug/L	50.0	103%	80 - 122	2	21	8043293		04/20/08 06:49
1,2-Dichloropropane		50.2		ug/L	50.0	100%	80 - 120	0.5	16	8043293		04/20/08 06:49
2,2-Dichloropropane		40.7		ug/L	50.0	81%	62 - 142	0.2	14	8043293		04/20/08 06:49
cis-1,3-Dichloropropene		43.5		ug/L	50.0	87%	76 - 135	0.5	19	8043293		04/20/08 06:49
trans-1,3-Dichloropropene		41.4		ug/L	50.0	83%	70 - 137	0.8	20	8043293		04/20/08 06:49
1,1-Dichloropropene		52.7		ug/L	50.0	105%	80 - 127	0.3	14	8043293		04/20/08 06:49
Ethylbenzene		54.8		ug/L	50.0	110%	80 - 128	0.09	17	8043293		04/20/08 06:49
Hexachlorobutadiene		54.3		ug/L	50.0	109%	68 - 148	0.4	34	8043293		04/20/08 06:49
2-Hexanone		267		ug/L	250	107%	69 - 148	1	34	8043293		04/20/08 06:49
Isopropylbenzene		49.7		ug/L	50.0	99%	80 - 121	0.6	18	8043293		04/20/08 06:49
p-Isopropyltoluene		54.2		ug/L	50.0	108%	79 - 127	0.2	17	8043293		04/20/08 06:49
Methyl tert-Butyl Ether		47.1		ug/L	50.0	94%	70 - 129	3	32	8043293		04/20/08 06:49
Methylene Chloride		57.9		ug/L	50.0	116%	76 - 135	1	18	8043293		04/20/08 06:49
4-Methyl-2-pentanone		238		ug/L	250	95%	67 - 143	2	31	8043293		04/20/08 06:49
Naphthalene		60.5		ug/L	50.0	121%	62 - 141	3	39	8043293		04/20/08 06:49
n-Propylbenzene		53.0		ug/L	50.0	106%	80 - 132	0.6	17	8043293		04/20/08 06:49
Styrene		61.6		ug/L	50.0	123%	80 - 139	1	16	8043293		04/20/08 06:49
1,1,1,2-Tetrachloroethane		50.4		ug/L	50.0	101%	80 - 135	1	17	8043293		04/20/08 06:49
1,1,2,2-Tetrachloroethane		55.7		ug/L	50.0	111%	65 - 145	2	28	8043293		04/20/08 06:49
Tetrachloroethene		52.8		ug/L	50.0	106%	80 - 125	0.4	27	8043293		04/20/08 06:49
Toluene		50.7		ug/L	50.0	101%	80 - 125	0.5	19	8043293		04/20/08 06:49
1,2,3-Trichlorobenzene		56.7		ug/L	50.0	113%	57 - 144	2	31	8043293		04/20/08 06:49
1,2,4-Trichlorobenzene		55.3		ug/L	50.0	111%	60 - 140	0.6	26	8043293		04/20/08 06:49
1,1,2-Trichloroethane		54.2		ug/L	50.0	108%	80 - 122	2	21	8043293		04/20/08 06:49
1,1,1-Trichloroethane		52.2		ug/L	50.0	104%	80 - 131	0.4	16	8043293		04/20/08 06:49
Trichloroethene		57.2		ug/L	50.0	114%	80 - 131	0.5	28	8043293		04/20/08 06:49
Trichlorofluoromethane		46.1		ug/L	50.0	92%	68 - 125	2	20	8043293		04/20/08 06:49
1,2,3-Trichloropropane		52.8		ug/L	50.0	106%	60 - 127	2	26	8043293		04/20/08 06:49
1,3,5-Trimethylbenzene		55.0		ug/L	50.0	110%	80 - 129	0.8	16	8043293		04/20/08 06:49

