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March 10, 2010

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. 1998002.277 ILD 005 071 808

Dear Mr. Heller:

On behalf of Bodycote Thermal Processing (Bodycote), Mabbett & Associates, Inc. (M&A) has prepared the enclosed Annual Polychlorinated Biphenyl Action Summary Report for the facility located at 1975 North Ruby Street in Melrose Park, Illinois.

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 10, 2010

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

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Mabbett & Associates, Inc.

Environmental Consultants & Engineers

ANNUAL POLYCHLORINATED BIPHENYL ACTION SUMMARY REPORT

BODYCOTE THERMAL PROCESSING MELROSE PARK, ILLINOIS

PROJECT NO. 1998002.277

March 10, 2010

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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-Agreements dated July 31, 2009 and February 4, 2010. 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,
Senior Vice President & General Manager

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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 (HTB) 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 2009 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 Monitoring Well Location Plan are provided as Drawings L-1 and L-2, respectively.

III. SITE HISTORY

The presence of PCBs beneath the Bodycote HTB 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 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 was 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 events 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 HTB 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 TestAmerica Analytical Testing Corporation (TestAmerica) 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 2009 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 HTB. 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 2009. Tables 1 and 2 provide PCB sampling data collected to date for both groundwater and NAPL beneath the HTB. 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 HTB (provided in Tables 1 and 2), PCBs appear to be limited to NAPL and groundwater in the vicinity of monitoring wells M&A-104, M&A-110, M&A-111, M&A-112, M&A-113 and M&A-114. As indicated in Table 1, detected concentrations of PCBs in groundwater beneath the HTB have been below the IEPA TACO Tier I Groundwater Standard of 2.5 µg/L since the spring 2006 sampling event with the exception of one well. During the April and October 2009 sampling event Aroclor 1242 and Aroclor 1248 were detected in groundwater in well M&A-113 at concentrations of 2.96 µg/L and 112 µg/L, respectively. PCBs were also detected in groundwater samples collected from this well in 2008.

In regards to PCB contaminated NAPL, Aroclor 1242 and Aroclor 1248 were detected in a DNAPL sample collected from well M&A-113 during the April and October sampling event at concentrations of 38.4 mg/kg and 1,180 mg/kg, respectively. Furthermore, Aroclor 1242 was detected at a concentration of 28.8 mg/kg in the LNAPL sample collected from groundwater monitoring well M&A-114 during the April 2009 sampling event. It should be noted that during the October 2009 sampling event LNAPL was not observed in monitoring well M&A-114 and PCBs were not detected above the laboratory method reporting limit of 0.5 µg/L in the groundwater sample collected from this well. Bodycote personnel have performed weekly hand-bailing and oil absorbent media deployment activities in monitoring well M&A-114 over the past year.

Drawing L-3 depicts the area of PCB groundwater and NAPL contamination beneath the HTB in October 2009. 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 with the exception of active DNAPL recovery well M&A-113 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.

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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 maintain/monitor on a weekly basis oil absorbent media in monitoring well M&A-114.

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
IEPA 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	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
MW-10	Intermed	10/28/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
MCA-1	Shallow	10/28/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/7/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/20/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
MCA-2	Shallow	10/02/2002	BRL (<0.5)	BRL (<1.0)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/23/2003	BRL (<0.5)	BRL (<1.0)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/18/2006	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)
		10/19/2006	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		5/02/2007	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/17/2007	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/16/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/23/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/07/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/20/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
MCA-3	Shallow	4/07/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
MCA-4	Shallow	10/28/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
MCA-5	Shallow	5/18/2004	BRL (<0.5)	BRL (<1.0)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/17/2006 (2)	-	-	-	-	-	-	-
		5/15/2006	BRL (<0.4)	BRL (<0.4)	BRL (<0.4)	BRL (<0.4)	BRL (<0.4)	BRL (<0.4)	BRL (<0.4)
		10/18/2006	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/30/2007 (2)	-	-	-	-	-	-	-
		10/17/2007	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/22/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/07/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/20/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
M&A-101	Shallow	10/29/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
M&A-103	Shallow	5/18/2004	BRL (<0.5)	BRL (<1.0)	BRL (<0.5)	BRL (<0.5)	4.59	BRL (<0.5)	BRL (<0.5)
		4/17/2006	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)
		10/19/2006	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/30/2007	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/17/2007	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/16/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/23/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
M&A-104	Shallow	10/02/2002	BRL (<0.5)	BRL (<1.0)	BRL (<0.5)	**1.6**	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/23/2003	BRL (<0.5)	BRL (<1.0)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		5/18/2004	BRL (<0.5)	BRL (<1.0)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/17/2006	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)
		10/19/2006	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/30/2007	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/17/2007	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/16/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/23/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	**0.592**	BRL (<0.5)	BRL (<0.5)
		12/17/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/07/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/21/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	**0.716**	BRL (<0.5)	BRL (<0.5)	BRL (<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
IEPA 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	BRL (<0.5)	BRL (<1.0)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/22/2003	BRL (<0.5)	BRL (<1.0)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/19/2006	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)
		10/19/2006	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<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	BRL (<0.4)	BRL (<0.4)	BRL (<0.4)	BRL (<0.4)	BRL (<0.4)	BRL (<0.4)	BRL (<0.4)
		10/19/2006	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		5/01/2007	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/18/2007	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/16/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/22/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/07/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/20/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
M&A-109	Deep	5/18/2004	BRL (<0.5)	BRL (<1.0)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<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	BRL (<0.5)	BRL (<1.0)	BRL (<0.5)	BRL (<0.5)	**15.3**	BRL (<0.5)	BRL (<0.5)
		4/17/2006 (1)	-	-	-	-	-	-	-
		5/15/2006	BRL (<0.4)	BRL (<0.4)	BRL (<0.4)	**5.92**	BRL (<0.4)	BRL (<0.4)	BRL (<0.4)
		10/19/2006	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	**1.31**	BRL (<0.5)	BRL (<0.5)
		4/30/2007	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/17/2007	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	**1.11**	BRL (<0.5)	BRL (<0.5)
		10/23/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	**0.848**	BRL (<0.5)	BRL (<0.5)
		4/07/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/21/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	**0.508**	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
M&A-111	Intermed	10/02/2002	BRL (<25)	BRL (<50)	BRL (<25)	**800**	BRL (<25)	**154**	BRL (<25)
		10/23/2003	BRL (<0.5)	BRL (<1.0)	BRL (<0.5)	BRL (<0.5)	**3.73**	BRL (<0.5)	BRL (<0.5)
		5/18/2004	BRL (<0.5)	BRL (<1.0)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/18/2006	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)
		10/19/2006	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/30/2007	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/18/2007	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	**0.652**	BRL (<0.5)	BRL (<0.5)
		4/16/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/22/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	**1.16**	BRL (<0.5)	-
		12/17/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/07/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/21/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	**0.712**	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)

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SUMMARY OF GROUNDWATER POLYCHLORINATED BIPHENYL LABORATORY ANALYTICAL RESULTS

GW Samples			Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
IEPA 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	BRL (<0.5)	BRL (<1.0)	BRL (<0.5)	5.0	BRL (<0.5)	2.5	BRL (<0.5)
		10/23/2003	BRL (<1.0)	BRL (<2.0)	BRL (<1.0)	BRL (<1.0)	17.7	8.04	BRL (<1.0)
		5/18/2004	BRL (<0.5)	BRL (<1.0)	BRL (<0.5)	BRL (<0.5)	10.3	BRL (<0.5)	BRL (<0.5)
		4/18/2006	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)
		10/19/2006(2)	-	-	-	-	-	-	-
		5/01/2007	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/18/2007	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	**1.99**	BRL (<0.5)	BRL (<0.5)
		4/16/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/23/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	**1.02**	BRL (<0.5)	BRL (<0.5)
		4/07/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	**1.39**	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/21/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	**1.04**	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
M&A-113	Intermed	5/18/2004	BRL (<0.5)	BRL (<1.0)	BRL (<0.5)	BRL (<0.5)	10.8	BRL (<0.5)	BRL (<0.5)
		4/19/2006	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	10.3	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)
		10/19/2006	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	**1.22**	BRL (<0.5)	BRL (<0.5)
		5/01/2007	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/17/2007(2)	-	-	-	-	-	-	-
		10/23/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	3.25	BRL (<0.5)	BRL (<0.5)
		12/17/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	**1.29**	BRL (<0.5)	BRL (<0.5)
		4/07/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	2.96	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/21/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	112	BRL (<0.5)	BRL (<0.5)
M&A-114	Shallow	10/02/2002	BRL (<0.5)	BRL (<1.0)	BRL (<0.5)	16.8	BRL (<0.5)	13.8	BRL (<0.5)
		4/17/2006 (3)	-	-	-	-	-	-	-
		10/19/2006 (3)	-	-	-	-	-	-	-
		5/2/2007 (3)	-	-	-	-	-	-	-
		10/17/2007(3)	-	-	-	-	-	-	-
		10/22/2008(3)	-	-	-	-	-	-	-
		10/20/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
M&A-115	Intermed	10/02/2002	BRL (<0.5)	BRL (<1.0)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/23/2003	BRL (<0.5)	BRL (<1.0)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/19/2006	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)
		10/19/2006	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		5/2/2007 (1)	-	-	-	-	-	-	-
		10/18/2007	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/08/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/20/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
M&A-116	Shallow	5/18/2004	BRL (<0.5)	BRL (<1.0)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/18/2006	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)
		5/15/2006	BRL (<0.4)	BRL (<0.4)	BRL (<0.4)	BRL (<0.4)	BRL (<0.4)	BRL (<0.4)	BRL (<0.4)
		10/18/2006	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		5/01/2007	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/17/2007(2)	-	-	-	-	-	-	-
		10/22/2008(2)	-	-	-	-	-	-	-

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GW Samples			Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
IEPA 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	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/17/2007	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/16/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/22/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/06/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/20/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
M&A-118	Shallow	10/28/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
M&A-119	Intermed	5/18/2004	BRL (<0.5)	BRL (<1.0)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/18/2006	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)
		10/18/2006	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/30/2007	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/18/2007	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
M&A-120	Intermed	10/18/2006	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		5/01/2007	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/17/2007(2)	-	-	-	-	-	-	-
		10/22/2008(2)	-	-	-	-	-	-	-
		12/17/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/06/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/20/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
M&A-121	Intermed	5/18/2004	BRL (<0.5)	BRL (<1.0)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/18/2006	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)
		10/18/2006	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		5/02/2007	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/17/2007(2)	-	-	-	-	-	-	-
		10/22/2008 (2)	-	-	-	-	-	-	-
		12/17/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/07/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/20/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
M&A-122	Intermed	5/18/2004	BRL (<0.5)	BRL (<1.0)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/19/2006	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)
		10/18/2006	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		5/02/2007	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/17/2007	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/16/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/22/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/09/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/20/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
M&A-124	Shallow	5/15/2006	BRL (<0.4)	BRL (<0.4)	BRL (<0.4)	BRL (<0.4)	BRL (<0.4)	BRL (<0.4)	BRL (<0.4)
		10/19/2006	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		5/01/2007	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/18/2007	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/16/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/22/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/07/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/20/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)

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IEPA 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	BRL (<0.5)	BRL (<1.0)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/18/2006	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)
		10/18/2006	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/30/2007	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/18/2007	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/16/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/23/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/07/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/20/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
M&A-127	Intermed	10/28/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
M&A-130	Shallow	4/16/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/29/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/09/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/20/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
M&A-131	Intermed	12/19/2006	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/29/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/09/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/20/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
M&A-133	Intermed	12/19/2006	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/28/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/07/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/20/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
M&A-301	Shallow	4/19/2006	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)	BRL (<1.0)
		10/18/2006	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		5/02/2007	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/17/2007	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/16/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/22/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/09/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/20/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
M&A-208	Intermed	10/18/2006	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/30/2007(2)	-	-	-	-	-	-	-
		10/17/2007(2)	-	-	-	-	-	-	-
		10/28/2008	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		4/9/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)
		10/20/2009	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)	BRL (<0.5)

Notes:
µg/L - micrograms per liter
PCB 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 Illinois EPA 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-113	Intermed (DNAPL)	5/17/2004	BRL (< 50)	BRL (< 50)	BRL (< 50)	BRL (< 50)	**946**	BRL (< 50)	BRL (< 50)
		4/19/2006	BRL (<0.0326)	BRL (<0.0326)	BRL (<0.0326)	BRL (<0.0326)	BRL (<0.0326)	BRL (<0.0326)	BRL (<0.0326)
		10/19/2006 (1)	-	-	-	-	-	-	-
		5/2/2007	BRL (<3.2)	BRL (<3.2)	BRL (<3.2)	BRL (<3.2)	**953**	BRL (<3.2)	BRL (<3.2)
		10/17/2007	BRL (<6.53)	BRL (<6.53)	BRL (<6.53)	BRL (<6.53)	**1,320**	BRL (<6.53)	BRL (<6.53)
		4/16/2008	BRL (<3.33)	BRL (<3.33)	BRL (<3.33)	BRL (<3.33)	**1,330**	BRL (<3.33)	BRL (<3.33)
		10/22/2008	BRL (<3.26)	BRL (<3.26)	BRL (<3.26)	BRL (<3.26)	**1,270**	BRL (<3.26)	BRL (<3.26)
		4/7/2009	BRL (<1.33)	BRL (<1.33)	BRL (<1.33)	**38.4**	BRL (<1.33)	BRL (<1.33)	BRL (<1.33)
		10/21/2009	BRL (<1.66)	BRL (<1.66)	BRL (<1.66)	BRL (<1.66)	**1,180**	BRL (<1.66)	BRL (<1.66)
M&A-114	Shallow (LNAPL)	5/17/2004	BRL (< 0.05)	BRL (< 0.05)	BRL (< 0.05)	BRL (< 0.05)	**1.72**	BRL (< 0.05)	BRL (< 0.05)
		4/17/2006	BRL (< 0.128)	BRL (< 0.128)	BRL (< 0.128)	BRL (< 0.128)	**41.4**	BRL (< 0.128)	BRL (< 0.128)
		10/19/2006	BRL (< 0.0326)	BRL (< 0.0326)	BRL (< 0.0326)	BRL (< 0.0326)	BRL (< 0.0326)	BRL (< 0.0326)	BRL (< 0.0326)
		5/2/2007	BRL (<0.162)	BRL (<0.162)	BRL (<0.162)	BRL (<0.162)	**36.8**	BRL (<0.162)	BRL (<0.162)
		10/17/2007	BRL (<0.135)	BRL (<0.135)	BRL (<0.135)	BRL (<0.135)	**53.5**	BRL (<0.135)	BRL (<0.135)
		4/16/2008	BRL (<0.133)	BRL (<0.133)	BRL (<0.133)	BRL (<0.133)	**36**	BRL (<0.133)	BRL (<0.133)
		10/22/2008	BRL (<0.132)	BRL (<0.132)	BRL (<0.132)	BRL (<0.132)	**21.3**	BRL (<0.132)	BRL (<0.132)
		4/7/2009	BRL (<0.131)	BRL (<0.131)	BRL (<0.131)	**28.8**	BRL (<0.131)	BRL (<0.131)	BRL (<0.131)
		10/21/2009(1)	-	-	-	-	-	-	-
M&A-301	Shallow (LNAPL)	5/17/2004	BRL (< 0.5)	BRL (< 0.5)	BRL (< 0.5)	BRL (< 0.5)	**0.67**	BRL (< 0.5)	BRL (< 0.5)
		4/19/2006 to 10/22/2009 (1)	-	-	-	-	-	-	-
MCA-2	Shallow (LNAPL)	5/17/2004	-	-	-	-	-	-	-
		4/17/2006	BRL (< 0.132)	BRL (< 0.132)	BRL (< 0.132)	BRL (< 0.132)	BRL (< 0.132)	BRL (< 0.132)	BRL (< 0.132)
		10/19/2006	BRL (< 0.032)	BRL (< 0.032)	BRL (< 0.032)	BRL (< 0.032)	BRL (< 0.032)	BRL (< 0.032)	BRL (< 0.032)
		5/2/2007 to 10/22/2009(1)	No Further Remediation Status Granted by IEPA and filed at Cook County Recorder of Deeds 09/23/2009						

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

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FIGURES

BODYCOTE THERMAL PROCESSING, INC.

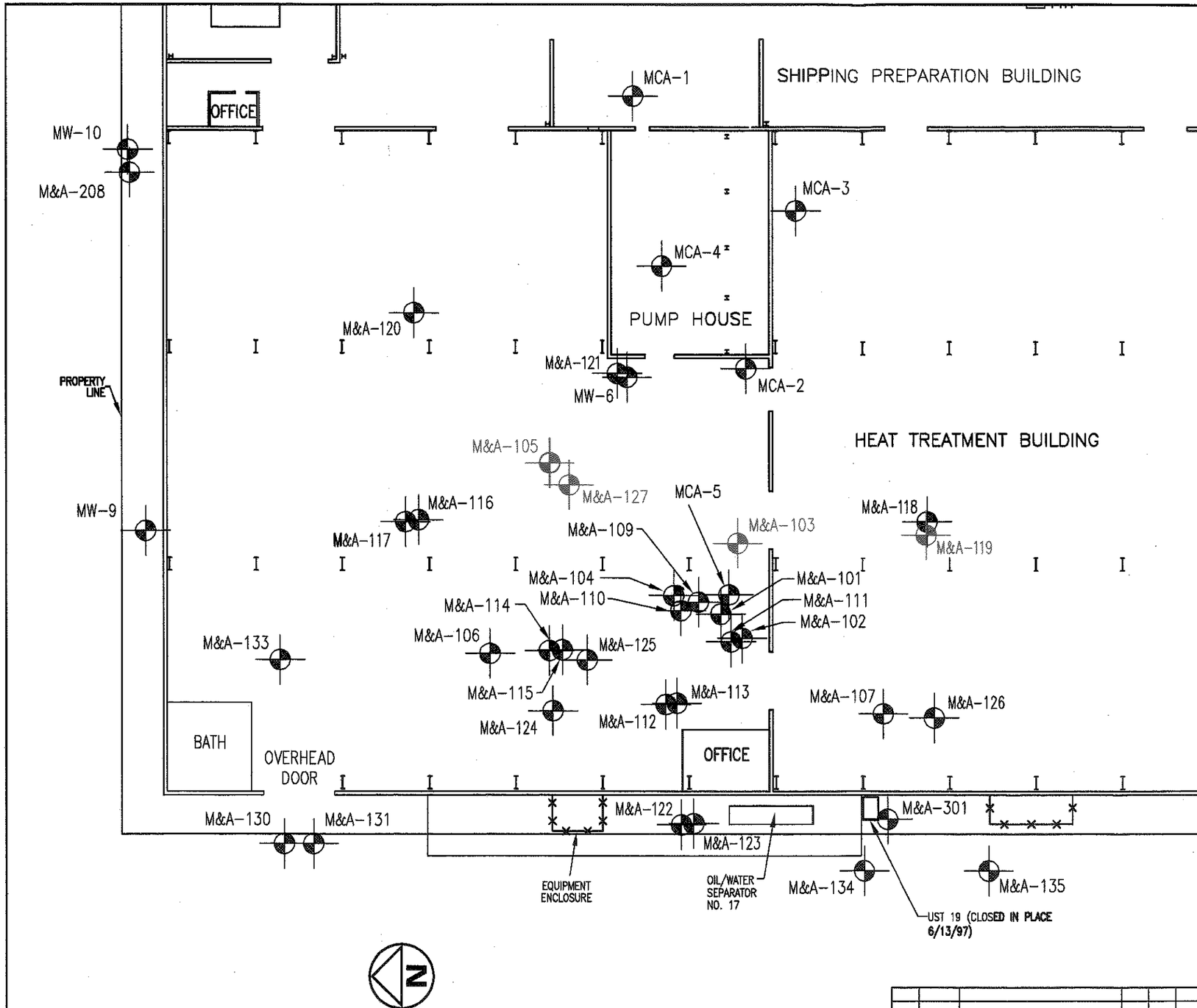
MELROSE PARK, ILLINOIS

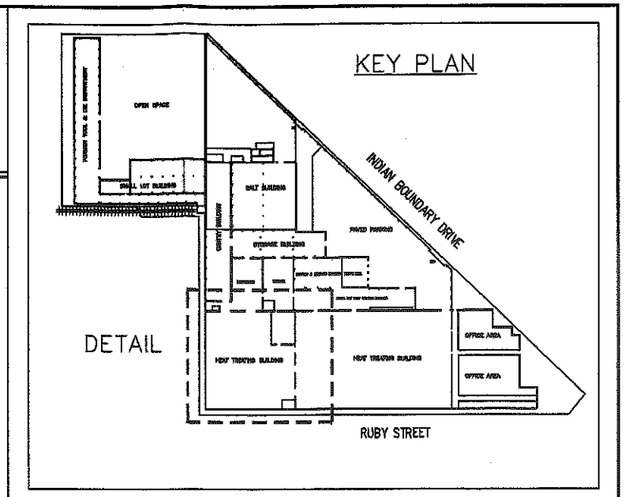
Mabrett & Associates

SITE LOCUS

DWG. NO. L-1

DRAWN DJA | APPROVED | SCALE NTS | PROJ. NO. 1998002.277





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
- CLOSED IN PLACE (DECEMBER 2008)
- APPROXIMATE PROPERTY LINE
- CHAIN LINK FENCE
- SUPPORTING COLUMN

SCALE:
0' 30' 60' 90'

BODYCOTE THERMAL PROCESSING, INC.

MELROSE PARK, ILLINOIS

NO.	DATE	DESCRIPTION	DRN	CHK	APP
		REVISION			

Mabbett & Associates

HEAT TREATMENT BUILDING MONITORING WELL LOCATIONS PLAN

DWG. NO. L-2

DRAWN PAL | APPROVED | SCALE 1"=30'-0" | PROJ. NO. 1998002.277

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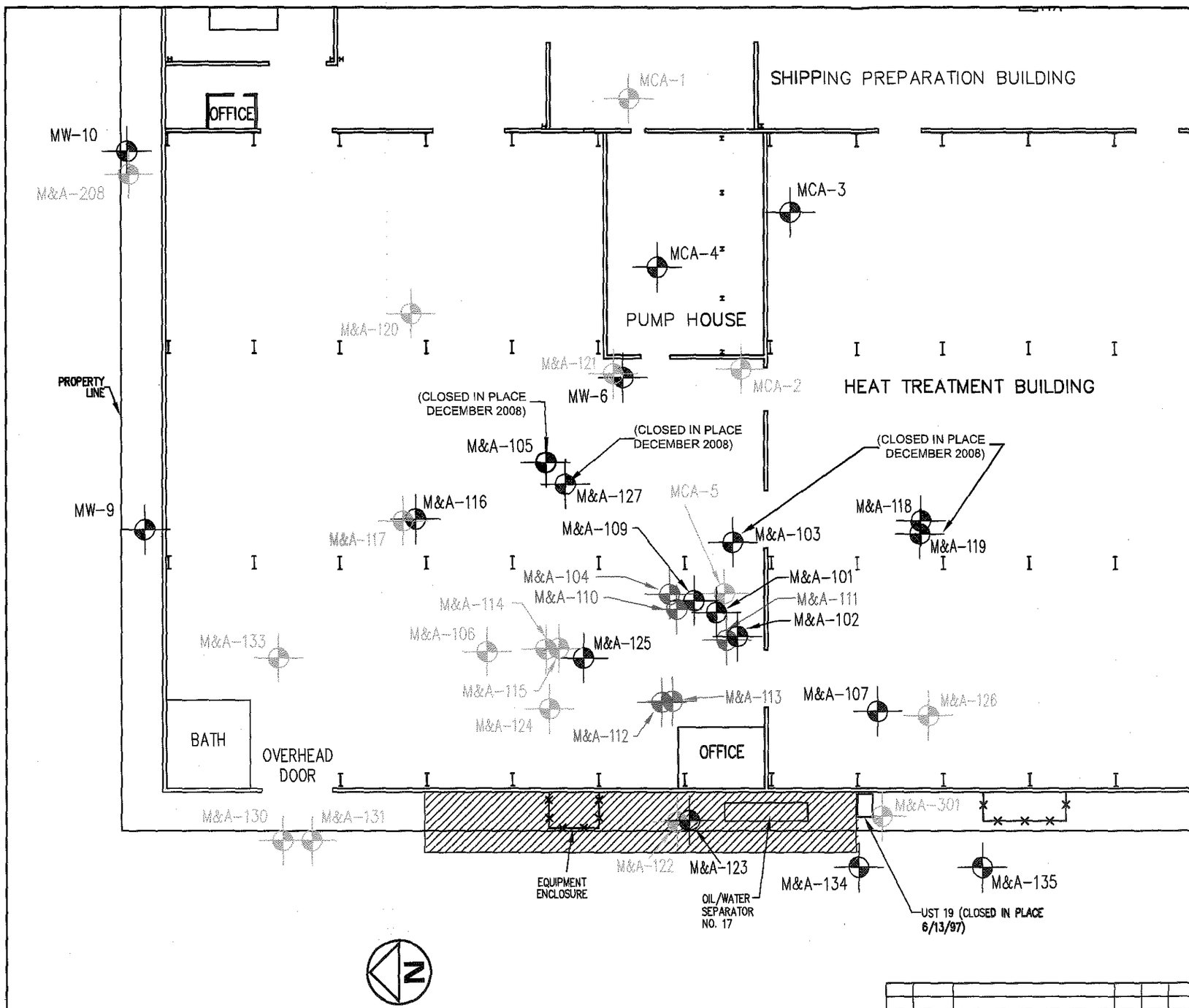
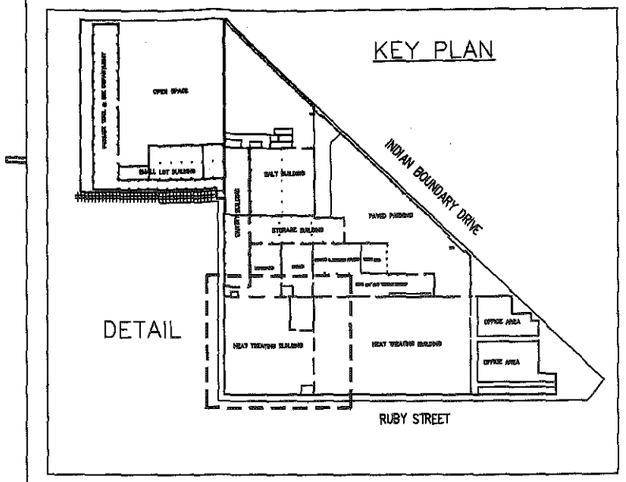
S:\CADD\WORK\Bodycote\1998002.277\1998002-277-L2 HTB Site_Well_Boring Plan.dwg - L-2 Plan - Feb. 11, 2010 3:48pm - pal





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
- PCBs NOT DETECTED IN GROUNDWATER AT CONCENTRATIONS ABOVE THE LABORATORY METHOD REPORTING LIMIT OF 0.5 ug/L
- PCBs DETECTED IN GROUNDWATER AT CONCENTRATIONS ABOVE 0.5 ug/L BUT BELOW THE IEPA GRO OF 2.5 ug/L
- PCBs DETECTED IN GROUNDWATER ABOVE THE IEPA GRO OF 2.5 ug/L
- APPROXIMATE PROPERTY LINE
- CHAIN LINK FENCE
- SUPPORTING COLUMN
- ENGINEERED BARRIER: CONCRETE SLAB

SCALE:
0' 30' 60' 90'

BODYCOTE THERMAL PROCESSING, INC.

MELROSE PARK, ILLINOIS

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Mabbett & Associates, Inc

NO.	DATE	DESCRIPTION	DRN	CHK	APP
		REVISION			

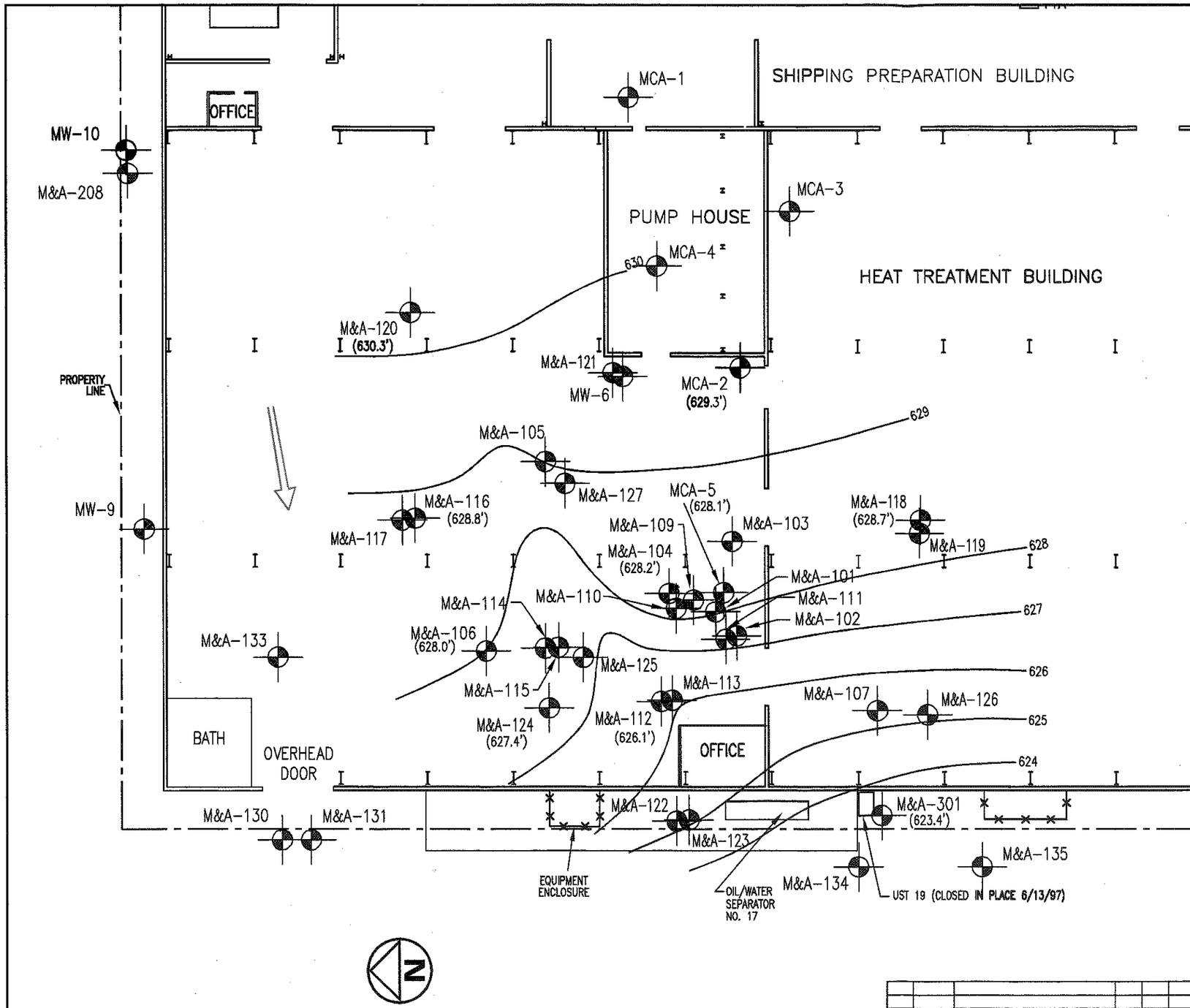
Mabbett & Associates

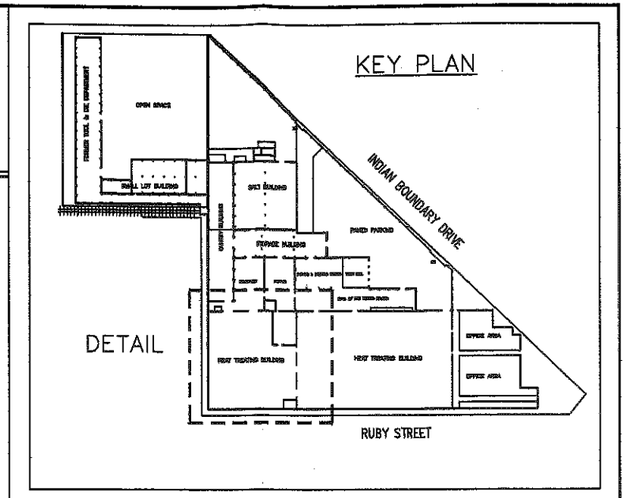
HEAT TREATMENT BUILDING
OCTOBER 2010
GROUNDWATER SAMPLING EVENT

DWG. NO. L-3

DRAWN PAL | APPROVED | SCALE 1"=30'-0" | PROJ. NO. 1998002.277

S:\CADD\WORK\Bodycote\1998002.277\1998002-277-L3 PCB 2008 Contours.dwg - L-3 Plan - Feb. 22, 2010 2:26pm - pal





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
- (630.5') GROUNDWATER ELEVATION, DEFINED AS NATIONAL GEODETIC VERTICAL DATUM (NGVD)
- APPROXIMATE PROPERTY LINE
- SUPPORTING COLUMN
- 1.0 FT. SHALLOW GROUNDWATER CONTOURS (OCTOBER 2009)
- CHAIN LINK FENCE
- GROUNDWATER FLOW DIRECTION

SCALE:

0' 30' 60' 90'

BODYCOTE THERMAL PROCESSING, INC.

MELROSE PARK, ILLINOIS

NO.	DATE	DESCRIPTION	DRN	CHK	APP
		REVISION			

Mabbett & Associates
Environmental Consultants & Engineers

HEAT TREATMENT BUILDING SHALLOW GROUNDWATER ELEVATION CONTOURS (OCTOBER 2009)

DWG. NO. L-4

DRAWN PAL | APPROVED | SCALE 1"=30'-0" | PROJ. NO. 1998002.277

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S:\CADD\WORK\Bodycote\1998002.277\1998002-277-L4 Sallow GW Contours.dwg - L-4 Plan - Feb. 17, 2010 1:25pm - pal

APPENDICES

APPENDIX A

Laboratory Analytical Results

April and October 2009

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

April 17, 2009 4:27:16PM

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

Work Order: NSD0721
Project Name: Bodycote
Project Nbr: 1998002.242/244
P/O Nbr:
Date Received: 04/08/09

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MCA-1	NSD0721-01	04/07/09 11:30
MCA-2	NSD0721-02	04/07/09 10:25
MCA-3	NSD0721-03	04/07/09 13:35
MCA-5	NSD0721-04	04/07/09 08:30
M&A-104	NSD0721-05	04/07/09 11:45
M&A-110	NSD0721-06	04/07/09 10:15
M&A-111	NSD0721-07	04/07/09 09:30
M&A-112	NSD0721-08	04/07/09 14:15
M&A-114	NSD0721-09	04/07/09 14:00
M&A-116	NSD0721-10	04/06/09 13:00
M&A-113	NSD0721-11	04/07/09 13:00
M&A-113	NSD0721-12	04/07/09 13:30
M&A-117	NSD0721-13	04/06/09 11:20
M&A-120	NSD0721-14	04/06/09 13:45
M&A-121	NSD0721-15	04/07/09 10:50
M&A-126	NSD0721-16	04/07/09 13:00
M&A-133	NSD0721-17	04/07/09 09:30
Trip Blank	NSD0721-18	04/06/09 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: 002179
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:

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:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 08:00

Ken A. Hayes

Senior 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:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0721-01 (MCA-1 - Ground Water) Sampled: 04/07/09 11:30								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/15/09 05:55	SW846 8082	9041527
PCB-1221	ND		ug/L	0.500	1	04/15/09 05:55	SW846 8082	9041527
PCB-1232	ND		ug/L	0.500	1	04/15/09 05:55	SW846 8082	9041527
PCB-1242	ND		ug/L	0.500	1	04/15/09 05:55	SW846 8082	9041527
PCB-1248	ND		ug/L	0.500	1	04/15/09 05:55	SW846 8082	9041527
PCB-1254	ND		ug/L	0.500	1	04/15/09 05:55	SW846 8082	9041527
PCB-1260	ND		ug/L	0.500	1	04/15/09 05:55	SW846 8082	9041527
Surr: Tetrachloro-meta-xylene (29-137%)	*76 %*					*04/15/09 05:55*	*SW846 8082*	*9041527*
Surr: Decachlorobiphenyl (10-146%)	*59 %*					*04/15/09 05:55*	*SW846 8082*	*9041527*
Sample ID: NSD0721-02 (MCA-2 - Ground Water) Sampled: 04/07/09 10:25								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/15/09 06:15	SW846 8082	9041527
PCB-1221	ND		ug/L	0.500	1	04/15/09 06:15	SW846 8082	9041527
PCB-1232	ND		ug/L	0.500	1	04/15/09 06:15	SW846 8082	9041527
PCB-1242	ND		ug/L	0.500	1	04/15/09 06:15	SW846 8082	9041527
PCB-1248	ND		ug/L	0.500	1	04/15/09 06:15	SW846 8082	9041527
PCB-1254	ND		ug/L	0.500	1	04/15/09 06:15	SW846 8082	9041527
PCB-1260	ND		ug/L	0.500	1	04/15/09 06:15	SW846 8082	9041527
Surr: Tetrachloro-meta-xylene (29-137%)	*72 %*					*04/15/09 06:15*	*SW846 8082*	*9041527*
Surr: Decachlorobiphenyl (10-146%)	*31 %*					*04/15/09 06:15*	*SW846 8082*	*9041527*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/10/09 13:56	SW846 8260B	9041887
Benzene	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
Bromobenzene	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
Bromochloromethane	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
Bromodichloromethane	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
Bromoform	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
Bromomethane	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
2-Butanone	ND		ug/L	50.0	1	04/10/09 13:56	SW846 8260B	9041887
sec-Butylbenzene	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
n-Butylbenzene	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
tert-Butylbenzene	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
Carbon disulfide	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
Carbon Tetrachloride	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
Chlorobenzene	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
Chlorodibromomethane	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
Chloroethane	**1.31**		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
Chloroform	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
Chloromethane	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
2-Chlorotoluene	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
4-Chlorotoluene	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/10/09 13:56	SW846 8260B	9041887

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:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0721-02 (MCA-2 - Ground Water) - cont. Sampled: 04/07/09 10:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
Dibromomethane	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
1,1-Dichloroethane	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
1,2-Dichloroethane	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
cis-1,2-Dichloroethene	**2.66**		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
1,1-Dichloroethene	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
1,3-Dichloropropane	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
1,2-Dichloropropane	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
2,2-Dichloropropane	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
1,1-Dichloropropene	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
Ethylbenzene	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
Hexachlorobutadiene	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
2-Hexanone	ND		ug/L	50.0	1	04/10/09 13:56	SW846 8260B	9041887
Isopropylbenzene	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
p-Isopropyltoluene	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
Methylene Chloride	ND		ug/L	5.00	1	04/10/09 13:56	SW846 8260B	9041887
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/10/09 13:56	SW846 8260B	9041887
Naphthalene	ND		ug/L	5.00	1	04/10/09 13:56	SW846 8260B	9041887
n-Propylbenzene	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
Styrene	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
Tetrachloroethene	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
Toluene	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
Trichloroethene	**2.70**		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
Trichlorofluoromethane	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
Vinyl chloride	**8.40**		ug/L	1.00	1	04/10/09 13:56	SW846 8260B	9041887
Xylenes, total	ND		ug/L	3.00	1	04/10/09 13:56	SW846 8260B	9041887

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0721-02 (MCA-2 - Ground Water) - cont. Sampled: 04/07/09 10:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: 1,2-Dichloroethane-d4 (60-140%)	*91 %*					*04/10/09 13:56*	*SW846 8260B*	*9041887*
Surr: Dibromofluoromethane (75-124%)	*96 %*					*04/10/09 13:56*	*SW846 8260B*	*9041887*
Surr: Toluene-d8 (78-121%)	*102 %*					*04/10/09 13:56*	*SW846 8260B*	*9041887*
Surr: 4-Bromofluorobenzene (79-124%)	*96 %*					*04/10/09 13:56*	*SW846 8260B*	*9041887*
Sample ID: NSD0721-03 (MCA-3 - Ground Water) Sampled: 04/07/09 13:35								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/15/09 06:36	SW846 8082	9041527
PCB-1221	ND		ug/L	0.500	1	04/15/09 06:36	SW846 8082	9041527
PCB-1232	ND		ug/L	0.500	1	04/15/09 06:36	SW846 8082	9041527
PCB-1242	ND		ug/L	0.500	1	04/15/09 06:36	SW846 8082	9041527
PCB-1248	ND		ug/L	0.500	1	04/15/09 06:36	SW846 8082	9041527
PCB-1254	ND		ug/L	0.500	1	04/15/09 06:36	SW846 8082	9041527
PCB-1260	ND		ug/L	0.500	1	04/15/09 06:36	SW846 8082	9041527
Surr: Tetrachloro-meta-xylene (29-137%)	*72 %*					*04/15/09 06:36*	*SW846 8082*	*9041527*
Surr: Decachlorobiphenyl (10-146%)	*59 %*					*04/15/09 06:36*	*SW846 8082*	*9041527*
Sample ID: NSD0721-04 (MCA-5 - Ground Water) Sampled: 04/07/09 08:30								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/15/09 06:56	SW846 8082	9041527
PCB-1221	ND		ug/L	0.500	1	04/15/09 06:56	SW846 8082	9041527
PCB-1232	ND		ug/L	0.500	1	04/15/09 06:56	SW846 8082	9041527
PCB-1242	ND		ug/L	0.500	1	04/15/09 06:56	SW846 8082	9041527
PCB-1248	ND		ug/L	0.500	1	04/15/09 06:56	SW846 8082	9041527
PCB-1254	ND		ug/L	0.500	1	04/15/09 06:56	SW846 8082	9041527
PCB-1260	ND		ug/L	0.500	1	04/15/09 06:56	SW846 8082	9041527
Surr: Tetrachloro-meta-xylene (29-137%)	*74 %*					*04/15/09 06:56*	*SW846 8082*	*9041527*
Surr: Decachlorobiphenyl (10-146%)	*65 %*					*04/15/09 06:56*	*SW846 8082*	*9041527*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/10/09 14:26	SW846 8260B	9041887
Benzene	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
Bromobenzene	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
Bromochloromethane	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
Bromodichloromethane	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
Bromoform	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
Bromomethane	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
2-Butanone	ND		ug/L	50.0	1	04/10/09 14:26	SW846 8260B	9041887
sec-Butylbenzene	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
n-Butylbenzene	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
tert-Butylbenzene	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
Carbon disulfide	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
Carbon Tetrachloride	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
Chlorobenzene	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 08:00

ANALYTICAL REPORT

Sample ID: NSD0721-04 (MCA-5 - Ground Water) - cont. Sampled: 04/07/09 08:30

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Chlorodibromomethane	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
Chloroethane	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
Chloroform	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
Chloromethane	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
2-Chlorotoluene	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
4-Chlorotoluene	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/10/09 14:26	SW846 8260B	9041887
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
Dibromomethane	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
1,1-Dichloroethane	**2.52**		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
1,2-Dichloroethane	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
cis-1,2-Dichloroethene	**30400**		ug/L	1000	1000	04/14/09 00:35	SW846 8260B	9042326
1,1-Dichloroethene	**88.7**		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
trans-1,2-Dichloroethene	**682**		ug/L	10.0	10	04/12/09 11:51	SW846 8260B	9042259
1,3-Dichloropropane	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
1,2-Dichloropropane	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
2,2-Dichloropropane	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
1,1-Dichloropropene	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
Ethylbenzene	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
Hexachlorobutadiene	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
2-Hexanone	ND		ug/L	50.0	1	04/10/09 14:26	SW846 8260B	9041887
Isopropylbenzene	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
p-Isopropyltoluene	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
Methylene Chloride	ND		ug/L	5.00	1	04/10/09 14:26	SW846 8260B	9041887
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/10/09 14:26	SW846 8260B	9041887
Naphthalene	ND		ug/L	5.00	1	04/10/09 14:26	SW846 8260B	9041887
n-Propylbenzene	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
Styrene	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
Tetrachloroethene	**64.9**		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
Toluene	**5.17**		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0721-04 (MCA-5 - Ground Water) - cont. Sampled: 04/07/09 08:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Trichloroethene	**55500**		ug/L	1000	1000	04/14/09 00:35	SW846 8260B	9042326
Trichlorofluoromethane	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/10/09 14:26	SW846 8260B	9041887
Vinyl chloride	**2860**		ug/L	100	100	04/12/09 12:16	SW846 8260B	9042259
Xylenes, total	ND		ug/L	3.00	1	04/10/09 14:26	SW846 8260B	9041887
Surr: 1,2-Dichloroethane-d4 (60-140%)	*93 %*					*04/10/09 14:26*	*SW846 8260B*	*9041887*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*100 %*					*04/12/09 11:51*	*SW846 8260B*	*9042259*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*99 %*					*04/12/09 12:16*	*SW846 8260B*	*9042259*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*100 %*					*04/14/09 00:35*	*SW846 8260B*	*9042326*
Surr: Dibromofluoromethane (75-124%)	*100 %*					*04/10/09 14:26*	*SW846 8260B*	*9041887*
Surr: Dibromofluoromethane (75-124%)	*93 %*					*04/12/09 11:51*	*SW846 8260B*	*9042259*
Surr: Dibromofluoromethane (75-124%)	*98 %*					*04/12/09 12:16*	*SW846 8260B*	*9042259*
Surr: Dibromofluoromethane (75-124%)	*97 %*					*04/14/09 00:35*	*SW846 8260B*	*9042326*
Surr: Toluene-d8 (78-121%)	*96 %*					*04/10/09 14:26*	*SW846 8260B*	*9041887*
Surr: Toluene-d8 (78-121%)	*102 %*					*04/12/09 11:51*	*SW846 8260B*	*9042259*
Surr: Toluene-d8 (78-121%)	*103 %*					*04/12/09 12:16*	*SW846 8260B*	*9042259*
Surr: Toluene-d8 (78-121%)	*103 %*					*04/14/09 00:35*	*SW846 8260B*	*9042326*
Surr: 4-Bromofluorobenzene (79-124%)	*90 %*					*04/10/09 14:26*	*SW846 8260B*	*9041887*
Surr: 4-Bromofluorobenzene (79-124%)	*107 %*					*04/12/09 11:51*	*SW846 8260B*	*9042259*
Surr: 4-Bromofluorobenzene (79-124%)	*107 %*					*04/12/09 12:16*	*SW846 8260B*	*9042259*
Surr: 4-Bromofluorobenzene (79-124%)	*106 %*					*04/14/09 00:35*	*SW846 8260B*	*9042326*
Sample ID: NSD0721-05 (M&A-104 - Ground Water) Sampled: 04/07/09 11:45								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/15/09 07:17	SW846 8082	9041527
PCB-1221	ND		ug/L	0.500	1	04/15/09 07:17	SW846 8082	9041527
PCB-1232	ND		ug/L	0.500	1	04/15/09 07:17	SW846 8082	9041527
PCB-1242	ND		ug/L	0.500	1	04/15/09 07:17	SW846 8082	9041527
PCB-1248	ND		ug/L	0.500	1	04/15/09 07:17	SW846 8082	9041527
PCB-1254	ND		ug/L	0.500	1	04/15/09 07:17	SW846 8082	9041527
PCB-1260	ND		ug/L	0.500	1	04/15/09 07:17	SW846 8082	9041527
Surr: Tetrachloro-meta-xylene (29-137%)	*71 %*					*04/15/09 07:17*	*SW846 8082*	*9041527*
Surr: Decachlorobiphenyl (10-146%)	*69 %*					*04/15/09 07:17*	*SW846 8082*	*9041527*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/10/09 14:55	SW846 8260B	9041887
Benzene	**1.81**		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
Bromobenzene	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
Bromochloromethane	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
Bromodichloromethane	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
Bromoform	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
Bromomethane	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
2-Butanone	ND		ug/L	50.0	1	04/10/09 14:55	SW846 8260B	9041887

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0721-05 (M&A-104 - Ground Water) - cont. Sampled: 04/07/09 11:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
sec-Butylbenzene	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
n-Butylbenzene	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
tert-Butylbenzene	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
Carbon disulfide	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
Carbon Tetrachloride	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
Chlorobenzene	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
Chlorodibromomethane	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
Chloroethane	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
Chloroform	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
Chloromethane	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
2-Chlorotoluene	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
4-Chlorotoluene	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/10/09 14:55	SW846 8260B	9041887
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
Dibromomethane	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
1,2-Dichlorobenzene	**1.28**		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
1,1-Dichloroethane	**11.9**		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
1,2-Dichloroethane	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
cis-1,2-Dichloroethene	**45800**		ug/L	5000	5000	04/14/09 01:00	SW846 8260B	9042326
1,1-Dichloroethene	**161**		ug/L	10.0	10	04/12/09 12:41	SW846 8260B	9042259
trans-1,2-Dichloroethene	**420**		ug/L	10.0	10	04/12/09 12:41	SW846 8260B	9042259
1,3-Dichloropropane	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
1,2-Dichloropropane	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
2,2-Dichloropropane	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
1,1-Dichloropropene	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
Ethylbenzene	**5.28**		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
Hexachlorobutadiene	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
2-Hexanone	ND		ug/L	50.0	1	04/10/09 14:55	SW846 8260B	9041887
Isopropylbenzene	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
p-Isopropyltoluene	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
Methylene Chloride	**6.91**		ug/L	5.00	1	04/10/09 14:55	SW846 8260B	9041887
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/10/09 14:55	SW846 8260B	9041887
Naphthalene	ND		ug/L	5.00	1	04/10/09 14:55	SW846 8260B	9041887
n-Propylbenzene	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
Styrene	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0721-05 (M&A-104 - Ground Water) - cont. Sampled: 04/07/09 11:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Tetrachloroethene	**1160**		ug/L	10.0	10	04/12/09 12:41	SW846 8260B	9042259
Toluene	**73.4**		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
Trichloroethene	**235000**		ug/L	5000	5000	04/14/09 01:00	SW846 8260B	9042326
Trichlorofluoromethane	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/10/09 14:55	SW846 8260B	9041887
Vinyl chloride	**2480**		ug/L	100	100	04/12/09 13:06	SW846 8260B	9042259
Xylenes, total	**11.0**		ug/L	3.00	1	04/10/09 14:55	SW846 8260B	9041887
Surr: 1,2-Dichloroethane-d4 (60-140%)	*91 %*					*04/10/09 14:55*	*SW846 8260B*	*9041887*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*101 %*					*04/12/09 12:41*	*SW846 8260B*	*9042259*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*99 %*					*04/12/09 13:06*	*SW846 8260B*	*9042259*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*101 %*					*04/14/09 01:00*	*SW846 8260B*	*9042326*
Surr: Dibromofluoromethane (75-124%)	*94 %*					*04/10/09 14:55*	*SW846 8260B*	*9041887*
Surr: Dibromofluoromethane (75-124%)	*89 %*					*04/12/09 12:41*	*SW846 8260B*	*9042259*
Surr: Dibromofluoromethane (75-124%)	*97 %*					*04/12/09 13:06*	*SW846 8260B*	*9042259*
Surr: Dibromofluoromethane (75-124%)	*96 %*					*04/14/09 01:00*	*SW846 8260B*	*9042326*
Surr: Toluene-d8 (78-121%)	*89 %*					*04/10/09 14:55*	*SW846 8260B*	*9041887*
Surr: Toluene-d8 (78-121%)	*101 %*					*04/12/09 12:41*	*SW846 8260B*	*9042259*
Surr: Toluene-d8 (78-121%)	*103 %*					*04/12/09 13:06*	*SW846 8260B*	*9042259*
Surr: Toluene-d8 (78-121%)	*103 %*					*04/14/09 01:00*	*SW846 8260B*	*9042326*
Surr: 4-Bromofluorobenzene (79-124%)	*90 %*					*04/10/09 14:55*	*SW846 8260B*	*9041887*
Surr: 4-Bromofluorobenzene (79-124%)	*107 %*					*04/12/09 12:41*	*SW846 8260B*	*9042259*
Surr: 4-Bromofluorobenzene (79-124%)	*106 %*					*04/12/09 13:06*	*SW846 8260B*	*9042259*
Surr: 4-Bromofluorobenzene (79-124%)	*106 %*					*04/14/09 01:00*	*SW846 8260B*	*9042326*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0721-06 (M&A-110 - Ground Water) Sampled: 04/07/09 10:15								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/15/09 07:37	SW846 8082	9041527
PCB-1221	ND		ug/L	0.500	1	04/15/09 07:37	SW846 8082	9041527
PCB-1232	ND		ug/L	0.500	1	04/15/09 07:37	SW846 8082	9041527
PCB-1242	ND		ug/L	0.500	1	04/15/09 07:37	SW846 8082	9041527
PCB-1248	ND		ug/L	0.500	1	04/15/09 07:37	SW846 8082	9041527
PCB-1254	ND		ug/L	0.500	1	04/15/09 07:37	SW846 8082	9041527
PCB-1260	ND		ug/L	0.500	1	04/15/09 07:37	SW846 8082	9041527
Surr: Tetrachloro-meta-xylene (29-137%)	*76 %*					*04/15/09 07:37*	*SW846 8082*	*9041527*
Surr: Decachlorobiphenyl (10-146%)	*50 %*					*04/15/09 07:37*	*SW846 8082*	*9041527*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/10/09 15:24	SW846 8260B	9041887
Benzene	**1.39**		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
Bromobenzene	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
Bromochloromethane	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
Bromodichloromethane	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
Bromoform	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
Bromomethane	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
2-Butanone	ND		ug/L	50.0	1	04/10/09 15:24	SW846 8260B	9041887
sec-Butylbenzene	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
n-Butylbenzene	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
tert-Butylbenzene	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
Carbon disulfide	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
Carbon Tetrachloride	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
Chlorobenzene	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
Chlorodibromomethane	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
Chloroethane	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
Chloroform	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
Chloromethane	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
2-Chlorotoluene	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
4-Chlorotoluene	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/10/09 15:24	SW846 8260B	9041887
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
Dibromomethane	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
1,1-Dichloroethane	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
1,2-Dichloroethane	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
cis-1,2-Dichloroethene	**82200**		ug/L	1000	1000	04/14/09 01:25	SW846 8260B	9042326
1,1-Dichloroethene	**879**		ug/L	10.0	10	04/12/09 13:31	SW846 8260B	9042259
trans-1,2-Dichloroethene	**233**		ug/L	10.0	10	04/12/09 13:31	SW846 8260B	9042259
1,3-Dichloropropane	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887