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
8043293-BSD1												
1,2,4-Trimethylbenzene		56.0		ug/L	50.0	112%	80 - 128	0.6	22	8043293		04/20/08 06:49
Vinyl chloride		52.8		ug/L	50.0	106%	69 - 120	2	26	8043293		04/20/08 06:49
Xylenes, total		165		ug/L	150	110%	80 - 129	0.2	18	8043293		04/20/08 06:49
Surrogate: 1,2-Dichloroethane-d4		19.2		ug/L	25.0	77%	60 - 140			8043293		04/20/08 06:49
Surrogate: Dibromofluoromethane		21.3		ug/L	25.0	85%	75 - 124			8043293		04/20/08 06:49
Surrogate: Toluene-d8		20.2		ug/L	25.0	81%	78 - 121			8043293		04/20/08 06:49
Surrogate: 4-Bromofluorobenzene		20.4		ug/L	25.0	81%	79 - 124			8043293		04/20/08 06:49
8043717-BSD1												
Acetone		285		ug/L	250	114%	62 - 150	7	29	8043717		04/21/08 17:29
Benzene		52.7		ug/L	50.0	105%	80 - 137	0.5	23	8043717		04/21/08 17:29
Bromobenzene		40.6		ug/L	50.0	81%	74 - 131	2	18	8043717		04/21/08 17:29
Bromochloromethane		56.9		ug/L	50.0	114%	80 - 128	1	18	8043717		04/21/08 17:29
Bromodichloromethane		56.9		ug/L	50.0	114%	80 - 129	1	18	8043717		04/21/08 17:29
Bromoform		50.7		ug/L	50.0	101%	69 - 127	0.4	24	8043717		04/21/08 17:29
Bromomethane		50.7		ug/L	50.0	101%	62 - 148	0.4	45	8043717		04/21/08 17:29
2-Butanone		270		ug/L	250	108%	77 - 141	4	36	8043717		04/21/08 17:29
sec-Butylbenzene		51.1		ug/L	50.0	102%	78 - 133	0.06	17	8043717		04/21/08 17:29
n-Butylbenzene		44.3		ug/L	50.0	89%	72 - 136	0.4	18	8043717		04/21/08 17:29
tert-Butylbenzene		44.2		ug/L	50.0	88%	77 - 135	0.2	17	8043717		04/21/08 17:29
Carbon disulfide		52.5		ug/L	50.0	105%	80 - 126	0.06	16	8043717		04/21/08 17:29
Carbon Tetrachloride		58.6		ug/L	50.0	117%	76 - 143	0.5	29	8043717		04/21/08 17:29
Chlorobenzene		51.5		ug/L	50.0	103%	80 - 120	1	27	8043717		04/21/08 17:29
Chlorodibromomethane		49.8		ug/L	50.0	100%	76 - 123	2	21	8043717		04/21/08 17:29
Chloroethane		47.2		ug/L	50.0	94%	77 - 127	0.1	32	8043717		04/21/08 17:29
Chloroform		54.5		ug/L	50.0	109%	80 - 133	1	28	8043717		04/21/08 17:29
Chloromethane		42.6		ug/L	50.0	85%	33 - 125	1	21	8043717		04/21/08 17:29
2-Chlorotoluene		42.5		ug/L	50.0	85%	80 - 127	2	16	8043717		04/21/08 17:29
4-Chlorotoluene		46.6		ug/L	50.0	93%	80 - 127	1	17	8043717		04/21/08 17:29
1,2-Dibromo-3-chloropropane		40.8		ug/L	50.0	82%	60 - 136	1	29	8043717		04/21/08 17:29
1,2-Dibromoethane (EDB)		53.6		ug/L	50.0	107%	80 - 125	2	21	8043717		04/21/08 17:29
Dibromomethane		54.6		ug/L	50.0	109%	80 - 124	1	20	8043717		04/21/08 17:29
1,4-Dichlorobenzene		47.0		ug/L	50.0	94%	80 - 120	0.7	19	8043717		04/21/08 17:29
1,3-Dichlorobenzene		47.6		ug/L	50.0	95%	80 - 123	1	18	8043717		04/21/08 17:29
1,2-Dichlorobenzene		49.2		ug/L	50.0	98%	80 - 122	0.8	23	8043717		04/21/08 17:29
Dichlorodifluoromethane		42.1		ug/L	50.0	84%	36 - 120	0.6	14	8043717		04/21/08 17:29
1,1-Dichloroethane		52.7		ug/L	50.0	105%	76 - 130	0.2	15	8043717		04/21/08 17:29
1,2-Dichloroethane		54.2		ug/L	50.0	108%	69 - 136	2	26	8043717		04/21/08 17:29
cis-1,2-Dichloroethene		54.1		ug/L	50.0	108%	80 - 129	0.4	14	8043717		04/21/08 17:29
1,1-Dichloroethene		53.1		ug/L	50.0	106%	80 - 127	0.3	26	8043717		04/21/08 17:29
trans-1,2-Dichloroethene		53.3		ug/L	50.0	107%	80 - 131	1	14	8043717		04/21/08 17:29

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
8043717-BSD1												
1,3-Dichloropropane		50.0		ug/L	50.0	100%	80 - 122	2	21	8043717		04/21/08 17:29
1,2-Dichloropropane		49.2		ug/L	50.0	98%	80 - 120	1	16	8043717		04/21/08 17:29
2,2-Dichloropropane		49.4		ug/L	50.0	99%	62 - 142	0.9	14	8043717		04/21/08 17:29
cis-1,3-Dichloropropene		55.9		ug/L	50.0	112%	76 - 135	3	19	8043717		04/21/08 17:29
trans-1,3-Dichloropropene		54.8		ug/L	50.0	110%	70 - 137	2	20	8043717		04/21/08 17:29
1,1-Dichloropropene		52.8		ug/L	50.0	106%	80 - 127	0.1	14	8043717		04/21/08 17:29
Ethylbenzene		53.6		ug/L	50.0	107%	80 - 128	0.6	17	8043717		04/21/08 17:29
Hexachlorobutadiene		52.6		ug/L	50.0	105%	68 - 148	4	34	8043717		04/21/08 17:29
2-Hexanone		247		ug/L	250	99%	69 - 148	4	34	8043717		04/21/08 17:29
Isopropylbenzene		47.5		ug/L	50.0	95%	80 - 121	1	18	8043717		04/21/08 17:29
p-Isopropyltoluene		49.2		ug/L	50.0	98%	79 - 127	0.6	17	8043717		04/21/08 17:29
Methyl tert-Butyl Ether		49.5		ug/L	50.0	99%	70 - 129	1	32	8043717		04/21/08 17:29
Methylene Chloride		56.2		ug/L	50.0	112%	76 - 135	0.3	18	8043717		04/21/08 17:29
4-Methyl-2-pentanone		253		ug/L	250	101%	67 - 143	3	31	8043717		04/21/08 17:29
Naphthalene		48.6		ug/L	50.0	97%	62 - 141	0.8	39	8043717		04/21/08 17:29
n-Propylbenzene		49.5		ug/L	50.0	99%	80 - 132	1	17	8043717		04/21/08 17:29
Styrene		58.8		ug/L	50.0	118%	80 - 139	3	16	8043717		04/21/08 17:29
1,1,1,2-Tetrachloroethane		56.7		ug/L	50.0	113%	80 - 135	2	17	8043717		04/21/08 17:29
1,1,2,2-Tetrachloroethane		47.8		ug/L	50.0	96%	65 - 145	1	28	8043717		04/21/08 17:29
Tetrachloroethene		53.0		ug/L	50.0	106%	80 - 125	2	27	8043717		04/21/08 17:29
Toluene		52.6		ug/L	50.0	105%	80 - 125	2	19	8043717		04/21/08 17:29
1,2,3-Trichlorobenzene		48.4		ug/L	50.0	97%	57 - 144	1	31	8043717		04/21/08 17:29
1,2,4-Trichlorobenzene		50.3		ug/L	50.0	101%	60 - 140	0.4	26	8043717		04/21/08 17:29
1,1,2-Trichloroethane		50.4		ug/L	50.0	101%	80 - 122	2	21	8043717		04/21/08 17:29
1,1,1-Trichloroethane		53.1		ug/L	50.0	106%	80 - 131	0.4	16	8043717		04/21/08 17:29
Trichloroethene		53.3		ug/L	50.0	107%	80 - 131	1	28	8043717		04/21/08 17:29
Trichlorofluoromethane		46.4		ug/L	50.0	93%	68 - 125	0.2	20	8043717		04/21/08 17:29
1,2,3-Trichloropropane		37.5		ug/L	50.0	75%	60 - 127	1	26	8043717		04/21/08 17:29
1,3,5-Trimethylbenzene		49.3		ug/L	50.0	99%	80 - 129	1	16	8043717		04/21/08 17:29
1,2,4-Trimethylbenzene		47.9		ug/L	50.0	96%	80 - 128	0.8	22	8043717		04/21/08 17:29
Vinyl chloride		47.5		ug/L	50.0	95%	69 - 120	1	26	8043717		04/21/08 17:29
Xylenes, total		166		ug/L	150	110%	80 - 129	0.9	18	8043717		04/21/08 17:29
Surrogate: 1,2-Dichloroethane-d4		24.0		ug/L	25.0	96%	60 - 140			8043717		04/21/08 17:29
Surrogate: Dibromofluoromethane		25.6		ug/L	25.0	103%	75 - 124			8043717		04/21/08 17:29
Surrogate: Toluene-d8		25.4		ug/L	25.0	101%	78 - 121			8043717		04/21/08 17:29
Surrogate: 4-Bromofluorobenzene		21.0		ug/L	25.0	84%	79 - 124			8043717		04/21/08 17:29