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:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0721-06 (M&A-110 - Ground Water) - cont. Sampled: 04/07/09 10:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloropropane	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
2,2-Dichloropropane	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
1,1-Dichloropropene	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
Ethylbenzene	**1.08**		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
Hexachlorobutadiene	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
2-Hexanone	ND		ug/L	50.0	1	04/10/09 15:24	SW846 8260B	9041887
Isopropylbenzene	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
p-Isopropyltoluene	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
Methylene Chloride	ND		ug/L	5.00	1	04/10/09 15:24	SW846 8260B	9041887
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/10/09 15:24	SW846 8260B	9041887
Naphthalene	ND		ug/L	5.00	1	04/10/09 15:24	SW846 8260B	9041887
n-Propylbenzene	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
Styrene	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
Tetrachloroethene	**39.8**		ug/L	10.0	10	04/12/09 13:31	SW846 8260B	9042259
Toluene	**11.9**		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
Trichloroethene	**3880**		ug/L	100	100	04/12/09 13:56	SW846 8260B	9042259
Trichlorofluoromethane	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/10/09 15:24	SW846 8260B	9041887
Vinyl chloride	**32400**		ug/L	1000	1000	04/14/09 01:25	SW846 8260B	9042326
Xylenes, total	ND		ug/L	3.00	1	04/10/09 15:24	SW846 8260B	9041887
Surr: 1,2-Dichloroethane-d4 (60-140%)	*96 %*					*04/10/09 15:24*	*SW846 8260B*	*9041887*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*103 %*					*04/12/09 13:31*	*SW846 8260B*	*9042259*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*102 %*					*04/12/09 13:56*	*SW846 8260B*	*9042259*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*101 %*					*04/14/09 01:25*	*SW846 8260B*	*9042326*
Surr: Dibromofluoromethane (75-124%)	*103 %*					*04/10/09 15:24*	*SW846 8260B*	*9041887*
Surr: Dibromofluoromethane (75-124%)	*95 %*					*04/12/09 13:31*	*SW846 8260B*	*9042259*
Surr: Dibromofluoromethane (75-124%)	*99 %*					*04/12/09 13:56*	*SW846 8260B*	*9042259*
Surr: Dibromofluoromethane (75-124%)	*98 %*					*04/14/09 01:25*	*SW846 8260B*	*9042326*
Surr: Toluene-d8 (78-121%)	*97 %*					*04/10/09 15:24*	*SW846 8260B*	*9041887*
Surr: Toluene-d8 (78-121%)	*104 %*					*04/12/09 13:31*	*SW846 8260B*	*9042259*
Surr: Toluene-d8 (78-121%)	*104 %*					*04/12/09 13:56*	*SW846 8260B*	*9042259*
Surr: Toluene-d8 (78-121%)	*103 %*					*04/14/09 01:25*	*SW846 8260B*	*9042326*
Surr: 4-Bromofluorobenzene (79-124%)	*93 %*					*04/10/09 15:24*	*SW846 8260B*	*9041887*
Surr: 4-Bromofluorobenzene (79-124%)	*107 %*					*04/12/09 13:31*	*SW846 8260B*	*9042259*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0721-06 (M&A-110 - Ground Water) - cont. Sampled: 04/07/09 10:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: 4-Bromofluorobenzene (79-124%)	*107 %*					*04/12/09 13:56*	*SW846 8260B*	*9042259*
Surr: 4-Bromofluorobenzene (79-124%)	*107 %*					*04/14/09 01:25*	*SW846 8260B*	*9042326*
Sample ID: NSD0721-07 (M&A-111 - Ground Water) Sampled: 04/07/09 09:30								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/15/09 08:38	SW846 8082	9041527
PCB-1221	ND		ug/L	0.500	1	04/15/09 08:38	SW846 8082	9041527
PCB-1232	ND		ug/L	0.500	1	04/15/09 08:38	SW846 8082	9041527
PCB-1242	ND		ug/L	0.500	1	04/15/09 08:38	SW846 8082	9041527
PCB-1248	ND		ug/L	0.500	1	04/15/09 08:38	SW846 8082	9041527
PCB-1254	ND		ug/L	0.500	1	04/15/09 08:38	SW846 8082	9041527
PCB-1260	ND		ug/L	0.500	1	04/15/09 08:38	SW846 8082	9041527
Surr: Tetrachloro-meta-xylene (29-137%)	*67 %*					*04/15/09 08:38*	*SW846 8082*	*9041527*
Surr: Decachlorobiphenyl (10-146%)	*39 %*					*04/15/09 08:38*	*SW846 8082*	*9041527*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/10/09 15:53	SW846 8260B	9041887
Benzene	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
Bromobenzene	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
Bromochloromethane	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
Bromodichloromethane	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
Bromoform	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
Bromomethane	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
2-Butanone	ND		ug/L	50.0	1	04/10/09 15:53	SW846 8260B	9041887
sec-Butylbenzene	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
n-Butylbenzene	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
tert-Butylbenzene	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
Carbon disulfide	**9.80**		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
Carbon Tetrachloride	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
Chlorobenzene	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
Chlorodibromomethane	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
Chloroethane	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
Chloroform	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
Chloromethane	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
2-Chlorotoluene	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
4-Chlorotoluene	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/10/09 15:53	SW846 8260B	9041887
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
Dibromomethane	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
1,1-Dichloroethane	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0721-07 (M&A-111 - Ground Water) - cont. Sampled: 04/07/09 09:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloroethane	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
cis-1,2-Dichloroethene	**1920**		ug/L	20.0	20	04/12/09 14:46	SW846 8260B	9042259
1,1-Dichloroethene	**5.74**		ug/L	1.00	1	04/12/09 14:20	SW846 8260B	9042259
trans-1,2-Dichloroethene	**3.79**		ug/L	1.00	1	04/12/09 14:20	SW846 8260B	9042259
1,3-Dichloropropane	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
1,2-Dichloropropane	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
2,2-Dichloropropane	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
1,1-Dichloropropene	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
Ethylbenzene	**1.37**		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
Hexachlorobutadiene	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
2-Hexanone	ND		ug/L	50.0	1	04/10/09 15:53	SW846 8260B	9041887
Isopropylbenzene	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
p-Isopropyltoluene	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
Methylene Chloride	ND		ug/L	5.00	1	04/10/09 15:53	SW846 8260B	9041887
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/10/09 15:53	SW846 8260B	9041887
Naphthalene	ND		ug/L	5.00	1	04/10/09 15:53	SW846 8260B	9041887
n-Propylbenzene	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
Styrene	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
Tetrachloroethene	**12.8**		ug/L	1.00	1	04/12/09 14:20	SW846 8260B	9042259
Toluene	**3.15**		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
Trichloroethene	**618**		ug/L	20.0	20	04/12/09 14:46	SW846 8260B	9042259
Trichlorofluoromethane	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/10/09 15:53	SW846 8260B	9041887
Vinyl chloride	**5660**		ug/L	50.0	50	04/14/09 01:50	SW846 8260B	9042326
Xylenes, total	**3.98**		ug/L	3.00	1	04/10/09 15:53	SW846 8260B	9041887
Surr: 1,2-Dichloroethane-d4 (60-140%)	*95 %*					*04/10/09 15:53*	*SW846 8260B*	*9041887*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*104 %*					*04/12/09 14:20*	*SW846 8260B*	*9042259*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*101 %*					*04/12/09 14:46*	*SW846 8260B*	*9042259*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*101 %*					*04/14/09 01:50*	*SW846 8260B*	*9042326*
Surr: Dibromofluoromethane (75-124%)	*100 %*					*04/10/09 15:53*	*SW846 8260B*	*9041887*
Surr: Dibromofluoromethane (75-124%)	*97 %*					*04/12/09 14:20*	*SW846 8260B*	*9042259*
Surr: Dibromofluoromethane (75-124%)	*97 %*					*04/12/09 14:46*	*SW846 8260B*	*9042259*
Surr: Dibromofluoromethane (75-124%)	*97 %*					*04/14/09 01:50*	*SW846 8260B*	*9042326*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0721-07 (M&A-111 - Ground Water) - cont. Sampled: 04/07/09 09:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: Toluene-d8 (78-121%)	*99 %*					*04/10/09 15:53*	*SW846 8260B*	*9041887*
Surr: Toluene-d8 (78-121%)	*102 %*					*04/12/09 14:20*	*SW846 8260B*	*9042259*
Surr: Toluene-d8 (78-121%)	*105 %*					*04/12/09 14:46*	*SW846 8260B*	*9042259*
Surr: Toluene-d8 (78-121%)	*103 %*					*04/14/09 01:50*	*SW846 8260B*	*9042326*
Surr: 4-Bromofluorobenzene (79-124%)	*92 %*					*04/10/09 15:53*	*SW846 8260B*	*9041887*
Surr: 4-Bromofluorobenzene (79-124%)	*105 %*					*04/12/09 14:20*	*SW846 8260B*	*9042259*
Surr: 4-Bromofluorobenzene (79-124%)	*107 %*					*04/12/09 14:46*	*SW846 8260B*	*9042259*
Surr: 4-Bromofluorobenzene (79-124%)	*104 %*					*04/14/09 01:50*	*SW846 8260B*	*9042326*
Sample ID: NSD0721-08 (M&A-112 - Ground Water) Sampled: 04/07/09 14:15								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/15/09 08:58	SW846 8082	9041527
PCB-1221	ND		ug/L	0.500	1	04/15/09 08:58	SW846 8082	9041527
PCB-1232	ND		ug/L	0.500	1	04/15/09 08:58	SW846 8082	9041527
PCB-1242	**1.39**		ug/L	0.500	1	04/15/09 08:58	SW846 8082	9041527
PCB-1248	ND		ug/L	0.500	1	04/15/09 08:58	SW846 8082	9041527
PCB-1254	ND		ug/L	0.500	1	04/15/09 08:58	SW846 8082	9041527
PCB-1260	ND		ug/L	0.500	1	04/15/09 08:58	SW846 8082	9041527
Surr: Tetrachloro-meta-xylene (29-137%)	*80 %*					*04/15/09 08:58*	*SW846 8082*	*9041527*
Surr: Decachlorobiphenyl (10-146%)	*61 %*					*04/15/09 08:58*	*SW846 8082*	*9041527*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/10/09 16:22	SW846 8260B	9041887
Benzene	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
Bromobenzene	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
Bromochloromethane	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
Bromodichloromethane	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
Bromoform	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
Bromomethane	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
2-Butanone	ND		ug/L	50.0	1	04/10/09 16:22	SW846 8260B	9041887
sec-Butylbenzene	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
n-Butylbenzene	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
tert-Butylbenzene	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
Carbon disulfide	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
Carbon Tetrachloride	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
Chlorobenzene	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
Chlorodibromomethane	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
Chloroethane	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
Chloroform	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
Chloromethane	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
2-Chlorotoluene	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
4-Chlorotoluene	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/10/09 16:22	SW846 8260B	9041887
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
Dibromomethane	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887

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

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0721-08 (M&A-112 - Ground Water) - cont. Sampled: 04/07/09 14:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
1,1-Dichloroethane	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
1,2-Dichloroethane	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
cis-1,2-Dichloroethene	**4910**		ug/L	100	100	04/12/09 15:36	SW846 8260B	9042259
1,1-Dichloroethene	**51.7**		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
trans-1,2-Dichloroethene	**49.3**		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
1,3-Dichloropropane	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
1,2-Dichloropropane	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
2,2-Dichloropropane	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
1,1-Dichloropropene	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
Ethylbenzene	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
Hexachlorobutadiene	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
2-Hexanone	ND		ug/L	50.0	1	04/10/09 16:22	SW846 8260B	9041887
Isopropylbenzene	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
p-Isopropyltoluene	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
Methylene Chloride	ND		ug/L	5.00	1	04/10/09 16:22	SW846 8260B	9041887
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/10/09 16:22	SW846 8260B	9041887
Naphthalene	ND		ug/L	5.00	1	04/10/09 16:22	SW846 8260B	9041887
n-Propylbenzene	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
Styrene	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
Tetrachloroethene	**87.6**		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
Toluene	**2.87**		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
Trichloroethene	**1780**		ug/L	10.0	10	04/12/09 15:11	SW846 8260B	9042259
Trichlorofluoromethane	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/10/09 16:22	SW846 8260B	9041887
Vinyl chloride	**399**		ug/L	10.0	10	04/12/09 15:11	SW846 8260B	9042259
Xylenes, total	ND		ug/L	3.00	1	04/10/09 16:22	SW846 8260B	9041887
Surr: 1,2-Dichloroethane-d4 (60-140%)	*95 %*					*04/10/09 16:22*	*SW846 8260B*	*9041887*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*102 %*					*04/12/09 15:11*	*SW846 8260B*	*9042259*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0721-08 (M&A-112 - Ground Water) - cont. Sampled: 04/07/09 14:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: 1,2-Dichloroethane-d4 (60-140%)	*101 %*					*04/12/09 15:36*	*SW846 8260B*	*9042259*
Surr: Dibromofluoromethane (75-124%)	*103 %*					*04/10/09 16:22*	*SW846 8260B*	*9041887*
Surr: Dibromofluoromethane (75-124%)	*99 %*					*04/12/09 15:11*	*SW846 8260B*	*9042259*
Surr: Dibromofluoromethane (75-124%)	*98 %*					*04/12/09 15:36*	*SW846 8260B*	*9042259*
Surr: Toluene-d8 (78-121%)	*96 %*					*04/10/09 16:22*	*SW846 8260B*	*9041887*
Surr: Toluene-d8 (78-121%)	*104 %*					*04/12/09 15:11*	*SW846 8260B*	*9042259*
Surr: Toluene-d8 (78-121%)	*103 %*					*04/12/09 15:36*	*SW846 8260B*	*9042259*
Surr: 4-Bromofluorobenzene (79-124%)	*94 %*					*04/10/09 16:22*	*SW846 8260B*	*9041887*
Surr: 4-Bromofluorobenzene (79-124%)	*108 %*					*04/12/09 15:11*	*SW846 8260B*	*9042259*
Surr: 4-Bromofluorobenzene (79-124%)	*105 %*					*04/12/09 15:36*	*SW846 8260B*	*9042259*
Sample ID: NSD0721-09 (M&A-114 - Oil) Sampled: 04/07/09 14:00								
Polychlorinated Biphenyls in Oil by EPA Method 8082								
PCB-1016	ND		mg/kg	0.131	4	04/14/09 06:44	SW846 8082	9041517
PCB-1221	ND		mg/kg	0.131	4	04/14/09 06:44	SW846 8082	9041517
PCB-1232	ND		mg/kg	0.131	4	04/14/09 06:44	SW846 8082	9041517
PCB-1242	**28.8**		mg/kg	0.131	4	04/14/09 06:44	SW846 8082	9041517
PCB-1248	ND		mg/kg	0.131	4	04/14/09 06:44	SW846 8082	9041517
PCB-1254	ND		mg/kg	0.131	4	04/14/09 06:44	SW846 8082	9041517
PCB-1260	ND		mg/kg	0.131	4	04/14/09 06:44	SW846 8082	9041517
Surr: Tetrachloro-meta-xylene (15-150%)	*72 %*					*04/14/09 06:44*	*SW846 8082*	*9041517*
Surr: Decachlorobiphenyl (10-146%)	*64 %*					*04/14/09 06:44*	*SW846 8082*	*9041517*
Sample ID: NSD0721-10 (M&A-116 - Water) Sampled: 04/06/09 13:00								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/12/09 16:01	SW846 8260B	9042259
Benzene	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
Bromobenzene	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
Bromochloromethane	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
Bromodichloromethane	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
Bromoform	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
Bromomethane	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
2-Butanone	ND		ug/L	50.0	1	04/12/09 16:01	SW846 8260B	9042259
sec-Butylbenzene	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
n-Butylbenzene	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
tert-Butylbenzene	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
Carbon disulfide	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
Carbon Tetrachloride	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
Chlorobenzene	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
Chlorodibromomethane	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
Chloroethane	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
Chloroform	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
Chloromethane	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
2-Chlorotoluene	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0721-10 (M&A-116 - Water) - cont. Sampled: 04/06/09 13:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
4-Chlorotoluene	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/12/09 16:01	SW846 8260B	9042259
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
Dibromomethane	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
1,1-Dichloroethane	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
1,2-Dichloroethane	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
cis-1,2-Dichloroethene	**19.8**		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
1,1-Dichloroethene	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
trans-1,2-Dichloroethene	**2.26**		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
1,3-Dichloropropane	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
1,2-Dichloropropane	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
2,2-Dichloropropane	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
1,1-Dichloropropene	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
Ethylbenzene	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
Hexachlorobutadiene	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
2-Hexanone	ND		ug/L	50.0	1	04/12/09 16:01	SW846 8260B	9042259
Isopropylbenzene	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
p-Isopropyltoluene	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
Methylene Chloride	ND		ug/L	5.00	1	04/12/09 16:01	SW846 8260B	9042259
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/12/09 16:01	SW846 8260B	9042259
Naphthalene	ND		ug/L	5.00	1	04/12/09 16:01	SW846 8260B	9042259
n-Propylbenzene	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
Styrene	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
Tetrachloroethene	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
Toluene	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
Trichloroethene	**17.9**		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
Trichlorofluoromethane	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0721-10 (M&A-116 - Water) - cont. Sampled: 04/06/09 13:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Vinyl chloride	ND		ug/L	1.00	1	04/12/09 16:01	SW846 8260B	9042259
Xylenes, total	ND		ug/L	3.00	1	04/12/09 16:01	SW846 8260B	9042259
Surr: 1,2-Dichloroethane-d4 (60-140%)	*101 %*					*04/12/09 16:01*	*SW846 8260B*	*9042259*
Surr: Dibromofluoromethane (75-124%)	*96 %*					*04/12/09 16:01*	*SW846 8260B*	*9042259*
Surr: Toluene-d8 (78-121%)	*103 %*					*04/12/09 16:01*	*SW846 8260B*	*9042259*
Surr: 4-Bromofluorobenzene (79-124%)	*106 %*					*04/12/09 16:01*	*SW846 8260B*	*9042259*
Sample ID: NSD0721-11 (M&A-113 - Ground Water) Sampled: 04/07/09 13:00								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/15/09 09:19	SW846 8082	9041527
PCB-1221	ND		ug/L	0.500	1	04/15/09 09:19	SW846 8082	9041527
PCB-1232	ND		ug/L	0.500	1	04/15/09 09:19	SW846 8082	9041527
PCB-1242	**2.96**		ug/L	0.500	1	04/15/09 09:19	SW846 8082	9041527
PCB-1248	ND		ug/L	0.500	1	04/15/09 09:19	SW846 8082	9041527
PCB-1254	ND		ug/L	0.500	1	04/15/09 09:19	SW846 8082	9041527
PCB-1260	ND		ug/L	0.500	1	04/15/09 09:19	SW846 8082	9041527
Surr: Tetrachloro-meta-xylene (29-137%)	*72 %*					*04/15/09 09:19*	*SW846 8082*	*9041527*
Surr: Decachlorobiphenyl (10-146%)	*66 %*					*04/15/09 09:19*	*SW846 8082*	*9041527*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/12/09 16:26	SW846 8260B	9042259
Benzene	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
Bromobenzene	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
Bromochloromethane	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
Bromodichloromethane	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
Bromoform	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
Bromomethane	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
2-Butanone	ND		ug/L	50.0	1	04/12/09 16:26	SW846 8260B	9042259
sec-Butylbenzene	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
n-Butylbenzene	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
tert-Butylbenzene	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
Carbon disulfide	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
Carbon Tetrachloride	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
Chlorobenzene	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
Chlorodibromomethane	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
Chloroethane	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
Chloroform	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
Chloromethane	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
2-Chlorotoluene	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
4-Chlorotoluene	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/12/09 16:26	SW846 8260B	9042259
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
Dibromomethane	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259

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

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0721-11 (M&A-113 - Ground Water) - cont. Sampled: 04/07/09 13:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
1,2-Dichlorobenzene	**1.51**		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
1,1-Dichloroethane	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
1,2-Dichloroethane	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
cis-1,2-Dichloroethene	**4030**		ug/L	500	500	04/14/09 02:15	SW846 8260B	9042326
1,1-Dichloroethene	**70.0**		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
trans-1,2-Dichloroethene	**67.7**		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
1,3-Dichloropropane	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
1,2-Dichloropropane	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
2,2-Dichloropropane	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
1,1-Dichloropropene	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
Ethylbenzene	**8.80**		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
Hexachlorobutadiene	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
2-Hexanone	ND		ug/L	50.0	1	04/12/09 16:26	SW846 8260B	9042259
Isopropylbenzene	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
p-Isopropyltoluene	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
Methylene Chloride	ND		ug/L	5.00	1	04/12/09 16:26	SW846 8260B	9042259
4-Methyl-2-pentanone	**10.1**		ug/L	10.0	1	04/12/09 16:26	SW846 8260B	9042259
Naphthalene	ND		ug/L	5.00	1	04/12/09 16:26	SW846 8260B	9042259
n-Propylbenzene	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
Styrene	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
Tetrachloroethene	**1460**		ug/L	500	500	04/14/09 02:15	SW846 8260B	9042326
Toluene	**122**		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
Trichloroethene	**337000**		ug/L	5000	5000	04/14/09 02:40	SW846 8260B	9042326
Trichlorofluoromethane	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
1,3,5-Trimethylbenzene	**1.59**		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
1,2,4-Trimethylbenzene	**5.39**		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
Vinyl chloride	**51.0**		ug/L	1.00	1	04/12/09 16:26	SW846 8260B	9042259
Xylenes, total	**37.4**		ug/L	3.00	1	04/12/09 16:26	SW846 8260B	9042259
Surr: 1,2-Dichloroethane-d4 (60-140%)	*104 %*					*04/12/09 16:26*	*SW846 8260B*	*9042259*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*101 %*					*04/14/09 02:15*	*SW846 8260B*	*9042326*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*101 %*					*04/14/09 02:40*	*SW846 8260B*	*9042326*
Surr: Dibromofluoromethane (75-124%)	*86 %*					*04/12/09 16:26*	*SW846 8260B*	*9042259*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0721-11 (M&A-113 - Ground Water) - cont. Sampled: 04/07/09 13:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: Dibromofluoromethane (75-124%)	*95 %*					*04/14/09 02:15*	*SW846 8260B*	*9042326*
Surr: Dibromofluoromethane (75-124%)	*96 %*					*04/14/09 02:40*	*SW846 8260B*	*9042326*
Surr: Toluene-d8 (78-121%)	*98 %*					*04/12/09 16:26*	*SW846 8260B*	*9042259*
Surr: Toluene-d8 (78-121%)	*103 %*					*04/14/09 02:15*	*SW846 8260B*	*9042326*
Surr: Toluene-d8 (78-121%)	*104 %*					*04/14/09 02:40*	*SW846 8260B*	*9042326*
Surr: 4-Bromofluorobenzene (79-124%)	*104 %*					*04/12/09 16:26*	*SW846 8260B*	*9042259*
Surr: 4-Bromofluorobenzene (79-124%)	*107 %*					*04/14/09 02:15*	*SW846 8260B*	*9042326*
Surr: 4-Bromofluorobenzene (79-124%)	*107 %*					*04/14/09 02:40*	*SW846 8260B*	*9042326*
Sample ID: NSD0721-12 (M&A-113 - Oil) Sampled: 04/07/09 13:30								
Polychlorinated Biphenyls in Oil by EPA Method 8082								
PCB-1016	ND		mg/kg	1.33	40	04/14/09 17:21	SW846 8082	9041517
PCB-1221	ND		mg/kg	1.33	40	04/14/09 17:21	SW846 8082	9041517
PCB-1232	ND		mg/kg	1.33	40	04/14/09 17:21	SW846 8082	9041517
PCB-1242	**38.4**		mg/kg	1.33	40	04/14/09 17:21	SW846 8082	9041517
PCB-1248	ND		mg/kg	1.33	40	04/14/09 17:21	SW846 8082	9041517
PCB-1254	ND		mg/kg	1.33	40	04/14/09 17:21	SW846 8082	9041517
PCB-1260	ND		mg/kg	1.33	40	04/14/09 17:21	SW846 8082	9041517
Surr: Tetrachloro-meta-xylene (15-150%)	*80 %*					*04/14/09 17:21*	*SW846 8082*	*9041517*
Surr: Decachlorobiphenyl (10-146%)	*80 %*					*04/14/09 17:21*	*SW846 8082*	*9041517*
Sample ID: NSD0721-13 (M&A-117 - Ground Water) Sampled: 04/06/09 11:20								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/15/09 09:39	SW846 8082	9041527
PCB-1221	ND		ug/L	0.500	1	04/15/09 09:39	SW846 8082	9041527
PCB-1232	ND		ug/L	0.500	1	04/15/09 09:39	SW846 8082	9041527
PCB-1242	ND		ug/L	0.500	1	04/15/09 09:39	SW846 8082	9041527
PCB-1248	ND		ug/L	0.500	1	04/15/09 09:39	SW846 8082	9041527
PCB-1254	ND		ug/L	0.500	1	04/15/09 09:39	SW846 8082	9041527
PCB-1260	ND		ug/L	0.500	1	04/15/09 09:39	SW846 8082	9041527
Surr: Tetrachloro-meta-xylene (29-137%)	*73 %*					*04/15/09 09:39*	*SW846 8082*	*9041527*
Surr: Decachlorobiphenyl (10-146%)	*47 %*					*04/15/09 09:39*	*SW846 8082*	*9041527*
Sample ID: NSD0721-14 (M&A-120 - Ground Water) Sampled: 04/06/09 13:45								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/15/09 10:00	SW846 8082	9041527
PCB-1221	ND		ug/L	0.500	1	04/15/09 10:00	SW846 8082	9041527
PCB-1232	ND		ug/L	0.500	1	04/15/09 10:00	SW846 8082	9041527
PCB-1242	ND		ug/L	0.500	1	04/15/09 10:00	SW846 8082	9041527
PCB-1248	ND		ug/L	0.500	1	04/15/09 10:00	SW846 8082	9041527
PCB-1254	ND		ug/L	0.500	1	04/15/09 10:00	SW846 8082	9041527
PCB-1260	ND		ug/L	0.500	1	04/15/09 10:00	SW846 8082	9041527
Surr: Tetrachloro-meta-xylene (29-137%)	*70 %*					*04/15/09 10:00*	*SW846 8082*	*9041527*
Surr: Decachlorobiphenyl (10-146%)	*75 %*					*04/15/09 10:00*	*SW846 8082*	*9041527*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0721-14 (M&A-120 - Ground Water) - cont. Sampled: 04/06/09 13:45								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/12/09 21:26	SW846 8260B	9042260
Benzene	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
Bromobenzene	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
Bromochloromethane	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
Bromodichloromethane	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
Bromoform	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
Bromomethane	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
2-Butanone	ND		ug/L	50.0	1	04/12/09 21:26	SW846 8260B	9042260
sec-Butylbenzene	ND	L	ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
n-Butylbenzene	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
tert-Butylbenzene	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
Carbon disulfide	ND	L	ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
Carbon Tetrachloride	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
Chlorobenzene	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
Chlorodibromomethane	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
Chloroethane	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
Chloroform	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
Chloromethane	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
2-Chlorotoluene	ND	L	ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
4-Chlorotoluene	ND	L	ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/12/09 21:26	SW846 8260B	9042260
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
Dibromomethane	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
1,1-Dichloroethane	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
1,2-Dichloroethane	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
cis-1,2-Dichloroethene	193		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
1,1-Dichloroethene	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
trans-1,2-Dichloroethene	27.6		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
1,3-Dichloropropane	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
1,2-Dichloropropane	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
2,2-Dichloropropane	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
1,1-Dichloropropene	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
Ethylbenzene	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
Hexachlorobutadiene	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
2-Hexanone	ND		ug/L	50.0	1	04/12/09 21:26	SW846 8260B	9042260
Isopropylbenzene	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
p-Isopropyltoluene	ND	L	ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0721-14 (M&A-120 - Ground Water) - cont. Sampled: 04/06/09 13:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
Methylene Chloride	ND		ug/L	5.00	1	04/12/09 21:26	SW846 8260B	9042260
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/12/09 21:26	SW846 8260B	9042260
Naphthalene	ND		ug/L	5.00	1	04/12/09 21:26	SW846 8260B	9042260
n-Propylbenzene	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
Styrene	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
Tetrachloroethene	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
Toluene	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
Trichloroethene	**16.9**		ug/L	1.00	1	04/13/09 22:05	SW846 8260B	9042326
Trichlorofluoromethane	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
1,3,5-Trimethylbenzene	ND	L	ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
1,2,4-Trimethylbenzene	ND	L	ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
Vinyl chloride	**6.71**		ug/L	1.00	1	04/12/09 21:26	SW846 8260B	9042260
Xylenes, total	ND		ug/L	3.00	1	04/12/09 21:26	SW846 8260B	9042260
Surr: 1,2-Dichloroethane-d4 (60-140%)	*102 %*					*04/12/09 21:26*	*SW846 8260B*	*9042260*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*101 %*					*04/13/09 22:05*	*SW846 8260B*	*9042326*
Surr: Dibromofluoromethane (75-124%)	*98 %*					*04/12/09 21:26*	*SW846 8260B*	*9042260*
Surr: Dibromofluoromethane (75-124%)	*97 %*					*04/13/09 22:05*	*SW846 8260B*	*9042326*
Surr: Toluene-d8 (78-121%)	*102 %*					*04/12/09 21:26*	*SW846 8260B*	*9042260*
Surr: Toluene-d8 (78-121%)	*103 %*					*04/13/09 22:05*	*SW846 8260B*	*9042326*
Surr: 4-Bromofluorobenzene (79-124%)	*106 %*					*04/12/09 21:26*	*SW846 8260B*	*9042260*
Surr: 4-Bromofluorobenzene (79-124%)	*105 %*					*04/13/09 22:05*	*SW846 8260B*	*9042326*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0721-15 (M&A-121 - Ground Water) Sampled: 04/07/09 10:50								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/15/09 10:20	SW846 8082	9041527
PCB-1221	ND		ug/L	0.500	1	04/15/09 10:20	SW846 8082	9041527
PCB-1232	ND		ug/L	0.500	1	04/15/09 10:20	SW846 8082	9041527
PCB-1242	ND		ug/L	0.500	1	04/15/09 10:20	SW846 8082	9041527
PCB-1248	ND		ug/L	0.500	1	04/15/09 10:20	SW846 8082	9041527
PCB-1254	ND		ug/L	0.500	1	04/15/09 10:20	SW846 8082	9041527
PCB-1260	ND		ug/L	0.500	1	04/15/09 10:20	SW846 8082	9041527
Surr: Tetrachloro-meta-xylene (29-137%)	*77 %*					*04/15/09 10:20*	*SW846 8082*	*9041527*
Surr: Decachlorobiphenyl (10-146%)	*50 %*					*04/15/09 10:20*	*SW846 8082*	*9041527*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/12/09 21:51	SW846 8260B	9042260
Benzene	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
Bromobenzene	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
Bromochloromethane	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
Bromodichloromethane	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
Bromoform	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
Bromomethane	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
2-Butanone	ND		ug/L	50.0	1	04/12/09 21:51	SW846 8260B	9042260
sec-Butylbenzene	ND	L	ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
n-Butylbenzene	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
tert-Butylbenzene	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
Carbon disulfide	ND	L	ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
Carbon Tetrachloride	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
Chlorobenzene	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
Chlorodibromomethane	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
Chloroethane	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
Chloroform	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
Chloromethane	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
2-Chlorotoluene	ND	L	ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
4-Chlorotoluene	ND	L	ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/12/09 21:51	SW846 8260B	9042260
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
Dibromomethane	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
1,1-Dichloroethane	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
1,2-Dichloroethane	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
1,1-Dichloroethene	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
1,3-Dichloropropane	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 08:00

ANALYTICAL REPORT

Sample ID: NSD0721-15 (M&A-121 - Ground Water) - cont. Sampled: 04/07/09 10:50

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
1,2-Dichloropropane	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
2,2-Dichloropropane	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
1,1-Dichloropropene	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
Ethylbenzene	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
Hexachlorobutadiene	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
2-Hexanone	ND		ug/L	50.0	1	04/12/09 21:51	SW846 8260B	9042260
Isopropylbenzene	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
p-Isopropyltoluene	ND	L	ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
Methylene Chloride	ND		ug/L	5.00	1	04/12/09 21:51	SW846 8260B	9042260
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/12/09 21:51	SW846 8260B	9042260
Naphthalene	ND		ug/L	5.00	1	04/12/09 21:51	SW846 8260B	9042260
n-Propylbenzene	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
Styrene	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
Tetrachloroethene	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
Toluene	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
Trichloroethene	**5.06**		ug/L	1.00	1	04/13/09 22:30	SW846 8260B	9042326
Trichlorofluoromethane	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
1,3,5-Trimethylbenzene	ND	L	ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
1,2,4-Trimethylbenzene	ND	L	ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
Vinyl chloride	ND		ug/L	1.00	1	04/12/09 21:51	SW846 8260B	9042260
Xylenes, total	ND		ug/L	3.00	1	04/12/09 21:51	SW846 8260B	9042260
Surr: 1,2-Dichloroethane-d4 (60-140%)	*100 %*					*04/12/09 21:51*	*SW846 8260B*	*9042260*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*101 %*					*04/13/09 22:30*	*SW846 8260B*	*9042326*
Surr: Dibromofluoromethane (75-124%)	*96 %*					*04/12/09 21:51*	*SW846 8260B*	*9042260*
Surr: Dibromofluoromethane (75-124%)	*97 %*					*04/13/09 22:30*	*SW846 8260B*	*9042326*
Surr: Toluene-d8 (78-121%)	*104 %*					*04/12/09 21:51*	*SW846 8260B*	*9042260*
Surr: Toluene-d8 (78-121%)	*103 %*					*04/13/09 22:30*	*SW846 8260B*	*9042326*
Surr: 4-Bromofluorobenzene (79-124%)	*106 %*					*04/12/09 21:51*	*SW846 8260B*	*9042260*
Surr: 4-Bromofluorobenzene (79-124%)	*105 %*					*04/13/09 22:30*	*SW846 8260B*	*9042326*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0721-16 (M&A-126 - Ground Water) Sampled: 04/07/09 13:00								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/15/09 10:40	SW846 8082	9041527
PCB-1221	ND		ug/L	0.500	1	04/15/09 10:40	SW846 8082	9041527
PCB-1232	ND		ug/L	0.500	1	04/15/09 10:40	SW846 8082	9041527
PCB-1242	ND		ug/L	0.500	1	04/15/09 10:40	SW846 8082	9041527
PCB-1248	ND		ug/L	0.500	1	04/15/09 10:40	SW846 8082	9041527
PCB-1254	ND		ug/L	0.500	1	04/15/09 10:40	SW846 8082	9041527
PCB-1260	ND		ug/L	0.500	1	04/15/09 10:40	SW846 8082	9041527
Surr: Tetrachloro-meta-xylene (29-137%)	*73 %*					*04/15/09 10:40*	*SW846 8082*	*9041527*
Surr: Decachlorobiphenyl (10-146%)	*50 %*					*04/15/09 10:40*	*SW846 8082*	*9041527*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/12/09 22:16	SW846 8260B	9042260
Benzene	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
Bromobenzene	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
Bromochloromethane	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
Bromodichloromethane	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
Bromoform	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
Bromomethane	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
2-Butanone	ND		ug/L	50.0	1	04/12/09 22:16	SW846 8260B	9042260
sec-Butylbenzene	ND	L	ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
n-Butylbenzene	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
tert-Butylbenzene	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
Carbon disulfide	ND	L	ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
Carbon Tetrachloride	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
Chlorobenzene	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
Chlorodibromomethane	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
Chloroethane	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
Chloroform	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
Chloromethane	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
2-Chlorotoluene	ND	L	ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
4-Chlorotoluene	ND	L	ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/12/09 22:16	SW846 8260B	9042260
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
Dibromomethane	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
1,1-Dichloroethane	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
1,2-Dichloroethane	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
1,1-Dichloroethene	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
1,3-Dichloropropane	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 08:00

ANALYTICAL REPORT

Sample ID: NSD0721-16 (M&A-126 - Ground Water) - cont. Sampled: 04/07/09 13:00

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
1,2-Dichloropropane	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
2,2-Dichloropropane	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
1,1-Dichloropropene	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
Ethylbenzene	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
Hexachlorobutadiene	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
2-Hexanone	ND		ug/L	50.0	1	04/12/09 22:16	SW846 8260B	9042260
Isopropylbenzene	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
p-Isopropyltoluene	ND	L	ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
Methylene Chloride	ND		ug/L	5.00	1	04/12/09 22:16	SW846 8260B	9042260
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/12/09 22:16	SW846 8260B	9042260
Naphthalene	ND		ug/L	5.00	1	04/12/09 22:16	SW846 8260B	9042260
n-Propylbenzene	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
Styrene	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
Tetrachloroethene	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
Toluene	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
Trichloroethene	ND		ug/L	1.00	1	04/13/09 22:55	SW846 8260B	9042326
Trichlorofluoromethane	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
1,3,5-Trimethylbenzene	ND	L	ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
1,2,4-Trimethylbenzene	ND	L	ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
Vinyl chloride	ND		ug/L	1.00	1	04/12/09 22:16	SW846 8260B	9042260
Xylenes, total	ND		ug/L	3.00	1	04/12/09 22:16	SW846 8260B	9042260
Surr: 1,2-Dichloroethane-d4 (60-140%)	*100 %*					*04/12/09 22:16*	*SW846 8260B*	*9042260*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*100 %*					*04/13/09 22:55*	*SW846 8260B*	*9042326*
Surr: Dibromofluoromethane (75-124%)	*96 %*					*04/12/09 22:16*	*SW846 8260B*	*9042260*
Surr: Dibromofluoromethane (75-124%)	*97 %*					*04/13/09 22:55*	*SW846 8260B*	*9042326*
Surr: Toluene-d8 (78-121%)	*102 %*					*04/12/09 22:16*	*SW846 8260B*	*9042260*
Surr: Toluene-d8 (78-121%)	*103 %*					*04/13/09 22:55*	*SW846 8260B*	*9042326*
Surr: 4-Bromofluorobenzene (79-124%)	*107 %*					*04/12/09 22:16*	*SW846 8260B*	*9042260*
Surr: 4-Bromofluorobenzene (79-124%)	*107 %*					*04/13/09 22:55*	*SW846 8260B*	*9042326*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0721-17 (M&A-133 - Water) Sampled: 04/07/09 09:30								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/15/09 11:01	SW846 8082	9041527
PCB-1221	ND		ug/L	0.500	1	04/15/09 11:01	SW846 8082	9041527
PCB-1232	ND		ug/L	0.500	1	04/15/09 11:01	SW846 8082	9041527
PCB-1242	ND		ug/L	0.500	1	04/15/09 11:01	SW846 8082	9041527
PCB-1248	ND		ug/L	0.500	1	04/15/09 11:01	SW846 8082	9041527
PCB-1254	ND		ug/L	0.500	1	04/15/09 11:01	SW846 8082	9041527
PCB-1260	ND		ug/L	0.500	1	04/15/09 11:01	SW846 8082	9041527
Surr: Tetrachloro-meta-xylene (29-137%)	*70 %*					*04/15/09 11:01*	*SW846 8082*	*9041527*
Surr: Decachlorobiphenyl (10-146%)	*62 %*					*04/15/09 11:01*	*SW846 8082*	*9041527*
Sample ID: NSD0721-18 (Trip Blank - Ground Water) Sampled: 04/06/09 00:01								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/10/09 12:58	SW846 8260B	9041887
Benzene	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
Bromobenzene	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
Bromochloromethane	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
Bromodichloromethane	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
Bromoform	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
Bromomethane	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
2-Butanone	ND		ug/L	50.0	1	04/10/09 12:58	SW846 8260B	9041887
sec-Butylbenzene	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
n-Butylbenzene	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
tert-Butylbenzene	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
Carbon disulfide	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
Carbon Tetrachloride	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
Chlorobenzene	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
Chlorodibromomethane	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
Chloroethane	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
Chloroform	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
Chloromethane	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
2-Chlorotoluene	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
4-Chlorotoluene	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/10/09 12:58	SW846 8260B	9041887
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
Dibromomethane	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
1,1-Dichloroethane	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
1,2-Dichloroethane	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
1,1-Dichloroethene	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0721-18 (Trip Blank - Ground Water) - cont. Sampled: 04/06/09 00:01								
Volatile Organic Compounds by EPA Method 8260B - cont.								
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
1,3-Dichloropropane	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
1,2-Dichloropropane	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
2,2-Dichloropropane	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
1,1-Dichloropropene	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
Ethylbenzene	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
Hexachlorobutadiene	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
2-Hexanone	ND		ug/L	50.0	1	04/10/09 12:58	SW846 8260B	9041887
Isopropylbenzene	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
p-Isopropyltoluene	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
Methylene Chloride	ND		ug/L	5.00	1	04/10/09 12:58	SW846 8260B	9041887
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/10/09 12:58	SW846 8260B	9041887
Naphthalene	ND		ug/L	5.00	1	04/10/09 12:58	SW846 8260B	9041887
n-Propylbenzene	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
Styrene	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
Tetrachloroethene	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
Toluene	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
Trichloroethene	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
Trichlorofluoromethane	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
Vinyl chloride	ND		ug/L	1.00	1	04/10/09 12:58	SW846 8260B	9041887
Xylenes, total	ND		ug/L	3.00	1	04/10/09 12:58	SW846 8260B	9041887
Surr: 1,2-Dichloroethane-d4 (60-140%)	*97 %*					*04/10/09 12:58*	*SW846 8260B*	*9041887*
Surr: Dibromofluoromethane (75-124%)	*99 %*					*04/10/09 12:58*	*SW846 8260B*	*9041887*
Surr: Toluene-d8 (78-121%)	*100 %*					*04/10/09 12:58*	*SW846 8260B*	*9041887*
Surr: 4-Bromofluorobenzene (79-124%)	*93 %*					*04/10/09 12:58*	*SW846 8260B*	*9041887*

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:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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	9041527	NSD0721-01	500.00	2.00	04/11/09 11:15	MAH	EPA 3510C
SW846 8082	9041527	NSD0721-02	500.00	2.00	04/11/09 11:15	MAH	EPA 3510C
SW846 8082	9041527	NSD0721-03	500.00	2.00	04/11/09 11:15	MAH	EPA 3510C
SW846 8082	9041527	NSD0721-04	500.00	2.00	04/11/09 11:15	MAH	EPA 3510C
SW846 8082	9041527	NSD0721-05	500.00	2.00	04/11/09 11:15	MAH	EPA 3510C
SW846 8082	9041527	NSD0721-06	500.00	2.00	04/11/09 11:15	MAH	EPA 3510C
SW846 8082	9041527	NSD0721-07	500.00	2.00	04/11/09 11:15	MAH	EPA 3510C
SW846 8082	9041527	NSD0721-08	500.00	2.00	04/11/09 11:15	MAH	EPA 3510C
SW846 8082	9041527	NSD0721-11	500.00	2.00	04/11/09 11:15	MAH	EPA 3510C
SW846 8082	9041527	NSD0721-13	500.00	2.00	04/11/09 11:15	MAH	EPA 3510C
SW846 8082	9041527	NSD0721-14	500.00	2.00	04/11/09 11:15	MAH	EPA 3510C
SW846 8082	9041527	NSD0721-15	500.00	2.00	04/11/09 11:15	MAH	EPA 3510C
SW846 8082	9041527	NSD0721-16	500.00	2.00	04/11/09 11:15	MAH	EPA 3510C
SW846 8082	9041527	NSD0721-17	500.00	2.00	04/11/09 11:15	MAH	EPA 3510C
Polychlorinated Biphenyls in Oil by EPA Method 8082							
SW846 8082	9041517	NSD0721-09	1.02	10.00	04/13/09 10:00	MFP	EPA 3580A
SW846 8082	9041517	NSD0721-12	1.00	10.00	04/13/09 10:00	MFP	EPA 3580A
SW846 8082	9041517	NSD0721-12RE1	1.00	10.00	04/13/09 10:00	MFP	EPA 3580A

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:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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						
9041527-BLK1						
PCB-1016	<0.250		ug/L	9041527	9041527-BLK1	04/15/09 02:31
PCB-1221	<0.450		ug/L	9041527	9041527-BLK1	04/15/09 02:31
PCB-1232	<0.440		ug/L	9041527	9041527-BLK1	04/15/09 02:31
PCB-1242	<0.330		ug/L	9041527	9041527-BLK1	04/15/09 02:31
PCB-1248	<0.450		ug/L	9041527	9041527-BLK1	04/15/09 02:31
PCB-1254	<0.460		ug/L	9041527	9041527-BLK1	04/15/09 02:31
PCB-1260	<0.220		ug/L	9041527	9041527-BLK1	04/15/09 02:31
Surrogate: Tetrachloro-meta-xylene	80%			9041527	9041527-BLK1	04/15/09 02:31
Surrogate: Decachlorobiphenyl	75%			9041527	9041527-BLK1	04/15/09 02:31
Polychlorinated Biphenyls in Oil by EPA Method 8082						
9041517-BLK1						
PCB-1016	<0.0190		mg/kg	9041517	9041517-BLK1	04/14/09 06:03
PCB-1221	<0.0110		mg/kg	9041517	9041517-BLK1	04/14/09 06:03
PCB-1232	<0.0200		mg/kg	9041517	9041517-BLK1	04/14/09 06:03
PCB-1242	<0.0140		mg/kg	9041517	9041517-BLK1	04/14/09 06:03
PCB-1248	<0.0110		mg/kg	9041517	9041517-BLK1	04/14/09 06:03
PCB-1254	<0.0190		mg/kg	9041517	9041517-BLK1	04/14/09 06:03
PCB-1260	<0.0140		mg/kg	9041517	9041517-BLK1	04/14/09 06:03
Surrogate: Tetrachloro-meta-xylene	94%			9041517	9041517-BLK1	04/14/09 06:03
Surrogate: Decachlorobiphenyl	76%			9041517	9041517-BLK1	04/14/09 06:03
Volatile Organic Compounds by EPA Method 8260B						
9041887-BLK1						
Acetone	<25.0		ug/L	9041887	9041887-BLK1	04/10/09 12:28
Benzene	<0.270		ug/L	9041887	9041887-BLK1	04/10/09 12:28
Bromobenzene	<0.360		ug/L	9041887	9041887-BLK1	04/10/09 12:28
Bromochloromethane	<0.400		ug/L	9041887	9041887-BLK1	04/10/09 12:28
Bromodichloromethane	<0.350		ug/L	9041887	9041887-BLK1	04/10/09 12:28
Bromoform	<0.430		ug/L	9041887	9041887-BLK1	04/10/09 12:28
Bromomethane	<0.420		ug/L	9041887	9041887-BLK1	04/10/09 12:28
2-Butanone	<2.40		ug/L	9041887	9041887-BLK1	04/10/09 12:28
sec-Butylbenzene	<0.140		ug/L	9041887	9041887-BLK1	04/10/09 12:28
n-Butylbenzene	<0.280		ug/L	9041887	9041887-BLK1	04/10/09 12:28
tert-Butylbenzene	<0.330		ug/L	9041887	9041887-BLK1	04/10/09 12:28
Carbon disulfide	<0.380		ug/L	9041887	9041887-BLK1	04/10/09 12:28
Carbon Tetrachloride	<0.350		ug/L	9041887	9041887-BLK1	04/10/09 12:28
Chlorobenzene	<0.180		ug/L	9041887	9041887-BLK1	04/10/09 12:28
Chlorodibromomethane	<0.280		ug/L	9041887	9041887-BLK1	04/10/09 12:28
Chloroethane	<0.450		ug/L	9041887	9041887-BLK1	04/10/09 12:28
Chloroform	<0.280		ug/L	9041887	9041887-BLK1	04/10/09 12:28

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:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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						
9041887-BLK1						
Chloromethane	<0.380		ug/L	9041887	9041887-BLK1	04/10/09 12:28
2-Chlorotoluene	<0.300		ug/L	9041887	9041887-BLK1	04/10/09 12:28
4-Chlorotoluene	<0.330		ug/L	9041887	9041887-BLK1	04/10/09 12:28
1,2-Dibromo-3-chloropropane	<0.860		ug/L	9041887	9041887-BLK1	04/10/09 12:28
1,2-Dibromoethane (EDB)	<0.390		ug/L	9041887	9041887-BLK1	04/10/09 12:28
Dibromomethane	<0.350		ug/L	9041887	9041887-BLK1	04/10/09 12:28
1,4-Dichlorobenzene	<0.380		ug/L	9041887	9041887-BLK1	04/10/09 12:28
1,3-Dichlorobenzene	<0.350		ug/L	9041887	9041887-BLK1	04/10/09 12:28
1,2-Dichlorobenzene	<0.500		ug/L	9041887	9041887-BLK1	04/10/09 12:28
Dichlorodifluoromethane	<0.460		ug/L	9041887	9041887-BLK1	04/10/09 12:28
1,1-Dichloroethane	<0.540		ug/L	9041887	9041887-BLK1	04/10/09 12:28
1,2-Dichloroethane	<0.370		ug/L	9041887	9041887-BLK1	04/10/09 12:28
cis-1,2-Dichloroethene	<0.390		ug/L	9041887	9041887-BLK1	04/10/09 12:28
1,1-Dichloroethene	<0.340		ug/L	9041887	9041887-BLK1	04/10/09 12:28
trans-1,2-Dichloroethene	<0.470		ug/L	9041887	9041887-BLK1	04/10/09 12:28
1,3-Dichloropropane	<0.290		ug/L	9041887	9041887-BLK1	04/10/09 12:28
1,2-Dichloropropane	<0.320		ug/L	9041887	9041887-BLK1	04/10/09 12:28
2,2-Dichloropropane	<0.420		ug/L	9041887	9041887-BLK1	04/10/09 12:28
cis-1,3-Dichloropropene	<0.290		ug/L	9041887	9041887-BLK1	04/10/09 12:28
trans-1,3-Dichloropropene	<0.330		ug/L	9041887	9041887-BLK1	04/10/09 12:28
1,1-Dichloropropene	<0.310		ug/L	9041887	9041887-BLK1	04/10/09 12:28
Ethylbenzene	<0.240		ug/L	9041887	9041887-BLK1	04/10/09 12:28
Hexachlorobutadiene	<0.910		ug/L	9041887	9041887-BLK1	04/10/09 12:28
2-Hexanone	<16.7		ug/L	9041887	9041887-BLK1	04/10/09 12:28
Isopropylbenzene	<0.300		ug/L	9041887	9041887-BLK1	04/10/09 12:28
p-Isopropyltoluene	<0.220		ug/L	9041887	9041887-BLK1	04/10/09 12:28
Methyl tert-Butyl Ether	<0.420		ug/L	9041887	9041887-BLK1	04/10/09 12:28
Methylene Chloride	<0.830		ug/L	9041887	9041887-BLK1	04/10/09 12:28
4-Methyl-2-pentanone	<3.49		ug/L	9041887	9041887-BLK1	04/10/09 12:28
Naphthalene	<0.540		ug/L	9041887	9041887-BLK1	04/10/09 12:28
n-Propylbenzene	<0.290		ug/L	9041887	9041887-BLK1	04/10/09 12:28
Styrene	<0.330		ug/L	9041887	9041887-BLK1	04/10/09 12:28
1,1,1,2-Tetrachloroethane	<0.290		ug/L	9041887	9041887-BLK1	04/10/09 12:28
1,1,2,2-Tetrachloroethane	<0.290		ug/L	9041887	9041887-BLK1	04/10/09 12:28
Tetrachloroethene	<0.230		ug/L	9041887	9041887-BLK1	04/10/09 12:28
Toluene	<0.280		ug/L	9041887	9041887-BLK1	04/10/09 12:28
1,2,3-Trichlorobenzene	<0.940		ug/L	9041887	9041887-BLK1	04/10/09 12:28
1,2,4-Trichlorobenzene	<0.500		ug/L	9041887	9041887-BLK1	04/10/09 12:28
1,1,2-Trichloroethane	<0.400		ug/L	9041887	9041887-BLK1	04/10/09 12:28
1,1,1-Trichloroethane	<0.370		ug/L	9041887	9041887-BLK1	04/10/09 12:28
Trichloroethene	<0.230		ug/L	9041887	9041887-BLK1	04/10/09 12:28

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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						
9041887-BLK1						
Trichlorofluoromethane	<0.350		ug/L	9041887	9041887-BLK1	04/10/09 12:28
1,2,3-Trichloropropane	<0.290		ug/L	9041887	9041887-BLK1	04/10/09 12:28
1,3,5-Trimethylbenzene	<0.160		ug/L	9041887	9041887-BLK1	04/10/09 12:28
1,2,4-Trimethylbenzene	0.310		ug/L	9041887	9041887-BLK1	04/10/09 12:28
Vinyl chloride	<0.290		ug/L	9041887	9041887-BLK1	04/10/09 12:28
Xylenes, total	<0.860		ug/L	9041887	9041887-BLK1	04/10/09 12:28
Surrogate: 1,2-Dichloroethane-d4	96%			9041887	9041887-BLK1	04/10/09 12:28
Surrogate: Dibromofluoromethane	95%			9041887	9041887-BLK1	04/10/09 12:28
Surrogate: Toluene-d8	101%			9041887	9041887-BLK1	04/10/09 12:28
Surrogate: 4-Bromofluorobenzene	93%			9041887	9041887-BLK1	04/10/09 12:28
9042259-BLK1						
Acetone	<25.0		ug/L	9042259	9042259-BLK1	04/12/09 09:21
Benzene	<0.270		ug/L	9042259	9042259-BLK1	04/12/09 09:21
Bromobenzene	<0.360		ug/L	9042259	9042259-BLK1	04/12/09 09:21
Bromochloromethane	<0.400		ug/L	9042259	9042259-BLK1	04/12/09 09:21
Bromodichloromethane	<0.350		ug/L	9042259	9042259-BLK1	04/12/09 09:21
Bromoform	<0.430		ug/L	9042259	9042259-BLK1	04/12/09 09:21
Bromomethane	<0.420		ug/L	9042259	9042259-BLK1	04/12/09 09:21
2-Butanone	<2.40		ug/L	9042259	9042259-BLK1	04/12/09 09:21
sec-Butylbenzene	<0.140		ug/L	9042259	9042259-BLK1	04/12/09 09:21
n-Butylbenzene	<0.280		ug/L	9042259	9042259-BLK1	04/12/09 09:21
tert-Butylbenzene	<0.330		ug/L	9042259	9042259-BLK1	04/12/09 09:21
Carbon disulfide	<0.380		ug/L	9042259	9042259-BLK1	04/12/09 09:21
Carbon Tetrachloride	<0.350		ug/L	9042259	9042259-BLK1	04/12/09 09:21
Chlorobenzene	<0.180		ug/L	9042259	9042259-BLK1	04/12/09 09:21
Chlorodibromomethane	<0.280		ug/L	9042259	9042259-BLK1	04/12/09 09:21
Chloroethane	<0.450		ug/L	9042259	9042259-BLK1	04/12/09 09:21
Chloroform	<0.280		ug/L	9042259	9042259-BLK1	04/12/09 09:21
Chloromethane	<0.380		ug/L	9042259	9042259-BLK1	04/12/09 09:21
2-Chlorotoluene	<0.300		ug/L	9042259	9042259-BLK1	04/12/09 09:21
4-Chlorotoluene	<0.330		ug/L	9042259	9042259-BLK1	04/12/09 09:21
1,2-Dibromo-3-chloropropane	<0.860		ug/L	9042259	9042259-BLK1	04/12/09 09:21
1,2-Dibromoethane (EDB)	<0.390		ug/L	9042259	9042259-BLK1	04/12/09 09:21
Dibromomethane	<0.350		ug/L	9042259	9042259-BLK1	04/12/09 09:21
1,4-Dichlorobenzene	<0.380		ug/L	9042259	9042259-BLK1	04/12/09 09:21
1,3-Dichlorobenzene	<0.350		ug/L	9042259	9042259-BLK1	04/12/09 09:21
1,2-Dichlorobenzene	<0.500		ug/L	9042259	9042259-BLK1	04/12/09 09:21
Dichlorodifluoromethane	<0.460		ug/L	9042259	9042259-BLK1	04/12/09 09:21
1,1-Dichloroethane	<0.540		ug/L	9042259	9042259-BLK1	04/12/09 09:21
1,2-Dichloroethane	<0.370		ug/L	9042259	9042259-BLK1	04/12/09 09:21

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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						
9042259-BLK1						
cis-1,2-Dichloroethene	<0.390		ug/L	9042259	9042259-BLK1	04/12/09 09:21
1,1-Dichloroethene	<0.340		ug/L	9042259	9042259-BLK1	04/12/09 09:21
trans-1,2-Dichloroethene	<0.470		ug/L	9042259	9042259-BLK1	04/12/09 09:21
1,3-Dichloropropane	<0.290		ug/L	9042259	9042259-BLK1	04/12/09 09:21
1,2-Dichloropropane	<0.320		ug/L	9042259	9042259-BLK1	04/12/09 09:21
2,2-Dichloropropane	<0.420		ug/L	9042259	9042259-BLK1	04/12/09 09:21
cis-1,3-Dichloropropene	<0.290		ug/L	9042259	9042259-BLK1	04/12/09 09:21
trans-1,3-Dichloropropene	<0.330		ug/L	9042259	9042259-BLK1	04/12/09 09:21
1,1-Dichloropropene	<0.310		ug/L	9042259	9042259-BLK1	04/12/09 09:21
Ethylbenzene	<0.240		ug/L	9042259	9042259-BLK1	04/12/09 09:21
Hexachlorobutadiene	<0.910		ug/L	9042259	9042259-BLK1	04/12/09 09:21
2-Hexanone	<16.7		ug/L	9042259	9042259-BLK1	04/12/09 09:21
Isopropylbenzene	<0.300		ug/L	9042259	9042259-BLK1	04/12/09 09:21
p-Isopropyltoluene	<0.220		ug/L	9042259	9042259-BLK1	04/12/09 09:21
Methyl tert-Butyl Ether	<0.420		ug/L	9042259	9042259-BLK1	04/12/09 09:21
Methylene Chloride	<0.830		ug/L	9042259	9042259-BLK1	04/12/09 09:21
4-Methyl-2-pentanone	<3.49		ug/L	9042259	9042259-BLK1	04/12/09 09:21
Naphthalene	<0.540		ug/L	9042259	9042259-BLK1	04/12/09 09:21
n-Propylbenzene	<0.290		ug/L	9042259	9042259-BLK1	04/12/09 09:21
Styrene	<0.330		ug/L	9042259	9042259-BLK1	04/12/09 09:21
1,1,1,2-Tetrachloroethane	<0.290		ug/L	9042259	9042259-BLK1	04/12/09 09:21
1,1,2,2-Tetrachloroethane	<0.290		ug/L	9042259	9042259-BLK1	04/12/09 09:21
Tetrachloroethene	<0.230		ug/L	9042259	9042259-BLK1	04/12/09 09:21
Toluene	<0.280		ug/L	9042259	9042259-BLK1	04/12/09 09:21
1,2,3-Trichlorobenzene	<0.940		ug/L	9042259	9042259-BLK1	04/12/09 09:21
1,2,4-Trichlorobenzene	<0.500		ug/L	9042259	9042259-BLK1	04/12/09 09:21
1,1,2-Trichloroethane	<0.400		ug/L	9042259	9042259-BLK1	04/12/09 09:21
1,1,1-Trichloroethane	<0.370		ug/L	9042259	9042259-BLK1	04/12/09 09:21
Trichloroethene	<0.230		ug/L	9042259	9042259-BLK1	04/12/09 09:21
Trichlorofluoromethane	<0.350		ug/L	9042259	9042259-BLK1	04/12/09 09:21
1,2,3-Trichloropropane	<0.290		ug/L	9042259	9042259-BLK1	04/12/09 09:21
1,3,5-Trimethylbenzene	<0.160		ug/L	9042259	9042259-BLK1	04/12/09 09:21
1,2,4-Trimethylbenzene	<0.170		ug/L	9042259	9042259-BLK1	04/12/09 09:21
Vinyl chloride	<0.290		ug/L	9042259	9042259-BLK1	04/12/09 09:21
Xylenes, total	<0.860		ug/L	9042259	9042259-BLK1	04/12/09 09:21
Surrogate: 1,2-Dichloroethane-d4	100%			9042259	9042259-BLK1	04/12/09 09:21
Surrogate: Dibromofluoromethane	95%			9042259	9042259-BLK1	04/12/09 09:21
Surrogate: Toluene-d8	104%			9042259	9042259-BLK1	04/12/09 09:21
Surrogate: 4-Bromofluorobenzene	108%			9042259	9042259-BLK1	04/12/09 09:21