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
General Chemistry Parameters										
8043585-MS1										
Cyanide	ND	0.142	M1	mg/L	0.100	142%	68 - 134	8043585	NRD1779-01	04/25/08 09:39
Cyanide, Weak Acid Dissociable	ND	0.133	M1	mg/L	0.100	133%	72 - 121	8043585	NRD1779-01	04/25/08 09:39
Volatile Organic Compounds by EPA Method 8260B										
8042893-MS1										
Acetone	ND	254		ug/L	250	102%	55 - 148	8042893	NRD1638-01	04/19/08 12:05
Benzene	0.840	54.0		ug/L	50.0	106%	68 - 143	8042893	NRD1638-01	04/19/08 12:05
Bromobenzene	ND	48.6		ug/L	50.0	97%	65 - 140	8042893	NRD1638-01	04/19/08 12:05
Bromochloromethane	ND	58.4		ug/L	50.0	117%	80 - 137	8042893	NRD1638-01	04/19/08 12:05
Bromodichloromethane	ND	45.4		ug/L	50.0	91%	80 - 132	8042893	NRD1638-01	04/19/08 12:05
Bromoform	ND	41.9		ug/L	50.0	84%	67 - 123	8042893	NRD1638-01	04/19/08 12:05
Bromomethane	ND	63.7		ug/L	50.0	127%	39 - 166	8042893	NRD1638-01	04/19/08 12:05
2-Butanone	ND	257		ug/L	250	103%	50 - 154	8042893	NRD1638-01	04/19/08 12:05
sec-Butylbenzene	ND	54.8		ug/L	50.0	110%	73 - 142	8042893	NRD1638-01	04/19/08 12:05
n-Butylbenzene	ND	55.4		ug/L	50.0	111%	64 - 147	8042893	NRD1638-01	04/19/08 12:05
tert-Butylbenzene	ND	52.1		ug/L	50.0	104%	70 - 148	8042893	NRD1638-01	04/19/08 12:05
Carbon disulfide	ND	59.5		ug/L	50.0	119%	79 - 147	8042893	NRD1638-01	04/19/08 12:05
Carbon Tetrachloride	ND	57.9		ug/L	50.0	116%	62 - 165	8042893	NRD1638-01	04/19/08 12:05
Chlorobenzene	ND	52.3		ug/L	50.0	105%	67 - 140	8042893	NRD1638-01	04/19/08 12:05
Chlorodibromomethane	ND	42.7		ug/L	50.0	85%	72 - 123	8042893	NRD1638-01	04/19/08 12:05
Chloroethane	ND	55.2		ug/L	50.0	110%	74 - 151	8042893	NRD1638-01	04/19/08 12:05
Chloroform	ND	51.1		ug/L	50.0	102%	59 - 152	8042893	NRD1638-01	04/19/08 12:05
Chloromethane	ND	75.9	M7	ug/L	50.0	152%	33 - 138	8042893	NRD1638-01	04/19/08 12:05
2-Chlorotoluene	ND	49.7		ug/L	50.0	99%	76 - 134	8042893	NRD1638-01	04/19/08 12:05
4-Chlorotoluene	ND	50.1		ug/L	50.0	100%	80 - 133	8042893	NRD1638-01	04/19/08 12:05
1,2-Dibromo-3-chloropropane	ND	55.2		ug/L	50.0	110%	60 - 136	8042893	NRD1638-01	04/19/08 12:05
1,2-Dibromoethane (EDB)	ND	53.9		ug/L	50.0	108%	80 - 132	8042893	NRD1638-01	04/19/08 12:05
Dibromomethane	ND	52.8		ug/L	50.0	106%	79 - 131	8042893	NRD1638-01	04/19/08 12:05
1,4-Dichlorobenzene	ND	51.8		ug/L	50.0	104%	80 - 126	8042893	NRD1638-01	04/19/08 12:05
1,3-Dichlorobenzene	ND	51.6		ug/L	50.0	103%	75 - 132	8042893	NRD1638-01	04/19/08 12:05
1,2-Dichlorobenzene	ND	52.6		ug/L	50.0	105%	80 - 130	8042893	NRD1638-01	04/19/08 12:05
Dichlorodifluoromethane	ND	56.1		ug/L	50.0	112%	36 - 146	8042893	NRD1638-01	04/19/08 12:05
1,1-Dichloroethane	0.390	51.9		ug/L	50.0	103%	76 - 131	8042893	NRD1638-01	04/19/08 12:05
1,2-Dichloroethane	ND	49.3		ug/L	50.0	99%	53 - 146	8042893	NRD1638-01	04/19/08 12:05
cis-1,2-Dichloroethene	0.840	53.1		ug/L	50.0	105%	76 - 141	8042893	NRD1638-01	04/19/08 12:05
1,1-Dichloroethene	ND	53.5		ug/L	50.0	107%	63 - 157	8042893	NRD1638-01	04/19/08 12:05
trans-1,2-Dichloroethene	0.380	53.0		ug/L	50.0	105%	78 - 137	8042893	NRD1638-01	04/19/08 12:05

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
8042893-MS1										
1,3-Dichloropropane	ND	47.6		ug/L	50.0	95%	76 - 130	8042893	NRD1638-01	04/19/08 12:05
1,2-Dichloropropane	ND	50.9		ug/L	50.0	102%	77 - 128	8042893	NRD1638-01	04/19/08 12:05
2,2-Dichloropropane	ND	50.3		ug/L	50.0	101%	62 - 145	8042893	NRD1638-01	04/19/08 12:05
cis-1,3-Dichloropropene	ND	40.6		ug/L	50.0	81%	71 - 140	8042893	NRD1638-01	04/19/08 12:05
trans-1,3-Dichloropropene	ND	39.2		ug/L	50.0	78%	65 - 137	8042893	NRD1638-01	04/19/08 12:05
1,1-Dichloropropene	ND	53.7		ug/L	50.0	107%	80 - 136	8042893	NRD1638-01	04/19/08 12:05
Ethylbenzene	ND	52.0		ug/L	50.0	104%	80 - 135	8042893	NRD1638-01	04/19/08 12:05
Hexachlorobutadiene	ND	52.1		ug/L	50.0	104%	48 - 155	8042893	NRD1638-01	04/19/08 12:05
2-Hexanone	ND	274		ug/L	250	109%	58 - 154	8042893	NRD1638-01	04/19/08 12:05
Isopropylbenzene	ND	54.1		ug/L	50.0	108%	80 - 135	8042893	NRD1638-01	04/19/08 12:05
p-Isopropyltoluene	ND	55.5		ug/L	50.0	111%	74 - 139	8042893	NRD1638-01	04/19/08 12:05
Methyl tert-Butyl Ether	ND	48.7		ug/L	50.0	97%	60 - 144	8042893	NRD1638-01	04/19/08 12:05
Methylene Chloride	ND	53.2		ug/L	50.0	106%	64 - 140	8042893	NRD1638-01	04/19/08 12:05
4-Methyl-2-pentanone	ND	242		ug/L	250	97%	55 - 153	8042893	NRD1638-01	04/19/08 12:05
Naphthalene	ND	79.7	M7	ug/L	50.0	159%	50 - 154	8042893	NRD1638-01	04/19/08 12:05
n-Propylbenzene	ND	52.9		ug/L	50.0	106%	78 - 141	8042893	NRD1638-01	04/19/08 12:05
Styrene	ND	55.5		ug/L	50.0	111%	80 - 139	8042893	NRD1638-01	04/19/08 12:05
1,1,1,2-Tetrachloroethane	ND	45.2		ug/L	50.0	90%	75 - 140	8042893	NRD1638-01	04/19/08 12:05
1,1,2,2-Tetrachloroethane	ND	58.0		ug/L	50.0	116%	55 - 152	8042893	NRD1638-01	04/19/08 12:05
Tetrachloroethene	ND	50.8		ug/L	50.0	102%	67 - 150	8042893	NRD1638-01	04/19/08 12:05
Toluene	ND	47.9		ug/L	50.0	96%	75 - 139	8042893	NRD1638-01	04/19/08 12:05
1,2,3-Trichlorobenzene	ND	64.1		ug/L	50.0	128%	49 - 144	8042893	NRD1638-01	04/19/08 12:05
1,2,4-Trichlorobenzene	ND	58.2		ug/L	50.0	116%	55 - 135	8042893	NRD1638-01	04/19/08 12:05
1,1,2-Trichloroethane	ND	49.5		ug/L	50.0	99%	77 - 128	8042893	NRD1638-01	04/19/08 12:05
1,1,1-Trichloroethane	ND	52.2		ug/L	50.0	104%	80 - 136	8042893	NRD1638-01	04/19/08 12:05
Trichloroethene	1.03	59.4		ug/L	50.0	117%	57 - 158	8042893	NRD1638-01	04/19/08 12:05
Trichlorofluoromethane	ND	53.9		ug/L	50.0	108%	68 - 145	8042893	NRD1638-01	04/19/08 12:05
1,2,3-Trichloropropane	ND	56.4		ug/L	50.0	113%	55 - 137	8042893	NRD1638-01	04/19/08 12:05
1,3,5-Trimethylbenzene	ND	52.9		ug/L	50.0	106%	78 - 136	8042893	NRD1638-01	04/19/08 12:05
1,2,4-Trimethylbenzene	ND	53.6		ug/L	50.0	107%	70 - 143	8042893	NRD1638-01	04/19/08 12:05
Vinyl chloride	0.520	57.4		ug/L	50.0	114%	49 - 156	8042893	NRD1638-01	04/19/08 12:05
Xylenes, total	ND	157		ug/L	150	104%	80 - 136	8042893	NRD1638-01	04/19/08 12:05
Surrogate: 1,2-Dichloroethane-d4		20.4		ug/L	25.0	82%	60 - 140	8042893	NRD1638-01	04/19/08 12:05
Surrogate: Dibromofluoromethane		21.5		ug/L	25.0	86%	75 - 124	8042893	NRD1638-01	04/19/08 12:05
Surrogate: Toluene-d8		19.8		ug/L	25.0	79%	78 - 121	8042893	NRD1638-01	04/19/08 12:05
Surrogate: 4-Bromofluorobenzene		20.3		ug/L	25.0	81%	79 - 124	8042893	NRD1638-01	04/19/08 12:05