9042260-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:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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						
9042260-BLK1						
Acetone	<25.0		ug/L	9042260	9042260-BLK1	04/12/09 21:01
Benzene	<0.270		ug/L	9042260	9042260-BLK1	04/12/09 21:01
Bromobenzene	<0.360		ug/L	9042260	9042260-BLK1	04/12/09 21:01
Bromochloromethane	<0.400		ug/L	9042260	9042260-BLK1	04/12/09 21:01
Bromodichloromethane	<0.350		ug/L	9042260	9042260-BLK1	04/12/09 21:01
Bromoform	<0.430		ug/L	9042260	9042260-BLK1	04/12/09 21:01
Bromomethane	<0.420		ug/L	9042260	9042260-BLK1	04/12/09 21:01
2-Butanone	<2.40		ug/L	9042260	9042260-BLK1	04/12/09 21:01
sec-Butylbenzene	<0.140		ug/L	9042260	9042260-BLK1	04/12/09 21:01
n-Butylbenzene	<0.280		ug/L	9042260	9042260-BLK1	04/12/09 21:01
tert-Butylbenzene	<0.330		ug/L	9042260	9042260-BLK1	04/12/09 21:01
Carbon disulfide	<0.380		ug/L	9042260	9042260-BLK1	04/12/09 21:01
Carbon Tetrachloride	<0.350		ug/L	9042260	9042260-BLK1	04/12/09 21:01
Chlorobenzene	<0.180		ug/L	9042260	9042260-BLK1	04/12/09 21:01
Chlorodibromomethane	<0.280		ug/L	9042260	9042260-BLK1	04/12/09 21:01
Chloroethane	<0.450		ug/L	9042260	9042260-BLK1	04/12/09 21:01
Chloroform	<0.280		ug/L	9042260	9042260-BLK1	04/12/09 21:01
Chloromethane	<0.380		ug/L	9042260	9042260-BLK1	04/12/09 21:01
2-Chlorotoluene	<0.300		ug/L	9042260	9042260-BLK1	04/12/09 21:01
4-Chlorotoluene	<0.330		ug/L	9042260	9042260-BLK1	04/12/09 21:01
1,2-Dibromo-3-chloropropane	<0.860		ug/L	9042260	9042260-BLK1	04/12/09 21:01
1,2-Dibromoethane (EDB)	<0.390		ug/L	9042260	9042260-BLK1	04/12/09 21:01
Dibromomethane	<0.350		ug/L	9042260	9042260-BLK1	04/12/09 21:01
1,4-Dichlorobenzene	<0.380		ug/L	9042260	9042260-BLK1	04/12/09 21:01
1,3-Dichlorobenzene	<0.350		ug/L	9042260	9042260-BLK1	04/12/09 21:01
1,2-Dichlorobenzene	<0.500		ug/L	9042260	9042260-BLK1	04/12/09 21:01
Dichlorodifluoromethane	<0.460		ug/L	9042260	9042260-BLK1	04/12/09 21:01
1,1-Dichloroethane	<0.540		ug/L	9042260	9042260-BLK1	04/12/09 21:01
1,2-Dichloroethane	<0.370		ug/L	9042260	9042260-BLK1	04/12/09 21:01
cis-1,2-Dichloroethene	<0.390		ug/L	9042260	9042260-BLK1	04/12/09 21:01
1,1-Dichloroethene	<0.340		ug/L	9042260	9042260-BLK1	04/12/09 21:01
trans-1,2-Dichloroethene	<0.470		ug/L	9042260	9042260-BLK1	04/12/09 21:01
1,3-Dichloropropane	<0.290		ug/L	9042260	9042260-BLK1	04/12/09 21:01
1,2-Dichloropropane	<0.320		ug/L	9042260	9042260-BLK1	04/12/09 21:01
2,2-Dichloropropane	<0.420		ug/L	9042260	9042260-BLK1	04/12/09 21:01
cis-1,3-Dichloropropene	<0.290		ug/L	9042260	9042260-BLK1	04/12/09 21:01
trans-1,3-Dichloropropene	<0.330		ug/L	9042260	9042260-BLK1	04/12/09 21:01
1,1-Dichloropropene	<0.310		ug/L	9042260	9042260-BLK1	04/12/09 21:01
Ethylbenzene	<0.240		ug/L	9042260	9042260-BLK1	04/12/09 21:01
Hexachlorobutadiene	<0.910		ug/L	9042260	9042260-BLK1	04/12/09 21:01
2-Hexanone	<16.7		ug/L	9042260	9042260-BLK1	04/12/09 21:01

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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						
9042260-BLK1						
Isopropylbenzene	<0.300		ug/L	9042260	9042260-BLK1	04/12/09 21:01
p-Isopropyltoluene	<0.220		ug/L	9042260	9042260-BLK1	04/12/09 21:01
Methyl tert-Butyl Ether	<0.420		ug/L	9042260	9042260-BLK1	04/12/09 21:01
Methylene Chloride	<0.830		ug/L	9042260	9042260-BLK1	04/12/09 21:01
4-Methyl-2-pentanone	<3.49		ug/L	9042260	9042260-BLK1	04/12/09 21:01
Naphthalene	<0.540		ug/L	9042260	9042260-BLK1	04/12/09 21:01
n-Propylbenzene	<0.290		ug/L	9042260	9042260-BLK1	04/12/09 21:01
Styrene	<0.330		ug/L	9042260	9042260-BLK1	04/12/09 21:01
1,1,1,2-Tetrachloroethane	<0.290		ug/L	9042260	9042260-BLK1	04/12/09 21:01
1,1,2,2-Tetrachloroethane	<0.290		ug/L	9042260	9042260-BLK1	04/12/09 21:01
Tetrachloroethene	<0.230		ug/L	9042260	9042260-BLK1	04/12/09 21:01
Toluene	<0.280		ug/L	9042260	9042260-BLK1	04/12/09 21:01
1,2,3-Trichlorobenzene	<0.940		ug/L	9042260	9042260-BLK1	04/12/09 21:01
1,2,4-Trichlorobenzene	<0.500		ug/L	9042260	9042260-BLK1	04/12/09 21:01
1,1,2-Trichloroethane	<0.400		ug/L	9042260	9042260-BLK1	04/12/09 21:01
1,1,1-Trichloroethane	<0.370		ug/L	9042260	9042260-BLK1	04/12/09 21:01
Trichloroethene	2.24		ug/L	9042260	9042260-BLK1	04/12/09 21:01
Trichlorofluoromethane	<0.350		ug/L	9042260	9042260-BLK1	04/12/09 21:01
1,2,3-Trichloropropane	<0.290		ug/L	9042260	9042260-BLK1	04/12/09 21:01
1,3,5-Trimethylbenzene	<0.160		ug/L	9042260	9042260-BLK1	04/12/09 21:01
1,2,4-Trimethylbenzene	<0.170		ug/L	9042260	9042260-BLK1	04/12/09 21:01
Vinyl chloride	<0.290		ug/L	9042260	9042260-BLK1	04/12/09 21:01
Xylenes, total	<0.860		ug/L	9042260	9042260-BLK1	04/12/09 21:01
Surrogate: 1,2-Dichloroethane-d4	101%			9042260	9042260-BLK1	04/12/09 21:01
Surrogate: Dibromofluoromethane	97%			9042260	9042260-BLK1	04/12/09 21:01
Surrogate: Toluene-d8	103%			9042260	9042260-BLK1	04/12/09 21:01
Surrogate: 4-Bromofluorobenzene	107%			9042260	9042260-BLK1	04/12/09 21:01
9042326-BLK1						
Acetone	<25.0		ug/L	9042326	9042326-BLK1	04/13/09 21:40
Benzene	<0.270		ug/L	9042326	9042326-BLK1	04/13/09 21:40
Bromobenzene	<0.360		ug/L	9042326	9042326-BLK1	04/13/09 21:40
Bromochloromethane	<0.400		ug/L	9042326	9042326-BLK1	04/13/09 21:40
Bromodichloromethane	<0.350		ug/L	9042326	9042326-BLK1	04/13/09 21:40
Bromoform	<0.430		ug/L	9042326	9042326-BLK1	04/13/09 21:40
Bromomethane	<0.420		ug/L	9042326	9042326-BLK1	04/13/09 21:40
2-Butanone	<2.40		ug/L	9042326	9042326-BLK1	04/13/09 21:40
sec-Butylbenzene	<0.140		ug/L	9042326	9042326-BLK1	04/13/09 21:40
n-Butylbenzene	<0.280		ug/L	9042326	9042326-BLK1	04/13/09 21:40
tert-Butylbenzene	<0.330		ug/L	9042326	9042326-BLK1	04/13/09 21:40
Carbon disulfide	<0.380		ug/L	9042326	9042326-BLK1	04/13/09 21:40

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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						
9042326-BLK1						
Carbon Tetrachloride	<0.350		ug/L	9042326	9042326-BLK1	04/13/09 21:40
Chlorobenzene	<0.180		ug/L	9042326	9042326-BLK1	04/13/09 21:40
Chlorodibromomethane	<0.280		ug/L	9042326	9042326-BLK1	04/13/09 21:40
Chloroethane	<0.450		ug/L	9042326	9042326-BLK1	04/13/09 21:40
Chloroform	<0.280		ug/L	9042326	9042326-BLK1	04/13/09 21:40
Chloromethane	<0.380		ug/L	9042326	9042326-BLK1	04/13/09 21:40
2-Chlorotoluene	<0.300		ug/L	9042326	9042326-BLK1	04/13/09 21:40
4-Chlorotoluene	<0.330		ug/L	9042326	9042326-BLK1	04/13/09 21:40
1,2-Dibromo-3-chloropropane	<0.860		ug/L	9042326	9042326-BLK1	04/13/09 21:40
1,2-Dibromoethane (EDB)	<0.390		ug/L	9042326	9042326-BLK1	04/13/09 21:40
Dibromomethane	<0.350		ug/L	9042326	9042326-BLK1	04/13/09 21:40
1,4-Dichlorobenzene	<0.380		ug/L	9042326	9042326-BLK1	04/13/09 21:40
1,3-Dichlorobenzene	<0.350		ug/L	9042326	9042326-BLK1	04/13/09 21:40
1,2-Dichlorobenzene	<0.500		ug/L	9042326	9042326-BLK1	04/13/09 21:40
Dichlorodifluoromethane	<0.460		ug/L	9042326	9042326-BLK1	04/13/09 21:40
1,1-Dichloroethane	<0.540		ug/L	9042326	9042326-BLK1	04/13/09 21:40
1,2-Dichloroethane	<0.370		ug/L	9042326	9042326-BLK1	04/13/09 21:40
cis-1,2-Dichloroethene	<0.390		ug/L	9042326	9042326-BLK1	04/13/09 21:40
1,1-Dichloroethene	<0.340		ug/L	9042326	9042326-BLK1	04/13/09 21:40
trans-1,2-Dichloroethene	<0.470		ug/L	9042326	9042326-BLK1	04/13/09 21:40
1,3-Dichloropropane	<0.290		ug/L	9042326	9042326-BLK1	04/13/09 21:40
1,2-Dichloropropane	<0.320		ug/L	9042326	9042326-BLK1	04/13/09 21:40
2,2-Dichloropropane	<0.420		ug/L	9042326	9042326-BLK1	04/13/09 21:40
cis-1,3-Dichloropropene	<0.290		ug/L	9042326	9042326-BLK1	04/13/09 21:40
trans-1,3-Dichloropropene	<0.330		ug/L	9042326	9042326-BLK1	04/13/09 21:40
1,1-Dichloropropene	<0.310		ug/L	9042326	9042326-BLK1	04/13/09 21:40
Ethylbenzene	<0.240		ug/L	9042326	9042326-BLK1	04/13/09 21:40
Hexachlorobutadiene	<0.910		ug/L	9042326	9042326-BLK1	04/13/09 21:40
2-Hexanone	<16.7		ug/L	9042326	9042326-BLK1	04/13/09 21:40
Isopropylbenzene	<0.300		ug/L	9042326	9042326-BLK1	04/13/09 21:40
p-Isopropyltoluene	<0.220		ug/L	9042326	9042326-BLK1	04/13/09 21:40
Methyl tert-Butyl Ether	<0.420		ug/L	9042326	9042326-BLK1	04/13/09 21:40
Methylene Chloride	<0.830		ug/L	9042326	9042326-BLK1	04/13/09 21:40
4-Methyl-2-pentanone	<3.49		ug/L	9042326	9042326-BLK1	04/13/09 21:40
Naphthalene	<0.540		ug/L	9042326	9042326-BLK1	04/13/09 21:40
n-Propylbenzene	<0.290		ug/L	9042326	9042326-BLK1	04/13/09 21:40
Styrene	<0.330		ug/L	9042326	9042326-BLK1	04/13/09 21:40
1,1,1,2-Tetrachloroethane	<0.290		ug/L	9042326	9042326-BLK1	04/13/09 21:40
1,1,2,2-Tetrachloroethane	<0.290		ug/L	9042326	9042326-BLK1	04/13/09 21:40
Tetrachloroethene	<0.230		ug/L	9042326	9042326-BLK1	04/13/09 21:40
Toluene	<0.280		ug/L	9042326	9042326-BLK1	04/13/09 21:40

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:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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						
9042326-BLK1						
1,2,3-Trichlorobenzene	<0.940		ug/L	9042326	9042326-BLK1	04/13/09 21:40
1,2,4-Trichlorobenzene	<0.500		ug/L	9042326	9042326-BLK1	04/13/09 21:40
1,1,2-Trichloroethane	<0.400		ug/L	9042326	9042326-BLK1	04/13/09 21:40
1,1,1-Trichloroethane	<0.370		ug/L	9042326	9042326-BLK1	04/13/09 21:40
Trichloroethene	<0.230		ug/L	9042326	9042326-BLK1	04/13/09 21:40
Trichlorofluoromethane	<0.350		ug/L	9042326	9042326-BLK1	04/13/09 21:40
1,2,3-Trichloropropane	<0.290		ug/L	9042326	9042326-BLK1	04/13/09 21:40
1,3,5-Trimethylbenzene	<0.160		ug/L	9042326	9042326-BLK1	04/13/09 21:40
1,2,4-Trimethylbenzene	<0.170		ug/L	9042326	9042326-BLK1	04/13/09 21:40
Vinyl chloride	<0.290		ug/L	9042326	9042326-BLK1	04/13/09 21:40
Xylenes, total	<0.860		ug/L	9042326	9042326-BLK1	04/13/09 21:40
Surrogate: 1,2-Dichloroethane-d4	100%			9042326	9042326-BLK1	04/13/09 21:40
Surrogate: Dibromofluoromethane	96%			9042326	9042326-BLK1	04/13/09 21:40
Surrogate: Toluene-d8	103%			9042326	9042326-BLK1	04/13/09 21:40
Surrogate: 4-Bromofluorobenzene	106%			9042326	9042326-BLK1	04/13/09 21:40

TestAmerica
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Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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								
9041527-BS1								
PCB-1242	10.0	8.08	MNR1	ug/L	81%	26 - 149	9041527	04/15/09 02:52
Surrogate: Tetrachloro-meta-xylene	1.00	0.772			77%	29 - 137	9041527	04/15/09 02:52
Surrogate: Decachlorobiphenyl	1.00	0.756			76%	10 - 146	9041527	04/15/09 02:52
Polychlorinated Biphenyls in Oil by EPA Method 8082								
9041517-BS1								
PCB-1242	5.00	5.23	MNR1	mg/kg	105%	45 - 140	9041517	04/14/09 06:24
Surrogate: Tetrachloro-meta-xylene	0.500	0.480			96%	15 - 150	9041517	04/14/09 06:24
Surrogate: Decachlorobiphenyl	0.500	0.410			82%	10 - 146	9041517	04/14/09 06:24
Volatile Organic Compounds by EPA Method 8260B								
9041887-BS1								
Acetone	250	278		ug/L	111%	62 - 150	9041887	04/10/09 09:58
Benzene	50.0	54.0		ug/L	108%	80 - 137	9041887	04/10/09 09:58
Bromobenzene	50.0	48.7		ug/L	97%	74 - 131	9041887	04/10/09 09:58
Bromochloromethane	50.0	53.2		ug/L	106%	80 - 128	9041887	04/10/09 09:58
Bromodichloromethane	50.0	54.2		ug/L	108%	80 - 129	9041887	04/10/09 09:58
Bromoform	50.0	54.2		ug/L	108%	69 - 127	9041887	04/10/09 09:58
Bromomethane	50.0	49.6		ug/L	99%	62 - 148	9041887	04/10/09 09:58
2-Butanone	250	267		ug/L	107%	77 - 141	9041887	04/10/09 09:58
sec-Butylbenzene	50.0	52.4		ug/L	105%	78 - 133	9041887	04/10/09 09:58
n-Butylbenzene	50.0	52.1		ug/L	104%	72 - 136	9041887	04/10/09 09:58
tert-Butylbenzene	50.0	52.0		ug/L	104%	77 - 135	9041887	04/10/09 09:58
Carbon disulfide	50.0	56.7		ug/L	113%	80 - 126	9041887	04/10/09 09:58
Carbon Tetrachloride	50.0	59.3		ug/L	119%	76 - 143	9041887	04/10/09 09:58
Chlorobenzene	50.0	52.0		ug/L	104%	80 - 120	9041887	04/10/09 09:58
Chlorodibromomethane	50.0	55.4		ug/L	111%	76 - 123	9041887	04/10/09 09:58
Chloroethane	50.0	41.4		ug/L	83%	77 - 127	9041887	04/10/09 09:58
Chloroform	50.0	51.9		ug/L	104%	80 - 133	9041887	04/10/09 09:58
Chloromethane	50.0	35.2		ug/L	70%	33 - 125	9041887	04/10/09 09:58
2-Chlorotoluene	50.0	48.8		ug/L	98%	80 - 127	9041887	04/10/09 09:58
4-Chlorotoluene	50.0	48.9		ug/L	98%	80 - 127	9041887	04/10/09 09:58
1,2-Dibromo-3-chloropropane	50.0	55.1		ug/L	110%	60 - 136	9041887	04/10/09 09:58
1,2-Dibromoethane (EDB)	50.0	53.8		ug/L	108%	80 - 125	9041887	04/10/09 09:58
Dibromomethane	50.0	52.7		ug/L	105%	80 - 124	9041887	04/10/09 09:58
1,4-Dichlorobenzene	50.0	49.9		ug/L	100%	80 - 120	9041887	04/10/09 09:58
1,3-Dichlorobenzene	50.0	51.5		ug/L	103%	80 - 123	9041887	04/10/09 09:58
1,2-Dichlorobenzene	50.0	52.2		ug/L	104%	80 - 122	9041887	04/10/09 09:58
Dichlorodifluoromethane	50.0	35.1		ug/L	70%	36 - 120	9041887	04/10/09 09:58
1,1-Dichloroethane	50.0	53.4		ug/L	107%	76 - 130	9041887	04/10/09 09:58
1,2-Dichloroethane	50.0	51.3		ug/L	103%	69 - 136	9041887	04/10/09 09:58

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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								
9041887-BS1								
cis-1,2-Dichloroethene	50.0	55.5		ug/L	111%	80 - 129	9041887	04/10/09 09:58
1,1-Dichloroethene	50.0	52.8		ug/L	106%	80 - 127	9041887	04/10/09 09:58
trans-1,2-Dichloroethene	50.0	53.4		ug/L	107%	80 - 131	9041887	04/10/09 09:58
1,3-Dichloropropane	50.0	52.2		ug/L	104%	80 - 122	9041887	04/10/09 09:58
1,2-Dichloropropane	50.0	52.0		ug/L	104%	80 - 120	9041887	04/10/09 09:58
2,2-Dichloropropane	50.0	53.9		ug/L	108%	62 - 142	9041887	04/10/09 09:58
cis-1,3-Dichloropropene	50.0	53.1		ug/L	106%	76 - 135	9041887	04/10/09 09:58
trans-1,3-Dichloropropene	50.0	53.5		ug/L	107%	70 - 137	9041887	04/10/09 09:58
1,1-Dichloropropene	50.0	54.8		ug/L	110%	80 - 127	9041887	04/10/09 09:58
Ethylbenzene	50.0	54.0		ug/L	108%	80 - 128	9041887	04/10/09 09:58
Hexachlorobutadiene	50.0	64.2		ug/L	128%	68 - 148	9041887	04/10/09 09:58
2-Hexanone	250	266		ug/L	107%	69 - 148	9041887	04/10/09 09:58
Isopropylbenzene	50.0	56.7		ug/L	113%	80 - 121	9041887	04/10/09 09:58
p-Isopropyltoluene	50.0	52.0		ug/L	104%	79 - 127	9041887	04/10/09 09:58
Methyl tert-Butyl Ether	50.0	51.7		ug/L	103%	70 - 129	9041887	04/10/09 09:58
Methylene Chloride	50.0	52.1		ug/L	104%	76 - 135	9041887	04/10/09 09:58
4-Methyl-2-pentanone	250	249		ug/L	100%	67 - 143	9041887	04/10/09 09:58
Naphthalene	50.0	58.2		ug/L	116%	62 - 141	9041887	04/10/09 09:58
n-Propylbenzene	50.0	50.5		ug/L	101%	80 - 132	9041887	04/10/09 09:58
Styrene	50.0	60.5		ug/L	121%	80 - 139	9041887	04/10/09 09:58
1,1,1,2-Tetrachloroethane	50.0	56.0		ug/L	112%	80 - 135	9041887	04/10/09 09:58
1,1,2,2-Tetrachloroethane	50.0	49.1		ug/L	98%	65 - 145	9041887	04/10/09 09:58
Tetrachloroethene	50.0	55.5		ug/L	111%	80 - 125	9041887	04/10/09 09:58
Toluene	50.0	54.3		ug/L	109%	80 - 125	9041887	04/10/09 09:58
1,2,3-Trichlorobenzene	50.0	55.1		ug/L	110%	57 - 144	9041887	04/10/09 09:58
1,2,4-Trichlorobenzene	50.0	58.3		ug/L	117%	60 - 140	9041887	04/10/09 09:58
1,1,2-Trichloroethane	50.0	52.6		ug/L	105%	80 - 122	9041887	04/10/09 09:58
1,1,1-Trichloroethane	50.0	55.2		ug/L	110%	80 - 131	9041887	04/10/09 09:58
Trichloroethene	50.0	57.9		ug/L	116%	80 - 131	9041887	04/10/09 09:58
Trichlorofluoromethane	50.0	43.8		ug/L	88%	68 - 125	9041887	04/10/09 09:58
1,2,3-Trichloropropane	50.0	45.6		ug/L	91%	60 - 127	9041887	04/10/09 09:58
1,3,5-Trimethylbenzene	50.0	52.4		ug/L	105%	80 - 129	9041887	04/10/09 09:58
1,2,4-Trimethylbenzene	50.0	52.5		ug/L	105%	80 - 128	9041887	04/10/09 09:58
Vinyl chloride	50.0	38.1		ug/L	76%	69 - 120	9041887	04/10/09 09:58
Xylenes, total	150	167		ug/L	111%	80 - 129	9041887	04/10/09 09:58
Surrogate: 1,2-Dichloroethane-d4	50.0	47.8			96%	60 - 140	9041887	04/10/09 09:58
Surrogate: Dibromofluoromethane	50.0	50.9			102%	75 - 124	9041887	04/10/09 09:58
Surrogate: Toluene-d8	50.0	49.5			99%	78 - 121	9041887	04/10/09 09:58
Surrogate: 4-Bromofluorobenzene	50.0	46.3			93%	79 - 124	9041887	04/10/09 09:58

9042259-BS1

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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								
9042259-BS1								
Acetone	250	222		ug/L	89%	62 - 150	9042259	04/12/09 07:41
Benzene	50.0	48.8		ug/L	98%	80 - 137	9042259	04/12/09 07:41
Bromobenzene	50.0	52.9		ug/L	106%	74 - 131	9042259	04/12/09 07:41
Bromochloromethane	50.0	43.4		ug/L	87%	80 - 128	9042259	04/12/09 07:41
Bromodichloromethane	50.0	50.7		ug/L	101%	80 - 129	9042259	04/12/09 07:41
Bromoform	50.0	46.4		ug/L	93%	69 - 127	9042259	04/12/09 07:41
Bromomethane	50.0	46.9		ug/L	94%	62 - 148	9042259	04/12/09 07:41
2-Butanone	250	238		ug/L	95%	77 - 141	9042259	04/12/09 07:41
sec-Butylbenzene	50.0	58.7		ug/L	117%	78 - 133	9042259	04/12/09 07:41
n-Butylbenzene	50.0	50.8		ug/L	102%	72 - 136	9042259	04/12/09 07:41
tert-Butylbenzene	50.0	56.3		ug/L	113%	77 - 135	9042259	04/12/09 07:41
Carbon disulfide	50.0	52.2		ug/L	104%	80 - 126	9042259	04/12/09 07:41
Carbon Tetrachloride	50.0	45.4		ug/L	91%	76 - 143	9042259	04/12/09 07:41
Chlorobenzene	50.0	49.6		ug/L	99%	80 - 120	9042259	04/12/09 07:41
Chlorodibromomethane	50.0	47.0		ug/L	94%	76 - 123	9042259	04/12/09 07:41
Chloroethane	50.0	45.4		ug/L	91%	77 - 127	9042259	04/12/09 07:41
Chloroform	50.0	45.7		ug/L	91%	80 - 133	9042259	04/12/09 07:41
Chloromethane	50.0	42.8		ug/L	86%	33 - 125	9042259	04/12/09 07:41
2-Chlorotoluene	50.0	56.0		ug/L	112%	80 - 127	9042259	04/12/09 07:41
4-Chlorotoluene	50.0	56.3		ug/L	113%	80 - 127	9042259	04/12/09 07:41
1,2-Dibromo-3-chloropropane	50.0	46.5		ug/L	93%	60 - 136	9042259	04/12/09 07:41
1,2-Dibromoethane (EDB)	50.0	54.0		ug/L	108%	80 - 125	9042259	04/12/09 07:41
Dibromomethane	50.0	47.6		ug/L	95%	80 - 124	9042259	04/12/09 07:41
1,4-Dichlorobenzene	50.0	52.5		ug/L	105%	80 - 120	9042259	04/12/09 07:41
1,3-Dichlorobenzene	50.0	53.8		ug/L	108%	80 - 123	9042259	04/12/09 07:41
1,2-Dichlorobenzene	50.0	53.3		ug/L	107%	80 - 122	9042259	04/12/09 07:41
Dichlorodifluoromethane	50.0	42.2		ug/L	84%	36 - 120	9042259	04/12/09 07:41
1,1-Dichloroethane	50.0	49.0		ug/L	98%	76 - 130	9042259	04/12/09 07:41
1,2-Dichloroethane	50.0	46.8		ug/L	94%	69 - 136	9042259	04/12/09 07:41
cis-1,2-Dichloroethene	50.0	50.4		ug/L	101%	80 - 129	9042259	04/12/09 07:41
1,1-Dichloroethene	50.0	49.2		ug/L	98%	80 - 127	9042259	04/12/09 07:41
trans-1,2-Dichloroethene	50.0	49.6		ug/L	99%	80 - 131	9042259	04/12/09 07:41
1,3-Dichloropropane	50.0	52.8		ug/L	106%	80 - 122	9042259	04/12/09 07:41
1,2-Dichloropropane	50.0	46.3		ug/L	93%	80 - 120	9042259	04/12/09 07:41
2,2-Dichloropropane	50.0	54.6		ug/L	109%	62 - 142	9042259	04/12/09 07:41
cis-1,3-Dichloropropene	50.0	51.1		ug/L	102%	76 - 135	9042259	04/12/09 07:41
trans-1,3-Dichloropropene	50.0	48.8		ug/L	98%	70 - 137	9042259	04/12/09 07:41
1,1-Dichloropropene	50.0	51.0		ug/L	102%	80 - 127	9042259	04/12/09 07:41
Ethylbenzene	50.0	53.7		ug/L	107%	80 - 128	9042259	04/12/09 07:41
Hexachlorobutadiene	50.0	59.3		ug/L	119%	68 - 148	9042259	04/12/09 07:41
2-Hexanone	250	267		ug/L	107%	69 - 148	9042259	04/12/09 07:41

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:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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								
9042259-BS1								
Isopropylbenzene	50.0	51.4		ug/L	103%	80 - 121	9042259	04/12/09 07:41
p-Isopropyltoluene	50.0	57.0		ug/L	114%	79 - 127	9042259	04/12/09 07:41
Methyl tert-Butyl Ether	50.0	48.4		ug/L	97%	70 - 129	9042259	04/12/09 07:41
Methylene Chloride	50.0	42.6		ug/L	85%	76 - 135	9042259	04/12/09 07:41
4-Methyl-2-pentanone	250	278		ug/L	111%	67 - 143	9042259	04/12/09 07:41
Naphthalene	50.0	49.6		ug/L	99%	62 - 141	9042259	04/12/09 07:41
n-Propylbenzene	50.0	57.7		ug/L	115%	80 - 132	9042259	04/12/09 07:41
Styrene	50.0	57.9		ug/L	116%	80 - 139	9042259	04/12/09 07:41
1,1,1,2-Tetrachloroethane	50.0	48.6		ug/L	97%	80 - 135	9042259	04/12/09 07:41
1,1,2,2-Tetrachloroethane	50.0	56.0		ug/L	112%	65 - 145	9042259	04/12/09 07:41
Tetrachloroethene	50.0	50.6		ug/L	101%	80 - 125	9042259	04/12/09 07:41
Toluene	50.0	51.9		ug/L	104%	80 - 125	9042259	04/12/09 07:41
1,2,3-Trichlorobenzene	50.0	46.3		ug/L	93%	57 - 144	9042259	04/12/09 07:41
1,2,4-Trichlorobenzene	50.0	48.0		ug/L	96%	60 - 140	9042259	04/12/09 07:41
1,1,2-Trichloroethane	50.0	51.4		ug/L	103%	80 - 122	9042259	04/12/09 07:41
1,1,1-Trichloroethane	50.0	50.4		ug/L	101%	80 - 131	9042259	04/12/09 07:41
Trichloroethene	50.0	47.2		ug/L	94%	80 - 131	9042259	04/12/09 07:41
Trichlorofluoromethane	50.0	46.9		ug/L	94%	68 - 125	9042259	04/12/09 07:41
1,2,3-Trichloropropane	50.0	53.5		ug/L	107%	60 - 127	9042259	04/12/09 07:41
1,3,5-Trimethylbenzene	50.0	58.4		ug/L	117%	80 - 129	9042259	04/12/09 07:41
1,2,4-Trimethylbenzene	50.0	58.7		ug/L	117%	80 - 128	9042259	04/12/09 07:41
Vinyl chloride	50.0	43.9		ug/L	88%	69 - 120	9042259	04/12/09 07:41
Xylenes, total	150	161		ug/L	108%	80 - 129	9042259	04/12/09 07:41
Surrogate: 1,2-Dichloroethane-d4	25.0	24.2			97%	60 - 140	9042259	04/12/09 07:41
Surrogate: Dibromofluoromethane	25.0	24.5			98%	75 - 124	9042259	04/12/09 07:41
Surrogate: Toluene-d8	25.0	26.2			105%	78 - 121	9042259	04/12/09 07:41
Surrogate: 4-Bromofluorobenzene	25.0	26.3			105%	79 - 124	9042259	04/12/09 07:41
9042260-BS1								
Acetone	250	258		ug/L	103%	62 - 150	9042260	04/12/09 18:56
Benzene	50.0	56.8		ug/L	114%	80 - 137	9042260	04/12/09 18:56
Bromobenzene	50.0	61.2		ug/L	122%	74 - 131	9042260	04/12/09 18:56
Bromochloromethane	50.0	54.0		ug/L	108%	80 - 128	9042260	04/12/09 18:56
Bromodichloromethane	50.0	58.5		ug/L	117%	80 - 129	9042260	04/12/09 18:56
Bromoform	50.0	52.4		ug/L	105%	69 - 127	9042260	04/12/09 18:56
Bromomethane	50.0	47.1		ug/L	94%	62 - 148	9042260	04/12/09 18:56
2-Butanone	250	270		ug/L	108%	77 - 141	9042260	04/12/09 18:56
sec-Butylbenzene	50.0	67.1	L	ug/L	134%	78 - 133	9042260	04/12/09 18:56
n-Butylbenzene	50.0	57.0		ug/L	114%	72 - 136	9042260	04/12/09 18:56
tert-Butylbenzene	50.0	65.3		ug/L	131%	77 - 135	9042260	04/12/09 18:56
Carbon disulfide	50.0	64.0	L	ug/L	128%	80 - 126	9042260	04/12/09 18:56

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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								
9042260-BS1								
Carbon Tetrachloride	50.0	52.4		ug/L	105%	76 - 143	9042260	04/12/09 18:56
Chlorobenzene	50.0	56.8		ug/L	114%	80 - 120	9042260	04/12/09 18:56
Chlorodibromomethane	50.0	52.8		ug/L	106%	76 - 123	9042260	04/12/09 18:56
Chloroethane	50.0	47.9		ug/L	96%	77 - 127	9042260	04/12/09 18:56
Chloroform	50.0	52.6		ug/L	105%	80 - 133	9042260	04/12/09 18:56
Chloromethane	50.0	48.0		ug/L	96%	33 - 125	9042260	04/12/09 18:56
2-Chlorotoluene	50.0	64.0	L	ug/L	128%	80 - 127	9042260	04/12/09 18:56
4-Chlorotoluene	50.0	64.4	L	ug/L	129%	80 - 127	9042260	04/12/09 18:56
1,2-Dibromo-3-chloropropane	50.0	53.9		ug/L	108%	60 - 136	9042260	04/12/09 18:56
1,2-Dibromoethane (EDB)	50.0	61.5		ug/L	123%	80 - 125	9042260	04/12/09 18:56
Dibromomethane	50.0	54.9		ug/L	110%	80 - 124	9042260	04/12/09 18:56
1,4-Dichlorobenzene	50.0	59.2		ug/L	118%	80 - 120	9042260	04/12/09 18:56
1,3-Dichlorobenzene	50.0	60.6		ug/L	121%	80 - 123	9042260	04/12/09 18:56
1,2-Dichlorobenzene	50.0	60.1		ug/L	120%	80 - 122	9042260	04/12/09 18:56
Dichlorodifluoromethane	50.0	43.9		ug/L	88%	36 - 120	9042260	04/12/09 18:56
1,1-Dichloroethane	50.0	56.5		ug/L	113%	76 - 130	9042260	04/12/09 18:56
1,2-Dichloroethane	50.0	53.8		ug/L	108%	69 - 136	9042260	04/12/09 18:56
cis-1,2-Dichloroethene	50.0	57.2		ug/L	114%	80 - 129	9042260	04/12/09 18:56
1,1-Dichloroethene	50.0	59.4		ug/L	119%	80 - 127	9042260	04/12/09 18:56
trans-1,2-Dichloroethene	50.0	58.0		ug/L	116%	80 - 131	9042260	04/12/09 18:56
1,3-Dichloropropane	50.0	60.8		ug/L	122%	80 - 122	9042260	04/12/09 18:56
1,2-Dichloropropane	50.0	54.0		ug/L	108%	80 - 120	9042260	04/12/09 18:56
2,2-Dichloropropane	50.0	52.3		ug/L	105%	62 - 142	9042260	04/12/09 18:56
cis-1,3-Dichloropropene	50.0	56.3		ug/L	113%	76 - 135	9042260	04/12/09 18:56
trans-1,3-Dichloropropene	50.0	53.7		ug/L	107%	70 - 137	9042260	04/12/09 18:56
1,1-Dichloropropene	50.0	59.6		ug/L	119%	80 - 127	9042260	04/12/09 18:56
Ethylbenzene	50.0	61.6		ug/L	123%	80 - 128	9042260	04/12/09 18:56
Hexachlorobutadiene	50.0	64.1		ug/L	128%	68 - 148	9042260	04/12/09 18:56
2-Hexanone	250	315		ug/L	126%	69 - 148	9042260	04/12/09 18:56
Isopropylbenzene	50.0	58.5		ug/L	117%	80 - 121	9042260	04/12/09 18:56
p-Isopropyltoluene	50.0	64.8	L	ug/L	130%	79 - 127	9042260	04/12/09 18:56
Methyl tert-Butyl Ether	50.0	57.7		ug/L	115%	70 - 129	9042260	04/12/09 18:56
Methylene Chloride	50.0	48.4		ug/L	97%	76 - 135	9042260	04/12/09 18:56
4-Methyl-2-pentanone	250	330		ug/L	132%	67 - 143	9042260	04/12/09 18:56
Naphthalene	50.0	50.6		ug/L	101%	62 - 141	9042260	04/12/09 18:56
n-Propylbenzene	50.0	66.0		ug/L	132%	80 - 132	9042260	04/12/09 18:56
Styrene	50.0	66.3		ug/L	133%	80 - 139	9042260	04/12/09 18:56
1,1,1,2-Tetrachloroethane	50.0	54.6		ug/L	109%	80 - 135	9042260	04/12/09 18:56
1,1,2,2-Tetrachloroethane	50.0	65.2		ug/L	130%	65 - 145	9042260	04/12/09 18:56
Tetrachloroethene	50.0	57.1		ug/L	114%	80 - 125	9042260	04/12/09 18:56
Toluene	50.0	59.3		ug/L	119%	80 - 125	9042260	04/12/09 18:56

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:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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								
9042260-BS1								
1,2,3-Trichlorobenzene	50.0	45.1		ug/L	90%	57 - 144	9042260	04/12/09 18:56
1,2,4-Trichlorobenzene	50.0	49.2		ug/L	98%	60 - 140	9042260	04/12/09 18:56
1,1,2-Trichloroethane	50.0	59.1		ug/L	118%	80 - 122	9042260	04/12/09 18:56
1,1,1-Trichloroethane	50.0	58.6		ug/L	117%	80 - 131	9042260	04/12/09 18:56
Trichloroethene	50.0	60.6	B	ug/L	121%	80 - 131	9042260	04/12/09 18:56
Trichlorofluoromethane	50.0	49.2		ug/L	98%	68 - 125	9042260	04/12/09 18:56
1,2,3-Trichloropropane	50.0	59.9		ug/L	120%	60 - 127	9042260	04/12/09 18:56
1,3,5-Trimethylbenzene	50.0	67.0	L	ug/L	134%	80 - 129	9042260	04/12/09 18:56
1,2,4-Trimethylbenzene	50.0	67.0	L	ug/L	134%	80 - 128	9042260	04/12/09 18:56
Vinyl chloride	50.0	47.8		ug/L	96%	69 - 120	9042260	04/12/09 18:56
Xylenes, total	150	185		ug/L	123%	80 - 129	9042260	04/12/09 18:56
Surrogate: 1,2-Dichloroethane-d4	25.0	24.8			99%	60 - 140	9042260	04/12/09 18:56
Surrogate: Dibromofluoromethane	25.0	24.5			98%	75 - 124	9042260	04/12/09 18:56
Surrogate: Toluene-d8	25.0	26.0			104%	78 - 121	9042260	04/12/09 18:56
Surrogate: 4-Bromofluorobenzene	25.0	26.5			106%	79 - 124	9042260	04/12/09 18:56
9042326-BS1								
Acetone	250	242	MNR1	ug/L	97%	62 - 150	9042326	04/13/09 20:00
Benzene	50.0	51.2	MNR1	ug/L	102%	80 - 137	9042326	04/13/09 20:00
Bromobenzene	50.0	53.8	MNR1	ug/L	108%	74 - 131	9042326	04/13/09 20:00
Bromochloromethane	50.0	49.2	MNR1	ug/L	98%	80 - 128	9042326	04/13/09 20:00
Bromodichloromethane	50.0	54.4	MNR1	ug/L	109%	80 - 129	9042326	04/13/09 20:00
Bromoform	50.0	49.2	MNR1	ug/L	98%	69 - 127	9042326	04/13/09 20:00
Bromomethane	50.0	49.7	MNR1	ug/L	99%	62 - 148	9042326	04/13/09 20:00
2-Butanone	250	253	MNR1	ug/L	101%	77 - 141	9042326	04/13/09 20:00
sec-Butylbenzene	50.0	59.5	MNR1	ug/L	119%	78 - 133	9042326	04/13/09 20:00
n-Butylbenzene	50.0	50.5	MNR1	ug/L	101%	72 - 136	9042326	04/13/09 20:00
tert-Butylbenzene	50.0	58.0	MNR1	ug/L	116%	77 - 135	9042326	04/13/09 20:00
Carbon disulfide	50.0	53.1	MNR1	ug/L	106%	80 - 126	9042326	04/13/09 20:00
Carbon Tetrachloride	50.0	48.0	MNR1	ug/L	96%	76 - 143	9042326	04/13/09 20:00
Chlorobenzene	50.0	52.4	MNR1	ug/L	105%	80 - 120	9042326	04/13/09 20:00
Chlorodibromomethane	50.0	50.1	MNR1	ug/L	100%	76 - 123	9042326	04/13/09 20:00
Chloroethane	50.0	48.5	MNR1	ug/L	97%	77 - 127	9042326	04/13/09 20:00
Chloroform	50.0	48.4	MNR1	ug/L	97%	80 - 133	9042326	04/13/09 20:00
Chloromethane	50.0	44.7	MNR1	ug/L	89%	33 - 125	9042326	04/13/09 20:00
2-Chlorotoluene	50.0	56.7	MNR1	ug/L	113%	80 - 127	9042326	04/13/09 20:00
4-Chlorotoluene	50.0	56.6	MNR1	ug/L	113%	80 - 127	9042326	04/13/09 20:00
1,2-Dibromo-3-chloropropane	50.0	48.0	MNR1	ug/L	96%	60 - 136	9042326	04/13/09 20:00
1,2-Dibromoethane (EDB)	50.0	57.2	MNR1	ug/L	114%	80 - 125	9042326	04/13/09 20:00
Dibromomethane	50.0	51.1	MNR1	ug/L	102%	80 - 124	9042326	04/13/09 20:00
1,4-Dichlorobenzene	50.0	53.9	MNR1	ug/L	108%	80 - 120	9042326	04/13/09 20:00

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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								
9042326-BS1								
1,3-Dichlorobenzene	50.0	55.4	MNR1	ug/L	111%	80 - 123	9042326	04/13/09 20:00
1,2-Dichlorobenzene	50.0	54.8	MNR1	ug/L	110%	80 - 122	9042326	04/13/09 20:00
Dichlorodifluoromethane	50.0	43.2	MNR1	ug/L	86%	36 - 120	9042326	04/13/09 20:00
1,1-Dichloroethane	50.0	51.7	MNR1	ug/L	103%	76 - 130	9042326	04/13/09 20:00
1,2-Dichloroethane	50.0	50.8	MNR1	ug/L	102%	69 - 136	9042326	04/13/09 20:00
cis-1,2-Dichloroethene	50.0	52.4	MNR1	ug/L	105%	80 - 129	9042326	04/13/09 20:00
1,1-Dichloroethene	50.0	50.8	MNR1	ug/L	102%	80 - 127	9042326	04/13/09 20:00
trans-1,2-Dichloroethene	50.0	52.1	MNR1	ug/L	104%	80 - 131	9042326	04/13/09 20:00
1,3-Dichloropropane	50.0	56.2	MNR1	ug/L	112%	80 - 122	9042326	04/13/09 20:00
1,2-Dichloropropane	50.0	49.4	MNR1	ug/L	99%	80 - 120	9042326	04/13/09 20:00
2,2-Dichloropropane	50.0	50.4	MNR1	ug/L	101%	62 - 142	9042326	04/13/09 20:00
cis-1,3-Dichloropropene	50.0	53.0	MNR1	ug/L	106%	76 - 135	9042326	04/13/09 20:00
trans-1,3-Dichloropropene	50.0	50.6	MNR1	ug/L	101%	70 - 137	9042326	04/13/09 20:00
1,1-Dichloropropene	50.0	53.6	MNR1	ug/L	107%	80 - 127	9042326	04/13/09 20:00
Ethylbenzene	50.0	55.6	MNR1	ug/L	111%	80 - 128	9042326	04/13/09 20:00
Hexachlorobutadiene	50.0	59.3	MNR1	ug/L	119%	68 - 148	9042326	04/13/09 20:00
2-Hexanone	250	280	MNR1	ug/L	112%	69 - 148	9042326	04/13/09 20:00
Isopropylbenzene	50.0	53.7	MNR1	ug/L	107%	80 - 121	9042326	04/13/09 20:00
p-Isopropyltoluene	50.0	58.0	MNR1	ug/L	116%	79 - 127	9042326	04/13/09 20:00
Methyl tert-Butyl Ether	50.0	52.7	MNR1	ug/L	105%	70 - 129	9042326	04/13/09 20:00
Methylene Chloride	50.0	44.8	MNR1	ug/L	90%	76 - 135	9042326	04/13/09 20:00
4-Methyl-2-pentanone	250	293	MNR1	ug/L	117%	67 - 143	9042326	04/13/09 20:00
Naphthalene	50.0	46.2	MNR1	ug/L	92%	62 - 141	9042326	04/13/09 20:00
n-Propylbenzene	50.0	57.8	MNR1	ug/L	116%	80 - 132	9042326	04/13/09 20:00
Styrene	50.0	61.2	MNR1	ug/L	122%	80 - 139	9042326	04/13/09 20:00
1,1,1,2-Tetrachloroethane	50.0	51.0	MNR1	ug/L	102%	80 - 135	9042326	04/13/09 20:00
1,1,2,2-Tetrachloroethane	50.0	57.3	MNR1	ug/L	115%	65 - 145	9042326	04/13/09 20:00
Tetrachloroethene	50.0	53.1	MNR1	ug/L	106%	80 - 125	9042326	04/13/09 20:00
Toluene	50.0	53.8	MNR1	ug/L	108%	80 - 125	9042326	04/13/09 20:00
1,2,3-Trichlorobenzene	50.0	42.4	MNR1	ug/L	85%	57 - 144	9042326	04/13/09 20:00
1,2,4-Trichlorobenzene	50.0	46.5	MNR1	ug/L	93%	60 - 140	9042326	04/13/09 20:00
1,1,2-Trichloroethane	50.0	55.3	MNR1	ug/L	111%	80 - 122	9042326	04/13/09 20:00
1,1,1-Trichloroethane	50.0	53.1	MNR1	ug/L	106%	80 - 131	9042326	04/13/09 20:00
Trichloroethene	50.0	50.7	MNR1	ug/L	101%	80 - 131	9042326	04/13/09 20:00
Trichlorofluoromethane	50.0	49.5	MNR1	ug/L	99%	68 - 125	9042326	04/13/09 20:00
1,2,3-Trichloropropane	50.0	54.1	MNR1	ug/L	108%	60 - 127	9042326	04/13/09 20:00
1,3,5-Trimethylbenzene	50.0	59.4	MNR1	ug/L	119%	80 - 129	9042326	04/13/09 20:00
1,2,4-Trimethylbenzene	50.0	59.5	MNR1	ug/L	119%	80 - 128	9042326	04/13/09 20:00
Vinyl chloride	50.0	47.1	MNR1	ug/L	94%	69 - 120	9042326	04/13/09 20:00
Xylenes, total	150	167	MNR1	ug/L	112%	80 - 129	9042326	04/13/09 20:00
Surrogate: 1,2-Dichloroethane-d4	25.0	24.8			99%	60 - 140	9042326	04/13/09 20:00

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:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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								
9042326-BS1								
Surrogate: Dibromofluoromethane	25.0	24.5			98%	75 - 124	9042326	04/13/09 20:00
Surrogate: Toluene-d8	25.0	26.0			104%	78 - 121	9042326	04/13/09 20:00
Surrogate: 4-Bromofluorobenzene	25.0	25.5			102%	79 - 124	9042326	04/13/09 20:00

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:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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												
9041887-BSD1												
Acetone		272		ug/L	250	109%	62 - 150	2	29	9041887		04/10/09 10:27
Benzene		53.8		ug/L	50.0	108%	80 - 137	0.3	23	9041887		04/10/09 10:27
Bromobenzene		48.7		ug/L	50.0	97%	74 - 131	0.04	18	9041887		04/10/09 10:27
Bromochloromethane		52.3		ug/L	50.0	105%	80 - 128	2	18	9041887		04/10/09 10:27
Bromodichloromethane		54.7		ug/L	50.0	109%	80 - 129	0.8	18	9041887		04/10/09 10:27
Bromoform		55.0		ug/L	50.0	110%	69 - 127	2	24	9041887		04/10/09 10:27
Bromomethane		49.6		ug/L	50.0	99%	62 - 148	0.06	45	9041887		04/10/09 10:27
2-Butanone		273		ug/L	250	109%	77 - 141	2	36	9041887		04/10/09 10:27
sec-Butylbenzene		52.5		ug/L	50.0	105%	78 - 133	0.2	17	9041887		04/10/09 10:27
n-Butylbenzene		52.3		ug/L	50.0	105%	72 - 136	0.5	18	9041887		04/10/09 10:27
tert-Butylbenzene		51.4		ug/L	50.0	103%	77 - 135	1	17	9041887		04/10/09 10:27
Carbon disulfide		56.4		ug/L	50.0	113%	80 - 126	0.5	16	9041887		04/10/09 10:27
Carbon Tetrachloride		58.1		ug/L	50.0	116%	76 - 143	2	29	9041887		04/10/09 10:27
Chlorobenzene		52.1		ug/L	50.0	104%	80 - 120	0.2	27	9041887		04/10/09 10:27
Chlorodibromomethane		55.8		ug/L	50.0	112%	76 - 123	0.7	21	9041887		04/10/09 10:27
Chloroethane		41.0		ug/L	50.0	82%	77 - 127	0.9	32	9041887		04/10/09 10:27
Chloroform		51.7		ug/L	50.0	103%	80 - 133	0.4	28	9041887		04/10/09 10:27
Chloromethane		35.2		ug/L	50.0	70%	33 - 125	0.2	21	9041887		04/10/09 10:27
2-Chlorotoluene		48.5		ug/L	50.0	97%	80 - 127	0.5	16	9041887		04/10/09 10:27
4-Chlorotoluene		49.8		ug/L	50.0	100%	80 - 127	2	17	9041887		04/10/09 10:27
1,2-Dibromo-3-chloropropane		57.1		ug/L	50.0	114%	60 - 136	4	29	9041887		04/10/09 10:27
1,2-Dibromoethane (EDB)		54.4		ug/L	50.0	109%	80 - 125	1	21	9041887		04/10/09 10:27
Dibromomethane		53.0		ug/L	50.0	106%	80 - 124	0.5	20	9041887		04/10/09 10:27
1,4-Dichlorobenzene		50.7		ug/L	50.0	101%	80 - 120	1	19	9041887		04/10/09 10:27
1,3-Dichlorobenzene		52.2		ug/L	50.0	104%	80 - 123	1	18	9041887		04/10/09 10:27
1,2-Dichlorobenzene		52.6		ug/L	50.0	105%	80 - 122	0.7	23	9041887		04/10/09 10:27
Dichlorodifluoromethane		35.0		ug/L	50.0	70%	36 - 120	0.4	14	9041887		04/10/09 10:27
1,1-Dichloroethane		52.8		ug/L	50.0	106%	76 - 130	1	15	9041887		04/10/09 10:27
1,2-Dichloroethane		51.2		ug/L	50.0	102%	69 - 136	0.2	26	9041887		04/10/09 10:27
cis-1,2-Dichloroethene		54.3		ug/L	50.0	109%	80 - 129	2	14	9041887		04/10/09 10:27
1,1-Dichloroethene		52.4		ug/L	50.0	105%	80 - 127	0.9	26	9041887		04/10/09 10:27
trans-1,2-Dichloroethene		53.2		ug/L	50.0	106%	80 - 131	0.4	14	9041887		04/10/09 10:27
1,3-Dichloropropane		53.4		ug/L	50.0	107%	80 - 122	2	21	9041887		04/10/09 10:27
1,2-Dichloropropane		50.5		ug/L	50.0	101%	80 - 120	3	16	9041887		04/10/09 10:27
2,2-Dichloropropane		53.7		ug/L	50.0	107%	62 - 142	0.3	14	9041887		04/10/09 10:27
cis-1,3-Dichloropropene		54.4		ug/L	50.0	109%	76 - 135	2	19	9041887		04/10/09 10:27
trans-1,3-Dichloropropene		55.7		ug/L	50.0	111%	70 - 137	4	20	9041887		04/10/09 10:27
1,1-Dichloropropene		53.8		ug/L	50.0	108%	80 - 127	2	14	9041887		04/10/09 10:27
Ethylbenzene		53.7		ug/L	50.0	107%	80 - 128	0.6	17	9041887		04/10/09 10:27
Hexachlorobutadiene		63.4		ug/L	50.0	127%	68 - 148	1	34	9041887		04/10/09 10:27
2-Hexanone		270		ug/L	250	108%	69 - 148	1	34	9041887		04/10/09 10:27

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

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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												
9041887-BSD1												
Isopropylbenzene		57.4		ug/L	50.0	115%	80 - 121	1	18	9041887		04/10/09 10:27
p-Isopropyltoluene		52.2		ug/L	50.0	104%	79 - 127	0.3	17	9041887		04/10/09 10:27
Methyl tert-Butyl Ether		51.6		ug/L	50.0	103%	70 - 129	0.3	32	9041887		04/10/09 10:27
Methylene Chloride		51.6		ug/L	50.0	103%	76 - 135	1	18	9041887		04/10/09 10:27
4-Methyl-2-pentanone		255		ug/L	250	102%	67 - 143	2	31	9041887		04/10/09 10:27
Naphthalene		57.9		ug/L	50.0	116%	62 - 141	0.4	39	9041887		04/10/09 10:27
n-Propylbenzene		50.7		ug/L	50.0	101%	80 - 132	0.4	17	9041887		04/10/09 10:27
Styrene		60.0		ug/L	50.0	120%	80 - 139	0.8	16	9041887		04/10/09 10:27
1,1,1,2-Tetrachloroethane		55.7		ug/L	50.0	111%	80 - 135	0.5	17	9041887		04/10/09 10:27
1,1,2,2-Tetrachloroethane		49.4		ug/L	50.0	99%	65 - 145	0.8	28	9041887		04/10/09 10:27
Tetrachloroethene		55.6		ug/L	50.0	111%	80 - 125	0.1	27	9041887		04/10/09 10:27
Toluene		55.2		ug/L	50.0	110%	80 - 125	2	19	9041887		04/10/09 10:27
1,2,3-Trichlorobenzene		55.6		ug/L	50.0	111%	57 - 144	1	31	9041887		04/10/09 10:27
1,2,4-Trichlorobenzene		60.0		ug/L	50.0	120%	60 - 140	3	26	9041887		04/10/09 10:27
1,1,2-Trichloroethane		53.2		ug/L	50.0	106%	80 - 122	1	21	9041887		04/10/09 10:27
1,1,1-Trichloroethane		54.7		ug/L	50.0	109%	80 - 131	0.9	16	9041887		04/10/09 10:27
Trichloroethene		56.4		ug/L	50.0	113%	80 - 131	3	28	9041887		04/10/09 10:27
Trichlorofluoromethane		43.3		ug/L	50.0	87%	68 - 125	1	20	9041887		04/10/09 10:27
1,2,3-Trichloropropane		46.2		ug/L	50.0	92%	60 - 127	1	26	9041887		04/10/09 10:27
1,3,5-Trimethylbenzene		51.7		ug/L	50.0	103%	80 - 129	1	16	9041887		04/10/09 10:27
1,2,4-Trimethylbenzene		53.2		ug/L	50.0	106%	80 - 128	1	22	9041887		04/10/09 10:27
Vinyl chloride		37.3		ug/L	50.0	75%	69 - 120	2	26	9041887		04/10/09 10:27
Xylenes, total		169		ug/L	150	113%	80 - 129	1	18	9041887		04/10/09 10:27
Surrogate: 1,2-Dichloroethane-d4		46.8		ug/L	50.0	94%	60 - 140			9041887		04/10/09 10:27
Surrogate: Dibromofluoromethane		49.9		ug/L	50.0	100%	75 - 124			9041887		04/10/09 10:27
Surrogate: Toluene-d8		49.0		ug/L	50.0	98%	78 - 121			9041887		04/10/09 10:27
Surrogate: 4-Bromofluorobenzene		46.4		ug/L	50.0	93%	79 - 124			9041887		04/10/09 10:27
9042259-BSD1												
Acetone		277		ug/L	250	111%	62 - 150	22	29	9042259		04/12/09 08:06
Benzene		49.1		ug/L	50.0	98%	80 - 137	0.5	23	9042259		04/12/09 08:06
Bromobenzene		52.4		ug/L	50.0	105%	74 - 131	0.9	18	9042259		04/12/09 08:06
Bromochloromethane		45.8		ug/L	50.0	92%	80 - 128	5	18	9042259		04/12/09 08:06
Bromodichloromethane		51.1		ug/L	50.0	102%	80 - 129	0.7	18	9042259		04/12/09 08:06
Bromoform		46.3		ug/L	50.0	93%	69 - 127	0.2	24	9042259		04/12/09 08:06
Bromomethane		46.0		ug/L	50.0	92%	62 - 148	2	45	9042259		04/12/09 08:06
2-Butanone		249		ug/L	250	100%	77 - 141	5	36	9042259		04/12/09 08:06
sec-Butylbenzene		57.9		ug/L	50.0	116%	78 - 133	1	17	9042259		04/12/09 08:06
n-Butylbenzene		50.3		ug/L	50.0	101%	72 - 136	1	18	9042259		04/12/09 08:06
tert-Butylbenzene		56.6		ug/L	50.0	113%	77 - 135	0.5	17	9042259		04/12/09 08:06
Carbon disulfide		52.2		ug/L	50.0	104%	80 - 126	0.1	16	9042259		04/12/09 08:06