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters												
8043585-MSD1												
Cyanide	ND	0.138	M1	mg/L	0.100	138%	68 - 134	2	43	8043585	NRD1779-01	04/25/08 09:39
Volatile Organic Compounds by EPA Method 8260B												
8042893-MSD1												
Acetone	ND	259		ug/L	250	104%	55 - 148	2	29	8042893	NRD1638-01	04/19/08 12:30
Benzene	0.840	55.4		ug/L	50.0	109%	68 - 143	3	23	8042893	NRD1638-01	04/19/08 12:30
Bromobenzene	ND	50.2		ug/L	50.0	100%	65 - 140	3	18	8042893	NRD1638-01	04/19/08 12:30
Bromochloromethane	ND	59.2		ug/L	50.0	118%	80 - 137	1	18	8042893	NRD1638-01	04/19/08 12:30
Bromodichloromethane	ND	47.2		ug/L	50.0	94%	80 - 132	4	18	8042893	NRD1638-01	04/19/08 12:30
Bromoform	ND	43.5		ug/L	50.0	87%	67 - 123	4	24	8042893	NRD1638-01	04/19/08 12:30
Bromomethane	ND	61.3		ug/L	50.0	123%	39 - 166	4	45	8042893	NRD1638-01	04/19/08 12:30
2-Butanone	ND	266		ug/L	250	106%	50 - 154	3	36	8042893	NRD1638-01	04/19/08 12:30
sec-Butylbenzene	ND	55.5		ug/L	50.0	111%	73 - 142	1	17	8042893	NRD1638-01	04/19/08 12:30
n-Butylbenzene	ND	56.0		ug/L	50.0	112%	64 - 147	1	18	8042893	NRD1638-01	04/19/08 12:30
tert-Butylbenzene	ND	52.8		ug/L	50.0	106%	70 - 148	1	17	8042893	NRD1638-01	04/19/08 12:30
Carbon disulfide	ND	61.2		ug/L	50.0	122%	79 - 147	3	16	8042893	NRD1638-01	04/19/08 12:30
Carbon Tetrachloride	ND	61.0		ug/L	50.0	122%	62 - 165	5	29	8042893	NRD1638-01	04/19/08 12:30
Chlorobenzene	ND	53.2		ug/L	50.0	106%	67 - 140	2	27	8042893	NRD1638-01	04/19/08 12:30
Chlorodibromomethane	ND	44.3		ug/L	50.0	89%	72 - 123	4	21	8042893	NRD1638-01	04/19/08 12:30
Chloroethane	ND	56.2		ug/L	50.0	112%	74 - 151	2	32	8042893	NRD1638-01	04/19/08 12:30
Chloroform	ND	52.2		ug/L	50.0	104%	59 - 152	2	28	8042893	NRD1638-01	04/19/08 12:30
Chloromethane	ND	76.3	M7	ug/L	50.0	153%	33 - 138	0.6	21	8042893	NRD1638-01	04/19/08 12:30
2-Chlorotoluene	ND	51.1		ug/L	50.0	102%	76 - 134	3	16	8042893	NRD1638-01	04/19/08 12:30
4-Chlorotoluene	ND	51.4		ug/L	50.0	103%	80 - 133	2	17	8042893	NRD1638-01	04/19/08 12:30
1,2-Dibromo-3-chloropropane	ND	59.6		ug/L	50.0	119%	60 - 136	8	29	8042893	NRD1638-01	04/19/08 12:30
1,2-Dibromoethane (EDB)	ND	56.0		ug/L	50.0	112%	80 - 132	4	21	8042893	NRD1638-01	04/19/08 12:30
Dibromomethane	ND	54.1		ug/L	50.0	108%	79 - 131	2	20	8042893	NRD1638-01	04/19/08 12:30
1,4-Dichlorobenzene	ND	52.7		ug/L	50.0	105%	80 - 126	2	19	8042893	NRD1638-01	04/19/08 12:30
1,3-Dichlorobenzene	ND	52.9		ug/L	50.0	106%	75 - 132	3	18	8042893	NRD1638-01	04/19/08 12:30
1,2-Dichlorobenzene	ND	54.4		ug/L	50.0	109%	80 - 130	3	23	8042893	NRD1638-01	04/19/08 12:30
Dichlorodifluoromethane	ND	55.4		ug/L	50.0	111%	36 - 146	1	14	8042893	NRD1638-01	04/19/08 12:30
1,1-Dichloroethane	0.390	53.3		ug/L	50.0	106%	76 - 131	3	15	8042893	NRD1638-01	04/19/08 12:30
1,2-Dichloroethane	ND	50.1		ug/L	50.0	100%	53 - 146	2	26	8042893	NRD1638-01	04/19/08 12:30
cis-1,2-Dichloroethene	0.840	54.6		ug/L	50.0	107%	76 - 141	3	14	8042893	NRD1638-01	04/19/08 12:30
1,1-Dichloroethene	ND	54.4		ug/L	50.0	109%	63 - 157	2	26	8042893	NRD1638-01	04/19/08 12:30
trans-1,2-Dichloroethene	0.380	55.1		ug/L	50.0	109%	78 - 137	4	14	8042893	NRD1638-01	04/19/08 12:30
1,3-Dichloropropane	ND	48.9		ug/L	50.0	98%	76 - 130	3	21	8042893	NRD1638-01	04/19/08 12:30
1,2-Dichloropropane	ND	52.3		ug/L	50.0	105%	77 - 128	3	16	8042893	NRD1638-01	04/19/08 12:30
2,2-Dichloropropane	ND	53.2		ug/L	50.0	106%	62 - 145	5	14	8042893	NRD1638-01	04/19/08 12:30
cis-1,3-Dichloropropene	ND	42.6		ug/L	50.0	85%	71 - 140	5	19	8042893	NRD1638-01	04/19/08 12:30
trans-1,3-Dichloropropene	ND	40.0		ug/L	50.0	80%	65 - 137	2	20	8042893	NRD1638-01	04/19/08 12:30

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
8042893-MSD1												
1,1-Dichloropropene	ND	55.1		ug/L	50.0	110%	80 - 136	3	14	8042893	NRD1638-01	04/19/08 12:30
Ethylbenzene	ND	52.9		ug/L	50.0	106%	80 - 135	2	17	8042893	NRD1638-01	04/19/08 12:30
Hexachlorobutadiene	ND	53.7		ug/L	50.0	107%	48 - 155	3	34	8042893	NRD1638-01	04/19/08 12:30
2-Hexanone	ND	283		ug/L	250	113%	58 - 154	3	34	8042893	NRD1638-01	04/19/08 12:30
Isopropylbenzene	ND	55.0		ug/L	50.0	110%	80 - 135	2	18	8042893	NRD1638-01	04/19/08 12:30
p-Isopropyltoluene	ND	56.4		ug/L	50.0	113%	74 - 139	2	17	8042893	NRD1638-01	04/19/08 12:30
Methyl tert-Butyl Ether	ND	50.6		ug/L	50.0	101%	60 - 144	4	32	8042893	NRD1638-01	04/19/08 12:30
Methylene Chloride	ND	53.8		ug/L	50.0	108%	64 - 140	1	18	8042893	NRD1638-01	04/19/08 12:30
4-Methyl-2-pentanone	ND	248		ug/L	250	99%	55 - 153	3	31	8042893	NRD1638-01	04/19/08 12:30
Naphthalene	ND	81.0	M7	ug/L	50.0	162%	50 - 154	2	39	8042893	NRD1638-01	04/19/08 12:30
n-Propylbenzene	ND	54.0		ug/L	50.0	108%	78 - 141	2	17	8042893	NRD1638-01	04/19/08 12:30
Styrene	ND	56.4		ug/L	50.0	113%	80 - 139	2	16	8042893	NRD1638-01	04/19/08 12:30
1,1,1,2-Tetrachloroethane	ND	46.8		ug/L	50.0	94%	75 - 140	4	17	8042893	NRD1638-01	04/19/08 12:30
1,1,2,2-Tetrachloroethane	ND	59.8		ug/L	50.0	120%	55 - 152	3	28	8042893	NRD1638-01	04/19/08 12:30
Tetrachloroethene	ND	52.1		ug/L	50.0	104%	67 - 150	3	27	8042893	NRD1638-01	04/19/08 12:30
Toluene	ND	48.8		ug/L	50.0	98%	75 - 139	2	19	8042893	NRD1638-01	04/19/08 12:30
1,2,3-Trichlorobenzene	ND	65.2		ug/L	50.0	130%	49 - 144	2	31	8042893	NRD1638-01	04/19/08 12:30
1,2,4-Trichlorobenzene	ND	59.8		ug/L	50.0	120%	55 - 135	3	26	8042893	NRD1638-01	04/19/08 12:30
1,1,2-Trichloroethane	ND	50.0		ug/L	50.0	100%	77 - 128	1	21	8042893	NRD1638-01	04/19/08 12:30
1,1,1-Trichloroethane	ND	53.8		ug/L	50.0	108%	80 - 136	3	16	8042893	NRD1638-01	04/19/08 12:30
Trichloroethene	1.03	60.2		ug/L	50.0	118%	57 - 158	1	28	8042893	NRD1638-01	04/19/08 12:30
Trichlorofluoromethane	ND	55.5		ug/L	50.0	111%	68 - 145	3	20	8042893	NRD1638-01	04/19/08 12:30
1,2,3-Trichloropropane	ND	59.3		ug/L	50.0	119%	55 - 137	5	26	8042893	NRD1638-01	04/19/08 12:30
1,3,5-Trimethylbenzene	ND	54.0		ug/L	50.0	108%	78 - 136	2	16	8042893	NRD1638-01	04/19/08 12:30
1,2,4-Trimethylbenzene	ND	54.5		ug/L	50.0	109%	70 - 143	2	22	8042893	NRD1638-01	04/19/08 12:30
Vinyl chloride	0.520	58.8		ug/L	50.0	117%	49 - 156	3	26	8042893	NRD1638-01	04/19/08 12:30
Xylenes, total	ND	159		ug/L	150	106%	80 - 136	1	18	8042893	NRD1638-01	04/19/08 12:30
Surrogate: 1,2-Dichloroethane-d4		20.4		ug/L	25.0	82%	60 - 140			8042893	NRD1638-01	04/19/08 12:30
Surrogate: Dibromofluoromethane		21.4		ug/L	25.0	86%	75 - 124			8042893	NRD1638-01	04/19/08 12:30
Surrogate: Toluene-d8		19.7		ug/L	25.0	79%	78 - 121			8042893	NRD1638-01	04/19/08 12:30
Surrogate: 4-Bromofluorobenzene		20.8		ug/L	25.0	83%	79 - 124			8042893	NRD1638-01	04/19/08 12:30