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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												
9042259-BSD1												
Carbon Tetrachloride		45.6		ug/L	50.0	91%	76 - 143	0.5	29	9042259		04/12/09 08:06
Chlorobenzene		49.8		ug/L	50.0	100%	80 - 120	0.4	27	9042259		04/12/09 08:06
Chlorodibromomethane		46.6		ug/L	50.0	93%	76 - 123	1	21	9042259		04/12/09 08:06
Chloroethane		46.1		ug/L	50.0	92%	77 - 127	1	32	9042259		04/12/09 08:06
Chloroform		46.0		ug/L	50.0	92%	80 - 133	0.7	28	9042259		04/12/09 08:06
Chloromethane		43.1		ug/L	50.0	86%	33 - 125	0.8	21	9042259		04/12/09 08:06
2-Chlorotoluene		55.5		ug/L	50.0	111%	80 - 127	0.9	16	9042259		04/12/09 08:06
4-Chlorotoluene		55.6		ug/L	50.0	111%	80 - 127	1	17	9042259		04/12/09 08:06
1,2-Dibromo-3-chloropropane		47.7		ug/L	50.0	95%	60 - 136	3	29	9042259		04/12/09 08:06
1,2-Dibromoethane (EDB)		53.8		ug/L	50.0	108%	80 - 125	0.3	21	9042259		04/12/09 08:06
Dibromomethane		48.1		ug/L	50.0	96%	80 - 124	1	20	9042259		04/12/09 08:06
1,4-Dichlorobenzene		52.1		ug/L	50.0	104%	80 - 120	0.6	19	9042259		04/12/09 08:06
1,3-Dichlorobenzene		53.6		ug/L	50.0	107%	80 - 123	0.4	18	9042259		04/12/09 08:06
1,2-Dichlorobenzene		53.3		ug/L	50.0	107%	80 - 122	0.1	23	9042259		04/12/09 08:06
Dichlorodifluoromethane		42.4		ug/L	50.0	85%	36 - 120	0.5	14	9042259		04/12/09 08:06
1,1-Dichloroethane		49.2		ug/L	50.0	98%	76 - 130	0.4	15	9042259		04/12/09 08:06
1,2-Dichloroethane		47.1		ug/L	50.0	94%	69 - 136	0.7	26	9042259		04/12/09 08:06
cis-1,2-Dichloroethene		51.1		ug/L	50.0	102%	80 - 129	1	14	9042259		04/12/09 08:06
1,1-Dichloroethene		51.8		ug/L	50.0	104%	80 - 127	5	26	9042259		04/12/09 08:06
trans-1,2-Dichloroethene		50.1		ug/L	50.0	100%	80 - 131	1	14	9042259		04/12/09 08:06
1,3-Dichloropropane		53.3		ug/L	50.0	107%	80 - 122	1	21	9042259		04/12/09 08:06
1,2-Dichloropropane		46.9		ug/L	50.0	94%	80 - 120	1	16	9042259		04/12/09 08:06
2,2-Dichloropropane		54.9		ug/L	50.0	110%	62 - 142	0.6	14	9042259		04/12/09 08:06
cis-1,3-Dichloropropene		50.9		ug/L	50.0	102%	76 - 135	0.3	19	9042259		04/12/09 08:06
trans-1,3-Dichloropropene		48.8		ug/L	50.0	98%	70 - 137	0	20	9042259		04/12/09 08:06
1,1-Dichloropropene		51.5		ug/L	50.0	103%	80 - 127	1	14	9042259		04/12/09 08:06
Ethylbenzene		53.4		ug/L	50.0	107%	80 - 128	0.4	17	9042259		04/12/09 08:06
Hexachlorobutadiene		58.5		ug/L	50.0	117%	68 - 148	1	34	9042259		04/12/09 08:06
2-Hexanone		280		ug/L	250	112%	69 - 148	5	34	9042259		04/12/09 08:06
Isopropylbenzene		51.1		ug/L	50.0	102%	80 - 121	0.7	18	9042259		04/12/09 08:06
p-Isopropyltoluene		56.6		ug/L	50.0	113%	79 - 127	0.7	17	9042259		04/12/09 08:06
Methyl tert-Butyl Ether		49.8		ug/L	50.0	100%	70 - 129	3	32	9042259		04/12/09 08:06
Methylene Chloride		42.8		ug/L	50.0	86%	76 - 135	0.6	18	9042259		04/12/09 08:06
4-Methyl-2-pentanone		285		ug/L	250	114%	67 - 143	2	31	9042259		04/12/09 08:06
Naphthalene		49.8		ug/L	50.0	100%	62 - 141	0.6	39	9042259		04/12/09 08:06
n-Propylbenzene		57.0		ug/L	50.0	114%	80 - 132	1	17	9042259		04/12/09 08:06
Styrene		58.2		ug/L	50.0	116%	80 - 139	0.5	16	9042259		04/12/09 08:06
1,1,1,2-Tetrachloroethane		48.6		ug/L	50.0	97%	80 - 135	0.06	17	9042259		04/12/09 08:06
1,1,2,2-Tetrachloroethane		56.4		ug/L	50.0	113%	65 - 145	0.8	28	9042259		04/12/09 08:06
Tetrachloroethene		50.2		ug/L	50.0	100%	80 - 125	0.9	27	9042259		04/12/09 08:06
Toluene		51.8		ug/L	50.0	104%	80 - 125	0.3	19	9042259		04/12/09 08:06

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

Client	Mabbett & Associates. Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford. MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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												
9042259-BSD1												
1,2,3-Trichlorobenzene		46.6		ug/L	50.0	93%	57 - 144	0.6	31	9042259		04/12/09 08:06
1,2,4-Trichlorobenzene		48.5		ug/L	50.0	97%	60 - 140	0.9	26	9042259		04/12/09 08:06
1,1,2-Trichloroethane		51.6		ug/L	50.0	103%	80 - 122	0.5	21	9042259		04/12/09 08:06
1,1,1-Trichloroethane		50.8		ug/L	50.0	102%	80 - 131	0.7	16	9042259		04/12/09 08:06
Trichloroethene		47.3		ug/L	50.0	95%	80 - 131	0.2	28	9042259		04/12/09 08:06
Trichlorofluoromethane		47.6		ug/L	50.0	95%	68 - 125	1	20	9042259		04/12/09 08:06
1,2,3-Trichloropropane		53.7		ug/L	50.0	107%	60 - 127	0.5	26	9042259		04/12/09 08:06
1,3,5-Trimethylbenzene		57.4		ug/L	50.0	115%	80 - 129	2	16	9042259		04/12/09 08:06
1,2,4-Trimethylbenzene		57.8		ug/L	50.0	116%	80 - 128	1	22	9042259		04/12/09 08:06
Vinyl chloride		44.5		ug/L	50.0	89%	69 - 120	1	26	9042259		04/12/09 08:06
Xylenes, total		161		ug/L	150	107%	80 - 129	0.6	18	9042259		04/12/09 08:06
Surrogate: 1,2-Dichloroethane-d4		24.7		ug/L	25.0	99%	60 - 140			9042259		04/12/09 08:06
Surrogate: Dibromofluoromethane		24.4		ug/L	25.0	98%	75 - 124			9042259		04/12/09 08:06
Surrogate: Toluene-d8		26.0		ug/L	25.0	104%	78 - 121			9042259		04/12/09 08:06
Surrogate: 4-Bromofluorobenzene		26.0		ug/L	25.0	104%	79 - 124			9042259		04/12/09 08:06
9042260-BSD1												
Acetone		237		ug/L	250	95%	62 - 150	8	29	9042260		04/12/09 19:21
Benzene		50.6		ug/L	50.0	101%	80 - 137	11	23	9042260		04/12/09 19:21
Bromobenzene		54.0		ug/L	50.0	108%	74 - 131	12	18	9042260		04/12/09 19:21
Bromochloromethane		47.6		ug/L	50.0	95%	80 - 128	13	18	9042260		04/12/09 19:21
Bromodichloromethane		52.1		ug/L	50.0	104%	80 - 129	12	18	9042260		04/12/09 19:21
Bromoform		46.0		ug/L	50.0	92%	69 - 127	13	24	9042260		04/12/09 19:21
Bromomethane		46.2		ug/L	50.0	92%	62 - 148	2	45	9042260		04/12/09 19:21
2-Butanone		235		ug/L	250	94%	77 - 141	14	36	9042260		04/12/09 19:21
sec-Butylbenzene		59.7		ug/L	50.0	119%	78 - 133	12	17	9042260		04/12/09 19:21
n-Butylbenzene		50.5		ug/L	50.0	101%	72 - 136	12	18	9042260		04/12/09 19:21
tert-Butylbenzene		58.3		ug/L	50.0	117%	77 - 135	11	17	9042260		04/12/09 19:21
Carbon disulfide		54.7		ug/L	50.0	109%	80 - 126	16	16	9042260		04/12/09 19:21
Carbon Tetrachloride		47.0		ug/L	50.0	94%	76 - 143	11	29	9042260		04/12/09 19:21
Chlorobenzene		51.3		ug/L	50.0	103%	80 - 120	10	27	9042260		04/12/09 19:21
Chlorodibromomethane		47.3		ug/L	50.0	95%	76 - 123	11	21	9042260		04/12/09 19:21
Chloroethane		47.4		ug/L	50.0	95%	77 - 127	1	32	9042260		04/12/09 19:21
Chloroform		47.0		ug/L	50.0	94%	80 - 133	11	28	9042260		04/12/09 19:21
Chloromethane		47.1		ug/L	50.0	94%	33 - 125	2	21	9042260		04/12/09 19:21
2-Chlorotoluene		57.1		ug/L	50.0	114%	80 - 127	11	16	9042260		04/12/09 19:21
4-Chlorotoluene		57.0		ug/L	50.0	114%	80 - 127	12	17	9042260		04/12/09 19:21
1,2-Dibromo-3-chloropropane		46.9		ug/L	50.0	94%	60 - 136	14	29	9042260		04/12/09 19:21
1,2-Dibromoethane (EDB)		54.8		ug/L	50.0	110%	80 - 125	12	21	9042260		04/12/09 19:21
Dibromomethane		48.5		ug/L	50.0	97%	80 - 124	12	20	9042260		04/12/09 19:21
1,4-Dichlorobenzene		52.5		ug/L	50.0	105%	80 - 120	12	19	9042260		04/12/09 19:21

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:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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												
9042260-BSD1												
1,3-Dichlorobenzene		53.9		ug/L	50.0	108%	80 - 123	12	18	9042260		04/12/09 19:21
1,2-Dichlorobenzene		53.6		ug/L	50.0	107%	80 - 122	11	23	9042260		04/12/09 19:21
Dichlorodifluoromethane		43.6		ug/L	50.0	87%	36 - 120	0.7	14	9042260		04/12/09 19:21
1,1-Dichloroethane		50.8		ug/L	50.0	102%	76 - 130	11	15	9042260		04/12/09 19:21
1,2-Dichloroethane		47.8		ug/L	50.0	96%	69 - 136	12	26	9042260		04/12/09 19:21
cis-1,2-Dichloroethene		50.8		ug/L	50.0	102%	80 - 129	12	14	9042260		04/12/09 19:21
1,1-Dichloroethene		54.3		ug/L	50.0	109%	80 - 127	9	26	9042260		04/12/09 19:21
trans-1,2-Dichloroethene		51.6		ug/L	50.0	103%	80 - 131	12	14	9042260		04/12/09 19:21
1,3-Dichloropropane		54.4		ug/L	50.0	109%	80 - 122	11	21	9042260		04/12/09 19:21
1,2-Dichloropropane		48.3		ug/L	50.0	97%	80 - 120	11	16	9042260		04/12/09 19:21
2,2-Dichloropropane		44.3	R7	ug/L	50.0	89%	62 - 142	17	14	9042260		04/12/09 19:21
cis-1,3-Dichloropropene		50.3		ug/L	50.0	101%	76 - 135	11	19	9042260		04/12/09 19:21
trans-1,3-Dichloropropene		47.8		ug/L	50.0	96%	70 - 137	12	20	9042260		04/12/09 19:21
1,1-Dichloropropene		53.4		ug/L	50.0	107%	80 - 127	11	14	9042260		04/12/09 19:21
Ethylbenzene		55.6		ug/L	50.0	111%	80 - 128	10	17	9042260		04/12/09 19:21
Hexachlorobutadiene		57.1		ug/L	50.0	114%	68 - 148	11	34	9042260		04/12/09 19:21
2-Hexanone		274		ug/L	250	109%	69 - 148	14	34	9042260		04/12/09 19:21
Isopropylbenzene		53.1		ug/L	50.0	106%	80 - 121	10	18	9042260		04/12/09 19:21
p-Isopropyltoluene		57.8		ug/L	50.0	116%	79 - 127	12	17	9042260		04/12/09 19:21
Methyl tert-Butyl Ether		50.4		ug/L	50.0	101%	70 - 129	13	32	9042260		04/12/09 19:21
Methylene Chloride		43.7		ug/L	50.0	87%	76 - 135	10	18	9042260		04/12/09 19:21
4-Methyl-2-pentanone		287		ug/L	250	115%	67 - 143	14	31	9042260		04/12/09 19:21
Naphthalene		44.8		ug/L	50.0	90%	62 - 141	12	39	9042260		04/12/09 19:21
n-Propylbenzene		58.9		ug/L	50.0	118%	80 - 132	11	17	9042260		04/12/09 19:21
Styrene		59.8		ug/L	50.0	120%	80 - 139	10	16	9042260		04/12/09 19:21
1,1,1,2-Tetrachloroethane		49.5		ug/L	50.0	99%	80 - 135	10	17	9042260		04/12/09 19:21
1,1,2,2-Tetrachloroethane		56.5		ug/L	50.0	113%	65 - 145	14	28	9042260		04/12/09 19:21
Tetrachloroethene		51.5		ug/L	50.0	103%	80 - 125	10	27	9042260		04/12/09 19:21
Toluene		53.6		ug/L	50.0	107%	80 - 125	10	19	9042260		04/12/09 19:21
1,2,3-Trichlorobenzene		40.2		ug/L	50.0	80%	57 - 144	11	31	9042260		04/12/09 19:21
1,2,4-Trichlorobenzene		44.4		ug/L	50.0	89%	60 - 140	10	26	9042260		04/12/09 19:21
1,1,2-Trichloroethane		52.6		ug/L	50.0	105%	80 - 122	12	21	9042260		04/12/09 19:21
1,1,1-Trichloroethane		52.1		ug/L	50.0	104%	80 - 131	12	16	9042260		04/12/09 19:21
Trichloroethene		53.9	B	ug/L	50.0	108%	80 - 131	12	28	9042260		04/12/09 19:21
Trichlorofluoromethane		49.6		ug/L	50.0	99%	68 - 125	0.7	20	9042260		04/12/09 19:21
1,2,3-Trichloropropane		51.1		ug/L	50.0	102%	60 - 127	16	26	9042260		04/12/09 19:21
1,3,5-Trimethylbenzene		59.6		ug/L	50.0	119%	80 - 129	12	16	9042260		04/12/09 19:21
1,2,4-Trimethylbenzene		59.4		ug/L	50.0	119%	80 - 128	12	22	9042260		04/12/09 19:21
Vinyl chloride		47.1		ug/L	50.0	94%	69 - 120	1	26	9042260		04/12/09 19:21
Xylenes, total		166		ug/L	150	111%	80 - 129	10	18	9042260		04/12/09 19:21
Surrogate: 1,2-Dichloroethane-d4		24.4		ug/L	25.0	98%	60 - 140			9042260		04/12/09 19:21

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

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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												
9042260-BSD1												
Surrogate: Dibromofluoromethane		24.1		ug/L	25.0	97%	75 - 124			9042260		04/12/09 19:21
Surrogate: Toluene-d8		26.2		ug/L	25.0	105%	78 - 121			9042260		04/12/09 19:21
Surrogate: 4-Bromofluorobenzene		26.2		ug/L	25.0	105%	79 - 124			9042260		04/12/09 19:21
9042326-BSD1												
Acetone		244		ug/L	250	98%	62 - 150	0.8	29	9042326		04/13/09 20:25
Benzene		50.6		ug/L	50.0	101%	80 - 137	1	23	9042326		04/13/09 20:25
Bromobenzene		53.9		ug/L	50.0	108%	74 - 131	0.2	18	9042326		04/13/09 20:25
Bromochloromethane		47.6		ug/L	50.0	95%	80 - 128	3	18	9042326		04/13/09 20:25
Bromodichloromethane		54.0		ug/L	50.0	108%	80 - 129	0.8	18	9042326		04/13/09 20:25
Bromoform		49.4		ug/L	50.0	99%	69 - 127	0.5	24	9042326		04/13/09 20:25
Bromomethane		50.0		ug/L	50.0	100%	62 - 148	0.6	45	9042326		04/13/09 20:25
2-Butanone		252		ug/L	250	101%	77 - 141	0.2	36	9042326		04/13/09 20:25
sec-Butylbenzene		58.9		ug/L	50.0	118%	78 - 133	1	17	9042326		04/13/09 20:25
n-Butylbenzene		49.9		ug/L	50.0	100%	72 - 136	1	18	9042326		04/13/09 20:25
tert-Butylbenzene		57.6		ug/L	50.0	115%	77 - 135	0.7	17	9042326		04/13/09 20:25
Carbon disulfide		52.3		ug/L	50.0	105%	80 - 126	1	16	9042326		04/13/09 20:25
Carbon Tetrachloride		47.5		ug/L	50.0	95%	76 - 143	1	29	9042326		04/13/09 20:25
Chlorobenzene		52.4		ug/L	50.0	105%	80 - 120	0.04	27	9042326		04/13/09 20:25
Chlorodibromomethane		49.8		ug/L	50.0	100%	76 - 123	0.6	21	9042326		04/13/09 20:25
Chloroethane		47.8		ug/L	50.0	96%	77 - 127	1	32	9042326		04/13/09 20:25
Chloroform		47.8		ug/L	50.0	96%	80 - 133	1	28	9042326		04/13/09 20:25
Chloromethane		44.5		ug/L	50.0	89%	33 - 125	0.3	21	9042326		04/13/09 20:25
2-Chlorotoluene		56.4		ug/L	50.0	113%	80 - 127	0.5	16	9042326		04/13/09 20:25
4-Chlorotoluene		56.4		ug/L	50.0	113%	80 - 127	0.3	17	9042326		04/13/09 20:25
1,2-Dibromo-3-chloropropane		48.4		ug/L	50.0	97%	60 - 136	0.8	29	9042326		04/13/09 20:25
1,2-Dibromoethane (EDB)		57.4		ug/L	50.0	115%	80 - 125	0.5	21	9042326		04/13/09 20:25
Dibromomethane		51.2		ug/L	50.0	102%	80 - 124	0.3	20	9042326		04/13/09 20:25
1,4-Dichlorobenzene		53.1		ug/L	50.0	106%	80 - 120	1	19	9042326		04/13/09 20:25
1,3-Dichlorobenzene		54.7		ug/L	50.0	109%	80 - 123	1	18	9042326		04/13/09 20:25
1,2-Dichlorobenzene		54.3		ug/L	50.0	109%	80 - 122	0.9	23	9042326		04/13/09 20:25
Dichlorodifluoromethane		42.3		ug/L	50.0	85%	36 - 120	2	14	9042326		04/13/09 20:25
1,1-Dichloroethane		51.1		ug/L	50.0	102%	76 - 130	1	15	9042326		04/13/09 20:25
1,2-Dichloroethane		50.1		ug/L	50.0	100%	69 - 136	1	26	9042326		04/13/09 20:25
cis-1,2-Dichloroethene		52.0		ug/L	50.0	104%	80 - 129	0.9	14	9042326		04/13/09 20:25
1,1-Dichloroethene		50.3		ug/L	50.0	101%	80 - 127	1	26	9042326		04/13/09 20:25
trans-1,2-Dichloroethene		51.2		ug/L	50.0	102%	80 - 131	2	14	9042326		04/13/09 20:25
1,3-Dichloropropane		56.4		ug/L	50.0	113%	80 - 122	0.5	21	9042326		04/13/09 20:25
1,2-Dichloropropane		48.9		ug/L	50.0	98%	80 - 120	1	16	9042326		04/13/09 20:25
2,2-Dichloropropane		50.0		ug/L	50.0	100%	62 - 142	0.9	14	9042326		04/13/09 20:25
cis-1,3-Dichloropropene		53.0		ug/L	50.0	106%	76 - 135	0.2	19	9042326		04/13/09 20:25

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:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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												
9042326-BSD1												
trans-1,3-Dichloropropene		51.1		ug/L	50.0	102%	70 - 137	0.9	20	9042326		04/13/09 20:25
1,1-Dichloropropene		53.0		ug/L	50.0	106%	80 - 127	1	14	9042326		04/13/09 20:25
Ethylbenzene		55.6		ug/L	50.0	111%	80 - 128	0.02	17	9042326		04/13/09 20:25
Hexachlorobutadiene		57.5		ug/L	50.0	115%	68 - 148	3	34	9042326		04/13/09 20:25
2-Hexanone		285		ug/L	250	114%	69 - 148	2	34	9042326		04/13/09 20:25
Isopropylbenzene		53.3		ug/L	50.0	107%	80 - 121	0.7	18	9042326		04/13/09 20:25
p-Isopropyltoluene		57.4		ug/L	50.0	115%	79 - 127	1	17	9042326		04/13/09 20:25
Methyl tert-Butyl Ether		52.4		ug/L	50.0	105%	70 - 129	0.5	32	9042326		04/13/09 20:25
Methylene Chloride		44.1		ug/L	50.0	88%	76 - 135	2	18	9042326		04/13/09 20:25
4-Methyl-2-pentanone		299		ug/L	250	120%	67 - 143	2	31	9042326		04/13/09 20:25
Naphthalene		45.0		ug/L	50.0	90%	62 - 141	3	39	9042326		04/13/09 20:25
n-Propylbenzene		57.8		ug/L	50.0	116%	80 - 132	0.02	17	9042326		04/13/09 20:25
Styrene		61.0		ug/L	50.0	122%	80 - 139	0.3	16	9042326		04/13/09 20:25
1,1,1,2-Tetrachloroethane		51.4		ug/L	50.0	103%	80 - 135	0.7	17	9042326		04/13/09 20:25
1,1,2,2-Tetrachloroethane		58.0		ug/L	50.0	116%	65 - 145	1	28	9042326		04/13/09 20:25
Tetrachloroethene		53.0		ug/L	50.0	106%	80 - 125	0.2	27	9042326		04/13/09 20:25
Toluene		54.1		ug/L	50.0	108%	80 - 125	0.6	19	9042326		04/13/09 20:25
1,2,3-Trichlorobenzene		41.0		ug/L	50.0	82%	57 - 144	3	31	9042326		04/13/09 20:25
1,2,4-Trichlorobenzene		45.3		ug/L	50.0	91%	60 - 140	3	26	9042326		04/13/09 20:25
1,1,2-Trichloroethane		55.2		ug/L	50.0	110%	80 - 122	0.2	21	9042326		04/13/09 20:25
1,1,1-Trichloroethane		52.4		ug/L	50.0	105%	80 - 131	1	16	9042326		04/13/09 20:25
Trichloroethene		49.9		ug/L	50.0	100%	80 - 131	2	28	9042326		04/13/09 20:25
Trichlorofluoromethane		48.2		ug/L	50.0	96%	68 - 125	3	20	9042326		04/13/09 20:25
1,2,3-Trichloropropane		54.6		ug/L	50.0	109%	60 - 127	1	26	9042326		04/13/09 20:25
1,3,5-Trimethylbenzene		58.9		ug/L	50.0	118%	80 - 129	0.7	16	9042326		04/13/09 20:25
1,2,4-Trimethylbenzene		59.1		ug/L	50.0	118%	80 - 128	0.7	22	9042326		04/13/09 20:25
Vinyl chloride		46.4		ug/L	50.0	93%	69 - 120	1	26	9042326		04/13/09 20:25
Xylenes, total		167		ug/L	150	111%	80 - 129	0.5	18	9042326		04/13/09 20:25
Surrogate: 1,2-Dichloroethane-d4		24.7		ug/L	25.0	99%	60 - 140			9042326		04/13/09 20:25
Surrogate: Dibromofluoromethane		24.5		ug/L	25.0	98%	75 - 124			9042326		04/13/09 20:25
Surrogate: Toluene-d8		26.4		ug/L	25.0	106%	78 - 121			9042326		04/13/09 20:25
Surrogate: 4-Bromofluorobenzene		25.7		ug/L	25.0	103%	79 - 124			9042326		04/13/09 20:25

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:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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										
9042259-MS1										
Acetone	ND	222		ug/L	250	89%	55 - 148	9042259	NSD0721-10	04/14/09 18:50
Benzene	ND	53.0		ug/L	50.0	106%	68 - 143	9042259	NSD0721-10	04/14/09 18:50
Bromobenzene	ND	54.3		ug/L	50.0	109%	65 - 140	9042259	NSD0721-10	04/14/09 18:50
Bromochloromethane	ND	46.6		ug/L	50.0	93%	80 - 137	9042259	NSD0721-10	04/14/09 18:50
Bromodichloromethane	ND	53.9		ug/L	50.0	108%	80 - 132	9042259	NSD0721-10	04/14/09 18:50
Bromoform	ND	45.4		ug/L	50.0	91%	67 - 123	9042259	NSD0721-10	04/14/09 18:50
Bromomethane	ND	49.8		ug/L	50.0	100%	39 - 166	9042259	NSD0721-10	04/14/09 18:50
2-Butanone	ND	252		ug/L	250	101%	50 - 154	9042259	NSD0721-10	04/14/09 18:50
sec-Butylbenzene	ND	61.2		ug/L	50.0	122%	73 - 142	9042259	NSD0721-10	04/14/09 18:50
n-Butylbenzene	ND	52.1		ug/L	50.0	104%	64 - 147	9042259	NSD0721-10	04/14/09 18:50
tert-Butylbenzene	ND	60.2		ug/L	50.0	120%	70 - 148	9042259	NSD0721-10	04/14/09 18:50
Carbon disulfide	ND	55.5		ug/L	50.0	111%	79 - 147	9042259	NSD0721-10	04/14/09 18:50
Carbon Tetrachloride	ND	48.7		ug/L	50.0	97%	62 - 165	9042259	NSD0721-10	04/14/09 18:50
Chlorobenzene	ND	53.1		ug/L	50.0	106%	67 - 140	9042259	NSD0721-10	04/14/09 18:50
Chlorodibromomethane	ND	47.1		ug/L	50.0	94%	72 - 123	9042259	NSD0721-10	04/14/09 18:50
Chloroethane	ND	50.8		ug/L	50.0	102%	74 - 151	9042259	NSD0721-10	04/14/09 18:50
Chloroform	ND	50.3		ug/L	50.0	101%	59 - 152	9042259	NSD0721-10	04/14/09 18:50
Chloromethane	ND	44.4		ug/L	50.0	89%	33 - 138	9042259	NSD0721-10	04/14/09 18:50
2-Chlorotoluene	ND	57.9		ug/L	50.0	116%	76 - 134	9042259	NSD0721-10	04/14/09 18:50
4-Chlorotoluene	ND	57.9		ug/L	50.0	116%	80 - 133	9042259	NSD0721-10	04/14/09 18:50
1,2-Dibromo-3-chloropropane	ND	46.2		ug/L	50.0	92%	60 - 136	9042259	NSD0721-10	04/14/09 18:50
1,2-Dibromoethane (EDB)	ND	56.2		ug/L	50.0	112%	80 - 132	9042259	NSD0721-10	04/14/09 18:50
Dibromomethane	ND	50.4		ug/L	50.0	101%	79 - 131	9042259	NSD0721-10	04/14/09 18:50
1,4-Dichlorobenzene	ND	53.1		ug/L	50.0	106%	80 - 126	9042259	NSD0721-10	04/14/09 18:50
1,3-Dichlorobenzene	ND	54.6		ug/L	50.0	109%	75 - 132	9042259	NSD0721-10	04/14/09 18:50
1,2-Dichlorobenzene	ND	53.8		ug/L	50.0	108%	80 - 130	9042259	NSD0721-10	04/14/09 18:50
Dichlorodifluoromethane	ND	39.9		ug/L	50.0	80%	36 - 146	9042259	NSD0721-10	04/14/09 18:50
1,1-Dichloroethane	ND	53.9		ug/L	50.0	108%	76 - 131	9042259	NSD0721-10	04/14/09 18:50
1,2-Dichloroethane	ND	50.9		ug/L	50.0	102%	53 - 146	9042259	NSD0721-10	04/14/09 18:50
cis-1,2-Dichloroethene	19.8	76.6		ug/L	50.0	114%	76 - 141	9042259	NSD0721-10	04/14/09 18:50
1,1-Dichloroethene	ND	53.4		ug/L	50.0	107%	63 - 157	9042259	NSD0721-10	04/14/09 18:50
trans-1,2-Dichloroethene	2.26	57.4		ug/L	50.0	110%	78 - 137	9042259	NSD0721-10	04/14/09 18:50
1,3-Dichloropropane	ND	55.3		ug/L	50.0	111%	76 - 130	9042259	NSD0721-10	04/14/09 18:50
1,2-Dichloropropane	ND	50.6		ug/L	50.0	101%	77 - 128	9042259	NSD0721-10	04/14/09 18:50
2,2-Dichloropropane	ND	58.3		ug/L	50.0	117%	62 - 145	9042259	NSD0721-10	04/14/09 18:50
cis-1,3-Dichloropropene	ND	53.2		ug/L	50.0	106%	71 - 140	9042259	NSD0721-10	04/14/09 18:50
trans-1,3-Dichloropropene	ND	50.3		ug/L	50.0	101%	65 - 137	9042259	NSD0721-10	04/14/09 18:50

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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:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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										
9042259-MS1										
1,1-Dichloropropene	ND	57.0		ug/L	50.0	114%	80 - 136	9042259	NSD0721-10	04/14/09 18:50
Ethylbenzene	ND	57.5		ug/L	50.0	115%	80 - 135	9042259	NSD0721-10	04/14/09 18:50
Hexachlorobutadiene	ND	59.8		ug/L	50.0	120%	48 - 155	9042259	NSD0721-10	04/14/09 18:50
2-Hexanone	ND	283		ug/L	250	113%	58 - 154	9042259	NSD0721-10	04/14/09 18:50
Isopropylbenzene	ND	54.9		ug/L	50.0	110%	80 - 135	9042259	NSD0721-10	04/14/09 18:50
p-Isopropyltoluene	ND	59.0		ug/L	50.0	118%	74 - 139	9042259	NSD0721-10	04/14/09 18:50
Methyl tert-Butyl Ether	ND	51.4		ug/L	50.0	103%	60 - 144	9042259	NSD0721-10	04/14/09 18:50
Methylene Chloride	ND	45.2		ug/L	50.0	90%	64 - 140	9042259	NSD0721-10	04/14/09 18:50
4-Methyl-2-pentanone	ND	298		ug/L	250	119%	55 - 153	9042259	NSD0721-10	04/14/09 18:50
Naphthalene	ND	43.1		ug/L	50.0	86%	50 - 154	9042259	NSD0721-10	04/14/09 18:50
n-Propylbenzene	ND	60.4		ug/L	50.0	121%	78 - 141	9042259	NSD0721-10	04/14/09 18:50
Styrene	ND	61.0		ug/L	50.0	122%	80 - 139	9042259	NSD0721-10	04/14/09 18:50
1,1,1,2-Tetrachloroethane	ND	50.5		ug/L	50.0	101%	75 - 140	9042259	NSD0721-10	04/14/09 18:50
1,1,2,2-Tetrachloroethane	ND	56.7		ug/L	50.0	113%	55 - 152	9042259	NSD0721-10	04/14/09 18:50
Tetrachloroethene	ND	55.1		ug/L	50.0	110%	67 - 150	9042259	NSD0721-10	04/14/09 18:50
Toluene	ND	56.1		ug/L	50.0	112%	75 - 139	9042259	NSD0721-10	04/14/09 18:50
1,2,3-Trichlorobenzene	ND	38.6		ug/L	50.0	77%	49 - 144	9042259	NSD0721-10	04/14/09 18:50
1,2,4-Trichlorobenzene	ND	43.8		ug/L	50.0	88%	55 - 135	9042259	NSD0721-10	04/14/09 18:50
1,1,2-Trichloroethane	ND	53.8		ug/L	50.0	108%	77 - 128	9042259	NSD0721-10	04/14/09 18:50
1,1,1-Trichloroethane	ND	55.4		ug/L	50.0	111%	80 - 136	9042259	NSD0721-10	04/14/09 18:50
Trichloroethene	17.9	71.2		ug/L	50.0	107%	57 - 158	9042259	NSD0721-10	04/14/09 18:50
Trichlorofluoromethane	ND	51.0		ug/L	50.0	102%	68 - 145	9042259	NSD0721-10	04/14/09 18:50
1,2,3-Trichloropropane	ND	52.1		ug/L	50.0	104%	55 - 137	9042259	NSD0721-10	04/14/09 18:50
1,3,5-Trimethylbenzene	ND	60.6		ug/L	50.0	121%	78 - 136	9042259	NSD0721-10	04/14/09 18:50
1,2,4-Trimethylbenzene	ND	60.2		ug/L	50.0	120%	70 - 143	9042259	NSD0721-10	04/14/09 18:50
Vinyl chloride	0.270	49.2		ug/L	50.0	98%	49 - 156	9042259	NSD0721-10	04/14/09 18:50
Xylenes, total	ND	172		ug/L	150	114%	80 - 136	9042259	NSD0721-10	04/14/09 18:50
Surrogate: 1,2-Dichloroethane-d4		25.0		ug/L	25.0	100%	60 - 140	9042259	NSD0721-10	04/14/09 18:50
Surrogate: Dibromofluoromethane		24.5		ug/L	25.0	98%	75 - 124	9042259	NSD0721-10	04/14/09 18:50
Surrogate: Toluene-d8		26.1		ug/L	25.0	104%	78 - 121	9042259	NSD0721-10	04/14/09 18:50
Surrogate: 4-Bromofluorobenzene		26.3		ug/L	25.0	105%	79 - 124	9042259	NSD0721-10	04/14/09 18:50
9042260-MS1										
Acetone	ND	227		ug/L	250	91%	55 - 148	9042260	NSD0897-02	04/14/09 06:25
Benzene	ND	55.9		ug/L	50.0	112%	68 - 143	9042260	NSD0897-02	04/14/09 06:25
Bromobenzene	ND	58.4		ug/L	50.0	117%	65 - 140	9042260	NSD0897-02	04/14/09 06:25
Bromochloromethane	ND	48.0		ug/L	50.0	96%	80 - 137	9042260	NSD0897-02	04/14/09 06:25
Bromodichloromethane	ND	57.8		ug/L	50.0	116%	80 - 132	9042260	NSD0897-02	04/14/09 06:25

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:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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										
9042260-MS1										
Bromoform	ND	49.6		ug/L	50.0	99%	67 - 123	9042260	NSD0897-02	04/14/09 06:25
Bromomethane	ND	54.4		ug/L	50.0	109%	39 - 166	9042260	NSD0897-02	04/14/09 06:25
2-Butanone	ND	267		ug/L	250	107%	50 - 154	9042260	NSD0897-02	04/14/09 06:25
sec-Butylbenzene	ND	65.0		ug/L	50.0	130%	73 - 142	9042260	NSD0897-02	04/14/09 06:25
n-Butylbenzene	ND	53.2		ug/L	50.0	106%	64 - 147	9042260	NSD0897-02	04/14/09 06:25
tert-Butylbenzene	ND	63.8		ug/L	50.0	128%	70 - 148	9042260	NSD0897-02	04/14/09 06:25
Carbon disulfide	ND	57.1		ug/L	50.0	114%	79 - 147	9042260	NSD0897-02	04/14/09 06:25
Carbon Tetrachloride	ND	52.5		ug/L	50.0	105%	62 - 165	9042260	NSD0897-02	04/14/09 06:25
Chlorobenzene	ND	56.1		ug/L	50.0	112%	67 - 140	9042260	NSD0897-02	04/14/09 06:25
Chlorodibromomethane	ND	51.5		ug/L	50.0	103%	72 - 123	9042260	NSD0897-02	04/14/09 06:25
Chloroethane	0.260	53.2		ug/L	50.0	106%	74 - 151	9042260	NSD0897-02	04/14/09 06:25
Chloroform	1.32	53.9		ug/L	50.0	105%	59 - 152	9042260	NSD0897-02	04/14/09 06:25
Chloromethane	ND	47.2		ug/L	50.0	94%	33 - 138	9042260	NSD0897-02	04/14/09 06:25
2-Chlorotoluene	ND	61.3		ug/L	50.0	123%	76 - 134	9042260	NSD0897-02	04/14/09 06:25
4-Chlorotoluene	ND	60.6		ug/L	50.0	121%	80 - 133	9042260	NSD0897-02	04/14/09 06:25
1,2-Dibromo-3-chloropropane	ND	47.7		ug/L	50.0	95%	60 - 136	9042260	NSD0897-02	04/14/09 06:25
1,2-Dibromoethane (EDB)	ND	59.1		ug/L	50.0	118%	80 - 132	9042260	NSD0897-02	04/14/09 06:25
Dibromomethane	ND	52.9		ug/L	50.0	106%	79 - 131	9042260	NSD0897-02	04/14/09 06:25
1,4-Dichlorobenzene	ND	55.7		ug/L	50.0	111%	80 - 126	9042260	NSD0897-02	04/14/09 06:25
1,3-Dichlorobenzene	ND	57.2		ug/L	50.0	114%	75 - 132	9042260	NSD0897-02	04/14/09 06:25
1,2-Dichlorobenzene	ND	57.0		ug/L	50.0	114%	80 - 130	9042260	NSD0897-02	04/14/09 06:25
Dichlorodifluoromethane	ND	40.9		ug/L	50.0	82%	36 - 146	9042260	NSD0897-02	04/14/09 06:25
1,1-Dichloroethane	0.330	56.7		ug/L	50.0	113%	76 - 131	9042260	NSD0897-02	04/14/09 06:25
1,2-Dichloroethane	ND	53.1		ug/L	50.0	106%	53 - 146	9042260	NSD0897-02	04/14/09 06:25
cis-1,2-Dichloroethene	89.4	149		ug/L	50.0	119%	76 - 141	9042260	NSD0897-02	04/14/09 06:25
1,1-Dichloroethene	0.380	56.2		ug/L	50.0	112%	63 - 157	9042260	NSD0897-02	04/14/09 06:25
trans-1,2-Dichloroethene	0.290	56.8		ug/L	50.0	113%	78 - 137	9042260	NSD0897-02	04/14/09 06:25
1,3-Dichloropropane	ND	59.0		ug/L	50.0	118%	76 - 130	9042260	NSD0897-02	04/14/09 06:25
1,2-Dichloropropane	ND	53.6		ug/L	50.0	107%	77 - 128	9042260	NSD0897-02	04/14/09 06:25
2,2-Dichloropropane	ND	52.5		ug/L	50.0	105%	62 - 145	9042260	NSD0897-02	04/14/09 06:25
cis-1,3-Dichloropropene	ND	55.1		ug/L	50.0	110%	71 - 140	9042260	NSD0897-02	04/14/09 06:25
trans-1,3-Dichloropropene	ND	52.4		ug/L	50.0	105%	65 - 137	9042260	NSD0897-02	04/14/09 06:25
1,1-Dichloropropene	ND	59.4		ug/L	50.0	119%	80 - 136	9042260	NSD0897-02	04/14/09 06:25
Ethylbenzene	ND	60.8		ug/L	50.0	122%	80 - 135	9042260	NSD0897-02	04/14/09 06:25
Hexachlorobutadiene	ND	62.0		ug/L	50.0	124%	48 - 155	9042260	NSD0897-02	04/14/09 06:25
2-Hexanone	ND	291		ug/L	250	116%	58 - 154	9042260	NSD0897-02	04/14/09 06:25
Isopropylbenzene	ND	58.0		ug/L	50.0	116%	80 - 135	9042260	NSD0897-02	04/14/09 06:25

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:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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										
9042260-MS1										
p-Isopropyltoluene	ND	61.9		ug/L	50.0	124%	74 - 139	9042260	NSD0897-02	04/14/09 06:25
Methyl tert-Butyl Ether	ND	53.4		ug/L	50.0	107%	60 - 144	9042260	NSD0897-02	04/14/09 06:25
Methylene Chloride	ND	47.1		ug/L	50.0	94%	64 - 140	9042260	NSD0897-02	04/14/09 06:25
4-Methyl-2-pentanone	ND	305		ug/L	250	122%	55 - 153	9042260	NSD0897-02	04/14/09 06:25
Naphthalene	ND	46.0		ug/L	50.0	92%	50 - 154	9042260	NSD0897-02	04/14/09 06:25
n-Propylbenzene	ND	63.8		ug/L	50.0	128%	78 - 141	9042260	NSD0897-02	04/14/09 06:25
Styrene	ND	62.9		ug/L	50.0	126%	80 - 139	9042260	NSD0897-02	04/14/09 06:25
1,1,1,2-Tetrachloroethane	ND	54.4		ug/L	50.0	109%	75 - 140	9042260	NSD0897-02	04/14/09 06:25
1,1,2,2-Tetrachloroethane	ND	60.1		ug/L	50.0	120%	55 - 152	9042260	NSD0897-02	04/14/09 06:25
Tetrachloroethene	2.61	59.6		ug/L	50.0	114%	67 - 150	9042260	NSD0897-02	04/14/09 06:25
Toluene	ND	59.2		ug/L	50.0	118%	75 - 139	9042260	NSD0897-02	04/14/09 06:25
1,2,3-Trichlorobenzene	ND	41.4		ug/L	50.0	83%	49 - 144	9042260	NSD0897-02	04/14/09 06:25
1,2,4-Trichlorobenzene	ND	45.9		ug/L	50.0	92%	55 - 135	9042260	NSD0897-02	04/14/09 06:25
1,1,2-Trichloroethane	ND	57.4		ug/L	50.0	115%	77 - 128	9042260	NSD0897-02	04/14/09 06:25
1,1,1-Trichloroethane	ND	58.6		ug/L	50.0	117%	80 - 136	9042260	NSD0897-02	04/14/09 06:25
Trichloroethene	197	250	B	ug/L	50.0	105%	57 - 158	9042260	NSD0897-02	04/14/09 06:25
Trichlorofluoromethane	ND	54.0		ug/L	50.0	108%	68 - 145	9042260	NSD0897-02	04/14/09 06:25
1,2,3-Trichloropropane	ND	56.2		ug/L	50.0	112%	55 - 137	9042260	NSD0897-02	04/14/09 06:25
1,3,5-Trimethylbenzene	ND	63.6		ug/L	50.0	127%	78 - 136	9042260	NSD0897-02	04/14/09 06:25
1,2,4-Trimethylbenzene	ND	63.7		ug/L	50.0	127%	70 - 143	9042260	NSD0897-02	04/14/09 06:25
Vinyl chloride	ND	51.3		ug/L	50.0	103%	49 - 156	9042260	NSD0897-02	04/14/09 06:25
Xylenes, total	ND	181		ug/L	150	120%	80 - 136	9042260	NSD0897-02	04/14/09 06:25
Surrogate: 1,2-Dichloroethane-d4		25.0		ug/L	25.0	100%	60 - 140	9042260	NSD0897-02	04/14/09 06:25
Surrogate: Dibromofluoromethane		24.5		ug/L	25.0	98%	75 - 124	9042260	NSD0897-02	04/14/09 06:25
Surrogate: Toluene-d8		26.5		ug/L	25.0	106%	78 - 121	9042260	NSD0897-02	04/14/09 06:25
Surrogate: 4-Bromofluorobenzene		26.3		ug/L	25.0	105%	79 - 124	9042260	NSD0897-02	04/14/09 06:25

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:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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												
9042259-MSD1												
Acetone	ND	244		ug/L	250	98%	55 - 148	10	29	9042259	NSD0721-10	04/14/09 19:15
Benzene	ND	54.6		ug/L	50.0	109%	68 - 143	3	23	9042259	NSD0721-10	04/14/09 19:15
Bromobenzene	ND	56.0		ug/L	50.0	112%	65 - 140	3	18	9042259	NSD0721-10	04/14/09 19:15
Bromochloromethane	ND	46.8		ug/L	50.0	94%	80 - 137	0.4	18	9042259	NSD0721-10	04/14/09 19:15
Bromodichloromethane	ND	55.8		ug/L	50.0	112%	80 - 132	4	18	9042259	NSD0721-10	04/14/09 19:15
Bromoform	ND	47.7		ug/L	50.0	95%	67 - 123	5	24	9042259	NSD0721-10	04/14/09 19:15
Bromomethane	ND	53.6		ug/L	50.0	107%	39 - 166	7	45	9042259	NSD0721-10	04/14/09 19:15
2-Butanone	ND	256		ug/L	250	102%	50 - 154	2	36	9042259	NSD0721-10	04/14/09 19:15
sec-Butylbenzene	ND	62.8		ug/L	50.0	126%	73 - 142	3	17	9042259	NSD0721-10	04/14/09 19:15
n-Butylbenzene	ND	53.6		ug/L	50.0	107%	64 - 147	3	18	9042259	NSD0721-10	04/14/09 19:15
tert-Butylbenzene	ND	62.0		ug/L	50.0	124%	70 - 148	3	17	9042259	NSD0721-10	04/14/09 19:15
Carbon disulfide	ND	57.8		ug/L	50.0	116%	79 - 147	4	16	9042259	NSD0721-10	04/14/09 19:15
Carbon Tetrachloride	ND	51.5		ug/L	50.0	103%	62 - 165	6	29	9042259	NSD0721-10	04/14/09 19:15
Chlorobenzene	ND	54.6		ug/L	50.0	109%	67 - 140	3	27	9042259	NSD0721-10	04/14/09 19:15
Chlorodibromomethane	ND	49.2		ug/L	50.0	98%	72 - 123	4	21	9042259	NSD0721-10	04/14/09 19:15
Chloroethane	ND	51.9		ug/L	50.0	104%	74 - 151	2	32	9042259	NSD0721-10	04/14/09 19:15
Chloroform	ND	50.9		ug/L	50.0	102%	59 - 152	1	28	9042259	NSD0721-10	04/14/09 19:15
Chloromethane	ND	45.8		ug/L	50.0	92%	33 - 138	3	21	9042259	NSD0721-10	04/14/09 19:15
2-Chlorotoluene	ND	59.9		ug/L	50.0	120%	76 - 134	3	16	9042259	NSD0721-10	04/14/09 19:15
4-Chlorotoluene	ND	59.5		ug/L	50.0	119%	80 - 133	3	17	9042259	NSD0721-10	04/14/09 19:15
1,2-Dibromo-3-chloropropane	ND	48.1		ug/L	50.0	96%	60 - 136	4	29	9042259	NSD0721-10	04/14/09 19:15
1,2-Dibromoethane (EDB)	ND	57.6		ug/L	50.0	115%	80 - 132	3	21	9042259	NSD0721-10	04/14/09 19:15
Dibromomethane	ND	51.9		ug/L	50.0	104%	79 - 131	3	20	9042259	NSD0721-10	04/14/09 19:15
1,4-Dichlorobenzene	ND	54.4		ug/L	50.0	109%	80 - 126	2	19	9042259	NSD0721-10	04/14/09 19:15
1,3-Dichlorobenzene	ND	56.2		ug/L	50.0	112%	75 - 132	3	18	9042259	NSD0721-10	04/14/09 19:15
1,2-Dichlorobenzene	ND	55.0		ug/L	50.0	110%	80 - 130	2	23	9042259	NSD0721-10	04/14/09 19:15
Dichlorodifluoromethane	ND	40.1		ug/L	50.0	80%	36 - 146	0.5	14	9042259	NSD0721-10	04/14/09 19:15
1,1-Dichloroethane	ND	55.5		ug/L	50.0	111%	76 - 131	3	15	9042259	NSD0721-10	04/14/09 19:15
1,2-Dichloroethane	ND	51.8		ug/L	50.0	104%	53 - 146	2	26	9042259	NSD0721-10	04/14/09 19:15
cis-1,2-Dichloroethene	19.8	77.0		ug/L	50.0	114%	76 - 141	0.5	14	9042259	NSD0721-10	04/14/09 19:15
1,1-Dichloroethene	ND	55.4		ug/L	50.0	111%	63 - 157	4	26	9042259	NSD0721-10	04/14/09 19:15
trans-1,2-Dichloroethene	2.26	59.4		ug/L	50.0	114%	78 - 137	3	14	9042259	NSD0721-10	04/14/09 19:15
1,3-Dichloropropane	ND	56.9		ug/L	50.0	114%	76 - 130	3	21	9042259	NSD0721-10	04/14/09 19:15
1,2-Dichloropropane	ND	51.9		ug/L	50.0	104%	77 - 128	2	16	9042259	NSD0721-10	04/14/09 19:15
2,2-Dichloropropane	ND	60.3		ug/L	50.0	121%	62 - 145	3	14	9042259	NSD0721-10	04/14/09 19:15
cis-1,3-Dichloropropene	ND	54.6		ug/L	50.0	109%	71 - 140	3	19	9042259	NSD0721-10	04/14/09 19:15
trans-1,3-Dichloropropene	ND	51.9		ug/L	50.0	104%	65 - 137	3	20	9042259	NSD0721-10	04/14/09 19:15
1,1-Dichloropropene	ND	59.0		ug/L	50.0	118%	80 - 136	3	14	9042259	NSD0721-10	04/14/09 19:15
Ethylbenzene	ND	58.9		ug/L	50.0	118%	80 - 135	2	17	9042259	NSD0721-10	04/14/09 19:15
Hexachlorobutadiene	ND	62.8		ug/L	50.0	126%	48 - 155	5	34	9042259	NSD0721-10	04/14/09 19:15
2-Hexanone	ND	288		ug/L	250	115%	58 - 154	2	34	9042259	NSD0721-10	04/14/09 19:15

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Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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												
9042259-MSD1												
Isopropylbenzene	ND	56.3		ug/L	50.0	113%	80 - 135	3	18	9042259	NSD0721-10	04/14/09 19:15
p-Isopropyltoluene	ND	60.4		ug/L	50.0	121%	74 - 139	2	17	9042259	NSD0721-10	04/14/09 19:15
Methyl tert-Butyl Ether	ND	53.1		ug/L	50.0	106%	60 - 144	3	32	9042259	NSD0721-10	04/14/09 19:15
Methylene Chloride	ND	46.2		ug/L	50.0	92%	64 - 140	2	18	9042259	NSD0721-10	04/14/09 19:15
4-Methyl-2-pentanone	ND	303		ug/L	250	121%	55 - 153	2	31	9042259	NSD0721-10	04/14/09 19:15
Naphthalene	ND	44.9		ug/L	50.0	90%	50 - 154	4	39	9042259	NSD0721-10	04/14/09 19:15
n-Propylbenzene	ND	62.3		ug/L	50.0	125%	78 - 141	3	17	9042259	NSD0721-10	04/14/09 19:15
Styrene	ND	62.7		ug/L	50.0	125%	80 - 139	3	16	9042259	NSD0721-10	04/14/09 19:15
1,1,1,2-Tetrachloroethane	ND	52.5		ug/L	50.0	105%	75 - 140	4	17	9042259	NSD0721-10	04/14/09 19:15
1,1,2,2-Tetrachloroethane	ND	58.5		ug/L	50.0	117%	55 - 152	3	28	9042259	NSD0721-10	04/14/09 19:15
Tetrachloroethene	ND	57.0		ug/L	50.0	114%	67 - 150	3	27	9042259	NSD0721-10	04/14/09 19:15
Toluene	ND	57.1		ug/L	50.0	114%	75 - 139	2	19	9042259	NSD0721-10	04/14/09 19:15
1,2,3-Trichlorobenzene	ND	40.4		ug/L	50.0	81%	49 - 144	5	31	9042259	NSD0721-10	04/14/09 19:15
1,2,4-Trichlorobenzene	ND	45.1		ug/L	50.0	90%	55 - 135	3	26	9042259	NSD0721-10	04/14/09 19:15
1,1,2-Trichloroethane	ND	54.8		ug/L	50.0	110%	77 - 128	2	21	9042259	NSD0721-10	04/14/09 19:15
1,1,1-Trichloroethane	ND	57.6		ug/L	50.0	115%	80 - 136	4	16	9042259	NSD0721-10	04/14/09 19:15
Trichloroethene	17.9	71.9		ug/L	50.0	108%	57 - 158	1	28	9042259	NSD0721-10	04/14/09 19:15
Trichlorofluoromethane	ND	52.5		ug/L	50.0	105%	68 - 145	3	20	9042259	NSD0721-10	04/14/09 19:15
1,2,3-Trichloropropane	ND	55.3		ug/L	50.0	111%	55 - 137	6	26	9042259	NSD0721-10	04/14/09 19:15
1,3,5-Trimethylbenzene	ND	62.5		ug/L	50.0	125%	78 - 136	3	16	9042259	NSD0721-10	04/14/09 19:15
1,2,4-Trimethylbenzene	ND	61.8		ug/L	50.0	124%	70 - 143	3	22	9042259	NSD0721-10	04/14/09 19:15
Vinyl chloride	0.270	50.0		ug/L	50.0	99%	49 - 156	2	26	9042259	NSD0721-10	04/14/09 19:15
Xylenes, total	ND	177		ug/L	150	118%	80 - 136	3	18	9042259	NSD0721-10	04/14/09 19:15
Surrogate: 1,2-Dichloroethane-d4		24.9		ug/L	25.0	100%	60 - 140			9042259	NSD0721-10	04/14/09 19:15
Surrogate: Dibromofluoromethane		24.6		ug/L	25.0	98%	75 - 124			9042259	NSD0721-10	04/14/09 19:15
Surrogate: Toluene-d8		26.1		ug/L	25.0	104%	78 - 121			9042259	NSD0721-10	04/14/09 19:15
Surrogate: 4-Bromofluorobenzene		26.2		ug/L	25.0	105%	79 - 124			9042259	NSD0721-10	04/14/09 19:15
9042260-MSD1												
Acetone	ND	243		ug/L	250	97%	55 - 148	7	29	9042260	NSD0897-02	04/14/09 06:50
Benzene	ND	55.9		ug/L	50.0	112%	68 - 143	0.07	23	9042260	NSD0897-02	04/14/09 06:50
Bromobenzene	ND	57.8		ug/L	50.0	116%	65 - 140	1	18	9042260	NSD0897-02	04/14/09 06:50
Bromochloromethane	ND	47.1		ug/L	50.0	94%	80 - 137	2	18	9042260	NSD0897-02	04/14/09 06:50
Bromodichloromethane	ND	57.9		ug/L	50.0	116%	80 - 132	0.2	18	9042260	NSD0897-02	04/14/09 06:50
Bromoform	ND	50.9		ug/L	50.0	102%	67 - 123	3	24	9042260	NSD0897-02	04/14/09 06:50
Bromomethane	ND	55.3		ug/L	50.0	111%	39 - 166	2	45	9042260	NSD0897-02	04/14/09 06:50
2-Butanone	ND	274		ug/L	250	110%	50 - 154	3	36	9042260	NSD0897-02	04/14/09 06:50
sec-Butylbenzene	ND	64.6		ug/L	50.0	129%	73 - 142	0.6	17	9042260	NSD0897-02	04/14/09 06:50
n-Butylbenzene	ND	52.8		ug/L	50.0	106%	64 - 147	0.7	18	9042260	NSD0897-02	04/14/09 06:50
tert-Butylbenzene	ND	63.0		ug/L	50.0	126%	70 - 148	1	17	9042260	NSD0897-02	04/14/09 06:50
Carbon disulfide	ND	57.1		ug/L	50.0	114%	79 - 147	0.02	16	9042260	NSD0897-02	04/14/09 06:50