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	AIHA	Nelac	Illinois
EPA 335.4	Water	N/A	X	X
SM4500-CN I	Water			
SW846 8015B	Water	N/A	X	X
SW846 8082	Oil	N/A	X	X
SW846 8082	Water	N/A	X	X
SW846 8260B	Water	N/A	X	X

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte
SM4500-CN I	Water	Cyanide, Weak Acid Dissociable

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NRD1638
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.215
Attn	Julie Heimerdinger	Received:	04/18/08 08:15

DATA QUALIFIERS AND DEFINITIONS

B	Analyte was detected in the associated Method Blank.
C	Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.
pH	pH pH=7
Z10	Surrogate outside laboratory historical limits but within method guidelines. No effect on data.
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.
ND	Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville, TN

COOLER RECE

NRD1638

Cooler Received/Opened On 4.18.08 @ 0815

1. Tracking # 5743 (last 4 digits, FedEx)

Courier: **FedEx** IR Gun ID **643140**

2. Temperature of rep. sample or temp blank when opened: 4.8 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

   If yes, how many and where: 1 front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) JD

7. Were custody seals on containers: YES NO and intact YES...NO...NA

   Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry Ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

   b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (initial)

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

   b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

   If preservation in-house was needed, record standard ID of preservative used here_____

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial)

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial)

I certify that I attached a label with the unique LIMS number to each container (initial)

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# 48152

4/18/08 4/18/08

1 VOA for MBA 103 was received empty

For MBA 124 we received 3 VOA's with no analysis requested

BIS = Broken in shipment

Cooler Receipt Form.doc

LF-1

End of Form

Revised 9/6/07

Test America
Nashville, TN

COOLER RECEIPT FORM

Cooler Received/Opened On: 4/18/08 @ 8:15

1. Tracking # 3431 (last 4 digits, FedEx)

   Fed-ex IR Gun ID:92171982

2. Temperature of rep. sample or temp blank when opened: 5.7 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

   If yes, how many and where: iF-nT

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

   Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

   b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

   b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

   If preservation in-house was needed, record standard ID of preservative used here_____

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#_____

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 4/18/07

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville, TN

COOLER RECEIPT FORM

Cooler Received/Opened On 4.18.08 @ 0815

1. Tracking # 5754 (last 4 digits, FedEx)

Courier: **FedEx** IR Gun ID **643140**

2. Temperature of rep. sample or temp blank when opened: 5.6 *Degrees Celsius*
3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA
4. Were custody seals on outside of cooler? YES...NO...NA

   If yes, how many and where: 1 front
5. Were the seals intact, signed, and dated correctly? YES...NO...NA
6. Were custody papers inside cooler? YES...NO...NA 4.18.08

I certify that I opened the cooler and answered questions 1-6 (initial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

   Were these signed and dated correctly? YES...NO...NA
8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None
9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None
10. Did all containers arrive in good condition (unbroken)? YES...NO...NA
11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA
12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

   b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (initial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

   b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

   If preservation in-house was needed, record standard ID of preservative used here_____

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA
18. Did you sign the custody papers in the appropriate place? YES...NO...NA
19. Were correct containers used for the analysis requested? YES...NO...NA
20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) _____

I certify that I attached a label with the unique LIMS number to each container (initial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#_____

BIS = Broken in shipment

End of Form

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville, TN

COOLER RECEIPT FORM

Cooler Received/Opened On 4.18.08 @ 0815

1. Tracking # 5710 (last 4 digits, FedEx)

Courier: **FedEx** IR Gun ID **643140**

2. Temperature of rep. sample or temp blank when opened: 2.0 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO..NA

4. Were custody seals on outside of cooler? YES...NO...NA

   If yes, how many and where: 1 front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

   Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

   b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (initial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

   b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

   If preservation in-house was needed, record standard ID of preservative used here_____

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) _____

I certify that I attached a label with the unique LIMS number to each container (initial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#_____

BIS = Broken in shipment

End of Form

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax:(615) 726-3404

Client: Mabbett & Associates, Inc. (10615)
Address: 5 Alfred Circle
City, State, Zip: Bedford MA 01730
Client Invoice Contact: Attn: Accounts Payable
Client Project Mgr: Julie Heimerdinger
Client Telephone#: (781) 275-6050 Fax: (781) 275-5651
Sampler Name (Print) DJA, DBN, JSH
SamplerSignature: [signature]

TA Account #: 1408030 PO #: 4316
Invoice to: Mabbett & Associates, Inc. (10615)
Report to: ~~Kiran Sears~~ Julie Heimerdinger
Project Name: Bodycote
Facility ID: 1998002.[redacted]
Site Address:
City,State,Zip: Illinois
Regulatory District (CA):