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:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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												
9042260-MSD1												
Carbon Tetrachloride	ND	52.9		ug/L	50.0	106%	62 - 165	0.8	29	9042260	NSD0897-02	04/14/09 06:50
Chlorobenzene	ND	56.4		ug/L	50.0	113%	67 - 140	0.6	27	9042260	NSD0897-02	04/14/09 06:50
Chlorodibromomethane	ND	51.6		ug/L	50.0	103%	72 - 123	0.3	21	9042260	NSD0897-02	04/14/09 06:50
Chloroethane	0.260	53.6		ug/L	50.0	107%	74 - 151	0.7	32	9042260	NSD0897-02	04/14/09 06:50
Chloroform	1.32	53.8		ug/L	50.0	105%	59 - 152	0.2	28	9042260	NSD0897-02	04/14/09 06:50
Chloromethane	ND	47.1		ug/L	50.0	94%	33 - 138	0.3	21	9042260	NSD0897-02	04/14/09 06:50
2-Chlorotoluene	ND	61.4		ug/L	50.0	123%	76 - 134	0.2	16	9042260	NSD0897-02	04/14/09 06:50
4-Chlorotoluene	ND	61.1		ug/L	50.0	122%	80 - 133	0.8	17	9042260	NSD0897-02	04/14/09 06:50
1,2-Dibromo-3-chloropropane	ND	48.4		ug/L	50.0	97%	60 - 136	1	29	9042260	NSD0897-02	04/14/09 06:50
1,2-Dibromoethane (EDB)	ND	59.0		ug/L	50.0	118%	80 - 132	0.03	21	9042260	NSD0897-02	04/14/09 06:50
Dibromomethane	ND	53.1		ug/L	50.0	106%	79 - 131	0.4	20	9042260	NSD0897-02	04/14/09 06:50
1,4-Dichlorobenzene	ND	55.6		ug/L	50.0	111%	80 - 126	0.05	19	9042260	NSD0897-02	04/14/09 06:50
1,3-Dichlorobenzene	ND	57.2		ug/L	50.0	114%	75 - 132	0.1	18	9042260	NSD0897-02	04/14/09 06:50
1,2-Dichlorobenzene	ND	56.8		ug/L	50.0	114%	80 - 130	0.3	23	9042260	NSD0897-02	04/14/09 06:50
Dichlorodifluoromethane	ND	40.8		ug/L	50.0	82%	36 - 146	0.1	14	9042260	NSD0897-02	04/14/09 06:50
1,1-Dichloroethane	0.330	57.0		ug/L	50.0	113%	76 - 131	0.5	15	9042260	NSD0897-02	04/14/09 06:50
1,2-Dichloroethane	ND	53.1		ug/L	50.0	106%	53 - 146	0.08	26	9042260	NSD0897-02	04/14/09 06:50
cis-1,2-Dichloroethene	89.4	150		ug/L	50.0	121%	76 - 141	0.7	14	9042260	NSD0897-02	04/14/09 06:50
1,1-Dichloroethene	0.380	56.8		ug/L	50.0	113%	63 - 157	1	26	9042260	NSD0897-02	04/14/09 06:50
trans-1,2-Dichloroethene	0.290	57.2		ug/L	50.0	114%	78 - 137	0.6	14	9042260	NSD0897-02	04/14/09 06:50
1,3-Dichloropropane	ND	58.9		ug/L	50.0	118%	76 - 130	0.1	21	9042260	NSD0897-02	04/14/09 06:50
1,2-Dichloropropane	ND	53.3		ug/L	50.0	107%	77 - 128	0.4	16	9042260	NSD0897-02	04/14/09 06:50
2,2-Dichloropropane	ND	52.8		ug/L	50.0	106%	62 - 145	0.5	14	9042260	NSD0897-02	04/14/09 06:50
cis-1,3-Dichloropropene	ND	55.2		ug/L	50.0	110%	71 - 140	0.3	19	9042260	NSD0897-02	04/14/09 06:50
trans-1,3-Dichloropropene	ND	52.7		ug/L	50.0	105%	65 - 137	0.6	20	9042260	NSD0897-02	04/14/09 06:50
1,1-Dichloropropene	ND	59.4		ug/L	50.0	119%	80 - 136	0.1	14	9042260	NSD0897-02	04/14/09 06:50
Ethylbenzene	ND	60.7		ug/L	50.0	121%	80 - 135	0.1	17	9042260	NSD0897-02	04/14/09 06:50
Hexachlorobutadiene	ND	61.9		ug/L	50.0	124%	48 - 155	0.1	34	9042260	NSD0897-02	04/14/09 06:50
2-Hexanone	ND	292		ug/L	250	117%	58 - 154	0.4	34	9042260	NSD0897-02	04/14/09 06:50
Isopropylbenzene	ND	58.2		ug/L	50.0	116%	80 - 135	0.4	18	9042260	NSD0897-02	04/14/09 06:50
p-Isopropyltoluene	ND	61.4		ug/L	50.0	123%	74 - 139	0.8	17	9042260	NSD0897-02	04/14/09 06:50
Methyl tert-Butyl Ether	ND	53.6		ug/L	50.0	107%	60 - 144	0.4	32	9042260	NSD0897-02	04/14/09 06:50
Methylene Chloride	ND	47.1		ug/L	50.0	94%	64 - 140	0.1	18	9042260	NSD0897-02	04/14/09 06:50
4-Methyl-2-pentanone	ND	309		ug/L	250	124%	55 - 153	1	31	9042260	NSD0897-02	04/14/09 06:50
Naphthalene	ND	45.6		ug/L	50.0	91%	50 - 154	0.9	39	9042260	NSD0897-02	04/14/09 06:50
n-Propylbenzene	ND	63.0		ug/L	50.0	126%	78 - 141	1	17	9042260	NSD0897-02	04/14/09 06:50
Styrene	ND	63.3		ug/L	50.0	127%	80 - 139	0.7	16	9042260	NSD0897-02	04/14/09 06:50
1,1,1,2-Tetrachloroethane	ND	54.6		ug/L	50.0	109%	75 - 140	0.3	17	9042260	NSD0897-02	04/14/09 06:50
1,1,2,2-Tetrachloroethane	ND	59.9		ug/L	50.0	120%	55 - 152	0.4	28	9042260	NSD0897-02	04/14/09 06:50
Tetrachloroethene	2.61	59.7		ug/L	50.0	114%	67 - 150	0.2	27	9042260	NSD0897-02	04/14/09 06:50
Toluene	ND	59.1		ug/L	50.0	118%	75 - 139	0.1	19	9042260	NSD0897-02	04/14/09 06:50

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:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 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												
9042260-MSD1												
1,2,3-Trichlorobenzene	ND	41.6		ug/L	50.0	83%	49 - 144	0.6	31	9042260	NSD0897-02	04/14/09 06:50
1,2,4-Trichlorobenzene	ND	45.5		ug/L	50.0	91%	55 - 135	0.8	26	9042260	NSD0897-02	04/14/09 06:50
1,1,2-Trichloroethane	ND	56.7		ug/L	50.0	113%	77 - 128	1	21	9042260	NSD0897-02	04/14/09 06:50
1,1,1-Trichloroethane	ND	58.9		ug/L	50.0	118%	80 - 136	0.5	16	9042260	NSD0897-02	04/14/09 06:50
Trichloroethene	197	251	B	ug/L	50.0	108%	57 - 158	0.7	28	9042260	NSD0897-02	04/14/09 06:50
Trichlorofluoromethane	ND	53.8		ug/L	50.0	108%	68 - 145	0.4	20	9042260	NSD0897-02	04/14/09 06:50
1,2,3-Trichloropropane	ND	56.2		ug/L	50.0	112%	55 - 137	0.09	26	9042260	NSD0897-02	04/14/09 06:50
1,3,5-Trimethylbenzene	ND	63.7		ug/L	50.0	127%	78 - 136	0.2	16	9042260	NSD0897-02	04/14/09 06:50
1,2,4-Trimethylbenzene	ND	63.3		ug/L	50.0	127%	70 - 143	0.6	22	9042260	NSD0897-02	04/14/09 06:50
Vinyl chloride	ND	51.4		ug/L	50.0	103%	49 - 156	0.2	26	9042260	NSD0897-02	04/14/09 06:50
Xylenes, total	ND	181		ug/L	150	121%	80 - 136	0.3	18	9042260	NSD0897-02	04/14/09 06:50
Surrogate: 1,2-Dichloroethane-d4		24.8		ug/L	25.0	99%	60 - 140			9042260	NSD0897-02	04/14/09 06:50
Surrogate: Dibromofluoromethane		24.6		ug/L	25.0	99%	75 - 124			9042260	NSD0897-02	04/14/09 06:50
Surrogate: Toluene-d8		26.3		ug/L	25.0	105%	78 - 121			9042260	NSD0897-02	04/14/09 06:50
Surrogate: 4-Bromofluorobenzene		26.2		ug/L	25.0	105%	79 - 124			9042260	NSD0897-02	04/14/09 06:50

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:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 08:00

CERTIFICATION SUMMARY

TestAmerica Nashville

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

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:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 08:00

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:	NSD0721
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/08/09 08:00

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.
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.
R7	LCS/LCSD RPD exceeded the acceptance limit. Recovery met acceptance criteria.
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

NSD0721

Cooler Received/Opened On 4 / 8 / 09 @ 8:00

1. Tracking # 9490 (last 4 digits, FedEx)

Courier: FED-EX IR Gun ID 94660220

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: 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) _____

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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville, TN

COOLER RECEIPT FORM

Cooler Received/Opened On_04/08/09 @ 08:00

1. Tracking # 9505 (last 4 digits, FedEx)

Courier: ___FED-EX IR Gun ID___97310166

2. Temperature of rep. sample or temp blank when opened: 4.6 *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: 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) _____

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? 4/6/09 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...#_____

M+A-113
@ 1300
2 vials t
1 Liter
were labeled
M+A-112
@ 1300

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

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

TA Account #: 1408030 PO #:
Invoice to: Mabbett & Associates, Inc. (10615)
Report to: Christopher Mabbett
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	Other (specify)	Analyze for: 8082 PCBs	8082 PCBs in Oil	8260B Volatile Organics	Cyanide Dissociable SM4500-CN I	Cyanide Total 9012B										RUSH TAT (Pre Schedule)*
MCA-1	4/7/09	1130	1	X										X	X						X							01							
MCA-2	4/7/09	1025	4	X					X					X							X		X					2							
MCA-3	4/7/09	1335	1	X										X	X						X							3							
MCA-5	4/7/09	0830	4	X					X					X							X		X					4							
M&A-104	4/7/09	1145	4	X					X					X							X		X					5							
M&A-110	4/7/09	1015	4	X					X					X							X		X					6							
M&A-111	4/7/09	0930	4	X					X					X							X		X					7							
M&A-112	4/7/09	1415	4	X					X					X							X		X					8							
M&A-114	4/7/09	1400	1	X										X						X		X						9							
M&A-116	4/6/09	1300	3	X					X														X					10							

VSD0721
4/17/09 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 # 14050

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
Christopher Mabbett	4/7/09	1530						

Shipped Via: FED EX	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: 4/8/09	Time: 8:40	Temperature Upon Receipt:	Sample Containers Intact? Y N	VOCs Free of Headspace? Y N

9710233 9505 & 9710233 9490

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: Christopher Mabbett
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: Christopher Mabbett
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)*
M&A-113	4/7/09	1300	4	X					X					X	X						X		X					11
M&A-113	4/7/09	1330	1	X										X						X		X						12
M&A-117	4/6/09	1120	1	X										X	X						X							13
M&A-120	4/6/09	1345	4	X					X					X	X						X		X					14
M&A-121	4/7/09	1050	4	X					X					X	X						X		X					15
M&A-126	4/7/09	1300	4	X					X					X	X						X		X					16
M&A-133	4/7/09	0930	1	X										X	X						X							17
Trip Blank			1						X														X					18

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 # 14050*

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
[signature]	4/7/09	1530						

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

Received for TestAmerica by:	Date:	Time:	Temperature Upon Receipt:	Sample Containers Intact? Y N
[signature]	4/8/09	8:40		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

June 30, 2009 1:23:36PM

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

Work Order: NSD0965
Project Name: Bodycote
Project Nbr: 1998002.242/244
P/O Nbr:
Date Received: 04/10/09

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
M&A-115	NSD0965-01	04/08/09 15:10
M&A-122	NSD0965-02	04/09/09 13:45
M&A-130	NSD0965-03	04/09/09 14:30
M&A-131	NSD0965-04	04/09/09 13:45
M&A-208	NSD0965-05	04/09/09 15:00
M&A-301	NSD0965-06	04/09/09 14:30
M&A-216	NSD0965-07	04/09/09 10:25
M&A-217	NSD0965-08	04/09/09 11:00
M&A-218	NSD0965-09	04/09/09 11:45
M&A-226	NSD0965-10	04/09/09 09:40
Gantry Silo	NSD0965-11	04/09/09 08:30
MW-301	NSD0965-12	04/09/09 10:20
MW-303	NSD0965-13	04/09/09 11:40
MW-304	NSD0965-14	04/09/09 09:45
Trip Blank	NSD0965-15	04/09/09 16:00

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.

Additional Laboratory Comments:
REVISED REPORT: 06/30/09 KAH - To correct sample ID on NSD0965-14. This report replaces the one generated on 04/21/09 @ 17:45.
Illinois Certification Number: 002179
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:

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:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

Ken A. Hayes

Senior 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:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0965-01 (M&A-115 - Ground Water) Sampled: 04/08/09 15:10								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/16/09 09:41	SW846 8082	9041826
PCB-1221	ND		ug/L	0.500	1	04/16/09 09:41	SW846 8082	9041826
PCB-1232	ND		ug/L	0.500	1	04/16/09 09:41	SW846 8082	9041826
PCB-1242	ND		ug/L	0.500	1	04/16/09 09:41	SW846 8082	9041826
PCB-1248	ND		ug/L	0.500	1	04/16/09 09:41	SW846 8082	9041826
PCB-1254	ND		ug/L	0.500	1	04/16/09 09:41	SW846 8082	9041826
PCB-1260	ND		ug/L	0.500	1	04/16/09 09:41	SW846 8082	9041826
Surr: Tetrachloro-meta-xylene (29-137%)	*63 %*					*04/16/09 09:41*	*SW846 8082*	*9041826*
Surr: Decachlorobiphenyl (10-146%)	*60 %*					*04/16/09 09:41*	*SW846 8082*	*9041826*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/15/09 02:15	SW846 8260B	9042285
Benzene	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
Bromobenzene	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
Bromochloromethane	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
Bromodichloromethane	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
Bromoform	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
Bromomethane	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
2-Butanone	ND		ug/L	50.0	1	04/15/09 02:15	SW846 8260B	9042285
sec-Butylbenzene	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
n-Butylbenzene	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
tert-Butylbenzene	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
Carbon disulfide	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
Carbon Tetrachloride	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
Chlorobenzene	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
Chlorodibromomethane	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
Chloroethane	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
Chloroform	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
Chloromethane	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
2-Chlorotoluene	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
4-Chlorotoluene	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/15/09 02:15	SW846 8260B	9042285
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
Dibromomethane	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
1,1-Dichloroethane	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
1,2-Dichloroethane	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
cis-1,2-Dichloroethene	179		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
1,1-Dichloroethene	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
trans-1,2-Dichloroethene	3.00		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
1,3-Dichloropropane	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0965-01 (M&A-115 - Ground Water) - cont. Sampled: 04/08/09 15:10								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloropropane	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
2,2-Dichloropropane	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
1,1-Dichloropropene	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
Ethylbenzene	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
Hexachlorobutadiene	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
2-Hexanone	ND		ug/L	50.0	1	04/15/09 02:15	SW846 8260B	9042285
Isopropylbenzene	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
p-Isopropyltoluene	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
Methylene Chloride	ND		ug/L	5.00	1	04/15/09 02:15	SW846 8260B	9042285
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/15/09 02:15	SW846 8260B	9042285
Naphthalene	ND		ug/L	5.00	1	04/15/09 02:15	SW846 8260B	9042285
n-Propylbenzene	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
Styrene	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
Tetrachloroethene	**2.26**		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
Toluene	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
Trichloroethene	**334**		ug/L	10.0	10	04/16/09 18:54	SW846 8260B	9041890
Trichlorofluoromethane	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
1,3;5-Trimethylbenzene	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
Vinyl chloride	**2.33**		ug/L	1.00	1	04/15/09 02:15	SW846 8260B	9042285
Xylenes, total	ND		ug/L	3.00	1	04/15/09 02:15	SW846 8260B	9042285
Surr: 1,2-Dichloroethane-d4 (60-140%)	*97 %*					*04/15/09 02:15*	*SW846 8260B*	*9042285*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*97 %*					*04/16/09 18:54*	*SW846 8260B*	*9041890*
Surr: Dibromofluoromethane (75-124%)	*103 %*					*04/15/09 02:15*	*SW846 8260B*	*9042285*
Surr: Dibromofluoromethane (75-124%)	*97 %*					*04/16/09 18:54*	*SW846 8260B*	*9041890*
Surr: Toluene-d8 (78-121%)	*100 %*					*04/15/09 02:15*	*SW846 8260B*	*9042285*
Surr: Toluene-d8 (78-121%)	*101 %*					*04/16/09 18:54*	*SW846 8260B*	*9041890*
Surr: 4-Bromofluorobenzene (79-124%)	*98 %*					*04/15/09 02:15*	*SW846 8260B*	*9042285*
Surr: 4-Bromofluorobenzene (79-124%)	*105 %*					*04/16/09 18:54*	*SW846 8260B*	*9041890*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0965-02 (M&A-122 - Ground Water) Sampled: 04/09/09 13:45								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/16/09 10:02	SW846 8082	9041826
PCB-1221	ND		ug/L	0.500	1	04/16/09 10:02	SW846 8082	9041826
PCB-1232	ND		ug/L	0.500	1	04/16/09 10:02	SW846 8082	9041826
PCB-1242	ND		ug/L	0.500	1	04/16/09 10:02	SW846 8082	9041826
PCB-1248	ND		ug/L	0.500	1	04/16/09 10:02	SW846 8082	9041826
PCB-1254	ND		ug/L	0.500	1	04/16/09 10:02	SW846 8082	9041826
PCB-1260	ND		ug/L	0.500	1	04/16/09 10:02	SW846 8082	9041826
Surr: Tetrachloro-meta-xylene (29-137%)	*68 %*					*04/16/09 10:02*	*SW846 8082*	*9041826*
Surr: Decachlorobiphenyl (10-146%)	*48 %*					*04/16/09 10:02*	*SW846 8082*	*9041826*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/16/09 02:34	SW846 8260B	9041888
Benzene	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
Bromobenzene	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
Bromochloromethane	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
Bromodichloromethane	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
Bromoform	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
Bromomethane	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
2-Butanone	ND		ug/L	50.0	1	04/16/09 02:34	SW846 8260B	9041888
sec-Butylbenzene	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
n-Butylbenzene	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
tert-Butylbenzene	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
Carbon disulfide	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
Carbon Tetrachloride	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
Chlorobenzene	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
Chlorodibromomethane	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
Chloroethane	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
Chloroform	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
Chloromethane	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
2-Chlorotoluene	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
4-Chlorotoluene	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/16/09 02:34	SW846 8260B	9041888
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
Dibromomethane	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
1,1-Dichloroethane	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
1,2-Dichloroethane	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
cis-1,2-Dichloroethene	**2.61**		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
1,1-Dichloroethene	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
1,3-Dichloropropane	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0965-02 (M&A-122 - Ground Water) - cont. Sampled: 04/09/09 13:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloropropane	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
2,2-Dichloropropane	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
1,1-Dichloropropene	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
Ethylbenzene	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
Hexachlorobutadiene	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
2-Hexanone	ND		ug/L	50.0	1	04/16/09 02:34	SW846 8260B	9041888
Isopropylbenzene	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
p-Isopropyltoluene	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
Methylene Chloride	ND		ug/L	5.00	1	04/16/09 02:34	SW846 8260B	9041888
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/16/09 02:34	SW846 8260B	9041888
Naphthalene	ND		ug/L	5.00	1	04/16/09 02:34	SW846 8260B	9041888
n-Propylbenzene	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
Styrene	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
Tetrachloroethene	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
Toluene	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
Trichloroethene	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
Trichlorofluoromethane	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
Vinyl chloride	ND		ug/L	1.00	1	04/16/09 02:34	SW846 8260B	9041888
Xylenes, total	ND		ug/L	3.00	1	04/16/09 02:34	SW846 8260B	9041888
Surr: 1,2-Dichloroethane-d4 (60-140%)	*96 %*					*04/16/09 02:34*	*SW846 8260B*	*9041888*
Surr: Dibromofluoromethane (75-124%)	*98 %*					*04/16/09 02:34*	*SW846 8260B*	*9041888*
Surr: Toluene-d8 (78-121%)	*100 %*					*04/16/09 02:34*	*SW846 8260B*	*9041888*
Surr: 4-Bromofluorobenzene (79-124%)	*105 %*					*04/16/09 02:34*	*SW846 8260B*	*9041888*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0965-03 (M&A-130 - Ground Water) Sampled: 04/09/09 14:30								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/16/09 10:22	SW846 8082	9041826
PCB-1221	ND		ug/L	0.500	1	04/16/09 10:22	SW846 8082	9041826
PCB-1232	ND		ug/L	0.500	1	04/16/09 10:22	SW846 8082	9041826
PCB-1242	ND		ug/L	0.500	1	04/16/09 10:22	SW846 8082	9041826
PCB-1248	ND		ug/L	0.500	1	04/16/09 10:22	SW846 8082	9041826
PCB-1254	ND		ug/L	0.500	1	04/16/09 10:22	SW846 8082	9041826
PCB-1260	ND		ug/L	0.500	1	04/16/09 10:22	SW846 8082	9041826
Surr: Tetrachloro-meta-xylene (29-137%)	*69 %*					*04/16/09 10:22*	*SW846 8082*	*9041826*
Surr: Decachlorobiphenyl (10-146%)	*58 %*					*04/16/09 10:22*	*SW846 8082*	*9041826*
Sample ID: NSD0965-04 (M&A-131 - Ground Water) Sampled: 04/09/09 13:45								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/16/09 10:43	SW846 8082	9041826
PCB-1221	ND		ug/L	0.500	1	04/16/09 10:43	SW846 8082	9041826
PCB-1232	ND		ug/L	0.500	1	04/16/09 10:43	SW846 8082	9041826
PCB-1242	ND		ug/L	0.500	1	04/16/09 10:43	SW846 8082	9041826
PCB-1248	ND		ug/L	0.500	1	04/16/09 10:43	SW846 8082	9041826
PCB-1254	ND		ug/L	0.500	1	04/16/09 10:43	SW846 8082	9041826
PCB-1260	ND		ug/L	0.500	1	04/16/09 10:43	SW846 8082	9041826
Surr: Tetrachloro-meta-xylene (29-137%)	*69 %*					*04/16/09 10:43*	*SW846 8082*	*9041826*
Surr: Decachlorobiphenyl (10-146%)	*65 %*					*04/16/09 10:43*	*SW846 8082*	*9041826*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/16/09 03:01	SW846 8260B	9041888
Benzene	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
Bromobenzene	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
Bromochloromethane	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
Bromodichloromethane	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
Bromoform	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
Bromomethane	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
2-Butanone	ND		ug/L	50.0	1	04/16/09 03:01	SW846 8260B	9041888
sec-Butylbenzene	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
n-Butylbenzene	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
tert-Butylbenzene	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
Carbon disulfide	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
Carbon Tetrachloride	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
Chlorobenzene	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
Chlorodibromomethane	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
Chloroethane	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
Chloroform	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
Chloromethane	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
2-Chlorotoluene	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
4-Chlorotoluene	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/16/09 03:01	SW846 8260B	9041888

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

ANALYTICAL REPORT

Sample ID: NSD0965-04 (M&A-131 - Ground Water) - cont. Sampled: 04/09/09 13:45

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	04/16/09 03:01	SW846 8260B	9041888
Dibromomethane	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
1,1-Dichloroethane	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
1,2-Dichloroethane	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
cis-1,2-Dichloroethene	**8.39**		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
1,1-Dichloroethene	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
1,3-Dichloropropane	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
1,2-Dichloropropane	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
2,2-Dichloropropane	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
1,1-Dichloropropene	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
Ethylbenzene	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
Hexachlorobutadiene	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
2-Hexanone	ND		ug/L	50.0	1	04/16/09 03:01	SW846 8260B	9041888
Isopropylbenzene	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
p-Isopropyltoluene	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
Methylene Chloride	ND		ug/L	5.00	1	04/16/09 03:01	SW846 8260B	9041888
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/16/09 03:01	SW846 8260B	9041888
Naphthalene	ND		ug/L	5.00	1	04/16/09 03:01	SW846 8260B	9041888
n-Propylbenzene	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
Styrene	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
Tetrachloroethene	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
Toluene	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
Trichloroethene	**68.3**		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
Trichlorofluoromethane	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
Vinyl chloride	ND		ug/L	1.00	1	04/16/09 03:01	SW846 8260B	9041888
Xylenes, total	ND		ug/L	3.00	1	04/16/09 03:01	SW846 8260B	9041888

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0965-04 (M&A-131 - Ground Water) - cont. Sampled: 04/09/09 13:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: 1,2-Dichloroethane-d4 (60-140%)	*100 %*					*04/16/09 03:01*	*SW846 8260B*	*9041888*
Surr: Dibromofluoromethane (75-124%)	*101 %*					*04/16/09 03:01*	*SW846 8260B*	*9041888*
Surr: Toluene-d8 (78-121%)	*99 %*					*04/16/09 03:01*	*SW846 8260B*	*9041888*
Surr: 4-Bromofluorobenzene (79-124%)	*108 %*					*04/16/09 03:01*	*SW846 8260B*	*9041888*
Sample ID: NSD0965-05 (M&A-208 - Ground Water) Sampled: 04/09/09 15:00								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/16/09 11:44	SW846 8082	9041826
PCB-1221	ND		ug/L	0.500	1	04/16/09 11:44	SW846 8082	9041826
PCB-1232	ND		ug/L	0.500	1	04/16/09 11:44	SW846 8082	9041826
PCB-1242	ND		ug/L	0.500	1	04/16/09 11:44	SW846 8082	9041826
PCB-1248	ND		ug/L	0.500	1	04/16/09 11:44	SW846 8082	9041826
PCB-1254	ND		ug/L	0.500	1	04/16/09 11:44	SW846 8082	9041826
PCB-1260	ND		ug/L	0.500	1	04/16/09 11:44	SW846 8082	9041826
Surr: Tetrachloro-meta-xylene (29-137%)	*69 %*					*04/16/09 11:44*	*SW846 8082*	*9041826*
Surr: Decachlorobiphenyl (10-146%)	*65 %*					*04/16/09 11:44*	*SW846 8082*	*9041826*
Sample ID: NSD0965-06 (M&A-301 - Ground Water) Sampled: 04/09/09 14:30								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/16/09 12:04	SW846 8082	9041826
PCB-1221	ND		ug/L	0.500	1	04/16/09 12:04	SW846 8082	9041826
PCB-1232	ND		ug/L	0.500	1	04/16/09 12:04	SW846 8082	9041826
PCB-1242	ND		ug/L	0.500	1	04/16/09 12:04	SW846 8082	9041826
PCB-1248	ND		ug/L	0.500	1	04/16/09 12:04	SW846 8082	9041826
PCB-1254	ND		ug/L	0.500	1	04/16/09 12:04	SW846 8082	9041826
PCB-1260	ND		ug/L	0.500	1	04/16/09 12:04	SW846 8082	9041826
Surr: Tetrachloro-meta-xylene (29-137%)	*68 %*					*04/16/09 12:04*	*SW846 8082*	*9041826*
Surr: Decachlorobiphenyl (10-146%)	*41 %*					*04/16/09 12:04*	*SW846 8082*	*9041826*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/16/09 03:29	SW846 8260B	9041888
Benzene	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
Bromobenzene	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
Bromochloromethane	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
Bromodichloromethane	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
Bromoform	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
Bromomethane	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
2-Butanone	ND		ug/L	50.0	1	04/16/09 03:29	SW846 8260B	9041888
sec-Butylbenzene	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
n-Butylbenzene	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
tert-Butylbenzene	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
Carbon disulfide	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
Carbon Tetrachloride	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
Chlorobenzene	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

ANALYTICAL REPORT

Sample ID: NSD0965-06 (M&A-301 - Ground Water) - cont. Sampled: 04/09/09 14:30

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Chlorodibromomethane	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
Chloroethane	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
Chloroform	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
Chloromethane	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
2-Chlorotoluene	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
4-Chlorotoluene	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/16/09 03:29	SW846 8260B	9041888
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
Dibromomethane	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
1,1-Dichloroethane	**13.1**		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
1,2-Dichloroethane	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
1,1-Dichloroethene	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
1,3-Dichloropropane	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
1,2-Dichloropropane	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
2,2-Dichloropropane	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
1,1-Dichloropropene	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
Ethylbenzene	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
Hexachlorobutadiene	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
2-Hexanone	ND		ug/L	50.0	1	04/16/09 03:29	SW846 8260B	9041888
Isopropylbenzene	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
p-Isopropyltoluene	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
Methylene Chloride	ND		ug/L	5.00	1	04/16/09 03:29	SW846 8260B	9041888
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/16/09 03:29	SW846 8260B	9041888
Naphthalene	ND		ug/L	5.00	1	04/16/09 03:29	SW846 8260B	9041888
n-Propylbenzene	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
Styrene	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
Tetrachloroethene	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
Toluene	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
1,1,1-Trichloroethane	**14.3**		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0965-06 (M&A-301 - Ground Water) - cont. Sampled: 04/09/09 14:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Trichloroethene	**3.02**		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
Trichlorofluoromethane	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
Vinyl chloride	ND		ug/L	1.00	1	04/16/09 03:29	SW846 8260B	9041888
Xylenes, total	ND		ug/L	3.00	1	04/16/09 03:29	SW846 8260B	9041888
Surr: 1,2-Dichloroethane-d4 (60-140%)	*96 %*					*04/16/09 03:29*	*SW846 8260B*	*9041888*
Surr: Dibromofluoromethane (75-124%)	*95 %*					*04/16/09 03:29*	*SW846 8260B*	*9041888*
Surr: Toluene-d8 (78-121%)	*98 %*					*04/16/09 03:29*	*SW846 8260B*	*9041888*
Surr: 4-Bromofluorobenzene (79-124%)	*104 %*					*04/16/09 03:29*	*SW846 8260B*	*9041888*
Sample ID: NSD0965-07 (M&A-216 - Ground Water) Sampled: 04/09/09 10:25								
General Chemistry Parameters								
Cyanide	**0.0841**		mg/L	0.00500	1	04/17/09 13:06	SW846 9012B	9042437
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/16/09 03:56	SW846 8260B	9041888
Benzene	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
Bromobenzene	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
Bromochloromethane	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
Bromodichloromethane	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
Bromoform	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
Bromomethane	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
2-Butanone	ND		ug/L	50.0	1	04/16/09 03:56	SW846 8260B	9041888
sec-Butylbenzene	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
n-Butylbenzene	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
tert-Butylbenzene	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
Carbon disulfide	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
Carbon Tetrachloride	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
Chlorobenzene	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
Chlorodibromomethane	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
Chloroethane	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
Chloroform	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
Chloromethane	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
2-Chlorotoluene	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
4-Chlorotoluene	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/16/09 03:56	SW846 8260B	9041888
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
Dibromomethane	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888

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:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0965-07 (M&A-216 - Ground Water) - cont. Sampled: 04/09/09 10:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,1-Dichloroethane	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
1,2-Dichloroethane	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
cis-1,2-Dichloroethene	**66.4**		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
1,1-Dichloroethene	**1.19**		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
trans-1,2-Dichloroethene	**10.6**		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
1,3-Dichloropropane	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
1,2-Dichloropropane	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
2,2-Dichloropropane	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
1,1-Dichloropropene	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
Ethylbenzene	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
Hexachlorobutadiene	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
2-Hexanone	ND		ug/L	50.0	1	04/16/09 03:56	SW846 8260B	9041888
Isopropylbenzene	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
p-Isopropyltoluene	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
Methylene Chloride	ND		ug/L	5.00	1	04/16/09 03:56	SW846 8260B	9041888
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/16/09 03:56	SW846 8260B	9041888
Naphthalene	ND		ug/L	5.00	1	04/16/09 03:56	SW846 8260B	9041888
n-Propylbenzene	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
Styrene	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
Tetrachloroethene	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
Toluene	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
Trichloroethene	**176**		ug/L	10.0	10	04/16/09 19:21	SW846 8260B	9041890
Trichlorofluoromethane	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
Vinyl chloride	**11.2**		ug/L	1.00	1	04/16/09 03:56	SW846 8260B	9041888
Xylenes, total	ND		ug/L	3.00	1	04/16/09 03:56	SW846 8260B	9041888
Surr: 1,2-Dichloroethane-d4 (60-140%)	*97 %*					*04/16/09 03:56*	*SW846 8260B*	*9041888*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*101 %*					*04/16/09 19:21*	*SW846 8260B*	*9041890*
Surr: Dibromofluoromethane (75-124%)	*98 %*					*04/16/09 03:56*	*SW846 8260B*	*9041888*
Surr: Dibromofluoromethane (75-124%)	*100 %*					*04/16/09 19:21*	*SW846 8260B*	*9041890*
Surr: Toluene-d8 (78-121%)	*98 %*					*04/16/09 03:56*	*SW846 8260B*	*9041888*
Surr: Toluene-d8 (78-121%)	*101 %*					*04/16/09 19:21*	*SW846 8260B*	*9041890*
Surr: 4-Bromofluorobenzene (79-124%)	*103 %*					*04/16/09 03:56*	*SW846 8260B*	*9041888*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0965-07 (M&A-216 - Ground Water) - cont. Sampled: 04/09/09 10:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: 4-Bromofluorobenzene (79-124%)	*110 %*					*04/16/09 19:21*	*SW846 8260B*	*9041890*
Sample ID: NSD0965-08 (M&A-217 - Ground Water) Sampled: 04/09/09 11:00								
General Chemistry Parameters								
Cyanide	**0.371**		mg/L	0.00500	1	04/17/09 13:06	SW846 9012B	9042437
Cyanide, Weak Acid Dissociable	**0.250**		mg/L	0.00500	1	04/16/09 18:11	SM4500-CN I	9042333
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/16/09 04:24	SW846 8260B	9041888
Benzene	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
Bromobenzene	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
Bromochloromethane	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
Bromodichloromethane	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
Bromoform	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
Bromomethane	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
2-Butanone	ND		ug/L	50.0	1	04/16/09 04:24	SW846 8260B	9041888
sec-Butylbenzene	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
n-Butylbenzene	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
tert-Butylbenzene	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
Carbon disulfide	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
Carbon Tetrachloride	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
Chlorobenzene	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
Chlorodibromomethane	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
Chloroethane	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
Chloroform	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
Chloromethane	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
2-Chlorotoluene	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
4-Chlorotoluene	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/16/09 04:24	SW846 8260B	9041888
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
Dibromomethane	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
1,1-Dichloroethane	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
1,2-Dichloroethane	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
cis-1,2-Dichloroethene	**7.30**		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
1,1-Dichloroethene	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
trans-1,2-Dichloroethene	**4.04**		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
1,3-Dichloropropane	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
1,2-Dichloropropane	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
2,2-Dichloropropane	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

ANALYTICAL REPORT

Sample ID: NSD0965-08 (M&A-217 - Ground Water) - cont. Sampled: 04/09/09 11:00

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
1,1-Dichloropropene	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
Ethylbenzene	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
Hexachlorobutadiene	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
2-Hexanone	ND		ug/L	50.0	1	04/16/09 04:24	SW846 8260B	9041888
Isopropylbenzene	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
p-Isopropyltoluene	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
Methylene Chloride	ND		ug/L	5.00	1	04/16/09 04:24	SW846 8260B	9041888
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/16/09 04:24	SW846 8260B	9041888
Naphthalene	ND		ug/L	5.00	1	04/16/09 04:24	SW846 8260B	9041888
n-Propylbenzene	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
Styrene	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
Tetrachloroethene	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
Toluene	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
Trichloroethene	**11.7**		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
Trichlorofluoromethane	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
Vinyl chloride	**1.04**		ug/L	1.00	1	04/16/09 04:24	SW846 8260B	9041888
Xylenes, total	ND		ug/L	3.00	1	04/16/09 04:24	SW846 8260B	9041888
Surr: 1,2-Dichloroethane-d4 (60-140%)	*94 %*					*04/16/09 04:24*	*SW846 8260B*	*9041888*
Surr: Dibromofluoromethane (75-124%)	*96 %*					*04/16/09 04:24*	*SW846 8260B*	*9041888*
Surr: Toluene-d8 (78-121%)	*99 %*					*04/16/09 04:24*	*SW846 8260B*	*9041888*
Surr: 4-Bromofluorobenzene (79-124%)	*105 %*					*04/16/09 04:24*	*SW846 8260B*	*9041888*

Client	Mabbett & Associates. Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0965-09 (M&A-218 - Ground Water) Sampled: 04/09/09 11:45								
General Chemistry Parameters								
Cyanide	**0.221**		mg/L	0.00500	1	04/17/09 13:06	SW846 9012B	9042437
Cyanide, Weak Acid Dissociable	**0.370**		mg/L	0.00500	1	04/16/09 18:11	SM4500-CN I	9042333
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/16/09 04:51	SW846 8260B	9041888
Benzene	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
Bromobenzene	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
Bromochloromethane	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
Bromodichloromethane	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
Bromoform	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
Bromomethane	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
2-Butanone	ND		ug/L	50.0	1	04/16/09 04:51	SW846 8260B	9041888
sec-Butylbenzene	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
n-Butylbenzene	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
tert-Butylbenzene	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
Carbon disulfide	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
Carbon Tetrachloride	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
Chlorobenzene	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
Chlorodibromomethane	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
Chloroethane	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
Chloroform	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
Chloromethane	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
2-Chlorotoluene	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
4-Chlorotoluene	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/16/09 04:51	SW846 8260B	9041888
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
Dibromomethane	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
1,1-Dichloroethane	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
1,2-Dichloroethane	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
1,1-Dichloroethene	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
1,3-Dichloropropane	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
1,2-Dichloropropane	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
2,2-Dichloropropane	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
1,1-Dichloropropene	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
Ethylbenzene	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
Hexachlorobutadiene	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888

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:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0965-09 (M&A-218 - Ground Water) - cont. Sampled: 04/09/09 11:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
2-Hexanone	ND		ug/L	50.0	1	04/16/09 04:51	SW846 8260B	9041888
Isopropylbenzene	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
p-Isopropyltoluene	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
Methylene Chloride	ND		ug/L	5.00	1	04/16/09 04:51	SW846 8260B	9041888
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/16/09 04:51	SW846 8260B	9041888
Naphthalene	ND		ug/L	5.00	1	04/16/09 04:51	SW846 8260B	9041888
n-Propylbenzene	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
Styrene	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
Tetrachloroethene	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
Toluene	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
Trichloroethene	**3.40**		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
Trichlorofluoromethane	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
Vinyl chloride	ND		ug/L	1.00	1	04/16/09 04:51	SW846 8260B	9041888
Xylenes, total	ND		ug/L	3.00	1	04/16/09 04:51	SW846 8260B	9041888
Surr: 1,2-Dichloroethane-d4 (60-140%)	*96 %*					*04/16/09 04:51*	*SW846 8260B*	*9041888*
Surr: Dibromofluoromethane (75-124%)	*96 %*					*04/16/09 04:51*	*SW846 8260B*	*9041888*
Surr: Toluene-d8 (78-121%)	*98 %*					*04/16/09 04:51*	*SW846 8260B*	*9041888*
Surr: 4-Bromofluorobenzene (79-124%)	*104 %*					*04/16/09 04:51*	*SW846 8260B*	*9041888*

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

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0965-10 (M&A-226 - Ground Water) Sampled: 04/09/09 09:40								
General Chemistry Parameters								
Cyanide	**0.319**		mg/L	0.00500	1	04/17/09 13:06	SW846 9012B	9042437
Cyanide, Weak Acid Dissociable	ND		mg/L	0.00500	1	04/16/09 18:11	SM4500-CN I	9042333
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/16/09 05:19	SW846 8260B	9041888
Benzene	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
Bromobenzene	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
Bromochloromethane	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
Bromodichloromethane	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
Bromoform	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
Bromomethane	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
2-Butanone	ND		ug/L	50.0	1	04/16/09 05:19	SW846 8260B	9041888
sec-Butylbenzene	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
n-Butylbenzene	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
tert-Butylbenzene	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
Carbon disulfide	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
Carbon Tetrachloride	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
Chlorobenzene	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
Chlorodibromomethane	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
Chloroethane	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
Chloroform	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
Chloromethane	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
2-Chlorotoluene	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
4-Chlorotoluene	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/16/09 05:19	SW846 8260B	9041888
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
Dibromomethane	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
1,1-Dichloroethane	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
1,2-Dichloroethane	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
1,1-Dichloroethene	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
1,3-Dichloropropane	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
1,2-Dichloropropane	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
2,2-Dichloropropane	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
1,1-Dichloropropene	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
Ethylbenzene	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
Hexachlorobutadiene	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0965-10 (M&A-226 - Ground Water) - cont. Sampled: 04/09/09 09:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
2-Hexanone	ND		ug/L	50.0	1	04/16/09 05:19	SW846 8260B	9041888
Isopropylbenzene	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
p-Isopropyltoluene	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
Methylene Chloride	ND		ug/L	5.00	1	04/16/09 05:19	SW846 8260B	9041888
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/16/09 05:19	SW846 8260B	9041888
Naphthalene	ND		ug/L	5.00	1	04/16/09 05:19	SW846 8260B	9041888
n-Propylbenzene	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
Styrene	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
Tetrachloroethene	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
Toluene	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
Trichloroethene	**5.66**		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
Trichlorofluoromethane	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
Vinyl chloride	ND		ug/L	1.00	1	04/16/09 05:19	SW846 8260B	9041888
Xylenes, total	ND		ug/L	3.00	1	04/16/09 05:19	SW846 8260B	9041888
Surr: 1,2-Dichloroethane-d4 (60-140%)	*99 %*					*04/16/09 05:19*	*SW846 8260B*	*9041888*
Surr: Dibromofluoromethane (75-124%)	*98 %*					*04/16/09 05:19*	*SW846 8260B*	*9041888*
Surr: Toluene-d8 (78-121%)	*99 %*					*04/16/09 05:19*	*SW846 8260B*	*9041888*
Surr: 4-Bromofluorobenzene (79-124%)	*104 %*					*04/16/09 05:19*	*SW846 8260B*	*9041888*

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:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0965-11 (Gantry Silo - Ground Water) Sampled: 04/09/09 08:30								
General Chemistry Parameters								
Cyanide	**0.0371**		mg/L	0.00500	1	04/17/09 13:06	SW846 9012B	9042437
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/16/09 05:46	SW846 8260B	9041888
Benzene	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
Bromobenzene	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
Bromochloromethane	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
Bromodichloromethane	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
Bromoform	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
Bromomethane	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
2-Butanone	ND		ug/L	50.0	1	04/16/09 05:46	SW846 8260B	9041888
sec-Butylbenzene	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
n-Butylbenzene	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
tert-Butylbenzene	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
Carbon disulfide	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
Carbon Tetrachloride	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
Chlorobenzene	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
Chlorodibromomethane	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
Chloroethane	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
Chloroform	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
Chloromethane	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
2-Chlorotoluene	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
4-Chlorotoluene	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/16/09 05:46	SW846 8260B	9041888
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
Dibromomethane	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
1,1-Dichloroethane	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
1,2-Dichloroethane	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
cis-1,2-Dichloroethene	**40.0**		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
1,1-Dichloroethene	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
1,3-Dichloropropane	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
1,2-Dichloropropane	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
2,2-Dichloropropane	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
1,1-Dichloropropene	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
Ethylbenzene	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
Hexachlorobutadiene	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
2-Hexanone	ND		ug/L	50.0	1	04/16/09 05:46	SW846 8260B	9041888

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0965-11 (Gantry Silo - Ground Water) - cont. Sampled: 04/09/09 08:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Isopropylbenzene	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
p-Isopropyltoluene	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
Methylene Chloride	ND		ug/L	5.00	1	04/16/09 05:46	SW846 8260B	9041888
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/16/09 05:46	SW846 8260B	9041888
Naphthalene	ND		ug/L	5.00	1	04/16/09 05:46	SW846 8260B	9041888
n-Propylbenzene	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
Styrene	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
Tetrachloroethene	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
Toluene	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
Trichloroethene	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
Trichlorofluoromethane	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
Vinyl chloride	**5.61**		ug/L	1.00	1	04/16/09 05:46	SW846 8260B	9041888
Xylenes, total	ND		ug/L	3.00	1	04/16/09 05:46	SW846 8260B	9041888
Surr: 1,2-Dichloroethane-d4 (60-140%)	*96 %*					*04/16/09 05:46*	*SW846 8260B*	*9041888*
Surr: Dibromofluoromethane (75-124%)	*98 %*					*04/16/09 05:46*	*SW846 8260B*	*9041888*
Surr: Toluene-d8 (78-121%)	*99 %*					*04/16/09 05:46*	*SW846 8260B*	*9041888*
Surr: 4-Bromofluorobenzene (79-124%)	*101 %*					*04/16/09 05:46*	*SW846 8260B*	*9041888*
Sample ID: NSD0965-12 (MW-301 - Ground Water) Sampled: 04/09/09 10:20								
General Chemistry Parameters								
Cyanide	**0.167**		mg/L	0.00500	1	04/17/09 13:06	SW846 9012B	9042437
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/16/09 06:14	SW846 8260B	9041888
Benzene	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
Bromobenzene	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
Bromochloromethane	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
Bromodichloromethane	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
Bromoform	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
Bromomethane	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
2-Butanone	ND		ug/L	50.0	1	04/16/09 06:14	SW846 8260B	9041888
sec-Butylbenzene	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
n-Butylbenzene	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
tert-Butylbenzene	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0965-12 (MW-301 - Ground Water) - cont. Sampled: 04/09/09 10:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Carbon disulfide	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
Carbon Tetrachloride	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
Chlorobenzene	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
Chlorodibromomethane	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
Chloroethane	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
Chloroform	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
Chloromethane	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
2-Chlorotoluene	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
4-Chlorotoluene	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/16/09 06:14	SW846 8260B	9041888
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
Dibromomethane	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
1,1-Dichloroethane	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
1,2-Dichloroethane	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
1,1-Dichloroethene	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
1,3-Dichloropropane	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
1,2-Dichloropropane	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
2,2-Dichloropropane	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
1,1-Dichloropropene	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
Ethylbenzene	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
Hexachlorobutadiene	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
2-Hexanone	ND		ug/L	50.0	1	04/16/09 06:14	SW846 8260B	9041888
Isopropylbenzene	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
p-Isopropyltoluene	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
Methylene Chloride	ND		ug/L	5.00	1	04/16/09 06:14	SW846 8260B	9041888
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/16/09 06:14	SW846 8260B	9041888
Naphthalene	ND		ug/L	5.00	1	04/16/09 06:14	SW846 8260B	9041888
n-Propylbenzene	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
Styrene	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
Tetrachloroethene	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
Toluene	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0965-12 (MW-301 - Ground Water) - cont. Sampled: 04/09/09 10:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
Trichloroethene	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
Trichlorofluoromethane	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
Vinyl chloride	ND		ug/L	1.00	1	04/16/09 06:14	SW846 8260B	9041888
Xylenes, total	ND		ug/L	3.00	1	04/16/09 06:14	SW846 8260B	9041888
Surr: 1,2-Dichloroethane-d4 (60-140%)	*96 %*					*04/16/09 06:14*	*SW846 8260B*	*9041888*
Surr: Dibromofluoromethane (75-124%)	*98 %*					*04/16/09 06:14*	*SW846 8260B*	*9041888*
Surr: Toluene-d8 (78-121%)	*99 %*					*04/16/09 06:14*	*SW846 8260B*	*9041888*
Surr: 4-Bromofluorobenzene (79-124%)	*104 %*					*04/16/09 06:14*	*SW846 8260B*	*9041888*
Sample ID: NSD0965-13 (MW-303 - Ground Water) Sampled: 04/09/09 11:40								
General Chemistry Parameters								
Cyanide	**0.133**		mg/L	0.00500	1	04/17/09 13:06	SW846 9012B	9042437
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/16/09 06:41	SW846 8260B	9041888
Benzene	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
Bromobenzene	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
Bromochloromethane	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
Bromodichloromethane	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
Bromoform	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
Bromomethane	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
2-Butanone	ND		ug/L	50.0	1	04/16/09 06:41	SW846 8260B	9041888
sec-Butylbenzene	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
n-Butylbenzene	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
tert-Butylbenzene	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
Carbon disulfide	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
Carbon Tetrachloride	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
Chlorobenzene	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
Chlorodibromomethane	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
Chloroethane	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
Chloroform	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
Chloromethane	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
2-Chlorotoluene	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
4-Chlorotoluene	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/16/09 06:41	SW846 8260B	9041888
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
Dibromomethane	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0965-13 (MW-303 - Ground Water) - cont. Sampled: 04/09/09 11:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
1,1-Dichloroethane	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
1,2-Dichloroethane	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
cis-1,2-Dichloroethene	**12.1**		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
1,1-Dichloroethene	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
1,3-Dichloropropane	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
1,2-Dichloropropane	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
2,2-Dichloropropane	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
1,1-Dichloropropene	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
Ethylbenzene	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
Hexachlorobutadiene	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
2-Hexanone	ND		ug/L	50.0	1	04/16/09 06:41	SW846 8260B	9041888
Isopropylbenzene	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
p-Isopropyltoluene	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
Methylene Chloride	ND		ug/L	5.00	1	04/16/09 06:41	SW846 8260B	9041888
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/16/09 06:41	SW846 8260B	9041888
Naphthalene	ND		ug/L	5.00	1	04/16/09 06:41	SW846 8260B	9041888
n-Propylbenzene	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
Styrene	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
Tetrachloroethene	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
Toluene	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
Trichloroethene	**30.5**		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
Trichlorofluoromethane	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
Vinyl chloride	ND		ug/L	1.00	1	04/16/09 06:41	SW846 8260B	9041888
Xylenes, total	ND		ug/L	3.00	1	04/16/09 06:41	SW846 8260B	9041888
Surr: 1,2-Dichloroethane-d4 (60-140%)	*99 %*					*04/16/09 06:41*	*SW846 8260B*	*9041888*
Surr: Dibromofluoromethane (75-124%)	*99 %*					*04/16/09 06:41*	*SW846 8260B*	*9041888*
Surr: Toluene-d8 (78-121%)	*98 %*					*04/16/09 06:41*	*SW846 8260B*	*9041888*
Surr: 4-Bromofluorobenzene (79-124%)	*103 %*					*04/16/09 06:41*	*SW846 8260B*	*9041888*

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:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0965-13 (MW-303 - Ground Water) - cont. Sampled: 04/09/09 11:40								
Sample ID: NSD0965-14 (MW-304 - Ground Water) Sampled: 04/09/09 09:45								
General Chemistry Parameters								
Cyanide	**0.118**		mg/L	0.00500	1	04/17/09 13:06	SW846 9012B	9042437
Cyanide, Weak Acid Dissociable	**0.0202**		mg/L	0.00500	1	04/16/09 18:11	SM4500-CN I	9042333
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/16/09 07:09	SW846 8260B	9041888
Benzene	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
Bromobenzene	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
Bromochloromethane	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
Bromodichloromethane	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
Bromoform	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
Bromomethane	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
2-Butanone	ND		ug/L	50.0	1	04/16/09 07:09	SW846 8260B	9041888
sec-Butylbenzene	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
n-Butylbenzene	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
tert-Butylbenzene	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
Carbon disulfide	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
Carbon Tetrachloride	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
Chlorobenzene	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
Chlorodibromomethane	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
Chloroethane	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
Chloroform	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
Chloromethane	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
2-Chlorotoluene	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
4-Chlorotoluene	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/16/09 07:09	SW846 8260B	9041888
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
Dibromomethane	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
1,1-Dichloroethane	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
1,2-Dichloroethane	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
cis-1,2-Dichloroethene	**6.36**		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
1,1-Dichloroethene	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
1,3-Dichloropropane	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
1,2-Dichloropropane	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
2,2-Dichloropropane	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
1,1-Dichloropropene	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888

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:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0965-14 (MW-304 - Ground Water) - cont. Sampled: 04/09/09 09:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Ethylbenzene	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
Hexachlorobutadiene	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
2-Hexanone	ND		ug/L	50.0	1	04/16/09 07:09	SW846 8260B	9041888
Isopropylbenzene	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
p-Isopropyltoluene	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
Methylene Chloride	ND		ug/L	5.00	1	04/16/09 07:09	SW846 8260B	9041888
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/16/09 07:09	SW846 8260B	9041888
Naphthalene	ND		ug/L	5.00	1	04/16/09 07:09	SW846 8260B	9041888
n-Propylbenzene	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
Styrene	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
Tetrachloroethene	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
Toluene	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
Trichloroethene	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
Trichlorofluoromethane	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
Vinyl chloride	**1.40**		ug/L	1.00	1	04/16/09 07:09	SW846 8260B	9041888
Xylenes, total	ND		ug/L	3.00	1	04/16/09 07:09	SW846 8260B	9041888
Surr: 1,2-Dichloroethane-d4 (60-140%)	*94 %*					*04/16/09 07:09*	*SW846 8260B*	*9041888*
Surr: Dibromofluoromethane (75-124%)	*94 %*					*04/16/09 07:09*	*SW846 8260B*	*9041888*
Surr: Toluene-d8 (78-121%)	*98 %*					*04/16/09 07:09*	*SW846 8260B*	*9041888*
Surr: 4-Bromofluorobenzene (79-124%)	*108 %*					*04/16/09 07:09*	*SW846 8260B*	*9041888*

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:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0965-15 (Trip Blank - Ground Water) Sampled: 04/09/09 16:00								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/16/09 17:04	SW846 8260B	9041890
Benzene	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
Bromobenzene	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
Bromochloromethane	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
Bromodichloromethane	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
Bromoform	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
Bromomethane	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
2-Butanone	ND		ug/L	50.0	1	04/16/09 17:04	SW846 8260B	9041890
sec-Butylbenzene	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
n-Butylbenzene	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
tert-Butylbenzene	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
Carbon disulfide	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
Carbon Tetrachloride	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
Chlorobenzene	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
Chlorodibromomethane	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
Chloroethane	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
Chloroform	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
Chloromethane	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
2-Chlorotoluene	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
4-Chlorotoluene	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/16/09 17:04	SW846 8260B	9041890
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
Dibromomethane	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
1,1-Dichloroethane	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
1,2-Dichloroethane	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
1,1-Dichloroethene	ND	L	ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
1,3-Dichloropropane	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
1,2-Dichloropropane	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
2,2-Dichloropropane	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
1,1-Dichloropropene	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
Ethylbenzene	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
Hexachlorobutadiene	ND	B	ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
2-Hexanone	ND		ug/L	50.0	1	04/16/09 17:04	SW846 8260B	9041890
Isopropylbenzene	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
p-Isopropyltoluene	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890

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Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0965-15 (Trip Blank - Ground Water) - cont. Sampled: 04/09/09 16:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
Methylene Chloride	ND		ug/L	5.00	1	04/16/09 17:04	SW846 8260B	9041890
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/16/09 17:04	SW846 8260B	9041890
Naphthalene	ND		ug/L	5.00	1	04/16/09 17:04	SW846 8260B	9041890
n-Propylbenzene	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
Styrene	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
Tetrachloroethene	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
Toluene	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
Trichloroethene	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
Trichlorofluoromethane	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
Vinyl chloride	ND		ug/L	1.00	1	04/16/09 17:04	SW846 8260B	9041890
Xylenes, total	ND		ug/L	3.00	1	04/16/09 17:04	SW846 8260B	9041890
Surr: 1,2-Dichloroethane-d4 (60-140%)	*99 %*					*04/16/09 17:04*	*SW846 8260B*	*9041890*
Surr: Dibromofluoromethane (75-124%)	*96 %*					*04/16/09 17:04*	*SW846 8260B*	*9041890*
Surr: Toluene-d8 (78-121%)	*99 %*					*04/16/09 17:04*	*SW846 8260B*	*9041890*
Surr: 4-Bromofluorobenzene (79-124%)	*106 %*					*04/16/09 17:04*	*SW846 8260B*	*9041890*

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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:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Polychlorinated Biphenyls by EPA Method 8082							
SW846 8082	9041826	NSD0965-01	500.00	2.00	04/14/09 15:30	DXP	EPA 3510C
SW846 8082	9041826	NSD0965-02	500.00	2.00	04/14/09 15:30	DXP	EPA 3510C
SW846 8082	9041826	NSD0965-03	500.00	2.00	04/14/09 15:30	DXP	EPA 3510C
SW846 8082	9041826	NSD0965-04	500.00	2.00	04/14/09 15:30	DXP	EPA 3510C
SW846 8082	9041826	NSD0965-05	500.00	2.00	04/14/09 15:30	DXP	EPA 3510C
SW846 8082	9041826	NSD0965-06	500.00	2.00	04/14/09 15:30	DXP	EPA 3510C

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
General Chemistry Parameters						
9042333-BLK1						
Cyanide, Weak Acid Dissociable	<0.00200		mg/L	9042333	9042333-BLK1	04/16/09 18:11
9042437-BLK1						
Cyanide	<0.00300		mg/L	9042437	9042437-BLK1	04/17/09 13:06
Polychlorinated Biphenyls by EPA Method 8082						
9041826-BLK1						
PCB-1016	<0.250		ug/L	9041826	9041826-BLK1	04/16/09 03:35
PCB-1221	<0.450		ug/L	9041826	9041826-BLK1	04/16/09 03:35
PCB-1232	<0.440		ug/L	9041826	9041826-BLK1	04/16/09 03:35
PCB-1242	<0.330		ug/L	9041826	9041826-BLK1	04/16/09 03:35
PCB-1248	<0.450		ug/L	9041826	9041826-BLK1	04/16/09 03:35
PCB-1254	<0.460		ug/L	9041826	9041826-BLK1	04/16/09 03:35
PCB-1260	<0.220		ug/L	9041826	9041826-BLK1	04/16/09 03:35
Surrogate: Tetrachloro-meta-xylene	76%			9041826	9041826-BLK1	04/16/09 03:35
Surrogate: Decachlorobiphenyl	74%			9041826	9041826-BLK1	04/16/09 03:35
Volatile Organic Compounds by EPA Method 8260B						
9041888-BLK1						
Acetone	<25.0		ug/L	9041888	9041888-BLK1	04/16/09 02:07
Benzene	<0.270		ug/L	9041888	9041888-BLK1	04/16/09 02:07
Bromobenzene	<0.360		ug/L	9041888	9041888-BLK1	04/16/09 02:07
Bromochloromethane	<0.400		ug/L	9041888	9041888-BLK1	04/16/09 02:07
Bromodichloromethane	<0.350		ug/L	9041888	9041888-BLK1	04/16/09 02:07
Bromoform	<0.430		ug/L	9041888	9041888-BLK1	04/16/09 02:07
Bromomethane	<0.420		ug/L	9041888	9041888-BLK1	04/16/09 02:07
2-Butanone	<2.40		ug/L	9041888	9041888-BLK1	04/16/09 02:07
sec-Butylbenzene	<0.140		ug/L	9041888	9041888-BLK1	04/16/09 02:07
n-Butylbenzene	<0.280		ug/L	9041888	9041888-BLK1	04/16/09 02:07
tert-Butylbenzene	<0.330		ug/L	9041888	9041888-BLK1	04/16/09 02:07
Carbon disulfide	<0.380		ug/L	9041888	9041888-BLK1	04/16/09 02:07
Carbon Tetrachloride	<0.350		ug/L	9041888	9041888-BLK1	04/16/09 02:07
Chlorobenzene	<0.180		ug/L	9041888	9041888-BLK1	04/16/09 02:07
Chlorodibromomethane	<0.280		ug/L	9041888	9041888-BLK1	04/16/09 02:07
Chloroethane	<0.450		ug/L	9041888	9041888-BLK1	04/16/09 02:07
Chloroform	<0.280		ug/L	9041888	9041888-BLK1	04/16/09 02:07
Chloromethane	<0.380		ug/L	9041888	9041888-BLK1	04/16/09 02:07
2-Chlorotoluene	<0.300		ug/L	9041888	9041888-BLK1	04/16/09 02:07
4-Chlorotoluene	<0.330		ug/L	9041888	9041888-BLK1	04/16/09 02:07
1,2-Dibromo-3-chloropropane	<0.860		ug/L	9041888	9041888-BLK1	04/16/09 02:07
1,2-Dibromoethane (EDB)	<0.390		ug/L	9041888	9041888-BLK1	04/16/09 02:07

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:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

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						
9041888-BLK1						
Dibromomethane	<0.350		ug/L	9041888	9041888-BLK1	04/16/09 02:07
1,4-Dichlorobenzene	<0.380		ug/L	9041888	9041888-BLK1	04/16/09 02:07
1,3-Dichlorobenzene	<0.350		ug/L	9041888	9041888-BLK1	04/16/09 02:07
1,2-Dichlorobenzene	<0.500		ug/L	9041888	9041888-BLK1	04/16/09 02:07
Dichlorodifluoromethane	<0.460		ug/L	9041888	9041888-BLK1	04/16/09 02:07
1,1-Dichloroethane	<0.540		ug/L	9041888	9041888-BLK1	04/16/09 02:07
1,2-Dichloroethane	<0.370		ug/L	9041888	9041888-BLK1	04/16/09 02:07
cis-1,2-Dichloroethene	<0.390		ug/L	9041888	9041888-BLK1	04/16/09 02:07
1,1-Dichloroethene	<0.340		ug/L	9041888	9041888-BLK1	04/16/09 02:07
trans-1,2-Dichloroethene	<0.470		ug/L	9041888	9041888-BLK1	04/16/09 02:07
1,3-Dichloropropane	<0.290		ug/L	9041888	9041888-BLK1	04/16/09 02:07
1,2-Dichloropropane	<0.320		ug/L	9041888	9041888-BLK1	04/16/09 02:07
2,2-Dichloropropane	<0.420		ug/L	9041888	9041888-BLK1	04/16/09 02:07
cis-1,3-Dichloropropene	<0.290		ug/L	9041888	9041888-BLK1	04/16/09 02:07
trans-1,3-Dichloropropene	<0.330		ug/L	9041888	9041888-BLK1	04/16/09 02:07
1,1-Dichloropropene	<0.310		ug/L	9041888	9041888-BLK1	04/16/09 02:07
Ethylbenzene	<0.240		ug/L	9041888	9041888-BLK1	04/16/09 02:07
Hexachlorobutadiene	3.23		ug/L	9041888	9041888-BLK1	04/16/09 02:07
2-Hexanone	<16.7		ug/L	9041888	9041888-BLK1	04/16/09 02:07
Isopropylbenzene	<0.300		ug/L	9041888	9041888-BLK1	04/16/09 02:07
p-Isopropyltoluene	<0.220		ug/L	9041888	9041888-BLK1	04/16/09 02:07
Methyl tert-Butyl Ether	<0.420		ug/L	9041888	9041888-BLK1	04/16/09 02:07
Methylene Chloride	0.860		ug/L	9041888	9041888-BLK1	04/16/09 02:07
4-Methyl-2-pentanone	<3.49		ug/L	9041888	9041888-BLK1	04/16/09 02:07
Naphthalene	<0.540		ug/L	9041888	9041888-BLK1	04/16/09 02:07
n-Propylbenzene	<0.290		ug/L	9041888	9041888-BLK1	04/16/09 02:07
Styrene	<0.330		ug/L	9041888	9041888-BLK1	04/16/09 02:07
1,1,1,2-Tetrachloroethane	<0.290		ug/L	9041888	9041888-BLK1	04/16/09 02:07
1,1,2,2-Tetrachloroethane	<0.290		ug/L	9041888	9041888-BLK1	04/16/09 02:07
Tetrachloroethene	<0.230		ug/L	9041888	9041888-BLK1	04/16/09 02:07
Toluene	<0.280		ug/L	9041888	9041888-BLK1	04/16/09 02:07
1,2,3-Trichlorobenzene	<0.940		ug/L	9041888	9041888-BLK1	04/16/09 02:07
1,2,4-Trichlorobenzene	<0.500		ug/L	9041888	9041888-BLK1	04/16/09 02:07
1,1,2-Trichloroethane	<0.400		ug/L	9041888	9041888-BLK1	04/16/09 02:07
1,1,1-Trichloroethane	<0.370		ug/L	9041888	9041888-BLK1	04/16/09 02:07
Trichloroethene	<0.230		ug/L	9041888	9041888-BLK1	04/16/09 02:07
Trichlorofluoromethane	<0.350		ug/L	9041888	9041888-BLK1	04/16/09 02:07
1,2,3-Trichloropropane	<0.290		ug/L	9041888	9041888-BLK1	04/16/09 02:07
1,3,5-Trimethylbenzene	<0.160		ug/L	9041888	9041888-BLK1	04/16/09 02:07
1,2,4-Trimethylbenzene	<0.170		ug/L	9041888	9041888-BLK1	04/16/09 02:07
Vinyl chloride	<0.290		ug/L	9041888	9041888-BLK1	04/16/09 02:07

Client	Mabbett & Associates. Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford. MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

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						
9041888-BLK1						
Xylenes, total	<0.860		ug/L	9041888	9041888-BLK1	04/16/09 02:07
Surrogate: 1,2-Dichloroethane-d4	95%			9041888	9041888-BLK1	04/16/09 02:07
Surrogate: Dibromofluoromethane	96%			9041888	9041888-BLK1	04/16/09 02:07
Surrogate: Toluene-d8	100%			9041888	9041888-BLK1	04/16/09 02:07
Surrogate: 4-Bromofluorobenzene	104%			9041888	9041888-BLK1	04/16/09 02:07
9041890-BLK1						
Acetone	<25.0		ug/L	9041890	9041890-BLK1	04/16/09 16:36
Benzene	<0.270		ug/L	9041890	9041890-BLK1	04/16/09 16:36
Bromobenzene	<0.360		ug/L	9041890	9041890-BLK1	04/16/09 16:36
Bromochloromethane	<0.400		ug/L	9041890	9041890-BLK1	04/16/09 16:36
Bromodichloromethane	<0.350		ug/L	9041890	9041890-BLK1	04/16/09 16:36
Bromoform	<0.430		ug/L	9041890	9041890-BLK1	04/16/09 16:36
Bromomethane	<0.420		ug/L	9041890	9041890-BLK1	04/16/09 16:36
2-Butanone	<2.40		ug/L	9041890	9041890-BLK1	04/16/09 16:36
sec-Butylbenzene	<0.140		ug/L	9041890	9041890-BLK1	04/16/09 16:36
n-Butylbenzene	<0.280		ug/L	9041890	9041890-BLK1	04/16/09 16:36
tert-Butylbenzene	<0.330		ug/L	9041890	9041890-BLK1	04/16/09 16:36
Carbon disulfide	<0.380		ug/L	9041890	9041890-BLK1	04/16/09 16:36
Carbon Tetrachloride	<0.350		ug/L	9041890	9041890-BLK1	04/16/09 16:36
Chlorobenzene	<0.180		ug/L	9041890	9041890-BLK1	04/16/09 16:36
Chlorodibromomethane	<0.280		ug/L	9041890	9041890-BLK1	04/16/09 16:36
Chloroethane	<0.450		ug/L	9041890	9041890-BLK1	04/16/09 16:36
Chloroform	0.340		ug/L	9041890	9041890-BLK1	04/16/09 16:36
Chloromethane	<0.380		ug/L	9041890	9041890-BLK1	04/16/09 16:36
2-Chlorotoluene	<0.300		ug/L	9041890	9041890-BLK1	04/16/09 16:36
4-Chlorotoluene	<0.330		ug/L	9041890	9041890-BLK1	04/16/09 16:36
1,2-Dibromo-3-chloropropane	<0.860		ug/L	9041890	9041890-BLK1	04/16/09 16:36
1,2-Dibromoethane (EDB)	<0.390		ug/L	9041890	9041890-BLK1	04/16/09 16:36
Dibromomethane	<0.350		ug/L	9041890	9041890-BLK1	04/16/09 16:36
1,4-Dichlorobenzene	<0.380		ug/L	9041890	9041890-BLK1	04/16/09 16:36
1,3-Dichlorobenzene	<0.350		ug/L	9041890	9041890-BLK1	04/16/09 16:36
1,2-Dichlorobenzene	<0.500		ug/L	9041890	9041890-BLK1	04/16/09 16:36
Dichlorodifluoromethane	<0.460		ug/L	9041890	9041890-BLK1	04/16/09 16:36
1,1-Dichloroethane	<0.540		ug/L	9041890	9041890-BLK1	04/16/09 16:36
1,2-Dichloroethane	<0.370		ug/L	9041890	9041890-BLK1	04/16/09 16:36
cis-1,2-Dichloroethene	<0.390		ug/L	9041890	9041890-BLK1	04/16/09 16:36
1,1-Dichloroethene	<0.340		ug/L	9041890	9041890-BLK1	04/16/09 16:36
trans-1,2-Dichloroethene	<0.470		ug/L	9041890	9041890-BLK1	04/16/09 16:36
1,3-Dichloropropane	<0.290		ug/L	9041890	9041890-BLK1	04/16/09 16:36
1,2-Dichloropropane	<0.320		ug/L	9041890	9041890-BLK1	04/16/09 16:36

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

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						
9041890-BLK1						
2,2-Dichloropropane	<0.420		ug/L	9041890	9041890-BLK1	04/16/09 16:36
cis-1,3-Dichloropropene	<0.290		ug/L	9041890	9041890-BLK1	04/16/09 16:36
trans-1,3-Dichloropropene	<0.330		ug/L	9041890	9041890-BLK1	04/16/09 16:36
1,1-Dichloropropene	<0.310		ug/L	9041890	9041890-BLK1	04/16/09 16:36
Ethylbenzene	<0.240		ug/L	9041890	9041890-BLK1	04/16/09 16:36
Hexachlorobutadiene	3.58		ug/L	9041890	9041890-BLK1	04/16/09 16:36
2-Hexanone	<16.7		ug/L	9041890	9041890-BLK1	04/16/09 16:36
Isopropylbenzene	<0.300		ug/L	9041890	9041890-BLK1	04/16/09 16:36
p-Isopropyltoluene	<0.220		ug/L	9041890	9041890-BLK1	04/16/09 16:36
Methyl tert-Butyl Ether	<0.420		ug/L	9041890	9041890-BLK1	04/16/09 16:36
Methylene Chloride	<0.830		ug/L	9041890	9041890-BLK1	04/16/09 16:36
4-Methyl-2-pentanone	<3.49		ug/L	9041890	9041890-BLK1	04/16/09 16:36
Naphthalene	<0.540		ug/L	9041890	9041890-BLK1	04/16/09 16:36
n-Propylbenzene	<0.290		ug/L	9041890	9041890-BLK1	04/16/09 16:36
Styrene	<0.330		ug/L	9041890	9041890-BLK1	04/16/09 16:36
1,1,1,2-Tetrachloroethane	<0.290		ug/L	9041890	9041890-BLK1	04/16/09 16:36
1,1,2,2-Tetrachloroethane	<0.290		ug/L	9041890	9041890-BLK1	04/16/09 16:36
Tetrachloroethene	<0.230		ug/L	9041890	9041890-BLK1	04/16/09 16:36
Toluene	<0.280		ug/L	9041890	9041890-BLK1	04/16/09 16:36
1,2,3-Trichlorobenzene	<0.940		ug/L	9041890	9041890-BLK1	04/16/09 16:36
1,2,4-Trichlorobenzene	<0.500		ug/L	9041890	9041890-BLK1	04/16/09 16:36
1,1,2-Trichloroethane	<0.400		ug/L	9041890	9041890-BLK1	04/16/09 16:36
1,1,1-Trichloroethane	<0.370		ug/L	9041890	9041890-BLK1	04/16/09 16:36
Trichloroethene	<0.230		ug/L	9041890	9041890-BLK1	04/16/09 16:36
Trichlorofluoromethane	<0.350		ug/L	9041890	9041890-BLK1	04/16/09 16:36
1,2,3-Trichloropropane	<0.290		ug/L	9041890	9041890-BLK1	04/16/09 16:36
1,3,5-Trimethylbenzene	<0.160		ug/L	9041890	9041890-BLK1	04/16/09 16:36
1,2,4-Trimethylbenzene	<0.170		ug/L	9041890	9041890-BLK1	04/16/09 16:36
Vinyl chloride	<0.290		ug/L	9041890	9041890-BLK1	04/16/09 16:36
Xylenes, total	<0.860		ug/L	9041890	9041890-BLK1	04/16/09 16:36
Surrogate: 1,2-Dichloroethane-d4	93%			9041890	9041890-BLK1	04/16/09 16:36
Surrogate: Dibromofluoromethane	93%			9041890	9041890-BLK1	04/16/09 16:36
Surrogate: Toluene-d8	98%			9041890	9041890-BLK1	04/16/09 16:36
Surrogate: 4-Bromofluorobenzene	103%			9041890	9041890-BLK1	04/16/09 16:36
9042285-BLK1						
Acetone	<25.0		ug/L	9042285	9042285-BLK1	04/15/09 01:17
Benzene	<0.270		ug/L	9042285	9042285-BLK1	04/15/09 01:17
Bromobenzene	<0.360		ug/L	9042285	9042285-BLK1	04/15/09 01:17
Bromochloromethane	<0.400		ug/L	9042285	9042285-BLK1	04/15/09 01:17
Bromodichloromethane	<0.350		ug/L	9042285	9042285-BLK1	04/15/09 01:17

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

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						
9042285-BLK1						
Bromoform	<0.430		ug/L	9042285	9042285-BLK1	04/15/09 01:17
Bromomethane	<0.420		ug/L	9042285	9042285-BLK1	04/15/09 01:17
2-Butanone	<2.40		ug/L	9042285	9042285-BLK1	04/15/09 01:17
sec-Butylbenzene	<0.140		ug/L	9042285	9042285-BLK1	04/15/09 01:17
n-Butylbenzene	<0.280		ug/L	9042285	9042285-BLK1	04/15/09 01:17
tert-Butylbenzene	<0.330		ug/L	9042285	9042285-BLK1	04/15/09 01:17
Carbon disulfide	<0.380		ug/L	9042285	9042285-BLK1	04/15/09 01:17
Carbon Tetrachloride	<0.350		ug/L	9042285	9042285-BLK1	04/15/09 01:17
Chlorobenzene	<0.180		ug/L	9042285	9042285-BLK1	04/15/09 01:17
Chlorodibromomethane	<0.280		ug/L	9042285	9042285-BLK1	04/15/09 01:17
Chloroethane	<0.450		ug/L	9042285	9042285-BLK1	04/15/09 01:17
Chloroform	<0.280		ug/L	9042285	9042285-BLK1	04/15/09 01:17
Chloromethane	<0.380		ug/L	9042285	9042285-BLK1	04/15/09 01:17
2-Chlorotoluene	<0.300		ug/L	9042285	9042285-BLK1	04/15/09 01:17
4-Chlorotoluene	<0.330		ug/L	9042285	9042285-BLK1	04/15/09 01:17
1,2-Dibromo-3-chloropropane	<0.860		ug/L	9042285	9042285-BLK1	04/15/09 01:17
1,2-Dibromoethane (EDB)	<0.390		ug/L	9042285	9042285-BLK1	04/15/09 01:17
Dibromomethane	<0.350		ug/L	9042285	9042285-BLK1	04/15/09 01:17
1,4-Dichlorobenzene	<0.380		ug/L	9042285	9042285-BLK1	04/15/09 01:17
1,3-Dichlorobenzene	<0.350		ug/L	9042285	9042285-BLK1	04/15/09 01:17
1,2-Dichlorobenzene	<0.500		ug/L	9042285	9042285-BLK1	04/15/09 01:17
Dichlorodifluoromethane	<0.460		ug/L	9042285	9042285-BLK1	04/15/09 01:17
1,1-Dichloroethane	<0.540		ug/L	9042285	9042285-BLK1	04/15/09 01:17
1,2-Dichloroethane	<0.370		ug/L	9042285	9042285-BLK1	04/15/09 01:17
cis-1,2-Dichloroethene	<0.390		ug/L	9042285	9042285-BLK1	04/15/09 01:17
1,1-Dichloroethene	<0.340		ug/L	9042285	9042285-BLK1	04/15/09 01:17
trans-1,2-Dichloroethene	<0.470		ug/L	9042285	9042285-BLK1	04/15/09 01:17
1,3-Dichloropropane	<0.290		ug/L	9042285	9042285-BLK1	04/15/09 01:17
1,2-Dichloropropane	<0.320		ug/L	9042285	9042285-BLK1	04/15/09 01:17
2,2-Dichloropropane	<0.420		ug/L	9042285	9042285-BLK1	04/15/09 01:17
cis-1,3-Dichloropropene	<0.290		ug/L	9042285	9042285-BLK1	04/15/09 01:17
trans-1,3-Dichloropropene	<0.330		ug/L	9042285	9042285-BLK1	04/15/09 01:17
1,1-Dichloropropene	<0.310		ug/L	9042285	9042285-BLK1	04/15/09 01:17
Ethylbenzene	<0.240		ug/L	9042285	9042285-BLK1	04/15/09 01:17
Hexachlorobutadiene	<0.910		ug/L	9042285	9042285-BLK1	04/15/09 01:17
2-Hexanone	<16.7		ug/L	9042285	9042285-BLK1	04/15/09 01:17
Isopropylbenzene	<0.300		ug/L	9042285	9042285-BLK1	04/15/09 01:17
p-Isopropyltoluene	<0.220		ug/L	9042285	9042285-BLK1	04/15/09 01:17
Methyl tert-Butyl Ether	<0.420		ug/L	9042285	9042285-BLK1	04/15/09 01:17
Methylene Chloride	<0.830		ug/L	9042285	9042285-BLK1	04/15/09 01:17
4-Methyl-2-pentanone	<3.49		ug/L	9042285	9042285-BLK1	04/15/09 01:17

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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:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

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						
9042285-BLK1						
Naphthalene	<0.540		ug/L	9042285	9042285-BLK1	04/15/09 01:17
n-Propylbenzene	<0.290		ug/L	9042285	9042285-BLK1	04/15/09 01:17
Styrene	<0.330		ug/L	9042285	9042285-BLK1	04/15/09 01:17
1,1,1,2-Tetrachloroethane	<0.290		ug/L	9042285	9042285-BLK1	04/15/09 01:17
1,1,2,2-Tetrachloroethane	<0.290		ug/L	9042285	9042285-BLK1	04/15/09 01:17
Tetrachloroethene	<0.230		ug/L	9042285	9042285-BLK1	04/15/09 01:17
Toluene	<0.280		ug/L	9042285	9042285-BLK1	04/15/09 01:17
1,2,3-Trichlorobenzene	<0.940		ug/L	9042285	9042285-BLK1	04/15/09 01:17
1,2,4-Trichlorobenzene	<0.500		ug/L	9042285	9042285-BLK1	04/15/09 01:17
1,1,2-Trichloroethane	<0.400		ug/L	9042285	9042285-BLK1	04/15/09 01:17
1,1,1-Trichloroethane	<0.370		ug/L	9042285	9042285-BLK1	04/15/09 01:17
Trichloroethene	0.580		ug/L	9042285	9042285-BLK1	04/15/09 01:17
Trichlorofluoromethane	<0.350		ug/L	9042285	9042285-BLK1	04/15/09 01:17
1,2,3-Trichloropropane	<0.290		ug/L	9042285	9042285-BLK1	04/15/09 01:17
1,3,5-Trimethylbenzene	<0.160		ug/L	9042285	9042285-BLK1	04/15/09 01:17
1,2,4-Trimethylbenzene	<0.170		ug/L	9042285	9042285-BLK1	04/15/09 01:17
Vinyl chloride	<0.290		ug/L	9042285	9042285-BLK1	04/15/09 01:17
Xylenes, total	<0.860		ug/L	9042285	9042285-BLK1	04/15/09 01:17
Surrogate: 1,2-Dichloroethane-d4	95%			9042285	9042285-BLK1	04/15/09 01:17
Surrogate: Dibromofluoromethane	98%			9042285	9042285-BLK1	04/15/09 01:17
Surrogate: Toluene-d8	101%			9042285	9042285-BLK1	04/15/09 01:17
Surrogate: 4-Bromofluorobenzene	94%			9042285	9042285-BLK1	04/15/09 01:17

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Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	% Rec.	Analyzed Date/Time
General Chemistry Parameters										
9042333-DUP1										
Cyanide, Weak Acid Dissociable	0.0202	0.0548	R2	mg/L	92	29	9042333	NSD0965-14		04/16/09 18:11
9042437-DUP1										
Cyanide	ND	ND		mg/L		43	9042437	NSD0652-03		04/17/09 13:06

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Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
9042333-BS1								
Cyanide, Weak Acid Dissociable	0.100	0.0843		mg/L	84%	81 - 119	9042333	04/16/09 18:11
9042437-BS1								
Cyanide	0.100	0.0965		mg/L	96%	90 - 110	9042437	04/17/09 13:06
Polychlorinated Biphenyls by EPA Method 8082								
9041826-BS1								
PCB-1242	10.0	8.41	MNR1	ug/L	84%	26 - 149	9041826	04/16/09 03:55
Surrogate: Tetrachloro-meta-xylene	1.00	0.748			75%	29 - 137	9041826	04/16/09 03:55
Surrogate: Decachlorobiphenyl	1.00	0.696			70%	10 - 146	9041826	04/16/09 03:55
Volatile Organic Compounds by EPA Method 8260B								
9041888-BS1								
Acetone	250	280		ug/L	112%	62 - 150	9041888	04/16/09 00:17
Benzene	50.0	51.8		ug/L	104%	80 - 137	9041888	04/16/09 00:17
Bromobenzene	50.0	49.8		ug/L	100%	74 - 131	9041888	04/16/09 00:17
Bromochloromethane	50.0	58.6		ug/L	117%	80 - 128	9041888	04/16/09 00:17
Bromodichloromethane	50.0	43.6		ug/L	87%	80 - 129	9041888	04/16/09 00:17
Bromoform	50.0	46.8		ug/L	94%	69 - 127	9041888	04/16/09 00:17
Bromomethane	50.0	49.4		ug/L	99%	62 - 148	9041888	04/16/09 00:17
2-Butanone	250	288		ug/L	115%	77 - 141	9041888	04/16/09 00:17
sec-Butylbenzene	50.0	49.9		ug/L	100%	78 - 133	9041888	04/16/09 00:17
n-Butylbenzene	50.0	42.8		ug/L	86%	72 - 136	9041888	04/16/09 00:17
tert-Butylbenzene	50.0	52.2		ug/L	104%	77 - 135	9041888	04/16/09 00:17
Carbon disulfide	50.0	52.2		ug/L	104%	80 - 126	9041888	04/16/09 00:17
Carbon Tetrachloride	50.0	52.2		ug/L	104%	76 - 143	9041888	04/16/09 00:17
Chlorobenzene	50.0	52.9		ug/L	106%	80 - 120	9041888	04/16/09 00:17
Chlorodibromomethane	50.0	47.4		ug/L	95%	76 - 123	9041888	04/16/09 00:17
Chloroethane	50.0	45.2		ug/L	90%	77 - 127	9041888	04/16/09 00:17
Chloroform	50.0	50.2		ug/L	100%	80 - 133	9041888	04/16/09 00:17
Chloromethane	50.0	43.6		ug/L	87%	33 - 125	9041888	04/16/09 00:17
2-Chlorotoluene	50.0	50.7		ug/L	101%	80 - 127	9041888	04/16/09 00:17
4-Chlorotoluene	50.0	48.8		ug/L	98%	80 - 127	9041888	04/16/09 00:17
1,2-Dibromo-3-chloropropane	50.0	48.4		ug/L	97%	60 - 136	9041888	04/16/09 00:17
1,2-Dibromoethane (EDB)	50.0	54.3		ug/L	109%	80 - 125	9041888	04/16/09 00:17
Dibromomethane	50.0	54.8		ug/L	110%	80 - 124	9041888	04/16/09 00:17
1,4-Dichlorobenzene	50.0	49.7		ug/L	99%	80 - 120	9041888	04/16/09 00:17
1,3-Dichlorobenzene	50.0	52.0		ug/L	104%	80 - 123	9041888	04/16/09 00:17
1,2-Dichlorobenzene	50.0	52.0		ug/L	104%	80 - 122	9041888	04/16/09 00:17
Dichlorodifluoromethane	50.0	44.1		ug/L	88%	36 - 120	9041888	04/16/09 00:17
1,1-Dichloroethane	50.0	53.5		ug/L	107%	76 - 130	9041888	04/16/09 00:17

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

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								
9041888-BS1								
1,2-Dichloroethane	50.0	45.7		ug/L	91%	69 - 136	9041888	04/16/09 00:17
cis-1,2-Dichloroethene	50.0	52.5		ug/L	105%	80 - 129	9041888	04/16/09 00:17
1,1-Dichloroethene	50.0	56.5		ug/L	113%	80 - 127	9041888	04/16/09 00:17
trans-1,2-Dichloroethene	50.0	53.6		ug/L	107%	80 - 131	9041888	04/16/09 00:17
1,3-Dichloropropane	50.0	54.3		ug/L	109%	80 - 122	9041888	04/16/09 00:17
1,2-Dichloropropane	50.0	50.0		ug/L	100%	80 - 120	9041888	04/16/09 00:17
2,2-Dichloropropane	50.0	50.5		ug/L	101%	62 - 142	9041888	04/16/09 00:17
cis-1,3-Dichloropropene	50.0	56.2		ug/L	112%	76 - 135	9041888	04/16/09 00:17
trans-1,3-Dichloropropene	50.0	55.0		ug/L	110%	70 - 137	9041888	04/16/09 00:17
1,1-Dichloropropene	50.0	54.1		ug/L	108%	80 - 127	9041888	04/16/09 00:17
Ethylbenzene	50.0	52.4		ug/L	105%	80 - 128	9041888	04/16/09 00:17
Hexachlorobutadiene	50.0	49.2	B	ug/L	98%	68 - 148	9041888	04/16/09 00:17
2-Hexanone	250	287		ug/L	115%	69 - 148	9041888	04/16/09 00:17
Isopropylbenzene	50.0	54.4		ug/L	109%	80 - 121	9041888	04/16/09 00:17
p-Isopropyltoluene	50.0	43.6		ug/L	87%	79 - 127	9041888	04/16/09 00:17
Methyl tert-Butyl Ether	50.0	51.7		ug/L	103%	70 - 129	9041888	04/16/09 00:17
Methylene Chloride	50.0	49.2		ug/L	98%	76 - 135	9041888	04/16/09 00:17
4-Methyl-2-pentanone	250	243		ug/L	97%	67 - 143	9041888	04/16/09 00:17
Naphthalene	50.0	49.4		ug/L	99%	62 - 141	9041888	04/16/09 00:17
n-Propylbenzene	50.0	44.8		ug/L	90%	80 - 132	9041888	04/16/09 00:17
Styrene	50.0	48.4		ug/L	97%	80 - 139	9041888	04/16/09 00:17
1,1,1,2-Tetrachloroethane	50.0	56.9		ug/L	114%	80 - 135	9041888	04/16/09 00:17
1,1,2,2-Tetrachloroethane	50.0	49.7		ug/L	99%	65 - 145	9041888	04/16/09 00:17
Tetrachloroethene	50.0	54.6		ug/L	109%	80 - 125	9041888	04/16/09 00:17
Toluene	50.0	51.6		ug/L	103%	80 - 125	9041888	04/16/09 00:17
1,2,3-Trichlorobenzene	50.0	46.8		ug/L	94%	57 - 144	9041888	04/16/09 00:17
1,2,4-Trichlorobenzene	50.0	47.4		ug/L	95%	60 - 140	9041888	04/16/09 00:17
1,1,2-Trichloroethane	50.0	56.3		ug/L	113%	80 - 122	9041888	04/16/09 00:17
1,1,1-Trichloroethane	50.0	53.7		ug/L	107%	80 - 131	9041888	04/16/09 00:17
Trichloroethene	50.0	56.4		ug/L	113%	80 - 131	9041888	04/16/09 00:17
Trichlorofluoromethane	50.0	45.8		ug/L	92%	68 - 125	9041888	04/16/09 00:17
1,2,3-Trichloropropane	50.0	47.2		ug/L	94%	60 - 127	9041888	04/16/09 00:17
1,3,5-Trimethylbenzene	50.0	50.9		ug/L	102%	80 - 129	9041888	04/16/09 00:17
1,2,4-Trimethylbenzene	50.0	51.4		ug/L	103%	80 - 128	9041888	04/16/09 00:17
Vinyl chloride	50.0	43.2		ug/L	86%	69 - 120	9041888	04/16/09 00:17
Xylenes, total	150	156		ug/L	104%	80 - 129	9041888	04/16/09 00:17
Surrogate: 1,2-Dichloroethane-d4	25.0	24.2			97%	60 - 140	9041888	04/16/09 00:17
Surrogate: Dibromofluoromethane	25.0	25.9			104%	75 - 124	9041888	04/16/09 00:17
Surrogate: Toluene-d8	25.0	24.6			99%	78 - 121	9041888	04/16/09 00:17
Surrogate: 4-Bromofluorobenzene	25.0	24.5			98%	79 - 124	9041888	04/16/09 00:17

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Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

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								
9041890-BS1								
Acetone	250	266	MNR1	ug/L	106%	62 - 150	9041890	04/16/09 13:52
Benzene	50.0	55.5	MNR1	ug/L	111%	80 - 137	9041890	04/16/09 13:52
Bromobenzene	50.0	55.0	MNR1	ug/L	110%	74 - 131	9041890	04/16/09 13:52
Bromochloromethane	50.0	58.7	MNR1	ug/L	117%	80 - 128	9041890	04/16/09 13:52
Bromodichloromethane	50.0	45.8	MNR1	ug/L	92%	80 - 129	9041890	04/16/09 13:52
Bromoform	50.0	48.8	MNR1	ug/L	98%	69 - 127	9041890	04/16/09 13:52
Bromomethane	50.0	52.7	MNR1	ug/L	105%	62 - 148	9041890	04/16/09 13:52
2-Butanone	250	286	MNR1	ug/L	114%	77 - 141	9041890	04/16/09 13:52
sec-Butylbenzene	50.0	58.6	MNR1	ug/L	117%	78 - 133	9041890	04/16/09 13:52
n-Butylbenzene	50.0	50.4	MNR1	ug/L	101%	72 - 136	9041890	04/16/09 13:52
tert-Butylbenzene	50.0	59.5	MNR1	ug/L	119%	77 - 135	9041890	04/16/09 13:52
Carbon disulfide	50.0	57.7	MNR1	ug/L	115%	80 - 126	9041890	04/16/09 13:52
Carbon Tetrachloride	50.0	56.6	MNR1	ug/L	113%	76 - 143	9041890	04/16/09 13:52
Chlorobenzene	50.0	56.2	MNR1	ug/L	112%	80 - 120	9041890	04/16/09 13:52
Chlorodibromomethane	50.0	49.1	MNR1	ug/L	98%	76 - 123	9041890	04/16/09 13:52
Chloroethane	50.0	50.5	MNR1	ug/L	101%	77 - 127	9041890	04/16/09 13:52
Chloroform	50.0	51.4	MNR1	ug/L	103%	80 - 133	9041890	04/16/09 13:52
Chloromethane	50.0	48.5	MNR1	ug/L	97%	33 - 125	9041890	04/16/09 13:52
2-Chlorotoluene	50.0	57.3	MNR1	ug/L	115%	80 - 127	9041890	04/16/09 13:52
4-Chlorotoluene	50.0	56.3	MNR1	ug/L	113%	80 - 127	9041890	04/16/09 13:52
1,2-Dibromo-3-chloropropane	50.0	48.5	MNR1	ug/L	97%	60 - 136	9041890	04/16/09 13:52
1,2-Dibromoethane (EDB)	50.0	55.1	MNR1	ug/L	110%	80 - 125	9041890	04/16/09 13:52
Dibromomethane	50.0	56.2	MNR1	ug/L	112%	80 - 124	9041890	04/16/09 13:52
1,4-Dichlorobenzene	50.0	53.6	MNR1	ug/L	107%	80 - 120	9041890	04/16/09 13:52
1,3-Dichlorobenzene	50.0	56.7	MNR1	ug/L	113%	80 - 123	9041890	04/16/09 13:52
1,2-Dichlorobenzene	50.0	55.9	MNR1	ug/L	112%	80 - 122	9041890	04/16/09 13:52
Dichlorodifluoromethane	50.0	48.3	MNR1	ug/L	97%	36 - 120	9041890	04/16/09 13:52
1,1-Dichloroethane	50.0	57.0	MNR1	ug/L	114%	76 - 130	9041890	04/16/09 13:52
1,2-Dichloroethane	50.0	46.7	MNR1	ug/L	93%	69 - 136	9041890	04/16/09 13:52
cis-1,2-Dichloroethene	50.0	55.6	MNR1	ug/L	111%	80 - 129	9041890	04/16/09 13:52
1,1-Dichloroethene	50.0	60.8	MNR1	ug/L	122%	80 - 127	9041890	04/16/09 13:52
trans-1,2-Dichloroethene	50.0	57.5	MNR1	ug/L	115%	80 - 131	9041890	04/16/09 13:52
1,3-Dichloropropane	50.0	56.0	MNR1	ug/L	112%	80 - 122	9041890	04/16/09 13:52
1,2-Dichloropropane	50.0	53.0	MNR1	ug/L	106%	80 - 120	9041890	04/16/09 13:52
2,2-Dichloropropane	50.0	57.3	MNR1	ug/L	115%	62 - 142	9041890	04/16/09 13:52
cis-1,3-Dichloropropene	50.0	59.6	MNR1	ug/L	119%	76 - 135	9041890	04/16/09 13:52
trans-1,3-Dichloropropene	50.0	57.7	MNR1	ug/L	115%	70 - 137	9041890	04/16/09 13:52
1,1-Dichloropropene	50.0	58.3	MNR1	ug/L	117%	80 - 127	9041890	04/16/09 13:52
Ethylbenzene	50.0	57.6	MNR1	ug/L	115%	80 - 128	9041890	04/16/09 13:52
Hexachlorobutadiene	50.0	56.3	MNR1, B	ug/L	113%	68 - 148	9041890	04/16/09 13:52
2-Hexanone	250	285	MNR1	ug/L	114%	69 - 148	9041890	04/16/09 13:52

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	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

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								
9041890-BS1								
Isopropylbenzene	50.0	59.7	MNR1	ug/L	119%	80 - 121	9041890	04/16/09 13:52
p-Isopropyltoluene	50.0	49.0	MNR1	ug/L	98%	79 - 127	9041890	04/16/09 13:52
Methyl tert-Butyl Ether	50.0	49.4	MNR1	ug/L	99%	70 - 129	9041890	04/16/09 13:52
Methylene Chloride	50.0	51.9	MNR1	ug/L	104%	76 - 135	9041890	04/16/09 13:52
4-Methyl-2-pentanone	250	244	MNR1	ug/L	98%	67 - 143	9041890	04/16/09 13:52
Naphthalene	50.0	50.8	MNR1	ug/L	102%	62 - 141	9041890	04/16/09 13:52
n-Propylbenzene	50.0	51.8	MNR1	ug/L	104%	80 - 132	9041890	04/16/09 13:52
Styrene	50.0	52.2	MNR1	ug/L	104%	80 - 139	9041890	04/16/09 13:52
1,1,1,2-Tetrachloroethane	50.0	59.3	MNR1	ug/L	119%	80 - 135	9041890	04/16/09 13:52
1,1,2,2-Tetrachloroethane	50.0	52.6	MNR1	ug/L	105%	65 - 145	9041890	04/16/09 13:52
Tetrachloroethene	50.0	57.3	MNR1	ug/L	115%	80 - 125	9041890	04/16/09 13:52
Toluene	50.0	55.5	MNR1	ug/L	111%	80 - 125	9041890	04/16/09 13:52
1,2,3-Trichlorobenzene	50.0	49.7	MNR1	ug/L	99%	57 - 144	9041890	04/16/09 13:52
1,2,4-Trichlorobenzene	50.0	51.0	MNR1	ug/L	102%	60 - 140	9041890	04/16/09 13:52
1,1,2-Trichloroethane	50.0	57.6	MNR1	ug/L	115%	80 - 122	9041890	04/16/09 13:52
1,1,1-Trichloroethane	50.0	57.5	MNR1	ug/L	115%	80 - 131	9041890	04/16/09 13:52
Trichloroethene	50.0	58.5	MNR1	ug/L	117%	80 - 131	9041890	04/16/09 13:52
Trichlorofluoromethane	50.0	49.6	MNR1	ug/L	99%	68 - 125	9041890	04/16/09 13:52
1,2,3-Trichloropropane	50.0	51.6	MNR1	ug/L	103%	60 - 127	9041890	04/16/09 13:52
1,3,5-Trimethylbenzene	50.0	58.7	MNR1	ug/L	117%	80 - 129	9041890	04/16/09 13:52
1,2,4-Trimethylbenzene	50.0	58.8	MNR1	ug/L	118%	80 - 128	9041890	04/16/09 13:52
Vinyl chloride	50.0	48.1	MNR1	ug/L	96%	69 - 120	9041890	04/16/09 13:52
Xylenes, total	150	171	MNR1	ug/L	114%	80 - 129	9041890	04/16/09 13:52
Surrogate: 1,2-Dichloroethane-d4	25.0	23.9			96%	60 - 140	9041890	04/16/09 13:52
Surrogate: Dibromofluoromethane	25.0	25.3			101%	75 - 124	9041890	04/16/09 13:52
Surrogate: Toluene-d8	25.0	25.0			100%	78 - 121	9041890	04/16/09 13:52
Surrogate: 4-Bromofluorobenzene	25.0	25.8			103%	79 - 124	9041890	04/16/09 13:52
9042285-BS1								
Acetone	250	234		ug/L	94%	62 - 150	9042285	04/14/09 23:21
Benzene	50.0	52.5		ug/L	105%	80 - 137	9042285	04/14/09 23:21
Bromobenzene	50.0	48.0		ug/L	96%	74 - 131	9042285	04/14/09 23:21
Bromochloromethane	50.0	54.2		ug/L	108%	80 - 128	9042285	04/14/09 23:21
Bromodichloromethane	50.0	53.1		ug/L	106%	80 - 129	9042285	04/14/09 23:21
Bromoform	50.0	52.4		ug/L	105%	69 - 127	9042285	04/14/09 23:21
Bromomethane	50.0	49.0		ug/L	98%	62 - 148	9042285	04/14/09 23:21
2-Butanone	250	244		ug/L	98%	77 - 141	9042285	04/14/09 23:21
sec-Butylbenzene	50.0	51.0		ug/L	102%	78 - 133	9042285	04/14/09 23:21
n-Butylbenzene	50.0	50.6		ug/L	101%	72 - 136	9042285	04/14/09 23:21
tert-Butylbenzene	50.0	49.8		ug/L	100%	77 - 135	9042285	04/14/09 23:21
Carbon disulfide	50.0	52.2		ug/L	104%	80 - 126	9042285	04/14/09 23:21

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

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								
9042285-BS1								
Carbon Tetrachloride	50.0	55.4		ug/L	111%	76 - 143	9042285	04/14/09 23:21
Chlorobenzene	50.0	50.0		ug/L	100%	80 - 120	9042285	04/14/09 23:21
Chlorodibromomethane	50.0	52.8		ug/L	106%	76 - 123	9042285	04/14/09 23:21
Chloroethane	50.0	43.3		ug/L	87%	77 - 127	9042285	04/14/09 23:21
Chloroform	50.0	50.4		ug/L	101%	80 - 133	9042285	04/14/09 23:21
Chloromethane	50.0	42.4		ug/L	85%	33 - 125	9042285	04/14/09 23:21
2-Chlorotoluene	50.0	47.8		ug/L	96%	80 - 127	9042285	04/14/09 23:21
4-Chlorotoluene	50.0	47.4		ug/L	95%	80 - 127	9042285	04/14/09 23:21
1,2-Dibromo-3-chloropropane	50.0	56.2		ug/L	112%	60 - 136	9042285	04/14/09 23:21
1,2-Dibromoethane (EDB)	50.0	53.3		ug/L	107%	80 - 125	9042285	04/14/09 23:21
Dibromomethane	50.0	49.6		ug/L	99%	80 - 124	9042285	04/14/09 23:21
1,4-Dichlorobenzene	50.0	48.9		ug/L	98%	80 - 120	9042285	04/14/09 23:21
1,3-Dichlorobenzene	50.0	49.6		ug/L	99%	80 - 123	9042285	04/14/09 23:21
1,2-Dichlorobenzene	50.0	50.6		ug/L	101%	80 - 122	9042285	04/14/09 23:21
Dichlorodifluoromethane	50.0	45.5		ug/L	91%	36 - 120	9042285	04/14/09 23:21
1,1-Dichloroethane	50.0	50.7		ug/L	101%	76 - 130	9042285	04/14/09 23:21
1,2-Dichloroethane	50.0	49.4		ug/L	99%	69 - 136	9042285	04/14/09 23:21
cis-1,2-Dichloroethene	50.0	51.4		ug/L	103%	80 - 129	9042285	04/14/09 23:21
1,1-Dichloroethene	50.0	50.2		ug/L	100%	80 - 127	9042285	04/14/09 23:21
trans-1,2-Dichloroethene	50.0	50.6		ug/L	101%	80 - 131	9042285	04/14/09 23:21
1,3-Dichloropropane	50.0	50.9		ug/L	102%	80 - 122	9042285	04/14/09 23:21
1,2-Dichloropropane	50.0	49.8		ug/L	100%	80 - 120	9042285	04/14/09 23:21
2,2-Dichloropropane	50.0	41.2		ug/L	82%	62 - 142	9042285	04/14/09 23:21
cis-1,3-Dichloropropene	50.0	50.0		ug/L	100%	76 - 135	9042285	04/14/09 23:21
trans-1,3-Dichloropropene	50.0	51.7		ug/L	103%	70 - 137	9042285	04/14/09 23:21
1,1-Dichloropropene	50.0	51.7		ug/L	103%	80 - 127	9042285	04/14/09 23:21
Ethylbenzene	50.0	52.4		ug/L	105%	80 - 128	9042285	04/14/09 23:21
Hexachlorobutadiene	50.0	61.8		ug/L	124%	68 - 148	9042285	04/14/09 23:21
2-Hexanone	250	252		ug/L	101%	69 - 148	9042285	04/14/09 23:21
Isopropylbenzene	50.0	54.8		ug/L	110%	80 - 121	9042285	04/14/09 23:21
p-Isopropyltoluene	50.0	50.8		ug/L	102%	79 - 127	9042285	04/14/09 23:21
Methyl tert-Butyl Ether	50.0	49.9		ug/L	100%	70 - 129	9042285	04/14/09 23:21
Methylene Chloride	50.0	51.1		ug/L	102%	76 - 135	9042285	04/14/09 23:21
4-Methyl-2-pentanone	250	242		ug/L	97%	67 - 143	9042285	04/14/09 23:21
Naphthalene	50.0	57.4		ug/L	115%	62 - 141	9042285	04/14/09 23:21
n-Propylbenzene	50.0	48.9		ug/L	98%	80 - 132	9042285	04/14/09 23:21
Styrene	50.0	57.7		ug/L	115%	80 - 139	9042285	04/14/09 23:21
1,1,1,2-Tetrachloroethane	50.0	54.0		ug/L	108%	80 - 135	9042285	04/14/09 23:21
1,1,2,2-Tetrachloroethane	50.0	48.4		ug/L	97%	65 - 145	9042285	04/14/09 23:21
Tetrachloroethene	50.0	51.7		ug/L	103%	80 - 125	9042285	04/14/09 23:21
Toluene	50.0	53.6		ug/L	107%	80 - 125	9042285	04/14/09 23:21

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:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

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								
9042285-BS1								
1,2,3-Trichlorobenzene	50.0	54.0		ug/L	108%	57 - 144	9042285	04/14/09 23:21
1,2,4-Trichlorobenzene	50.0	56.1		ug/L	112%	60 - 140	9042285	04/14/09 23:21
1,1,2-Trichloroethane	50.0	50.6		ug/L	101%	80 - 122	9042285	04/14/09 23:21
1,1,1-Trichloroethane	50.0	52.2		ug/L	104%	80 - 131	9042285	04/14/09 23:21
Trichloroethene	50.0	54.8		ug/L	110%	80 - 131	9042285	04/14/09 23:21
Trichlorofluoromethane	50.0	45.5		ug/L	91%	68 - 125	9042285	04/14/09 23:21
1,2,3-Trichloropropane	50.0	42.6		ug/L	85%	60 - 127	9042285	04/14/09 23:21
1,3,5-Trimethylbenzene	50.0	50.3		ug/L	101%	80 - 129	9042285	04/14/09 23:21
1,2,4-Trimethylbenzene	50.0	51.0		ug/L	102%	80 - 128	9042285	04/14/09 23:21
Vinyl chloride	50.0	41.5		ug/L	83%	69 - 120	9042285	04/14/09 23:21
Xylenes, total	150	160		ug/L	107%	80 - 129	9042285	04/14/09 23:21
Surrogate: 1,2-Dichloroethane-d4	50.0	47.6			95%	60 - 140	9042285	04/14/09 23:21
Surrogate: Dibromofluoromethane	50.0	50.1			100%	75 - 124	9042285	04/14/09 23:21
Surrogate: Toluene-d8	50.0	49.4			99%	78 - 121	9042285	04/14/09 23:21
Surrogate: 4-Bromofluorobenzene	50.0	48.2			96%	79 - 124	9042285	04/14/09 23:21

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:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

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												
9041888-BSD1												
Acetone		271		ug/L	250	108%	62 - 150	3	29	9041888		04/16/09 00:44
Benzene		52.0		ug/L	50.0	104%	80 - 137	0.4	23	9041888		04/16/09 00:44
Bromobenzene		53.8		ug/L	50.0	108%	74 - 131	8	18	9041888		04/16/09 00:44
Bromochloromethane		57.4		ug/L	50.0	115%	80 - 128	2	18	9041888		04/16/09 00:44
Bromodichloromethane		44.4		ug/L	50.0	89%	80 - 129	2	18	9041888		04/16/09 00:44
Bromoform		45.4		ug/L	50.0	91%	69 - 127	3	24	9041888		04/16/09 00:44
Bromomethane		49.0		ug/L	50.0	98%	62 - 148	0.8	45	9041888		04/16/09 00:44
2-Butanone		280		ug/L	250	112%	77 - 141	3	36	9041888		04/16/09 00:44
sec-Butylbenzene		55.0		ug/L	50.0	110%	78 - 133	10	17	9041888		04/16/09 00:44
n-Butylbenzene		46.1		ug/L	50.0	92%	72 - 136	7	18	9041888		04/16/09 00:44
tert-Butylbenzene		57.5		ug/L	50.0	115%	77 - 135	10	17	9041888		04/16/09 00:44
Carbon disulfide		52.9		ug/L	50.0	106%	80 - 126	1	16	9041888		04/16/09 00:44
Carbon Tetrachloride		54.0		ug/L	50.0	108%	76 - 143	3	29	9041888		04/16/09 00:44
Chlorobenzene		53.3		ug/L	50.0	107%	80 - 120	0.8	27	9041888		04/16/09 00:44
Chlorodibromomethane		46.8		ug/L	50.0	94%	76 - 123	1	21	9041888		04/16/09 00:44
Chloroethane		45.5		ug/L	50.0	91%	77 - 127	0.5	32	9041888		04/16/09 00:44
Chloroform		50.2		ug/L	50.0	100%	80 - 133	0	28	9041888		04/16/09 00:44
Chloromethane		42.8		ug/L	50.0	86%	33 - 125	2	21	9041888		04/16/09 00:44
2-Chlorotoluene		55.3		ug/L	50.0	111%	80 - 127	9	16	9041888		04/16/09 00:44
4-Chlorotoluene		53.8		ug/L	50.0	108%	80 - 127	10	17	9041888		04/16/09 00:44
1,2-Dibromo-3-chloropropane		49.0		ug/L	50.0	98%	60 - 136	1	29	9041888		04/16/09 00:44
1,2-Dibromoethane (EDB)		52.6		ug/L	50.0	105%	80 - 125	3	21	9041888		04/16/09 00:44
Dibromomethane		53.5		ug/L	50.0	107%	80 - 124	2	20	9041888		04/16/09 00:44
1,4-Dichlorobenzene		50.0		ug/L	50.0	100%	80 - 120	0.6	19	9041888		04/16/09 00:44
1,3-Dichlorobenzene		55.3		ug/L	50.0	111%	80 - 123	6	18	9041888		04/16/09 00:44
1,2-Dichlorobenzene		55.3		ug/L	50.0	111%	80 - 122	6	23	9041888		04/16/09 00:44
Dichlorodifluoromethane		44.0		ug/L	50.0	88%	36 - 120	0.3	14	9041888		04/16/09 00:44
1,1-Dichloroethane		53.3		ug/L	50.0	107%	76 - 130	0.3	15	9041888		04/16/09 00:44
1,2-Dichloroethane		45.2		ug/L	50.0	90%	69 - 136	1	26	9041888		04/16/09 00:44
cis-1,2-Dichloroethene		52.5		ug/L	50.0	105%	80 - 129	0.1	14	9041888		04/16/09 00:44
1,1-Dichloroethene		57.0		ug/L	50.0	114%	80 - 127	0.8	26	9041888		04/16/09 00:44
trans-1,2-Dichloroethene		54.1		ug/L	50.0	108%	80 - 131	0.9	14	9041888		04/16/09 00:44
1,3-Dichloropropane		52.9		ug/L	50.0	106%	80 - 122	3	21	9041888		04/16/09 00:44
1,2-Dichloropropane		50.1		ug/L	50.0	100%	80 - 120	0.2	16	9041888		04/16/09 00:44
2,2-Dichloropropane		51.5		ug/L	50.0	103%	62 - 142	2	14	9041888		04/16/09 00:44
cis-1,3-Dichloropropene		56.4		ug/L	50.0	113%	76 - 135	0.2	19	9041888		04/16/09 00:44
trans-1,3-Dichloropropene		54.3		ug/L	50.0	109%	70 - 137	1	20	9041888		04/16/09 00:44
1,1-Dichloropropene		54.8		ug/L	50.0	110%	80 - 127	1	14	9041888		04/16/09 00:44
Ethylbenzene		53.1		ug/L	50.0	106%	80 - 128	1	17	9041888		04/16/09 00:44
Hexachlorobutadiene		54.7	B	ug/L	50.0	109%	68 - 148	11	34	9041888		04/16/09 00:44
2-Hexanone		270		ug/L	250	108%	69 - 148	6	34	9041888		04/16/09 00:44