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	NAPL (specify) Other	Analyze for: 8082 PCBs	8082 PCBs in Oil	8260B Volatile Organics	Cyanide Dissociable SM4500-CN I	Cyanide, total EPA 335.4	TPH - Diesel Range SW846 8015									RUSH TAT (Pre Schedule) *
MCA-2	4/16/08	0900	5	X					3					2	X						X		X											01		
M&A-103	4/16/08	1705	5	X					3					2	X						X		X											2		
M&A-104	4/16/08	1350	5	X					3					2	X						X		X											3		
M&A-106	4/16/08	1035	2	X										2	X						X													4		
M&A-111	4/16/08	1410	5	X					3					2	X						X		X											5		
M&A-112	4/16/08	1140	5	X					3					2	X						X		X											6		
M&A-113	4/16/08	1710	1	X										1						X		X												7		
M&A-114	4/16/08	1720	1	X										1						X		X												8		
M&A-116	4/16/08	0930	3	X					3						X								X											9		
M&A-117	4/16/08	1015	2	X										2	X						X													10		

NRD1638
04/29/08 23:59

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.
* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments;additional charges may be assessed.
There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 8827
Chain covers Four coolers
Two empty coolers Returned

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
[signature]	4/17/08	0930						

Shipped Via: FedX	Shipped Via:	QC Deliverables (Please Circle One) : Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)	Date Due of Report:
Received for TestAmerica by: [signature] Date: 4/18/08 Time: 8:15	Temperature Upon Receipt: 4.5/5.7/5.6 Sample Containers Intact? Y N VOCs Free of Headspace? Y N		

2.0

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax:(615) 726-3404

Client: Mabbett & Associates, Inc. (10615)
Address: 5 Alfred Circle
City, State, Zip: Bedford MA 01730
Client Invoice Contact: Attn: Accounts Payable
Client Project Mgr: Julie Heimerdinger
Client Telephone#: (781) 275-6050 Fax: (781) 275-5651
Sampler Name (Print) DJA DBN JSH
SamplerSignature: Julie A Heimerdinger

TA Account #: 1408030 PO #: 4316
Invoice to: Mabbett & Associates, Inc. (10615)
Report to: ~~Kiran Sears~~ Julie Heimerdinger
Project Name: Bodycote
Facility ID: 1998002
Site Address:
City,State,Zip: Illinois
Regulatory District (CA):

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	Analyze for: 8082 PCBs	8082 PCBs in Oil	8260B Volatile Organics	Cyanide Dissociable SM4500-CN I	Cyanide, total EPA 335.4	TPH - Diesel Range SW846 8015									RUSH TAT (Pre Schedule) *
M&A-119	4/16/08	1515	3	X					3						X								X								11				
M&A-120	4/16/08	0945	3	X					3						X								X								12				
M&A-121	4/16/08	0850	3	X					3						X								X								13				
M&A-122	4/16/08	1655	5	X					3					2	X						X		X								14				
M&A-124	4/16/08	1130	2	X										2	X						X										15				
M&A-126	4/16/08	1540	5	X					3					2	X						X		X								16				
M&A-130	4/16/08	1620	2	X										2	X						X										17				
M&A-301	4/16/08	1700	7	X					5					2	X						X		X			X					18				
M&A-211	4/15/08	1600	4	X					3	1					X								X		X						19				
M&A-2A	4/15/08	1605	4	X					3	1					X								X		X						20				

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.
* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments;additional charges may be assessed.
There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 9827

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
Julie A Heimerdinger	4/17/08	0930						

Shipped Via: FedX
Received for TestAmerica by: [signature] Date: 4/19/08 Time: 8:15
Shipped Via:
Temperature Upon Receipt: 4.8/5.7/5.6
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (Please Circle One): Level 2 Level 3 Level 4 Site Specific
(If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)
Date Due of Report:

2.0

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax:(615) 726-3404

Client: Mabbett & Associates, Inc. (10615)
Address: 5 Alfred Circle
City, State, Zip: Bedford MA 01730
Client Invoice Contact: Attn: Accounts Payable
Client Project Mgr: Julie Heimerdinger
Client Telephone#: (781) 275-6050 Fax: (781) 275-5651
Sampler Name (Print) DJA, DBN, JSH
SamplerSignature: [signature]

TA Account #: 1408030 PO #: 4316
Invoice to: Mabbett & Associates, Inc. (10615)
Report to: ~~Kiran Sears~~ Julie Heimerdinger
Project Name: Bodycote
Facility ID: 1998002.~~215~~
Site Address:
City,State,Zip: Illinois
Regulatory District (CA):

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	Analyze for: 8082 PCBs	8082 PCBs in Oil	8260B Volatile Organics	Cyanide Dissociable SM4500-CN I	Cyanide, total EPA 335.4	TPH - Diesel Range SW846 8015											RUSH TAT (Pre Schedule) *
MEA-222	4/15/08	1630	4	X					3	1					X								X		X										21		
MEA-226	4/15/08	1500	5	X					3	2					X								X	X	X										22		
Trip Blank			1						1														X												23		

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.
* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments;additional charges may be assessed.
There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 9827

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
[signature]	4/17/08	0930						

Shipped Via: FedX
Shipped Via:
QC Deliverables (Please Circle One): Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)
Date Due of Report:

Received for TestAmerica by:	Date:	Time:	Temperature Upon Receipt: 4.8/5.7/5.4	Sample Containers Intact? Y N	VOCs Free of Headspace? Y N
[signature]	4/16/08	8:15			

2.0