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

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

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												
9041888-BSD1												
Isopropylbenzene		54.7		ug/L	50.0	109%	80 - 121	0.6	18	9041888		04/16/09 00:44
p-Isopropyltoluene		46.2		ug/L	50.0	92%	79 - 127	6	17	9041888		04/16/09 00:44
Methyl tert-Butyl Ether		49.4		ug/L	50.0	99%	70 - 129	5	32	9041888		04/16/09 00:44
Methylene Chloride		48.6		ug/L	50.0	97%	76 - 135	1	18	9041888		04/16/09 00:44
4-Methyl-2-pentanone		232		ug/L	250	93%	67 - 143	5	31	9041888		04/16/09 00:44
Naphthalene		50.8		ug/L	50.0	102%	62 - 141	3	39	9041888		04/16/09 00:44
n-Propylbenzene		49.2		ug/L	50.0	98%	80 - 132	9	17	9041888		04/16/09 00:44
Styrene		48.3		ug/L	50.0	97%	80 - 139	0.4	16	9041888		04/16/09 00:44
1,1,1,2-Tetrachloroethane		56.2		ug/L	50.0	112%	80 - 135	1	17	9041888		04/16/09 00:44
1,1,2,2-Tetrachloroethane		51.1		ug/L	50.0	102%	65 - 145	3	28	9041888		04/16/09 00:44
Tetrachloroethene		55.3		ug/L	50.0	111%	80 - 125	1	27	9041888		04/16/09 00:44
Toluene		52.3		ug/L	50.0	105%	80 - 125	1	19	9041888		04/16/09 00:44
1,2,3-Trichlorobenzene		49.5		ug/L	50.0	99%	57 - 144	6	31	9041888		04/16/09 00:44
1,2,4-Trichlorobenzene		50.2		ug/L	50.0	100%	60 - 140	6	26	9041888		04/16/09 00:44
1,1,2-Trichloroethane		55.2		ug/L	50.0	110%	80 - 122	2	21	9041888		04/16/09 00:44
1,1,1-Trichloroethane		55.3		ug/L	50.0	111%	80 - 131	3	16	9041888		04/16/09 00:44
Trichloroethene		57.4		ug/L	50.0	115%	80 - 131	2	28	9041888		04/16/09 00:44
Trichlorofluoromethane		46.2		ug/L	50.0	92%	68 - 125	1	20	9041888		04/16/09 00:44
1,2,3-Trichloropropane		50.0		ug/L	50.0	100%	60 - 127	6	26	9041888		04/16/09 00:44
1,3,5-Trimethylbenzene		55.8		ug/L	50.0	112%	80 - 129	9	16	9041888		04/16/09 00:44
1,2,4-Trimethylbenzene		56.2		ug/L	50.0	112%	80 - 128	9	22	9041888		04/16/09 00:44
Vinyl chloride		42.8		ug/L	50.0	86%	69 - 120	1	26	9041888		04/16/09 00:44
Xylenes, total		157		ug/L	150	105%	80 - 129	0.6	18	9041888		04/16/09 00:44
Surrogate: 1,2-Dichloroethane-d4		23.1		ug/L	25.0	93%	60 - 140			9041888		04/16/09 00:44
Surrogate: Dibromofluoromethane		25.0		ug/L	25.0	100%	75 - 124			9041888		04/16/09 00:44
Surrogate: Toluene-d8		24.8		ug/L	25.0	99%	78 - 121			9041888		04/16/09 00:44
Surrogate: 4-Bromofluorobenzene		26.0		ug/L	25.0	104%	79 - 124			9041888		04/16/09 00:44
9041890-BSD1												
Acetone		284		ug/L	250	114%	62 - 150	7	29	9041890		04/16/09 14:19
Benzene		56.3		ug/L	50.0	113%	80 - 137	1	23	9041890		04/16/09 14:19
Bromobenzene		53.3		ug/L	50.0	107%	74 - 131	3	18	9041890		04/16/09 14:19
Bromochloromethane		62.0		ug/L	50.0	124%	80 - 128	5	18	9041890		04/16/09 14:19
Bromodichloromethane		48.1		ug/L	50.0	96%	80 - 129	5	18	9041890		04/16/09 14:19
Bromoform		48.7		ug/L	50.0	97%	69 - 127	0.2	24	9041890		04/16/09 14:19
Bromomethane		55.5		ug/L	50.0	111%	62 - 148	5	45	9041890		04/16/09 14:19
2-Butanone		297		ug/L	250	119%	77 - 141	4	36	9041890		04/16/09 14:19
sec-Butylbenzene		56.9		ug/L	50.0	114%	78 - 133	3	17	9041890		04/16/09 14:19
n-Butylbenzene		48.7		ug/L	50.0	97%	72 - 136	3	18	9041890		04/16/09 14:19
tert-Butylbenzene		57.5		ug/L	50.0	115%	77 - 135	3	17	9041890		04/16/09 14:19
Carbon disulfide		60.3		ug/L	50.0	121%	80 - 126	4	16	9041890		04/16/09 14:19

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

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												
9041890-BSD1												
Carbon Tetrachloride		61.2		ug/L	50.0	122%	76 - 143	8	29	9041890		04/16/09 14:19
Chlorobenzene		57.0		ug/L	50.0	114%	80 - 120	1	27	9041890		04/16/09 14:19
Chlorodibromomethane		50.1		ug/L	50.0	100%	76 - 123	2	21	9041890		04/16/09 14:19
Chloroethane		51.4		ug/L	50.0	103%	77 - 127	2	32	9041890		04/16/09 14:19
Chloroform		55.2		ug/L	50.0	110%	80 - 133	7	28	9041890		04/16/09 14:19
Chloromethane		48.6		ug/L	50.0	97%	33 - 125	0.3	21	9041890		04/16/09 14:19
2-Chlorotoluene		55.4		ug/L	50.0	111%	80 - 127	3	16	9041890		04/16/09 14:19
4-Chlorotoluene		53.9		ug/L	50.0	108%	80 - 127	4	17	9041890		04/16/09 14:19
1,2-Dibromo-3-chloropropane		46.2		ug/L	50.0	92%	60 - 136	5	29	9041890		04/16/09 14:19
1,2-Dibromoethane (EDB)		55.8		ug/L	50.0	112%	80 - 125	1	21	9041890		04/16/09 14:19
Dibromomethane		58.6		ug/L	50.0	117%	80 - 124	4	20	9041890		04/16/09 14:19
1,4-Dichlorobenzene		54.1		ug/L	50.0	108%	80 - 120	0.9	19	9041890		04/16/09 14:19
1,3-Dichlorobenzene		56.6		ug/L	50.0	113%	80 - 123	0.2	18	9041890		04/16/09 14:19
1,2-Dichlorobenzene		55.2		ug/L	50.0	110%	80 - 122	1	23	9041890		04/16/09 14:19
Dichlorodifluoromethane		49.7		ug/L	50.0	99%	36 - 120	3	14	9041890		04/16/09 14:19
1,1-Dichloroethane		59.9		ug/L	50.0	120%	76 - 130	5	15	9041890		04/16/09 14:19
1,2-Dichloroethane		50.1		ug/L	50.0	100%	69 - 136	7	26	9041890		04/16/09 14:19
cis-1,2-Dichloroethene		60.1		ug/L	50.0	120%	80 - 129	8	14	9041890		04/16/09 14:19
1,1-Dichloroethene		63.8	L	ug/L	50.0	128%	80 - 127	5	26	9041890		04/16/09 14:19
trans-1,2-Dichloroethene		61.4		ug/L	50.0	123%	80 - 131	7	14	9041890		04/16/09 14:19
1,3-Dichloropropane		57.8		ug/L	50.0	116%	80 - 122	3	21	9041890		04/16/09 14:19
1,2-Dichloropropane		55.1		ug/L	50.0	110%	80 - 120	4	16	9041890		04/16/09 14:19
2,2-Dichloropropane		62.1		ug/L	50.0	124%	62 - 142	8	14	9041890		04/16/09 14:19
cis-1,3-Dichloropropene		62.4		ug/L	50.0	125%	76 - 135	5	19	9041890		04/16/09 14:19
trans-1,3-Dichloropropene		59.5		ug/L	50.0	119%	70 - 137	3	20	9041890		04/16/09 14:19
1,1-Dichloropropene		60.5		ug/L	50.0	121%	80 - 127	4	14	9041890		04/16/09 14:19
Ethylbenzene		58.5		ug/L	50.0	117%	80 - 128	1	17	9041890		04/16/09 14:19
Hexachlorobutadiene		56.1	B	ug/L	50.0	112%	68 - 148	0.3	34	9041890		04/16/09 14:19
2-Hexanone		288		ug/L	250	115%	69 - 148	0.9	34	9041890		04/16/09 14:19
Isopropylbenzene		60.0		ug/L	50.0	120%	80 - 121	0.4	18	9041890		04/16/09 14:19
p-Isopropyltoluene		48.4		ug/L	50.0	97%	79 - 127	1	17	9041890		04/16/09 14:19
Methyl tert-Butyl Ether		53.3		ug/L	50.0	107%	70 - 129	8	32	9041890		04/16/09 14:19
Methylene Chloride		53.8		ug/L	50.0	108%	76 - 135	4	18	9041890		04/16/09 14:19
4-Methyl-2-pentanone		250		ug/L	250	100%	67 - 143	3	31	9041890		04/16/09 14:19
Naphthalene		49.9		ug/L	50.0	100%	62 - 141	2	39	9041890		04/16/09 14:19
n-Propylbenzene		50.1		ug/L	50.0	100%	80 - 132	3	17	9041890		04/16/09 14:19
Styrene		52.4		ug/L	50.0	105%	80 - 139	0.3	16	9041890		04/16/09 14:19
1,1,1,2-Tetrachloroethane		60.5		ug/L	50.0	121%	80 - 135	2	17	9041890		04/16/09 14:19
1,1,2,2-Tetrachloroethane		51.3		ug/L	50.0	103%	65 - 145	2	28	9041890		04/16/09 14:19
Tetrachloroethene		60.0		ug/L	50.0	120%	80 - 125	5	27	9041890		04/16/09 14:19
Toluene		57.3		ug/L	50.0	115%	80 - 125	3	19	9041890		04/16/09 14:19

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

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												
9041890-BSD1												
1,2,3-Trichlorobenzene		48.6		ug/L	50.0	97%	57 - 144	2	31	9041890		04/16/09 14:19
1,2,4-Trichlorobenzene		50.3		ug/L	50.0	101%	60 - 140	1	26	9041890		04/16/09 14:19
1,1,2-Trichloroethane		59.6		ug/L	50.0	119%	80 - 122	3	21	9041890		04/16/09 14:19
1,1,1-Trichloroethane		62.4		ug/L	50.0	125%	80 - 131	8	16	9041890		04/16/09 14:19
Trichloroethene		60.3		ug/L	50.0	121%	80 - 131	3	28	9041890		04/16/09 14:19
Trichlorofluoromethane		50.9		ug/L	50.0	102%	68 - 125	2	20	9041890		04/16/09 14:19
1,2,3-Trichloropropane		49.6		ug/L	50.0	99%	60 - 127	4	26	9041890		04/16/09 14:19
1,3,5-Trimethylbenzene		55.9		ug/L	50.0	112%	80 - 129	5	16	9041890		04/16/09 14:19
1,2,4-Trimethylbenzene		56.1		ug/L	50.0	112%	80 - 128	5	22	9041890		04/16/09 14:19
Vinyl chloride		50.0		ug/L	50.0	100%	69 - 120	4	26	9041890		04/16/09 14:19
Xylenes, total		173		ug/L	150	115%	80 - 129	1	18	9041890		04/16/09 14:19
Surrogate: 1,2-Dichloroethane-d4		25.0		ug/L	25.0	100%	60 - 140			9041890		04/16/09 14:19
Surrogate: Dibromofluoromethane		26.6		ug/L	25.0	106%	75 - 124			9041890		04/16/09 14:19
Surrogate: Toluene-d8		25.1		ug/L	25.0	100%	78 - 121			9041890		04/16/09 14:19
Surrogate: 4-Bromofluorobenzene		24.4		ug/L	25.0	98%	79 - 124			9041890		04/16/09 14:19
9042285-BSD1												
Acetone		242		ug/L	250	97%	62 - 150	3	29	9042285		04/14/09 23:50
Benzene		53.0		ug/L	50.0	106%	80 - 137	0.9	23	9042285		04/14/09 23:50
Bromobenzene		47.2		ug/L	50.0	94%	74 - 131	2	18	9042285		04/14/09 23:50
Bromochloromethane		55.9		ug/L	50.0	112%	80 - 128	3	18	9042285		04/14/09 23:50
Bromodichloromethane		54.4		ug/L	50.0	109%	80 - 129	3	18	9042285		04/14/09 23:50
Bromoform		51.9		ug/L	50.0	104%	69 - 127	1	24	9042285		04/14/09 23:50
Bromomethane		51.6		ug/L	50.0	103%	62 - 148	5	45	9042285		04/14/09 23:50
2-Butanone		254		ug/L	250	101%	77 - 141	4	36	9042285		04/14/09 23:50
sec-Butylbenzene		51.0		ug/L	50.0	102%	78 - 133	0.1	17	9042285		04/14/09 23:50
n-Butylbenzene		50.9		ug/L	50.0	102%	72 - 136	0.4	18	9042285		04/14/09 23:50
tert-Butylbenzene		50.4		ug/L	50.0	101%	77 - 135	1	17	9042285		04/14/09 23:50
Carbon disulfide		54.4		ug/L	50.0	109%	80 - 126	4	16	9042285		04/14/09 23:50
Carbon Tetrachloride		57.3		ug/L	50.0	115%	76 - 143	3	29	9042285		04/14/09 23:50
Chlorobenzene		50.7		ug/L	50.0	101%	80 - 120	2	27	9042285		04/14/09 23:50
Chlorodibromomethane		53.7		ug/L	50.0	107%	76 - 123	2	21	9042285		04/14/09 23:50
Chloroethane		44.5		ug/L	50.0	89%	77 - 127	3	32	9042285		04/14/09 23:50
Chloroform		50.8		ug/L	50.0	102%	80 - 133	0.8	28	9042285		04/14/09 23:50
Chloromethane		44.7		ug/L	50.0	89%	33 - 125	5	21	9042285		04/14/09 23:50
2-Chlorotoluene		47.0		ug/L	50.0	94%	80 - 127	2	16	9042285		04/14/09 23:50
4-Chlorotoluene		48.0		ug/L	50.0	96%	80 - 127	1	17	9042285		04/14/09 23:50
1,2-Dibromo-3-chloropropane		55.0		ug/L	50.0	110%	60 - 136	2	29	9042285		04/14/09 23:50
1,2-Dibromoethane (EDB)		52.9		ug/L	50.0	106%	80 - 125	0.8	21	9042285		04/14/09 23:50
Dibromomethane		51.6		ug/L	50.0	103%	80 - 124	4	20	9042285		04/14/09 23:50
1,4-Dichlorobenzene		49.0		ug/L	50.0	98%	80 - 120	0.4	19	9042285		04/14/09 23:50

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:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

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												
9042285-BSD1												
1,3-Dichlorobenzene		49.8		ug/L	50.0	100%	80 - 123	0.5	18	9042285		04/14/09 23:50
1,2-Dichlorobenzene		51.4		ug/L	50.0	103%	80 - 122	2	23	9042285		04/14/09 23:50
Dichlorodifluoromethane		46.9		ug/L	50.0	94%	36 - 120	3	14	9042285		04/14/09 23:50
1,1-Dichloroethane		51.5		ug/L	50.0	103%	76 - 130	2	15	9042285		04/14/09 23:50
1,2-Dichloroethane		50.8		ug/L	50.0	102%	69 - 136	3	26	9042285		04/14/09 23:50
cis-1,2-Dichloroethene		52.8		ug/L	50.0	106%	80 - 129	3	14	9042285		04/14/09 23:50
1,1-Dichloroethene		52.4		ug/L	50.0	105%	80 - 127	4	26	9042285		04/14/09 23:50
trans-1,2-Dichloroethene		52.5		ug/L	50.0	105%	80 - 131	4	14	9042285		04/14/09 23:50
1,3-Dichloropropane		51.1		ug/L	50.0	102%	80 - 122	0.3	21	9042285		04/14/09 23:50
1,2-Dichloropropane		51.7		ug/L	50.0	103%	80 - 120	4	16	9042285		04/14/09 23:50
2,2-Dichloropropane		42.9		ug/L	50.0	86%	62 - 142	4	14	9042285		04/14/09 23:50
cis-1,3-Dichloropropene		50.4		ug/L	50.0	101%	76 - 135	0.9	19	9042285		04/14/09 23:50
trans-1,3-Dichloropropene		51.0		ug/L	50.0	102%	70 - 137	1	20	9042285		04/14/09 23:50
1,1-Dichloropropene		54.4		ug/L	50.0	109%	80 - 127	5	14	9042285		04/14/09 23:50
Ethylbenzene		52.6		ug/L	50.0	105%	80 - 128	0.4	17	9042285		04/14/09 23:50
Hexachlorobutadiene		64.2		ug/L	50.0	128%	68 - 148	4	34	9042285		04/14/09 23:50
2-Hexanone		245		ug/L	250	98%	69 - 148	3	34	9042285		04/14/09 23:50
Isopropylbenzene		55.5		ug/L	50.0	111%	80 - 121	1	18	9042285		04/14/09 23:50
p-Isopropyltoluene		50.9		ug/L	50.0	102%	79 - 127	0.3	17	9042285		04/14/09 23:50
Methyl tert-Butyl Ether		51.2		ug/L	50.0	102%	70 - 129	3	32	9042285		04/14/09 23:50
Methylene Chloride		51.5		ug/L	50.0	103%	76 - 135	0.6	18	9042285		04/14/09 23:50
4-Methyl-2-pentanone		242		ug/L	250	97%	67 - 143	0.1	31	9042285		04/14/09 23:50
Naphthalene		57.3		ug/L	50.0	115%	62 - 141	0.3	39	9042285		04/14/09 23:50
n-Propylbenzene		49.1		ug/L	50.0	98%	80 - 132	0.4	17	9042285		04/14/09 23:50
Styrene		58.4		ug/L	50.0	117%	80 - 139	1	16	9042285		04/14/09 23:50
1,1,1,2-Tetrachloroethane		53.8		ug/L	50.0	108%	80 - 135	0.4	17	9042285		04/14/09 23:50
1,1,2,2-Tetrachloroethane		48.1		ug/L	50.0	96%	65 - 145	0.7	28	9042285		04/14/09 23:50
Tetrachloroethene		52.9		ug/L	50.0	106%	80 - 125	2	27	9042285		04/14/09 23:50
Toluene		53.7		ug/L	50.0	107%	80 - 125	0.1	19	9042285		04/14/09 23:50
1,2,3-Trichlorobenzene		54.0		ug/L	50.0	108%	57 - 144	0.07	31	9042285		04/14/09 23:50
1,2,4-Trichlorobenzene		56.7		ug/L	50.0	113%	60 - 140	1	26	9042285		04/14/09 23:50
1,1,2-Trichloroethane		51.6		ug/L	50.0	103%	80 - 122	2	21	9042285		04/14/09 23:50
1,1,1-Trichloroethane		53.5		ug/L	50.0	107%	80 - 131	2	16	9042285		04/14/09 23:50
Trichloroethene		56.4		ug/L	50.0	113%	80 - 131	3	28	9042285		04/14/09 23:50
Trichlorofluoromethane		46.2		ug/L	50.0	92%	68 - 125	1	20	9042285		04/14/09 23:50
1,2,3-Trichloropropane		41.3		ug/L	50.0	83%	60 - 127	3	26	9042285		04/14/09 23:50
1,3,5-Trimethylbenzene		50.5		ug/L	50.0	101%	80 - 129	0.3	16	9042285		04/14/09 23:50
1,2,4-Trimethylbenzene		52.1		ug/L	50.0	104%	80 - 128	2	22	9042285		04/14/09 23:50
Vinyl chloride		43.1		ug/L	50.0	86%	69 - 120	4	26	9042285		04/14/09 23:50
Xylenes, total		162		ug/L	150	108%	80 - 129	2	18	9042285		04/14/09 23:50
Surrogate: 1,2-Dichloroethane-d4		47.0		ug/L	50.0	94%	60 - 140			9042285		04/14/09 23:50

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

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												
9042285-BSD1												
Surrogate: Dibromofluoromethane		51.1		ug/L	50.0	102%	75 - 124			9042285		04/14/09 23:50
Surrogate: Toluene-d8		49.2		ug/L	50.0	98%	78 - 121			9042285		04/14/09 23:50
Surrogate: 4-Bromofluorobenzene		46.6		ug/L	50.0	93%	79 - 124			9042285		04/14/09 23:50

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:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

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										
9042333-MS1										
Cyanide, Weak Acid Dissociable	0.0333	0.0846	M8	mg/L	0.100	51%	72 - 121	9042333	NSD0833-02	04/16/09 18:11
9042437-MS1										
Cyanide	0.00400	0.0929		mg/L	0.100	89%	68 - 134	9042437	NSD0652-01	04/17/09 13:06
Volatile Organic Compounds by EPA Method 8260B										
9041888-MS1										
Acetone	ND	307		ug/L	250	123%	55 - 148	9041888	NSD0965-02	04/16/09 14:47
Benzene	ND	58.1		ug/L	50.0	116%	68 - 143	9041888	NSD0965-02	04/16/09 14:47
Bromobenzene	ND	54.4		ug/L	50.0	109%	65 - 140	9041888	NSD0965-02	04/16/09 14:47
Bromochloromethane	ND	63.6		ug/L	50.0	127%	80 - 137	9041888	NSD0965-02	04/16/09 14:47
Bromodichloromethane	ND	50.2		ug/L	50.0	100%	80 - 132	9041888	NSD0965-02	04/16/09 14:47
Bromoform	ND	51.7		ug/L	50.0	103%	67 - 123	9041888	NSD0965-02	04/16/09 14:47
Bromomethane	ND	56.7		ug/L	50.0	113%	39 - 166	9041888	NSD0965-02	04/16/09 14:47
2-Butanone	ND	322		ug/L	250	129%	50 - 154	9041888	NSD0965-02	04/16/09 14:47
sec-Butylbenzene	ND	60.1		ug/L	50.0	120%	73 - 142	9041888	NSD0965-02	04/16/09 14:47
n-Butylbenzene	ND	51.0		ug/L	50.0	102%	64 - 147	9041888	NSD0965-02	04/16/09 14:47
tert-Butylbenzene	ND	61.3		ug/L	50.0	123%	70 - 148	9041888	NSD0965-02	04/16/09 14:47
Carbon disulfide	ND	61.0		ug/L	50.0	122%	79 - 147	9041888	NSD0965-02	04/16/09 14:47
Carbon Tetrachloride	ND	64.4		ug/L	50.0	129%	62 - 165	9041888	NSD0965-02	04/16/09 14:47
Chlorobenzene	ND	59.4		ug/L	50.0	119%	67 - 140	9041888	NSD0965-02	04/16/09 14:47
Chlorodibromomethane	ND	53.0		ug/L	50.0	106%	72 - 123	9041888	NSD0965-02	04/16/09 14:47
Chloroethane	ND	53.8		ug/L	50.0	108%	74 - 151	9041888	NSD0965-02	04/16/09 14:47
Chloroform	ND	57.2		ug/L	50.0	114%	59 - 152	9041888	NSD0965-02	04/16/09 14:47
Chloromethane	ND	48.8		ug/L	50.0	98%	33 - 138	9041888	NSD0965-02	04/16/09 14:47
2-Chlorotoluene	ND	56.5		ug/L	50.0	113%	76 - 134	9041888	NSD0965-02	04/16/09 14:47
4-Chlorotoluene	ND	54.3		ug/L	50.0	109%	80 - 133	9041888	NSD0965-02	04/16/09 14:47
1,2-Dibromo-3-chloropropane	ND	51.6		ug/L	50.0	103%	60 - 136	9041888	NSD0965-02	04/16/09 14:47
1,2-Dibromoethane (EDB)	ND	59.0		ug/L	50.0	118%	80 - 132	9041888	NSD0965-02	04/16/09 14:47
Dibromomethane	ND	61.7		ug/L	50.0	123%	79 - 131	9041888	NSD0965-02	04/16/09 14:47
1,4-Dichlorobenzene	ND	55.8		ug/L	50.0	112%	80 - 126	9041888	NSD0965-02	04/16/09 14:47
1,3-Dichlorobenzene	ND	58.7		ug/L	50.0	117%	75 - 132	9041888	NSD0965-02	04/16/09 14:47
1,2-Dichlorobenzene	ND	56.4		ug/L	50.0	113%	80 - 130	9041888	NSD0965-02	04/16/09 14:47
Dichlorodifluoromethane	ND	52.0		ug/L	50.0	104%	36 - 146	9041888	NSD0965-02	04/16/09 14:47
1,1-Dichloroethane	ND	61.2		ug/L	50.0	122%	76 - 131	9041888	NSD0965-02	04/16/09 14:47
1,2-Dichloroethane	ND	51.6		ug/L	50.0	103%	53 - 146	9041888	NSD0965-02	04/16/09 14:47
cis-1,2-Dichloroethene	2.61	65.1		ug/L	50.0	125%	76 - 141	9041888	NSD0965-02	04/16/09 14:47
1,1-Dichloroethene	ND	66.7		ug/L	50.0	133%	63 - 157	9041888	NSD0965-02	04/16/09 14:47

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:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

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										
9041888-MS1										
trans-1,2-Dichloroethene	0.270	64.0		ug/L	50.0	127%	78 - 137	9041888	NSD0965-02	04/16/09 14:47
1,3-Dichloropropane	ND	60.5		ug/L	50.0	121%	76 - 130	9041888	NSD0965-02	04/16/09 14:47
1,2-Dichloropropane	ND	56.7		ug/L	50.0	113%	77 - 128	9041888	NSD0965-02	04/16/09 14:47
2,2-Dichloropropane	ND	68.8		ug/L	50.0	138%	62 - 145	9041888	NSD0965-02	04/16/09 14:47
cis-1,3-Dichloropropene	ND	65.4		ug/L	50.0	131%	71 - 140	9041888	NSD0965-02	04/16/09 14:47
trans-1,3-Dichloropropene	ND	62.2		ug/L	50.0	124%	65 - 137	9041888	NSD0965-02	04/16/09 14:47
1,1-Dichloropropene	ND	64.6		ug/L	50.0	129%	80 - 136	9041888	NSD0965-02	04/16/09 14:47
Ethylbenzene	ND	60.6		ug/L	50.0	121%	80 - 135	9041888	NSD0965-02	04/16/09 14:47
Hexachlorobutadiene	ND	59.0	B	ug/L	50.0	118%	48 - 155	9041888	NSD0965-02	04/16/09 14:47
2-Hexanone	ND	323		ug/L	250	129%	58 - 154	9041888	NSD0965-02	04/16/09 14:47
Isopropylbenzene	ND	62.6		ug/L	50.0	125%	80 - 135	9041888	NSD0965-02	04/16/09 14:47
p-Isopropyltoluene	ND	50.3		ug/L	50.0	101%	74 - 139	9041888	NSD0965-02	04/16/09 14:47
Methyl tert-Butyl Ether	ND	56.4		ug/L	50.0	113%	60 - 144	9041888	NSD0965-02	04/16/09 14:47
Methylene Chloride	ND	54.1		ug/L	50.0	108%	64 - 140	9041888	NSD0965-02	04/16/09 14:47
4-Methyl-2-pentanone	ND	277		ug/L	250	111%	55 - 153	9041888	NSD0965-02	04/16/09 14:47
Naphthalene	ND	51.7		ug/L	50.0	103%	50 - 154	9041888	NSD0965-02	04/16/09 14:47
n-Propylbenzene	ND	51.3		ug/L	50.0	103%	78 - 141	9041888	NSD0965-02	04/16/09 14:47
Styrene	ND	54.3		ug/L	50.0	109%	80 - 139	9041888	NSD0965-02	04/16/09 14:47
1,1,1,2-Tetrachloroethane	ND	63.3		ug/L	50.0	127%	75 - 140	9041888	NSD0965-02	04/16/09 14:47
1,1,2,2-Tetrachloroethane	ND	52.7		ug/L	50.0	105%	55 - 152	9041888	NSD0965-02	04/16/09 14:47
Tetrachloroethene	ND	64.1		ug/L	50.0	128%	67 - 150	9041888	NSD0965-02	04/16/09 14:47
Toluene	ND	59.4		ug/L	50.0	119%	75 - 139	9041888	NSD0965-02	04/16/09 14:47
1,2,3-Trichlorobenzene	ND	50.5		ug/L	50.0	101%	49 - 144	9041888	NSD0965-02	04/16/09 14:47
1,2,4-Trichlorobenzene	ND	51.4		ug/L	50.0	103%	55 - 135	9041888	NSD0965-02	04/16/09 14:47
1,1,2-Trichloroethane	ND	61.7		ug/L	50.0	123%	77 - 128	9041888	NSD0965-02	04/16/09 14:47
1,1,1-Trichloroethane	ND	65.0		ug/L	50.0	130%	80 - 136	9041888	NSD0965-02	04/16/09 14:47
Trichloroethene	0.830	64.0		ug/L	50.0	126%	57 - 158	9041888	NSD0965-02	04/16/09 14:47
Trichlorofluoromethane	ND	54.8		ug/L	50.0	110%	68 - 145	9041888	NSD0965-02	04/16/09 14:47
1,2,3-Trichloropropane	ND	51.9		ug/L	50.0	104%	55 - 137	9041888	NSD0965-02	04/16/09 14:47
1,3,5-Trimethylbenzene	ND	57.4		ug/L	50.0	115%	78 - 136	9041888	NSD0965-02	04/16/09 14:47
1,2,4-Trimethylbenzene	ND	59.0		ug/L	50.0	118%	70 - 143	9041888	NSD0965-02	04/16/09 14:47
Vinyl chloride	ND	52.2		ug/L	50.0	104%	49 - 156	9041888	NSD0965-02	04/16/09 14:47
Xylenes, total	ND	179		ug/L	150	119%	80 - 136	9041888	NSD0965-02	04/16/09 14:47
Surrogate: 1,2-Dichloroethane-d4		25.4		ug/L	25.0	102%	60 - 140	9041888	NSD0965-02	04/16/09 14:47
Surrogate: Dibromofluoromethane		26.7		ug/L	25.0	107%	75 - 124	9041888	NSD0965-02	04/16/09 14:47
Surrogate: Toluene-d8		25.1		ug/L	25.0	100%	78 - 121	9041888	NSD0965-02	04/16/09 14:47
Surrogate: 4-Bromofluorobenzene		23.8		ug/L	25.0	95%	79 - 124	9041888	NSD0965-02	04/16/09 14:47

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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:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

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

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

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												
9042437-MSD1												
Cyanide	0.00400	0.0515	M2, R2	mg/L	0.100	48%	68 - 134	57	43	9042437	NSD0652-01	04/17/09 13:06
Volatile Organic Compounds by EPA Method 8260B												
9041888-MSD1												
Acetone	ND	302		ug/L	250	121%	55 - 148	1	29	9041888	NSD0965-02	04/16/09 15:14
Benzene	ND	59.9		ug/L	50.0	120%	68 - 143	3	23	9041888	NSD0965-02	04/16/09 15:14
Bromobenzene	ND	58.0		ug/L	50.0	116%	65 - 140	6	18	9041888	NSD0965-02	04/16/09 15:14
Bromochloromethane	ND	61.8		ug/L	50.0	124%	80 - 137	3	18	9041888	NSD0965-02	04/16/09 15:14
Bromodichloromethane	ND	48.5		ug/L	50.0	97%	80 - 132	3	18	9041888	NSD0965-02	04/16/09 15:14
Bromoform	ND	51.4		ug/L	50.0	103%	67 - 123	0.4	24	9041888	NSD0965-02	04/16/09 15:14
Bromomethane	ND	56.2		ug/L	50.0	112%	39 - 166	0.9	45	9041888	NSD0965-02	04/16/09 15:14
2-Butanone	ND	305		ug/L	250	122%	50 - 154	5	36	9041888	NSD0965-02	04/16/09 15:14
sec-Butylbenzene	ND	62.1		ug/L	50.0	124%	73 - 142	3	17	9041888	NSD0965-02	04/16/09 15:14
n-Butylbenzene	ND	53.5		ug/L	50.0	107%	64 - 147	5	18	9041888	NSD0965-02	04/16/09 15:14
tert-Butylbenzene	ND	63.4		ug/L	50.0	127%	70 - 148	3	17	9041888	NSD0965-02	04/16/09 15:14
Carbon disulfide	ND	60.4		ug/L	50.0	121%	79 - 147	0.9	16	9041888	NSD0965-02	04/16/09 15:14
Carbon Tetrachloride	ND	64.4		ug/L	50.0	129%	62 - 165	0.03	29	9041888	NSD0965-02	04/16/09 15:14
Chlorobenzene	ND	59.9		ug/L	50.0	120%	67 - 140	0.7	27	9041888	NSD0965-02	04/16/09 15:14
Chlorodibromomethane	ND	52.4		ug/L	50.0	105%	72 - 123	1	21	9041888	NSD0965-02	04/16/09 15:14
Chloroethane	ND	52.8		ug/L	50.0	106%	74 - 151	2	32	9041888	NSD0965-02	04/16/09 15:14
Chloroform	ND	56.2		ug/L	50.0	112%	59 - 152	2	28	9041888	NSD0965-02	04/16/09 15:14
Chloromethane	ND	49.5		ug/L	50.0	99%	33 - 138	1	21	9041888	NSD0965-02	04/16/09 15:14
2-Chlorotoluene	ND	60.7		ug/L	50.0	121%	76 - 134	7	16	9041888	NSD0965-02	04/16/09 15:14
4-Chlorotoluene	ND	59.2		ug/L	50.0	118%	80 - 133	9	17	9041888	NSD0965-02	04/16/09 15:14
1,2-Dibromo-3-chloropropane	ND	52.9		ug/L	50.0	106%	60 - 136	2	29	9041888	NSD0965-02	04/16/09 15:14
1,2-Dibromoethane (EDB)	ND	57.8		ug/L	50.0	116%	80 - 132	2	21	9041888	NSD0965-02	04/16/09 15:14
Dibromomethane	ND	58.4		ug/L	50.0	117%	79 - 131	6	20	9041888	NSD0965-02	04/16/09 15:14
1,4-Dichlorobenzene	ND	55.3		ug/L	50.0	111%	80 - 126	0.9	19	9041888	NSD0965-02	04/16/09 15:14
1,3-Dichlorobenzene	ND	59.6		ug/L	50.0	119%	75 - 132	2	18	9041888	NSD0965-02	04/16/09 15:14
1,2-Dichlorobenzene	ND	59.5		ug/L	50.0	119%	80 - 130	5	23	9041888	NSD0965-02	04/16/09 15:14
Dichlorodifluoromethane	ND	50.8		ug/L	50.0	102%	36 - 146	2	14	9041888	NSD0965-02	04/16/09 15:14
1,1-Dichloroethane	ND	61.7		ug/L	50.0	123%	76 - 131	0.8	15	9041888	NSD0965-02	04/16/09 15:14
1,2-Dichloroethane	ND	49.3		ug/L	50.0	99%	53 - 146	5	26	9041888	NSD0965-02	04/16/09 15:14
cis-1,2-Dichloroethene	2.61	64.3		ug/L	50.0	123%	76 - 141	1	14	9041888	NSD0965-02	04/16/09 15:14
1,1-Dichloroethene	ND	67.0		ug/L	50.0	134%	63 - 157	0.5	26	9041888	NSD0965-02	04/16/09 15:14
trans-1,2-Dichloroethene	0.270	63.0		ug/L	50.0	125%	78 - 137	2	14	9041888	NSD0965-02	04/16/09 15:14
1,3-Dichloropropane	ND	60.3		ug/L	50.0	121%	76 - 130	0.3	21	9041888	NSD0965-02	04/16/09 15:14
1,2-Dichloropropane	ND	57.5		ug/L	50.0	115%	77 - 128	1	16	9041888	NSD0965-02	04/16/09 15:14
2,2-Dichloropropane	ND	67.4		ug/L	50.0	135%	62 - 145	2	14	9041888	NSD0965-02	04/16/09 15:14
cis-1,3-Dichloropropene	ND	65.2		ug/L	50.0	130%	71 - 140	0.3	19	9041888	NSD0965-02	04/16/09 15:14
trans-1,3-Dichloropropene	ND	62.3		ug/L	50.0	125%	65 - 137	0.3	20	9041888	NSD0965-02	04/16/09 15:14

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Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

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												
9041888-MSD1												
1,1-Dichloropropene	ND	66.2		ug/L	50.0	132%	80 - 136	2	14	9041888	NSD0965-02	04/16/09 15:14
Ethylbenzene	ND	61.5		ug/L	50.0	123%	80 - 135	1	17	9041888	NSD0965-02	04/16/09 15:14
Hexachlorobutadiene	ND	63.1	B	ug/L	50.0	126%	48 - 155	7	34	9041888	NSD0965-02	04/16/09 15:14
2-Hexanone	ND	310		ug/L	250	124%	58 - 154	4	34	9041888	NSD0965-02	04/16/09 15:14
Isopropylbenzene	ND	63.5		ug/L	50.0	127%	80 - 135	1	18	9041888	NSD0965-02	04/16/09 15:14
p-Isopropyltoluene	ND	51.0		ug/L	50.0	102%	74 - 139	1	17	9041888	NSD0965-02	04/16/09 15:14
Methyl tert-Butyl Ether	ND	53.5		ug/L	50.0	107%	60 - 144	5	32	9041888	NSD0965-02	04/16/09 15:14
Methylene Chloride	ND	53.5		ug/L	50.0	107%	64 - 140	1	18	9041888	NSD0965-02	04/16/09 15:14
4-Methyl-2-pentanone	ND	262		ug/L	250	105%	55 - 153	5	31	9041888	NSD0965-02	04/16/09 15:14
Naphthalene	ND	54.0		ug/L	50.0	108%	50 - 154	4	39	9041888	NSD0965-02	04/16/09 15:14
n-Propylbenzene	ND	55.2		ug/L	50.0	110%	78 - 141	7	17	9041888	NSD0965-02	04/16/09 15:14
Styrene	ND	54.6		ug/L	50.0	109%	80 - 139	0.4	16	9041888	NSD0965-02	04/16/09 15:14
1,1,1,2-Tetrachloroethane	ND	64.2		ug/L	50.0	128%	75 - 140	1	17	9041888	NSD0965-02	04/16/09 15:14
1,1,2,2-Tetrachloroethane	ND	56.3		ug/L	50.0	113%	55 - 152	7	28	9041888	NSD0965-02	04/16/09 15:14
Tetrachloroethene	ND	65.1		ug/L	50.0	130%	67 - 150	1	27	9041888	NSD0965-02	04/16/09 15:14
Toluene	ND	60.2		ug/L	50.0	120%	75 - 139	1	19	9041888	NSD0965-02	04/16/09 15:14
1,2,3-Trichlorobenzene	ND	52.6		ug/L	50.0	105%	49 - 144	4	31	9041888	NSD0965-02	04/16/09 15:14
1,2,4-Trichlorobenzene	ND	53.1		ug/L	50.0	106%	55 - 135	3	26	9041888	NSD0965-02	04/16/09 15:14
1,1,2-Trichloroethane	ND	61.3		ug/L	50.0	123%	77 - 128	0.7	21	9041888	NSD0965-02	04/16/09 15:14
1,1,1-Trichloroethane	ND	64.4		ug/L	50.0	129%	80 - 136	0.9	16	9041888	NSD0965-02	04/16/09 15:14
Trichloroethene	0.830	65.9		ug/L	50.0	130%	57 - 158	3	28	9041888	NSD0965-02	04/16/09 15:14
Trichlorofluoromethane	ND	55.0		ug/L	50.0	110%	68 - 145	0.4	20	9041888	NSD0965-02	04/16/09 15:14
1,2,3-Trichloropropane	ND	54.8		ug/L	50.0	110%	55 - 137	6	26	9041888	NSD0965-02	04/16/09 15:14
1,3,5-Trimethylbenzene	ND	61.4		ug/L	50.0	123%	78 - 136	7	16	9041888	NSD0965-02	04/16/09 15:14
1,2,4-Trimethylbenzene	ND	61.5		ug/L	50.0	123%	70 - 143	4	22	9041888	NSD0965-02	04/16/09 15:14
Vinyl chloride	ND	51.6		ug/L	50.0	103%	49 - 156	1	26	9041888	NSD0965-02	04/16/09 15:14
Xylenes, total	ND	181		ug/L	150	121%	80 - 136	1	18	9041888	NSD0965-02	04/16/09 15:14
Surrogate: 1,2-Dichloroethane-d4		23.4		ug/L	25.0	94%	60 - 140			9041888	NSD0965-02	04/16/09 15:14
Surrogate: Dibromofluoromethane		25.1		ug/L	25.0	100%	75 - 124			9041888	NSD0965-02	04/16/09 15:14
Surrogate: Toluene-d8		24.9		ug/L	25.0	99%	78 - 121			9041888	NSD0965-02	04/16/09 15:14
Surrogate: 4-Bromofluorobenzene		25.4		ug/L	25.0	102%	79 - 124			9041888	NSD0965-02	04/16/09 15:14

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Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	AIHA	Nelac	Illinois
SM4500-CN I	Water			
SW846 8082	Water	N/A	X	X
SW846 8260B	Water	N/A	X	X
SW846 9012B	Water		X	X

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	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

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

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

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0965
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/10/09 08:10

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.
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M8	The MS and/or MSD were below 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.
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 RECEIP

NSD0965

Cooler Received/Opened On 04/10/09 @ 08:00

1. Tracking # 9468 (last 4 digits, FedEx,

Courier: ___FED-EX IR Gun ID___97310166

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-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

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: Christopher Mabbett
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: Christopher Mabbett
Project Name: Bodycote
Facility ID: 1998002.242/244
Site Address:
City,State,Zip: Illinois
Regulatory District (CA):

NSD0965
04/21/09 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)*
01	M+A-115	4/8/09	1510	4	X					X					X	X						X		X			
02	M+A-122	4/9/09	1345	4	X					X					X	X						X		X			
03	M+A-130	4/9/09	1430	1	X										X	X						X					
04	M+A-131	4/9/09	1345	4	X					X					X	X						X		X			
05	M+A-208	4/9/09	1500	1	X										X	X						X					
06	M+A-301	4/9/09	1430	4	X					X					X	X						X		X			
07	M+A-214	4/9/09	1025	4	X					X	X					X								X		X	
08	M+A-217	4/9/09	1100	5	X					X	X					X								X	X	X	
09	M+A-218	4/9/09	1145	5	X					X	X					X								X	X	X	
10	M+A-226	4/9/09	0940	5	X					X	X					X								X	X	X	

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 # 14050

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
Kiran Sears	4/9/09	1630						

Shipped Via: Fed Ex
Shipped Via:

Received for TestAmerica by: [signature] Date: 4/10 Time: 8:10

Temperature Upon Receipt: 5.8°C
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

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: Christopher Mabbett
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: Christopher Mabbett
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)*
11	Gantry Silo	4/9/09	0830	4	X					X	X					X								X		X	
12	MW-301	4/9/09	1020	4	X					X	X					X								X		X	
13	MW-303	4/9/09	1140	4	X					X	X					X								X		X	
14	MW-304	4/9/09	0945	5	X					X	X					X								X	X	X	
15	Trip Blank	4/8/09	1600	1	X					X						X								X			

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 # 14050

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
Kiran Sears	4/9/09	1630						

Shipped Via:
Shipped Via:
Received for TestAmerica by: Date: 4/10 Time: 8:10
Temperature Upon Receipt: 5.8°C
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

April 20, 2009 11:59:36AM

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

Work Order: NSD0833
Project Name: Bodycote
Project Nbr: 1998002.242/244
P/O Nbr:
Date Received: 04/09/09

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
M&A-206	NSD0833-01	04/08/09 11:15
M&A-207	NSD0833-02	04/08/09 11:45
M&A-211	NSD0833-03	04/08/09 14:10
M&A-213	NSD0833-04	04/08/09 10:15
M&A-214	NSD0833-05	04/08/09 09:30
M&A-215	NSD0833-06	04/08/09 09:35
M&A-219	NSD0833-07	04/08/09 14:30
M&A-221	NSD0833-08	04/08/09 13:45
M&A-222	NSD0833-09	04/08/09 15:10
M&A-223	NSD0833-10	04/08/09 13:30
M&A-224	NSD0833-11	04/08/09 11:40
M&A-225	NSD0833-12	04/08/09 10:45
M&A-106	NSD0833-13	04/07/09 15:00
M&A-124	NSD0833-14	04/07/09 15:00
Trip Blank	NSD0833-15	04/07/09 15:00

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.

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Illinois Certification Number: 002179

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:

Ken A. Hayes

Senior 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:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0833-01 (M&A-206 - Ground Water) Sampled: 04/08/09 11:15								
General Chemistry Parameters								
Cyanide	**0.0229**		mg/L	0.00500	1	04/16/09 18:11	SW846 9012B	9042334
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/13/09 00:32	SW846 8260B	9042243
Benzene	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
Bromobenzene	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
Bromochloromethane	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
Bromodichloromethane	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
Bromoform	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
Bromomethane	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
2-Butanone	ND		ug/L	50.0	1	04/13/09 00:32	SW846 8260B	9042243
sec-Butylbenzene	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
n-Butylbenzene	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
tert-Butylbenzene	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
Carbon disulfide	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
Carbon Tetrachloride	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
Chlorobenzene	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
Chlorodibromomethane	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
Chloroethane	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
Chloroform	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
Chloromethane	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
2-Chlorotoluene	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
4-Chlorotoluene	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/13/09 00:32	SW846 8260B	9042243
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
Dibromomethane	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
1,1-Dichloroethane	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
1,2-Dichloroethane	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
1,1-Dichloroethene	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
1,3-Dichloropropane	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
1,2-Dichloropropane	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
2,2-Dichloropropane	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
1,1-Dichloropropene	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
Ethylbenzene	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
Hexachlorobutadiene	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
2-Hexanone	ND		ug/L	50.0	1	04/13/09 00:32	SW846 8260B	9042243

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0833-01 (M&A-206 - Ground Water) - cont. Sampled: 04/08/09 11:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Isopropylbenzene	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
p-Isopropyltoluene	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
Methylene Chloride	ND		ug/L	5.00	1	04/13/09 00:32	SW846 8260B	9042243
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/13/09 00:32	SW846 8260B	9042243
Naphthalene	ND		ug/L	5.00	1	04/13/09 00:32	SW846 8260B	9042243
n-Propylbenzene	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
Styrene	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
Tetrachloroethene	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
Toluene	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
Trichloroethene	**7.58**		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
Trichlorofluoromethane	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
Vinyl chloride	ND		ug/L	1.00	1	04/13/09 00:32	SW846 8260B	9042243
Xylenes, total	ND		ug/L	3.00	1	04/13/09 00:32	SW846 8260B	9042243
Surr: 1,2-Dichloroethane-d4 (60-140%)	*94 %*					*04/13/09 00:32*	*SW846 8260B*	*9042243*
Surr: Dibromofluoromethane (75-124%)	*91 %*					*04/13/09 00:32*	*SW846 8260B*	*9042243*
Surr: Toluene-d8 (78-121%)	*108 %*					*04/13/09 00:32*	*SW846 8260B*	*9042243*
Surr: 4-Bromofluorobenzene (79-124%)	*101 %*					*04/13/09 00:32*	*SW846 8260B*	*9042243*
Sample ID: NSD0833-02 (M&A-207 - Ground Water) Sampled: 04/08/09 11:45								
General Chemistry Parameters								
Cyanide	**1.58**		mg/L	0.100	20	04/16/09 18:11	SW846 9012B	9042334
Cyanide, Weak Acid Dissociable	**0.0333**		mg/L	0.00500	1	04/16/09 18:11	SM4500-CN I	9042333
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/13/09 00:58	SW846 8260B	9042243
Benzene	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
Bromobenzene	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
Bromochloromethane	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
Bromodichloromethane	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
Bromoform	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
Bromomethane	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
2-Butanone	ND		ug/L	50.0	1	04/13/09 00:58	SW846 8260B	9042243
sec-Butylbenzene	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
n-Butylbenzene	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0833-02 (M&A-207 - Ground Water) - cont. Sampled: 04/08/09 11:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
tert-Butylbenzene	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
Carbon disulfide	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
Carbon Tetrachloride	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
Chlorobenzene	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
Chlorodibromomethane	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
Chloroethane	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
Chloroform	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
Chloromethane	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
2-Chlorotoluene	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
4-Chlorotoluene	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/13/09 00:58	SW846 8260B	9042243
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
Dibromomethane	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
1,1-Dichloroethane	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
1,2-Dichloroethane	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
cis-1,2-Dichloroethene	**4.27**		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
1,1-Dichloroethene	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
1,3-Dichloropropane	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
1,2-Dichloropropane	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
2,2-Dichloropropane	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
1,1-Dichloropropene	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
Ethylbenzene	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
Hexachlorobutadiene	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
2-Hexanone	ND		ug/L	50.0	1	04/13/09 00:58	SW846 8260B	9042243
Isopropylbenzene	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
p-Isopropyltoluene	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
Methylene Chloride	ND		ug/L	5.00	1	04/13/09 00:58	SW846 8260B	9042243
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/13/09 00:58	SW846 8260B	9042243
Naphthalene	ND		ug/L	5.00	1	04/13/09 00:58	SW846 8260B	9042243
n-Propylbenzene	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
Styrene	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
Tetrachloroethene	**4.22**		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
Toluene	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0833-02 (M&A-207 - Ground Water) - cont. Sampled: 04/08/09 11:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
Trichloroethene	**148**		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
Trichlorofluoromethane	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
Vinyl chloride	ND		ug/L	1.00	1	04/13/09 00:58	SW846 8260B	9042243
Xylenes, total	ND		ug/L	3.00	1	04/13/09 00:58	SW846 8260B	9042243
Surr: 1,2-Dichloroethane-d4 (60-140%)	*92 %*					*04/13/09 00:58*	*SW846 8260B*	*9042243*
Surr: Dibromofluoromethane (75-124%)	*91 %*					*04/13/09 00:58*	*SW846 8260B*	*9042243*
Surr: Toluene-d8 (78-121%)	*109 %*					*04/13/09 00:58*	*SW846 8260B*	*9042243*
Surr: 4-Bromofluorobenzene (79-124%)	*100 %*					*04/13/09 00:58*	*SW846 8260B*	*9042243*
Sample ID: NSD0833-03 (M&A-211 - Ground Water) Sampled: 04/08/09 14:10								
General Chemistry Parameters								
Cyanide	**0.0685**		mg/L	0.00500	1	04/16/09 18:11	SW846 9012B	9042334
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/13/09 01:24	SW846 8260B	9042243
Benzene	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
Bromobenzene	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
Bromochloromethane	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
Bromodichloromethane	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
Bromoform	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
Bromomethane	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
2-Butanone	ND		ug/L	50.0	1	04/13/09 01:24	SW846 8260B	9042243
sec-Butylbenzene	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
n-Butylbenzene	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
tert-Butylbenzene	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
Carbon disulfide	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
Carbon Tetrachloride	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
Chlorobenzene	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
Chlorodibromomethane	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
Chloroethane	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
Chloroform	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
Chloromethane	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
2-Chlorotoluene	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
4-Chlorotoluene	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/13/09 01:24	SW846 8260B	9042243
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
Dibromomethane	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 08:00

ANALYTICAL REPORT

Sample ID: NSD0833-03 (M&A-211 - Ground Water) - cont. Sampled: 04/08/09 14:10

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
1,1-Dichloroethane	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
1,2-Dichloroethane	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
cis-1,2-Dichloroethene	**2140**		ug/L	100	100	04/14/09 15:07	SW846 8260B	9041068
1,1-Dichloroethene	**6.67**		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
trans-1,2-Dichloroethene	**54.5**		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
1,3-Dichloropropane	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
1,2-Dichloropropane	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
2,2-Dichloropropane	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
1,1-Dichloropropene	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
Ethylbenzene	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
Hexachlorobutadiene	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
2-Hexanone	ND		ug/L	50.0	1	04/13/09 01:24	SW846 8260B	9042243
Isopropylbenzene	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
p-Isopropyltoluene	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
Methylene Chloride	ND		ug/L	5.00	1	04/13/09 01:24	SW846 8260B	9042243
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/13/09 01:24	SW846 8260B	9042243
Naphthalene	ND		ug/L	5.00	1	04/13/09 01:24	SW846 8260B	9042243
n-Propylbenzene	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
Styrene	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
Tetrachloroethene	**75.5**		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
Toluene	**7.60**		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
Trichloroethene	**9330**		ug/L	100	100	04/14/09 15:07	SW846 8260B	9041068
Trichlorofluoromethane	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/13/09 01:24	SW846 8260B	9042243
Vinyl chloride	**354**		ug/L	10.0	10	04/14/09 14:41	SW846 8260B	9041068
Xylenes, total	ND		ug/L	3.00	1	04/13/09 01:24	SW846 8260B	9042243
Surr: 1,2-Dichloroethane-d4 (60-140%)	*94 %*					*04/13/09 01:24*	*SW846 8260B*	*9042243*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*94 %*					*04/14/09 14:41*	*SW846 8260B*	*9041068*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0833-03 (M&A-211 - Ground Water) - cont. Sampled: 04/08/09 14:10								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: 1,2-Dichloroethane-d4 (60-140%)	*95 %*					*04/14/09 15:07*	*SW846 8260B*	*9041068*
Surr: Dibromofluoromethane (75-124%)	*94 %*					*04/13/09 01:24*	*SW846 8260B*	*9042243*
Surr: Dibromofluoromethane (75-124%)	*94 %*					*04/14/09 14:41*	*SW846 8260B*	*9041068*
Surr: Dibromofluoromethane (75-124%)	*94 %*					*04/14/09 15:07*	*SW846 8260B*	*9041068*
Surr: Toluene-d8 (78-121%)	*109 %*					*04/13/09 01:24*	*SW846 8260B*	*9042243*
Surr: Toluene-d8 (78-121%)	*109 %*					*04/14/09 14:41*	*SW846 8260B*	*9041068*
Surr: Toluene-d8 (78-121%)	*110 %*					*04/14/09 15:07*	*SW846 8260B*	*9041068*
Surr: 4-Bromofluorobenzene (79-124%)	*103 %*					*04/13/09 01:24*	*SW846 8260B*	*9042243*
Surr: 4-Bromofluorobenzene (79-124%)	*103 %*					*04/14/09 14:41*	*SW846 8260B*	*9041068*
Surr: 4-Bromofluorobenzene (79-124%)	*101 %*					*04/14/09 15:07*	*SW846 8260B*	*9041068*
Sample ID: NSD0833-04 (M&A-213 - Ground Water) Sampled: 04/08/09 10:15								
General Chemistry Parameters								
Cyanide	**0.0300**		mg/L	0.00500	1	04/16/09 18:11	SW846 9012B	9042334
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/14/09 14:15	SW846 8260B	9041068
Benzene	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
Bromobenzene	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
Bromochloromethane	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
Bromodichloromethane	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
Bromoform	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
Bromomethane	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
2-Butanone	ND		ug/L	50.0	1	04/14/09 14:15	SW846 8260B	9041068
sec-Butylbenzene	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
n-Butylbenzene	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
tert-Butylbenzene	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
Carbon disulfide	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
Carbon Tetrachloride	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
Chlorobenzene	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
Chlorodibromomethane	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
Chloroethane	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
Chloroform	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
Chloromethane	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
2-Chlorotoluene	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
4-Chlorotoluene	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/14/09 14:15	SW846 8260B	9041068
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
Dibromomethane	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
1,1-Dichloroethane	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
1,2-Dichloroethane	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 08:00

ANALYTICAL REPORT

Sample ID: NSD0833-04 (M&A-213 - Ground Water) - cont. Sampled: 04/08/09 10:15

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
cis-1,2-Dichloroethene	**6.45**		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
1,1-Dichloroethene	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
1,3-Dichloropropane	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
1,2-Dichloropropane	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
2,2-Dichloropropane	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
1,1-Dichloropropene	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
Ethylbenzene	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
Hexachlorobutadiene	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
2-Hexanone	ND		ug/L	50.0	1	04/14/09 14:15	SW846 8260B	9041068
Isopropylbenzene	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
p-Isopropyltoluene	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
Methylene Chloride	ND		ug/L	5.00	1	04/14/09 14:15	SW846 8260B	9041068
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/14/09 14:15	SW846 8260B	9041068
Naphthalene	ND		ug/L	5.00	1	04/14/09 14:15	SW846 8260B	9041068
n-Propylbenzene	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
Styrene	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
Tetrachloroethene	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
Toluene	ND	B	ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
Trichloroethene	**6.36**		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
Trichlorofluoromethane	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
Vinyl chloride	ND		ug/L	1.00	1	04/14/09 14:15	SW846 8260B	9041068
Xylenes, total	ND		ug/L	3.00	1	04/14/09 14:15	SW846 8260B	9041068
Surr: 1,2-Dichloroethane-d4 (60-140%)	*94 %*					*04/14/09 14:15*	*SW846 8260B*	*9041068*
Surr: Dibromofluoromethane (75-124%)	*92 %*					*04/14/09 14:15*	*SW846 8260B*	*9041068*
Surr: Toluene-d8 (78-121%)	*109 %*					*04/14/09 14:15*	*SW846 8260B*	*9041068*
Surr: 4-Bromofluorobenzene (79-124%)	*102 %*					*04/14/09 14:15*	*SW846 8260B*	*9041068*

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:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0833-05 (M&A-214 - Ground Water) Sampled: 04/08/09 09:30								
General Chemistry Parameters								
Cyanide	**0.0871**		mg/L	0.00500	1	04/16/09 18:11	SW846 9012B	9042334
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/13/09 06:12	SW846 8260B	9041759
Benzene	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
Bromobenzene	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
Bromochloromethane	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
Bromodichloromethane	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
Bromoform	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
Bromomethane	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
2-Butanone	ND		ug/L	50.0	1	04/13/09 06:12	SW846 8260B	9041759
sec-Butylbenzene	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
n-Butylbenzene	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
tert-Butylbenzene	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
Carbon disulfide	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
Carbon Tetrachloride	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
Chlorobenzene	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
Chlorodibromomethane	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
Chloroethane	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
Chloroform	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
Chloromethane	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
2-Chlorotoluene	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
4-Chlorotoluene	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/13/09 06:12	SW846 8260B	9041759
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
Dibromomethane	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
1,1-Dichloroethane	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
1,2-Dichloroethane	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
cis-1,2-Dichloroethene	**2.30**		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
1,1-Dichloroethene	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
1,3-Dichloropropane	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
1,2-Dichloropropane	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
2,2-Dichloropropane	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
1,1-Dichloropropene	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
Ethylbenzene	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
Hexachlorobutadiene	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
2-Hexanone	ND		ug/L	50.0	1	04/13/09 06:12	SW846 8260B	9041759

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0833-05 (M&A-214 - Ground Water) - cont. Sampled: 04/08/09 09:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Isopropylbenzene	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
p-Isopropyltoluene	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
Methylene Chloride	ND		ug/L	5.00	1	04/13/09 06:12	SW846 8260B	9041759
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/13/09 06:12	SW846 8260B	9041759
Naphthalene	ND		ug/L	5.00	1	04/13/09 06:12	SW846 8260B	9041759
n-Propylbenzene	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
Styrene	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
Tetrachloroethene	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
Toluene	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
1,1,1-Trichloroethane	**9.71**		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
Trichloroethene	**101**		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
Trichlorofluoromethane	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
Vinyl chloride	ND		ug/L	1.00	1	04/13/09 06:12	SW846 8260B	9041759
Xylenes, total	ND		ug/L	3.00	1	04/13/09 06:12	SW846 8260B	9041759
Surr: 1,2-Dichloroethane-d4 (60-140%)	*93 %*					*04/13/09 06:12*	*SW846 8260B*	*9041759*
Surr: Dibromofluoromethane (75-124%)	*93 %*					*04/13/09 06:12*	*SW846 8260B*	*9041759*
Surr: Toluene-d8 (78-121%)	*108 %*					*04/13/09 06:12*	*SW846 8260B*	*9041759*
Surr: 4-Bromofluorobenzene (79-124%)	*100 %*					*04/13/09 06:12*	*SW846 8260B*	*9041759*
Sample ID: NSD0833-06 (M&A-215 - Ground Water) Sampled: 04/08/09 09:35								
General Chemistry Parameters								
Cyanide	ND		mg/L	0.00500	1	04/16/09 18:11	SW846 9012B	9042334
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/13/09 06:38	SW846 8260B	9041759
Benzene	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
Bromobenzene	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
Bromochloromethane	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
Bromodichloromethane	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
Bromoform	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
Bromomethane	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
2-Butanone	ND		ug/L	50.0	1	04/13/09 06:38	SW846 8260B	9041759
sec-Butylbenzene	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
n-Butylbenzene	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
tert-Butylbenzene	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0833-06 (M&A-215 - Ground Water) - cont. Sampled: 04/08/09 09:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Carbon disulfide	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
Carbon Tetrachloride	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
Chlorobenzene	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
Chlorodibromomethane	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
Chloroethane	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
Chloroform	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
Chloromethane	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
2-Chlorotoluene	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
4-Chlorotoluene	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/13/09 06:38	SW846 8260B	9041759
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
Dibromomethane	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
1,1-Dichloroethane	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
1,2-Dichloroethane	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
cis-1,2-Dichloroethene	**3.28**		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
1,1-Dichloroethene	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
1,3-Dichloropropane	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
1,2-Dichloropropane	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
2,2-Dichloropropane	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
1,1-Dichloropropene	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
Ethylbenzene	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
Hexachlorobutadiene	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
2-Hexanone	ND		ug/L	50.0	1	04/13/09 06:38	SW846 8260B	9041759
Isopropylbenzene	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
p-Isopropyltoluene	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
Methylene Chloride	ND		ug/L	5.00	1	04/13/09 06:38	SW846 8260B	9041759
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/13/09 06:38	SW846 8260B	9041759
Naphthalene	ND		ug/L	5.00	1	04/13/09 06:38	SW846 8260B	9041759
n-Propylbenzene	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
Styrene	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
Tetrachloroethene	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
Toluene	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0833-06 (M&A-215 - Ground Water) - cont. Sampled: 04/08/09 09:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
Trichloroethene	**52.7**		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
Trichlorofluoromethane	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
Vinyl chloride	ND		ug/L	1.00	1	04/13/09 06:38	SW846 8260B	9041759
Xylenes, total	ND		ug/L	3.00	1	04/13/09 06:38	SW846 8260B	9041759
Surr: 1,2-Dichloroethane-d4 (60-140%)	*95 %*					*04/13/09 06:38*	*SW846 8260B*	*9041759*
Surr: Dibromofluoromethane (75-124%)	*95 %*					*04/13/09 06:38*	*SW846 8260B*	*9041759*
Surr: Toluene-d8 (78-121%)	*109 %*					*04/13/09 06:38*	*SW846 8260B*	*9041759*
Surr: 4-Bromofluorobenzene (79-124%)	*100 %*					*04/13/09 06:38*	*SW846 8260B*	*9041759*
Sample ID: NSD0833-07 (M&A-219 - Ground Water) Sampled: 04/08/09 14:30								
General Chemistry Parameters								
Cyanide	**0.0396**		mg/L	0.00500	1	04/16/09 18:11	SW846 9012B	9042334
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/13/09 07:04	SW846 8260B	9041759
Benzene	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
Bromobenzene	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
Bromochloromethane	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
Bromodichloromethane	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
Bromoform	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
Bromomethane	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
2-Butanone	ND		ug/L	50.0	1	04/13/09 07:04	SW846 8260B	9041759
sec-Butylbenzene	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
n-Butylbenzene	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
tert-Butylbenzene	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
Carbon disulfide	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
Carbon Tetrachloride	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
Chlorobenzene	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
Chlorodibromomethane	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
Chloroethane	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
Chloroform	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
Chloromethane	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
2-Chlorotoluene	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
4-Chlorotoluene	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/13/09 07:04	SW846 8260B	9041759
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
Dibromomethane	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0833-07 (M&A-219 - Ground Water) - cont. Sampled: 04/08/09 14:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
1,1-Dichloroethane	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
1,2-Dichloroethane	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
1,1-Dichloroethene	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
1,3-Dichloropropane	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
1,2-Dichloropropane	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
2,2-Dichloropropane	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
1,1-Dichloropropene	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
Ethylbenzene	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
Hexachlorobutadiene	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
2-Hexanone	ND		ug/L	50.0	1	04/13/09 07:04	SW846 8260B	9041759
Isopropylbenzene	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
p-Isopropyltoluene	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
Methylene Chloride	ND		ug/L	5.00	1	04/13/09 07:04	SW846 8260B	9041759
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/13/09 07:04	SW846 8260B	9041759
Naphthalene	ND		ug/L	5.00	1	04/13/09 07:04	SW846 8260B	9041759
n-Propylbenzene	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
Styrene	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
Tetrachloroethene	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
Toluene	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
Trichloroethene	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
Trichlorofluoromethane	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
Vinyl chloride	ND		ug/L	1.00	1	04/13/09 07:04	SW846 8260B	9041759
Xylenes, total	ND		ug/L	3.00	1	04/13/09 07:04	SW846 8260B	9041759
Surr: 1,2-Dichloroethane-d4 (60-140%)	*95 %*					*04/13/09 07:04*	*SW846 8260B*	*9041759*
Surr: Dibromofluoromethane (75-124%)	*94 %*					*04/13/09 07:04*	*SW846 8260B*	*9041759*
Surr: Toluene-d8 (78-121%)	*109 %*					*04/13/09 07:04*	*SW846 8260B*	*9041759*
Surr: 4-Bromofluorobenzene (79-124%)	*101 %*					*04/13/09 07:04*	*SW846 8260B*	*9041759*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0833-07 (M&A-219 - Ground Water) - cont. Sampled: 04/08/09 14:30								
Sample ID: NSD0833-08 (M&A-221 - Ground Water) Sampled: 04/08/09 13:45								
General Chemistry Parameters								
Cyanide	**0.195**		mg/L	0.00500	1	04/16/09 18:11	SW846 9012B	9042334
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/13/09 07:30	SW846 8260B	9041759
Benzene	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
Bromobenzene	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
Bromochloromethane	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
Bromodichloromethane	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
Bromoform	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
Bromomethane	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
2-Butanone	ND		ug/L	50.0	1	04/13/09 07:30	SW846 8260B	9041759
sec-Butylbenzene	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
n-Butylbenzene	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
tert-Butylbenzene	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
Carbon disulfide	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
Carbon Tetrachloride	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
Chlorobenzene	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
Chlorodibromomethane	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
Chloroethane	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
Chloroform	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
Chloromethane	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
2-Chlorotoluene	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
4-Chlorotoluene	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/13/09 07:30	SW846 8260B	9041759
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
Dibromomethane	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
1,1-Dichloroethane	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
1,2-Dichloroethane	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
cis-1,2-Dichloroethene	**9.31**		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
1,1-Dichloroethene	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
1,3-Dichloropropane	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
1,2-Dichloropropane	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
2,2-Dichloropropane	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
1,1-Dichloropropene	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
Ethylbenzene	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759

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

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0833-08 (M&A-221 - Ground Water) - cont. Sampled: 04/08/09 13:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Hexachlorobutadiene	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
2-Hexanone	ND		ug/L	50.0	1	04/13/09 07:30	SW846 8260B	9041759
Isopropylbenzene	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
p-Isopropyltoluene	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
Methylene Chloride	ND		ug/L	5.00	1	04/13/09 07:30	SW846 8260B	9041759
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/13/09 07:30	SW846 8260B	9041759
Naphthalene	ND		ug/L	5.00	1	04/13/09 07:30	SW846 8260B	9041759
n-Propylbenzene	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
Styrene	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
Tetrachloroethene	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
Toluene	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
Trichloroethene	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
Trichlorofluoromethane	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
Vinyl chloride	ND		ug/L	1.00	1	04/13/09 07:30	SW846 8260B	9041759
Xylenes, total	ND		ug/L	3.00	1	04/13/09 07:30	SW846 8260B	9041759
Surr: 1,2-Dichloroethane-d4 (60-140%)	*95 %*					*04/13/09 07:30*	*SW846 8260B*	*9041759*
Surr: Dibromofluoromethane (75-124%)	*94 %*					*04/13/09 07:30*	*SW846 8260B*	*9041759*
Surr: Toluene-d8 (78-121%)	*108 %*					*04/13/09 07:30*	*SW846 8260B*	*9041759*
Surr: 4-Bromofluorobenzene (79-124%)	*102 %*					*04/13/09 07:30*	*SW846 8260B*	*9041759*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0833-09 (M&A-222 - Ground Water) Sampled: 04/08/09 15:10								
General Chemistry Parameters								
Cyanide	ND		mg/L	0.00500	1	04/16/09 18:11	SW846 9012B	9042334
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/13/09 07:57	SW846 8260B	9041759
Benzene	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
Bromobenzene	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
Bromochloromethane	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
Bromodichloromethane	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
Bromoform	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
Bromomethane	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
2-Butanone	ND		ug/L	50.0	1	04/13/09 07:57	SW846 8260B	9041759
sec-Butylbenzene	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
n-Butylbenzene	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
tert-Butylbenzene	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
Carbon disulfide	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
Carbon Tetrachloride	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
Chlorobenzene	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
Chlorodibromomethane	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
Chloroethane	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
Chloroform	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
Chloromethane	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
2-Chlorotoluene	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
4-Chlorotoluene	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/13/09 07:57	SW846 8260B	9041759
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
Dibromomethane	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
1,1-Dichloroethane	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
1,2-Dichloroethane	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
1,1-Dichloroethene	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
1,3-Dichloropropane	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
1,2-Dichloropropane	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
2,2-Dichloropropane	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
1,1-Dichloropropene	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
Ethylbenzene	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
Hexachlorobutadiene	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
2-Hexanone	ND		ug/L	50.0	1	04/13/09 07:57	SW846 8260B	9041759

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0833-09 (M&A-222 - Ground Water) - cont. Sampled: 04/08/09 15:10								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Isopropylbenzene	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
p-Isopropyltoluene	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
Methylene Chloride	ND		ug/L	5.00	1	04/13/09 07:57	SW846 8260B	9041759
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/13/09 07:57	SW846 8260B	9041759
Naphthalene	ND		ug/L	5.00	1	04/13/09 07:57	SW846 8260B	9041759
n-Propylbenzene	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
Styrene	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
Tetrachloroethene	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
Toluene	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
Trichloroethene	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
Trichlorofluoromethane	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
Vinyl chloride	ND		ug/L	1.00	1	04/13/09 07:57	SW846 8260B	9041759
Xylenes, total	ND		ug/L	3.00	1	04/13/09 07:57	SW846 8260B	9041759
Surr: 1,2-Dichloroethane-d4 (60-140%)	*95 %*					*04/13/09 07:57*	*SW846 8260B*	*9041759*
Surr: Dibromofluoromethane (75-124%)	*93 %*					*04/13/09 07:57*	*SW846 8260B*	*9041759*
Surr: Toluene-d8 (78-121%)	*108 %*					*04/13/09 07:57*	*SW846 8260B*	*9041759*
Surr: 4-Bromofluorobenzene (79-124%)	*101 %*					*04/13/09 07:57*	*SW846 8260B*	*9041759*
Sample ID: NSD0833-10 (M&A-223 - Water) Sampled: 04/08/09 13:30								
General Chemistry Parameters								
Cyanide	**0.137**		mg/L	0.00500	1	04/16/09 18:11	SW846 9012B	9042334
Cyanide, Weak Acid Dissociable	**0.354**		mg/L	0.00500	1	04/16/09 18:11	SM4500-CN I	9042333
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND	RL1	ug/L	50000	1000	04/14/09 20:54	SW846 8260B	9041744
Benzene	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
Bromobenzene	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
Bromochloromethane	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
Bromodichloromethane	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
Bromoform	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
Bromomethane	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
2-Butanone	ND	RL1	ug/L	50000	1000	04/14/09 20:54	SW846 8260B	9041744
sec-Butylbenzene	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
n-Butylbenzene	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 08:00

ANALYTICAL REPORT

Sample ID: NSD0833-10 (M&A-223 - Water) - cont. Sampled: 04/08/09 13:30

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
tert-Butylbenzene	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
Carbon disulfide	ND	L, RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
Carbon Tetrachloride	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
Chlorobenzene	ND	L, RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
Chlorodibromomethane	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
Chloroethane	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
Chloroform	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
Chloromethane	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
2-Chlorotoluene	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
4-Chlorotoluene	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
1,2-Dibromo-3-chloropropane	ND	RL1	ug/L	5000	1000	04/14/09 20:54	SW846 8260B	9041744
1,2-Dibromoethane (EDB)	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
Dibromomethane	ND	L, RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
1,4-Dichlorobenzene	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
1,3-Dichlorobenzene	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
1,2-Dichlorobenzene	ND	L, RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
Dichlorodifluoromethane	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
1,1-Dichloroethane	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
1,2-Dichloroethane	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
cis-1,2-Dichloroethene	**10100**		ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
1,1-Dichloroethene	ND	L, RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
trans-1,2-Dichloroethene	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
1,3-Dichloropropane	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
1,2-Dichloropropane	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
2,2-Dichloropropane	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
cis-1,3-Dichloropropene	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
trans-1,3-Dichloropropene	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
1,1-Dichloropropene	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
Ethylbenzene	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
Hexachlorobutadiene	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
2-Hexanone	ND	RL1	ug/L	50000	1000	04/14/09 20:54	SW846 8260B	9041744
Isopropylbenzene	ND	L, RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
p-Isopropyltoluene	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
Methyl tert-Butyl Ether	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
Methylene Chloride	ND	RL1	ug/L	5000	1000	04/14/09 20:54	SW846 8260B	9041744
4-Methyl-2-pentanone	ND	RL1	ug/L	10000	1000	04/14/09 20:54	SW846 8260B	9041744
Naphthalene	ND	RL1	ug/L	5000	1000	04/14/09 20:54	SW846 8260B	9041744
n-Propylbenzene	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
Styrene	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
1,1,1,2-Tetrachloroethane	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
1,1,2,2-Tetrachloroethane	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
Tetrachloroethene	**3450**		ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
Toluene	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0833-10 (M&A-223 - Water) - cont. Sampled: 04/08/09 13:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichlorobenzene	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
1,2,4-Trichlorobenzene	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
1,1,2-Trichloroethane	ND	L, RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
1,1,1-Trichloroethane	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
Trichloroethene	**412000**		ug/L	10000	10000	04/14/09 21:19	SW846 8260B	9041744
Trichlorofluoromethane	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
1,2,3-Trichloropropane	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
1,3,5-Trimethylbenzene	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
1,2,4-Trimethylbenzene	ND	RL1, L	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
Vinyl chloride	ND	RL1	ug/L	1000	1000	04/14/09 20:54	SW846 8260B	9041744
Xylenes, total	ND	RL1	ug/L	3000	1000	04/14/09 20:54	SW846 8260B	9041744
Surr: 1,2-Dichloroethane-d4 (60-140%)	*99 %*					*04/14/09 20:54*	*SW846 8260B*	*9041744*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*107 %*					*04/14/09 21:19*	*SW846 8260B*	*9041744*
Surr: Dibromofluoromethane (75-124%)	*105 %*					*04/14/09 20:54*	*SW846 8260B*	*9041744*
Surr: Dibromofluoromethane (75-124%)	*107 %*					*04/14/09 21:19*	*SW846 8260B*	*9041744*
Surr: Toluene-d8 (78-121%)	*100 %*					*04/14/09 20:54*	*SW846 8260B*	*9041744*
Surr: Toluene-d8 (78-121%)	*98 %*					*04/14/09 21:19*	*SW846 8260B*	*9041744*
Surr: 4-Bromofluorobenzene (79-124%)	*106 %*					*04/14/09 20:54*	*SW846 8260B*	*9041744*
Surr: 4-Bromofluorobenzene (79-124%)	*109 %*					*04/14/09 21:19*	*SW846 8260B*	*9041744*
Sample ID: NSD0833-11 (M&A-224 - Water) Sampled: 04/08/09 11:40								
General Chemistry Parameters								
Cyanide	**0.348**		mg/L	0.00500	1	04/16/09 18:11	SW846 9012B	9042334
Cyanide, Weak Acid Dissociable	**0.152**		mg/L	0.00500	1	04/16/09 18:11	SM4500-CN I	9042333
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/12/09 08:31	SW846 8260B	9041355
Benzene	**1.15**		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
Bromobenzene	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
Bromochloromethane	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
Bromodichloromethane	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
Bromoform	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
Bromomethane	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
2-Butanone	ND		ug/L	50.0	1	04/12/09 08:31	SW846 8260B	9041355
sec-Butylbenzene	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
n-Butylbenzene	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
tert-Butylbenzene	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
Carbon disulfide	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
Carbon Tetrachloride	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
Chlorobenzene	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
Chlorodibromomethane	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
Chloroethane	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
Chloroform	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
Chloromethane	ND		ug/L	1.00	1	04/14/09 18:21	SW846 8260B	9041744

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0833-11 (M&A-224 - Water) - cont. Sampled: 04/08/09 11:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
2-Chlorotoluene	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
4-Chlorotoluene	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/12/09 08:31	SW846 8260B	9041355
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
Dibromomethane	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/14/09 18:21	SW846 8260B	9041744
1,1-Dichloroethane	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
1,2-Dichloroethane	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	04/14/09 18:21	SW846 8260B	9041744
1,1-Dichloroethene	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
1,3-Dichloropropane	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
1,2-Dichloropropane	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
2,2-Dichloropropane	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
1,1-Dichloropropene	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
Ethylbenzene	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
Hexachlorobutadiene	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
2-Hexanone	ND		ug/L	50.0	1	04/12/09 08:31	SW846 8260B	9041355
Isopropylbenzene	ND	L	ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
p-Isopropyltoluene	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
Methylene Chloride	ND		ug/L	5.00	1	04/12/09 08:31	SW846 8260B	9041355
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/12/09 08:31	SW846 8260B	9041355
Naphthalene	ND		ug/L	5.00	1	04/12/09 08:31	SW846 8260B	9041355
n-Propylbenzene	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
Styrene	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
Tetrachloroethene	ND		ug/L	1.00	1	04/14/09 18:21	SW846 8260B	9041744
Toluene	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
Trichloroethene	21.7		ug/L	1.00	1	04/14/09 18:21	SW846 8260B	9041744
Trichlorofluoromethane	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0833-11 (M&A-224 - Water) - cont. Sampled: 04/08/09 11:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/12/09 08:31	SW846 8260B	9041355
Vinyl chloride	ND		ug/L	1.00	1	04/14/09 18:21	SW846 8260B	9041744
Xylenes, total	ND		ug/L	3.00	1	04/12/09 08:31	SW846 8260B	9041355
Surr: 1,2-Dichloroethane-d4 (60-140%)	*90 %*					*04/12/09 08:31*	*SW846 8260B*	*9041355*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*103 %*					*04/14/09 18:21*	*SW846 8260B*	*9041744*
Surr: Dibromofluoromethane (75-124%)	*95 %*					*04/12/09 08:31*	*SW846 8260B*	*9041355*
Surr: Dibromofluoromethane (75-124%)	*104 %*					*04/14/09 18:21*	*SW846 8260B*	*9041744*
Surr: Toluene-d8 (78-121%)	*102 %*					*04/12/09 08:31*	*SW846 8260B*	*9041355*
Surr: Toluene-d8 (78-121%)	*99 %*					*04/14/09 18:21*	*SW846 8260B*	*9041744*
Surr: 4-Bromofluorobenzene (79-124%)	*106 %*					*04/12/09 08:31*	*SW846 8260B*	*9041355*
Surr: 4-Bromofluorobenzene (79-124%)	*104 %*					*04/14/09 18:21*	*SW846 8260B*	*9041744*
Sample ID: NSD0833-12 (M&A-225 - Water) Sampled: 04/08/09 10:45								
General Chemistry Parameters								
Cyanide	**1.86**		mg/L	0.100	20	04/16/09 18:11	SW846 9012B	9042334
Cyanide, Weak Acid Dissociable	**0.0736**		mg/L	0.00500	1	04/16/09 18:11	SM4500-CN I	9042333
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/12/09 08:56	SW846 8260B	9041355
Benzene	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
Bromobenzene	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
Bromochloromethane	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
Bromodichloromethane	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
Bromoform	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
Bromomethane	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
2-Butanone	ND		ug/L	50.0	1	04/12/09 08:56	SW846 8260B	9041355
sec-Butylbenzene	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
n-Butylbenzene	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
tert-Butylbenzene	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
Carbon disulfide	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
Carbon Tetrachloride	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
Chlorobenzene	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
Chlorodibromomethane	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
Chloroethane	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
Chloroform	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
Chloromethane	ND		ug/L	1.00	1	04/14/09 18:47	SW846 8260B	9041744
2-Chlorotoluene	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
4-Chlorotoluene	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/12/09 08:56	SW846 8260B	9041355
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
Dibromomethane	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0833-12 (M&A-225 - Water) - cont. Sampled: 04/08/09 10:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/14/09 18:47	SW846 8260B	9041744
1,1-Dichloroethane	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
1,2-Dichloroethane	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
cis-1,2-Dichloroethene	**2.31**		ug/L	1.00	1	04/14/09 18:47	SW846 8260B	9041744
1,1-Dichloroethene	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
1,3-Dichloropropane	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
1,2-Dichloropropane	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
2,2-Dichloropropane	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
1,1-Dichloropropene	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
Ethylbenzene	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
Hexachlorobutadiene	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
2-Hexanone	ND		ug/L	50.0	1	04/12/09 08:56	SW846 8260B	9041355
Isopropylbenzene	ND	L	ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
p-Isopropyltoluene	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
Methylene Chloride	ND		ug/L	5.00	1	04/12/09 08:56	SW846 8260B	9041355
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/12/09 08:56	SW846 8260B	9041355
Naphthalene	ND		ug/L	5.00	1	04/12/09 08:56	SW846 8260B	9041355
n-Propylbenzene	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
Styrene	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
Tetrachloroethene	**2.62**		ug/L	1.00	1	04/14/09 18:47	SW846 8260B	9041744
Toluene	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
Trichloroethene	**103**		ug/L	1.00	1	04/14/09 18:47	SW846 8260B	9041744
Trichlorofluoromethane	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/12/09 08:56	SW846 8260B	9041355
Vinyl chloride	ND		ug/L	1.00	1	04/14/09 18:47	SW846 8260B	9041744
Xylenes, total	ND		ug/L	3.00	1	04/12/09 08:56	SW846 8260B	9041355
Surr: 1,2-Dichloroethane-d4 (60-140%)	*100 %*					*04/12/09 08:56*	*SW846 8260B*	*9041355*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*106 %*					*04/14/09 18:47*	*SW846 8260B*	*9041744*
Surr: Dibromofluoromethane (75-124%)	*96 %*					*04/12/09 08:56*	*SW846 8260B*	*9041355*
Surr: Dibromofluoromethane (75-124%)	*111 %*					*04/14/09 18:47*	*SW846 8260B*	*9041744*
Surr: Toluene-d8 (78-121%)	*102 %*					*04/12/09 08:56*	*SW846 8260B*	*9041355*
Surr: Toluene-d8 (78-121%)	*99 %*					*04/14/09 18:47*	*SW846 8260B*	*9041744*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0833-12 (M&A-225 - Water) - cont. Sampled: 04/08/09 10:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: 4-Bromofluorobenzene (79-124%)	*106 %*					*04/12/09 08:56*	*SW846 8260B*	*9041355*
Surr: 4-Bromofluorobenzene (79-124%)	*109 %*					*04/14/09 18:47*	*SW846 8260B*	*9041744*
Sample ID: NSD0833-13 (M&A-106 - Water) Sampled: 04/07/09 15:00								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/16/09 09:01	SW846 8082	9041826
PCB-1221	ND		ug/L	0.500	1	04/16/09 09:01	SW846 8082	9041826
PCB-1232	ND		ug/L	0.500	1	04/16/09 09:01	SW846 8082	9041826
PCB-1242	ND		ug/L	0.500	1	04/16/09 09:01	SW846 8082	9041826
PCB-1248	ND		ug/L	0.500	1	04/16/09 09:01	SW846 8082	9041826
PCB-1254	ND		ug/L	0.500	1	04/16/09 09:01	SW846 8082	9041826
PCB-1260	ND		ug/L	0.500	1	04/16/09 09:01	SW846 8082	9041826
Surr: Tetrachloro-meta-xylene (29-137%)	*68 %*					*04/16/09 09:01*	*SW846 8082*	*9041826*
Surr: Decachlorobiphenyl (10-146%)	*59 %*					*04/16/09 09:01*	*SW846 8082*	*9041826*
Sample ID: NSD0833-14 (M&A-124 - Water) Sampled: 04/07/09 15:00								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	04/16/09 09:21	SW846 8082	9041826
PCB-1221	ND		ug/L	0.500	1	04/16/09 09:21	SW846 8082	9041826
PCB-1232	ND		ug/L	0.500	1	04/16/09 09:21	SW846 8082	9041826
PCB-1242	ND		ug/L	0.500	1	04/16/09 09:21	SW846 8082	9041826
PCB-1248	ND		ug/L	0.500	1	04/16/09 09:21	SW846 8082	9041826
PCB-1254	ND		ug/L	0.500	1	04/16/09 09:21	SW846 8082	9041826
PCB-1260	ND		ug/L	0.500	1	04/16/09 09:21	SW846 8082	9041826
Surr: Tetrachloro-meta-xylene (29-137%)	*70 %*					*04/16/09 09:21*	*SW846 8082*	*9041826*
Surr: Decachlorobiphenyl (10-146%)	*68 %*					*04/16/09 09:21*	*SW846 8082*	*9041826*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/12/09 09:22	SW846 8260B	9041355
Benzene	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
Bromobenzene	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
Bromochloromethane	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
Bromodichloromethane	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
Bromoform	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
Bromomethane	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
2-Butanone	ND		ug/L	50.0	1	04/12/09 09:22	SW846 8260B	9041355
sec-Butylbenzene	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
n-Butylbenzene	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
tert-Butylbenzene	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
Carbon disulfide	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
Carbon Tetrachloride	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
Chlorobenzene	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
Chlorodibromomethane	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
Chloroethane	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0833-14 (M&A-124 - Water) - cont. Sampled: 04/07/09 15:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
Chloromethane	ND		ug/L	1.00	1	04/14/09 19:12	SW846 8260B	9041744
2-Chlorotoluene	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
4-Chlorotoluene	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/12/09 09:22	SW846 8260B	9041355
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
Dibromomethane	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/14/09 19:12	SW846 8260B	9041744
1,1-Dichloroethane	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
1,2-Dichloroethane	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
cis-1,2-Dichloroethene	**2.19**		ug/L	1.00	1	04/14/09 19:12	SW846 8260B	9041744
1,1-Dichloroethene	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
1,3-Dichloropropane	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
1,2-Dichloropropane	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
2,2-Dichloropropane	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
1,1-Dichloropropene	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
Ethylbenzene	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
Hexachlorobutadiene	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
2-Hexanone	ND		ug/L	50.0	1	04/12/09 09:22	SW846 8260B	9041355
Isopropylbenzene	ND	L	ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
p-Isopropyltoluene	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
Methylene Chloride	ND		ug/L	5.00	1	04/12/09 09:22	SW846 8260B	9041355
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/12/09 09:22	SW846 8260B	9041355
Naphthalene	ND		ug/L	5.00	1	04/12/09 09:22	SW846 8260B	9041355
n-Propylbenzene	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
Styrene	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
Tetrachloroethene	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
Toluene	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
1,1,2-Trichloroethane	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
Trichloroethene	**2.04**		ug/L	1.00	1	04/14/09 19:12	SW846 8260B	9041744
Trichlorofluoromethane	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0833-14 (M&A-124 - Water) - cont. Sampled: 04/07/09 15:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	04/12/09 09:22	SW846 8260B	9041355
Vinyl chloride	ND		ug/L	1.00	1	04/14/09 19:12	SW846 8260B	9041744
Xylenes, total	ND		ug/L	3.00	1	04/12/09 09:22	SW846 8260B	9041355
Surr: 1,2-Dichloroethane-d4 (60-140%)	*102 %*					*04/12/09 09:22*	*SW846 8260B*	*9041355*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*110 %*					*04/14/09 19:12*	*SW846 8260B*	*9041744*
Surr: Dibromofluoromethane (75-124%)	*99 %*					*04/12/09 09:22*	*SW846 8260B*	*9041355*
Surr: Dibromofluoromethane (75-124%)	*115 %*					*04/14/09 19:12*	*SW846 8260B*	*9041744*
Surr: Toluene-d8 (78-121%)	*99 %*					*04/12/09 09:22*	*SW846 8260B*	*9041355*
Surr: Toluene-d8 (78-121%)	*97 %*					*04/14/09 19:12*	*SW846 8260B*	*9041744*
Surr: 4-Bromofluorobenzene (79-124%)	*103 %*					*04/12/09 09:22*	*SW846 8260B*	*9041355*
Surr: 4-Bromofluorobenzene (79-124%)	*104 %*					*04/14/09 19:12*	*SW846 8260B*	*9041744*
Sample ID: NSD0833-15 (Trip Blank - Water) Sampled: 04/07/09 15:00								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	04/14/09 16:14	SW846 8260B	9041744
Benzene	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
Bromobenzene	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
Bromochloromethane	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
Bromodichloromethane	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
Bromoform	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
Bromomethane	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
2-Butanone	ND		ug/L	50.0	1	04/14/09 16:14	SW846 8260B	9041744
sec-Butylbenzene	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
n-Butylbenzene	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
tert-Butylbenzene	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
Carbon disulfide	ND	L	ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
Carbon Tetrachloride	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
Chlorobenzene	ND	L	ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
Chlorodibromomethane	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
Chloroethane	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
Chloroform	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
Chloromethane	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
2-Chlorotoluene	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
4-Chlorotoluene	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	04/14/09 16:14	SW846 8260B	9041744
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
Dibromomethane	ND	L	ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
1,2-Dichlorobenzene	ND	L	ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
Dichlorodifluoromethane	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
1,1-Dichloroethane	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSD0833-15 (Trip Blank - Water) - cont. Sampled: 04/07/09 15:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloroethane	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
1,1-Dichloroethene	ND	L	ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
1,3-Dichloropropane	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
1,2-Dichloropropane	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
2,2-Dichloropropane	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
1,1-Dichloropropene	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
Ethylbenzene	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
Hexachlorobutadiene	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
2-Hexanone	ND		ug/L	50.0	1	04/14/09 16:14	SW846 8260B	9041744
Isopropylbenzene	ND	L	ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
p-Isopropyltoluene	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
Methylene Chloride	ND		ug/L	5.00	1	04/14/09 16:14	SW846 8260B	9041744
4-Methyl-2-pentanone	ND		ug/L	10.0	1	04/14/09 16:14	SW846 8260B	9041744
Naphthalene	ND		ug/L	5.00	1	04/14/09 16:14	SW846 8260B	9041744
n-Propylbenzene	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
Styrene	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
Tetrachloroethene	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
Toluene	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
1,1,2-Trichloroethane	ND	L	ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
1,1,1-Trichloroethane	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
Trichloroethene	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
Trichlorofluoromethane	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
1,2,3-Trichloropropane	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
1,2,4-Trimethylbenzene	ND	L	ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
Vinyl chloride	ND		ug/L	1.00	1	04/14/09 16:14	SW846 8260B	9041744
Xylenes, total	ND		ug/L	3.00	1	04/14/09 16:14	SW846 8260B	9041744
Surr: 1,2-Dichloroethane-d4 (60-140%)	*111 %*					*04/14/09 16:14*	*SW846 8260B*	*9041744*
Surr: Dibromofluoromethane (75-124%)	*107 %*					*04/14/09 16:14*	*SW846 8260B*	*9041744*
Surr: Toluene-d8 (78-121%)	*100 %*					*04/14/09 16:14*	*SW846 8260B*	*9041744*
Surr: 4-Bromofluorobenzene (79-124%)	*104 %*					*04/14/09 16:14*	*SW846 8260B*	*9041744*

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:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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	9041826	NSD0833-13	500.00	2.00	04/14/09 15:30	DXP	EPA 3510C
SW846 8082	9041826	NSD0833-14	500.00	2.00	04/14/09 15:30	DXP	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:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
General Chemistry Parameters						
9042333-BLK1						
Cyanide, Weak Acid Dissociable	<0.00200		mg/L	9042333	9042333-BLK1	04/16/09 18:11
9042334-BLK1						
Cyanide	<0.00300		mg/L	9042334	9042334-BLK1	04/16/09 18:11
Polychlorinated Biphenyls by EPA Method 8082						
9041826-BLK1						
PCB-1016	<0.250		ug/L	9041826	9041826-BLK1	04/16/09 03:35
PCB-1221	<0.450		ug/L	9041826	9041826-BLK1	04/16/09 03:35
PCB-1232	<0.440		ug/L	9041826	9041826-BLK1	04/16/09 03:35
PCB-1242	<0.330		ug/L	9041826	9041826-BLK1	04/16/09 03:35
PCB-1248	<0.450		ug/L	9041826	9041826-BLK1	04/16/09 03:35
PCB-1254	<0.460		ug/L	9041826	9041826-BLK1	04/16/09 03:35
PCB-1260	<0.220		ug/L	9041826	9041826-BLK1	04/16/09 03:35
Surrogate: Tetrachloro-meta-xylene	76%			9041826	9041826-BLK1	04/16/09 03:35
Surrogate: Decachlorobiphenyl	74%			9041826	9041826-BLK1	04/16/09 03:35
Volatile Organic Compounds by EPA Method 8260B						
9041068-BLK1						
Acetone	<25.0		ug/L	9041068	9041068-BLK1	04/14/09 12:56
Benzene	<0.270		ug/L	9041068	9041068-BLK1	04/14/09 12:56
Bromobenzene	<0.360		ug/L	9041068	9041068-BLK1	04/14/09 12:56
Bromochloromethane	<0.400		ug/L	9041068	9041068-BLK1	04/14/09 12:56
Bromodichloromethane	<0.350		ug/L	9041068	9041068-BLK1	04/14/09 12:56
Bromoform	<0.430		ug/L	9041068	9041068-BLK1	04/14/09 12:56
Bromomethane	<0.420		ug/L	9041068	9041068-BLK1	04/14/09 12:56
2-Butanone	<2.40		ug/L	9041068	9041068-BLK1	04/14/09 12:56
sec-Butylbenzene	<0.140		ug/L	9041068	9041068-BLK1	04/14/09 12:56
n-Butylbenzene	<0.280		ug/L	9041068	9041068-BLK1	04/14/09 12:56
tert-Butylbenzene	<0.330		ug/L	9041068	9041068-BLK1	04/14/09 12:56
Carbon disulfide	<0.380		ug/L	9041068	9041068-BLK1	04/14/09 12:56
Carbon Tetrachloride	<0.350		ug/L	9041068	9041068-BLK1	04/14/09 12:56
Chlorobenzene	<0.180		ug/L	9041068	9041068-BLK1	04/14/09 12:56
Chlorodibromomethane	<0.280		ug/L	9041068	9041068-BLK1	04/14/09 12:56
Chloroethane	<0.450		ug/L	9041068	9041068-BLK1	04/14/09 12:56
Chloroform	<0.280		ug/L	9041068	9041068-BLK1	04/14/09 12:56
Chloromethane	<0.380		ug/L	9041068	9041068-BLK1	04/14/09 12:56
2-Chlorotoluene	<0.300		ug/L	9041068	9041068-BLK1	04/14/09 12:56
4-Chlorotoluene	<0.330		ug/L	9041068	9041068-BLK1	04/14/09 12:56
1,2-Dibromo-3-chloropropane	<0.860		ug/L	9041068	9041068-BLK1	04/14/09 12:56
1,2-Dibromoethane (EDB)	<0.390		ug/L	9041068	9041068-BLK1	04/14/09 12:56

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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						
9041068-BLK1						
Dibromomethane	<0.350		ug/L	9041068	9041068-BLK1	04/14/09 12:56
1,4-Dichlorobenzene	<0.380		ug/L	9041068	9041068-BLK1	04/14/09 12:56
1,3-Dichlorobenzene	<0.350		ug/L	9041068	9041068-BLK1	04/14/09 12:56
1,2-Dichlorobenzene	<0.500		ug/L	9041068	9041068-BLK1	04/14/09 12:56
Dichlorodifluoromethane	<0.460		ug/L	9041068	9041068-BLK1	04/14/09 12:56
1,1-Dichloroethane	<0.540		ug/L	9041068	9041068-BLK1	04/14/09 12:56
1,2-Dichloroethane	<0.370		ug/L	9041068	9041068-BLK1	04/14/09 12:56
cis-1,2-Dichloroethene	<0.390		ug/L	9041068	9041068-BLK1	04/14/09 12:56
1,1-Dichloroethene	<0.340		ug/L	9041068	9041068-BLK1	04/14/09 12:56
trans-1,2-Dichloroethene	<0.470		ug/L	9041068	9041068-BLK1	04/14/09 12:56
1,3-Dichloropropane	<0.290		ug/L	9041068	9041068-BLK1	04/14/09 12:56
1,2-Dichloropropane	<0.320		ug/L	9041068	9041068-BLK1	04/14/09 12:56
2,2-Dichloropropane	<0.420		ug/L	9041068	9041068-BLK1	04/14/09 12:56
cis-1,3-Dichloropropene	<0.290		ug/L	9041068	9041068-BLK1	04/14/09 12:56
trans-1,3-Dichloropropene	<0.330		ug/L	9041068	9041068-BLK1	04/14/09 12:56
1,1-Dichloropropene	<0.310		ug/L	9041068	9041068-BLK1	04/14/09 12:56
Ethylbenzene	<0.240		ug/L	9041068	9041068-BLK1	04/14/09 12:56
Hexachlorobutadiene	<0.910		ug/L	9041068	9041068-BLK1	04/14/09 12:56
2-Hexanone	<16.7		ug/L	9041068	9041068-BLK1	04/14/09 12:56
Isopropylbenzene	<0.300		ug/L	9041068	9041068-BLK1	04/14/09 12:56
p-Isopropyltoluene	<0.220		ug/L	9041068	9041068-BLK1	04/14/09 12:56
Methyl tert-Butyl Ether	<0.420		ug/L	9041068	9041068-BLK1	04/14/09 12:56
Methylene Chloride	<0.830		ug/L	9041068	9041068-BLK1	04/14/09 12:56
4-Methyl-2-pentanone	<3.49		ug/L	9041068	9041068-BLK1	04/14/09 12:56
Naphthalene	<0.540		ug/L	9041068	9041068-BLK1	04/14/09 12:56
n-Propylbenzene	<0.290		ug/L	9041068	9041068-BLK1	04/14/09 12:56
Styrene	<0.330		ug/L	9041068	9041068-BLK1	04/14/09 12:56
1,1,1,2-Tetrachloroethane	<0.290		ug/L	9041068	9041068-BLK1	04/14/09 12:56
1,1,2,2-Tetrachloroethane	<0.290		ug/L	9041068	9041068-BLK1	04/14/09 12:56
Tetrachloroethene	<0.230		ug/L	9041068	9041068-BLK1	04/14/09 12:56
Toluene	1.66	B	ug/L	9041068	9041068-BLK1	04/14/09 12:56
1,2,3-Trichlorobenzene	<0.940		ug/L	9041068	9041068-BLK1	04/14/09 12:56
1,2,4-Trichlorobenzene	<0.500		ug/L	9041068	9041068-BLK1	04/14/09 12:56
1,1,2-Trichloroethane	<0.400		ug/L	9041068	9041068-BLK1	04/14/09 12:56
1,1,1-Trichloroethane	<0.370		ug/L	9041068	9041068-BLK1	04/14/09 12:56
Trichloroethene	<0.230		ug/L	9041068	9041068-BLK1	04/14/09 12:56
Trichlorofluoromethane	<0.350		ug/L	9041068	9041068-BLK1	04/14/09 12:56
1,2,3-Trichloropropane	<0.290		ug/L	9041068	9041068-BLK1	04/14/09 12:56
1,3,5-Trimethylbenzene	<0.160		ug/L	9041068	9041068-BLK1	04/14/09 12:56
1,2,4-Trimethylbenzene	<0.170		ug/L	9041068	9041068-BLK1	04/14/09 12:56
Vinyl chloride	<0.290		ug/L	9041068	9041068-BLK1	04/14/09 12:56

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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						
9041068-BLK1						
Xylenes, total	<0.860		ug/L	9041068	9041068-BLK1	04/14/09 12:56
Surrogate: 1,2-Dichloroethane-d4	94%			9041068	9041068-BLK1	04/14/09 12:56
Surrogate: Dibromofluoromethane	95%			9041068	9041068-BLK1	04/14/09 12:56
Surrogate: Toluene-d8	108%			9041068	9041068-BLK1	04/14/09 12:56
Surrogate: 4-Bromofluorobenzene	103%			9041068	9041068-BLK1	04/14/09 12:56
9041355-BLK1						
Acetone	<25.0		ug/L	9041355	9041355-BLK1	04/12/09 01:19
Benzene	<0.270		ug/L	9041355	9041355-BLK1	04/12/09 01:19
Bromobenzene	<0.360		ug/L	9041355	9041355-BLK1	04/12/09 01:19
Bromochloromethane	<0.400		ug/L	9041355	9041355-BLK1	04/12/09 01:19
Bromodichloromethane	<0.350		ug/L	9041355	9041355-BLK1	04/12/09 01:19
Bromoform	<0.430		ug/L	9041355	9041355-BLK1	04/12/09 01:19
Bromomethane	<0.420		ug/L	9041355	9041355-BLK1	04/12/09 01:19
2-Butanone	<2.40		ug/L	9041355	9041355-BLK1	04/12/09 01:19
sec-Butylbenzene	<0.140		ug/L	9041355	9041355-BLK1	04/12/09 01:19
n-Butylbenzene	<0.280		ug/L	9041355	9041355-BLK1	04/12/09 01:19
tert-Butylbenzene	<0.330		ug/L	9041355	9041355-BLK1	04/12/09 01:19
Carbon disulfide	<0.380		ug/L	9041355	9041355-BLK1	04/12/09 01:19
Carbon Tetrachloride	<0.350		ug/L	9041355	9041355-BLK1	04/12/09 01:19
Chlorobenzene	<0.180		ug/L	9041355	9041355-BLK1	04/12/09 01:19
Chlorodibromomethane	<0.280		ug/L	9041355	9041355-BLK1	04/12/09 01:19
Chloroethane	<0.450		ug/L	9041355	9041355-BLK1	04/12/09 01:19
Chloroform	<0.280		ug/L	9041355	9041355-BLK1	04/12/09 01:19
Chloromethane	<0.380		ug/L	9041355	9041355-BLK1	04/12/09 01:19
2-Chlorotoluene	<0.300		ug/L	9041355	9041355-BLK1	04/12/09 01:19
4-Chlorotoluene	<0.330		ug/L	9041355	9041355-BLK1	04/12/09 01:19
1,2-Dibromo-3-chloropropane	<0.860		ug/L	9041355	9041355-BLK1	04/12/09 01:19
1,2-Dibromoethane (EDB)	<0.390		ug/L	9041355	9041355-BLK1	04/12/09 01:19
Dibromomethane	<0.350		ug/L	9041355	9041355-BLK1	04/12/09 01:19
1,4-Dichlorobenzene	<0.380		ug/L	9041355	9041355-BLK1	04/12/09 01:19
1,3-Dichlorobenzene	<0.350		ug/L	9041355	9041355-BLK1	04/12/09 01:19
1,2-Dichlorobenzene	<0.500		ug/L	9041355	9041355-BLK1	04/12/09 01:19
Dichlorodifluoromethane	<0.460		ug/L	9041355	9041355-BLK1	04/12/09 01:19
1,1-Dichloroethane	<0.540		ug/L	9041355	9041355-BLK1	04/12/09 01:19
1,2-Dichloroethane	<0.370		ug/L	9041355	9041355-BLK1	04/12/09 01:19
cis-1,2-Dichloroethene	<0.390		ug/L	9041355	9041355-BLK1	04/12/09 01:19
1,1-Dichloroethene	<0.340		ug/L	9041355	9041355-BLK1	04/12/09 01:19
trans-1,2-Dichloroethene	<0.470		ug/L	9041355	9041355-BLK1	04/12/09 01:19
1,3-Dichloropropane	<0.290		ug/L	9041355	9041355-BLK1	04/12/09 01:19
1,2-Dichloropropane	<0.320		ug/L	9041355	9041355-BLK1	04/12/09 01:19

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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						
9041355-BLK1						
2,2-Dichloropropane	<0.420		ug/L	9041355	9041355-BLK1	04/12/09 01:19
cis-1,3-Dichloropropene	<0.290		ug/L	9041355	9041355-BLK1	04/12/09 01:19
trans-1,3-Dichloropropene	<0.330		ug/L	9041355	9041355-BLK1	04/12/09 01:19
1,1-Dichloropropene	<0.310		ug/L	9041355	9041355-BLK1	04/12/09 01:19
Ethylbenzene	<0.240		ug/L	9041355	9041355-BLK1	04/12/09 01:19
Hexachlorobutadiene	<0.910		ug/L	9041355	9041355-BLK1	04/12/09 01:19
2-Hexanone	<16.7		ug/L	9041355	9041355-BLK1	04/12/09 01:19
Isopropylbenzene	<0.300		ug/L	9041355	9041355-BLK1	04/12/09 01:19
p-Isopropyltoluene	<0.220		ug/L	9041355	9041355-BLK1	04/12/09 01:19
Methyl tert-Butyl Ether	<0.420		ug/L	9041355	9041355-BLK1	04/12/09 01:19
Methylene Chloride	1.13		ug/L	9041355	9041355-BLK1	04/12/09 01:19
4-Methyl-2-pentanone	<3.49		ug/L	9041355	9041355-BLK1	04/12/09 01:19
Naphthalene	<0.540		ug/L	9041355	9041355-BLK1	04/12/09 01:19
n-Propylbenzene	<0.290		ug/L	9041355	9041355-BLK1	04/12/09 01:19
Styrene	<0.330		ug/L	9041355	9041355-BLK1	04/12/09 01:19
1,1,1,2-Tetrachloroethane	<0.290		ug/L	9041355	9041355-BLK1	04/12/09 01:19
1,1,2,2-Tetrachloroethane	<0.290		ug/L	9041355	9041355-BLK1	04/12/09 01:19
Tetrachloroethene	<0.230		ug/L	9041355	9041355-BLK1	04/12/09 01:19
Toluene	<0.280		ug/L	9041355	9041355-BLK1	04/12/09 01:19
1,2,3-Trichlorobenzene	<0.940		ug/L	9041355	9041355-BLK1	04/12/09 01:19
1,2,4-Trichlorobenzene	<0.500		ug/L	9041355	9041355-BLK1	04/12/09 01:19
1,1,2-Trichloroethane	<0.400		ug/L	9041355	9041355-BLK1	04/12/09 01:19
1,1,1-Trichloroethane	<0.370		ug/L	9041355	9041355-BLK1	04/12/09 01:19
Trichloroethene	<0.230		ug/L	9041355	9041355-BLK1	04/12/09 01:19
Trichlorofluoromethane	<0.350		ug/L	9041355	9041355-BLK1	04/12/09 01:19
1,2,3-Trichloropropane	<0.290		ug/L	9041355	9041355-BLK1	04/12/09 01:19
1,3,5-Trimethylbenzene	<0.160		ug/L	9041355	9041355-BLK1	04/12/09 01:19
1,2,4-Trimethylbenzene	<0.170		ug/L	9041355	9041355-BLK1	04/12/09 01:19
Vinyl chloride	<0.290		ug/L	9041355	9041355-BLK1	04/12/09 01:19
Xylenes, total	<0.860		ug/L	9041355	9041355-BLK1	04/12/09 01:19
Surrogate: 1,2-Dichloroethane-d4	103%			9041355	9041355-BLK1	04/12/09 01:19
Surrogate: Dibromofluoromethane	106%			9041355	9041355-BLK1	04/12/09 01:19
Surrogate: Toluene-d8	99%			9041355	9041355-BLK1	04/12/09 01:19
Surrogate: 4-Bromofluorobenzene	106%			9041355	9041355-BLK1	04/12/09 01:19
9041744-BLK1						
Acetone	<25.0		ug/L	9041744	9041744-BLK1	04/14/09 15:47
Benzene	<0.270		ug/L	9041744	9041744-BLK1	04/14/09 15:47
Bromobenzene	<0.360		ug/L	9041744	9041744-BLK1	04/14/09 15:47
Bromochloromethane	<0.400		ug/L	9041744	9041744-BLK1	04/14/09 15:47
Bromodichloromethane	<0.350		ug/L	9041744	9041744-BLK1	04/14/09 15:47

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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						
9041744-BLK1						
Bromoform	<0.430		ug/L	9041744	9041744-BLK1	04/14/09 15:47
Bromomethane	<0.420		ug/L	9041744	9041744-BLK1	04/14/09 15:47
2-Butanone	<2.40		ug/L	9041744	9041744-BLK1	04/14/09 15:47
sec-Butylbenzene	<0.140		ug/L	9041744	9041744-BLK1	04/14/09 15:47
n-Butylbenzene	<0.280		ug/L	9041744	9041744-BLK1	04/14/09 15:47
tert-Butylbenzene	<0.330		ug/L	9041744	9041744-BLK1	04/14/09 15:47
Carbon disulfide	<0.380		ug/L	9041744	9041744-BLK1	04/14/09 15:47
Carbon Tetrachloride	<0.350		ug/L	9041744	9041744-BLK1	04/14/09 15:47
Chlorobenzene	<0.180		ug/L	9041744	9041744-BLK1	04/14/09 15:47
Chlorodibromomethane	<0.280		ug/L	9041744	9041744-BLK1	04/14/09 15:47
Chloroethane	<0.450		ug/L	9041744	9041744-BLK1	04/14/09 15:47
Chloroform	<0.280		ug/L	9041744	9041744-BLK1	04/14/09 15:47
Chloromethane	<0.380		ug/L	9041744	9041744-BLK1	04/14/09 15:47
2-Chlorotoluene	<0.300		ug/L	9041744	9041744-BLK1	04/14/09 15:47
4-Chlorotoluene	<0.330		ug/L	9041744	9041744-BLK1	04/14/09 15:47
1,2-Dibromo-3-chloropropane	<0.860		ug/L	9041744	9041744-BLK1	04/14/09 15:47
1,2-Dibromoethane (EDB)	<0.390		ug/L	9041744	9041744-BLK1	04/14/09 15:47
Dibromomethane	<0.350		ug/L	9041744	9041744-BLK1	04/14/09 15:47
1,4-Dichlorobenzene	<0.380		ug/L	9041744	9041744-BLK1	04/14/09 15:47
1,3-Dichlorobenzene	<0.350		ug/L	9041744	9041744-BLK1	04/14/09 15:47
1,2-Dichlorobenzene	<0.500		ug/L	9041744	9041744-BLK1	04/14/09 15:47
Dichlorodifluoromethane	<0.460		ug/L	9041744	9041744-BLK1	04/14/09 15:47
1,1-Dichloroethane	<0.540		ug/L	9041744	9041744-BLK1	04/14/09 15:47
1,2-Dichloroethane	<0.370		ug/L	9041744	9041744-BLK1	04/14/09 15:47
cis-1,2-Dichloroethene	<0.390		ug/L	9041744	9041744-BLK1	04/14/09 15:47
1,1-Dichloroethene	<0.340		ug/L	9041744	9041744-BLK1	04/14/09 15:47
trans-1,2-Dichloroethene	<0.470		ug/L	9041744	9041744-BLK1	04/14/09 15:47
1,3-Dichloropropane	<0.290		ug/L	9041744	9041744-BLK1	04/14/09 15:47
1,2-Dichloropropane	<0.320		ug/L	9041744	9041744-BLK1	04/14/09 15:47
2,2-Dichloropropane	<0.420		ug/L	9041744	9041744-BLK1	04/14/09 15:47
cis-1,3-Dichloropropene	<0.290		ug/L	9041744	9041744-BLK1	04/14/09 15:47
trans-1,3-Dichloropropene	<0.330		ug/L	9041744	9041744-BLK1	04/14/09 15:47
1,1-Dichloropropene	<0.310		ug/L	9041744	9041744-BLK1	04/14/09 15:47
Ethylbenzene	<0.240		ug/L	9041744	9041744-BLK1	04/14/09 15:47
Hexachlorobutadiene	<0.910		ug/L	9041744	9041744-BLK1	04/14/09 15:47
2-Hexanone	<16.7		ug/L	9041744	9041744-BLK1	04/14/09 15:47
Isopropylbenzene	<0.300		ug/L	9041744	9041744-BLK1	04/14/09 15:47
p-Isopropyltoluene	<0.220		ug/L	9041744	9041744-BLK1	04/14/09 15:47
Methyl tert-Butyl Ether	<0.420		ug/L	9041744	9041744-BLK1	04/14/09 15:47
Methylene Chloride	1.17		ug/L	9041744	9041744-BLK1	04/14/09 15:47
4-Methyl-2-pentanone	<3.49		ug/L	9041744	9041744-BLK1	04/14/09 15:47

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:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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						
9041744-BLK1						
Naphthalene	<0.540		ug/L	9041744	9041744-BLK1	04/14/09 15:47
n-Propylbenzene	<0.290		ug/L	9041744	9041744-BLK1	04/14/09 15:47
Styrene	<0.330		ug/L	9041744	9041744-BLK1	04/14/09 15:47
1,1,1,2-Tetrachloroethane	<0.290		ug/L	9041744	9041744-BLK1	04/14/09 15:47
1,1,2,2-Tetrachloroethane	<0.290		ug/L	9041744	9041744-BLK1	04/14/09 15:47
Tetrachloroethene	<0.230		ug/L	9041744	9041744-BLK1	04/14/09 15:47
Toluene	<0.280		ug/L	9041744	9041744-BLK1	04/14/09 15:47
1,2,3-Trichlorobenzene	<0.940		ug/L	9041744	9041744-BLK1	04/14/09 15:47
1,2,4-Trichlorobenzene	<0.500		ug/L	9041744	9041744-BLK1	04/14/09 15:47
1,1,2-Trichloroethane	<0.400		ug/L	9041744	9041744-BLK1	04/14/09 15:47
1,1,1-Trichloroethane	<0.370		ug/L	9041744	9041744-BLK1	04/14/09 15:47
Trichloroethene	<0.230		ug/L	9041744	9041744-BLK1	04/14/09 15:47
Trichlorofluoromethane	<0.350		ug/L	9041744	9041744-BLK1	04/14/09 15:47
1,2,3-Trichloropropane	<0.290		ug/L	9041744	9041744-BLK1	04/14/09 15:47
1,3,5-Trimethylbenzene	<0.160		ug/L	9041744	9041744-BLK1	04/14/09 15:47
1,2,4-Trimethylbenzene	<0.170		ug/L	9041744	9041744-BLK1	04/14/09 15:47
Vinyl chloride	<0.290		ug/L	9041744	9041744-BLK1	04/14/09 15:47
Xylenes, total	<0.860		ug/L	9041744	9041744-BLK1	04/14/09 15:47
Surrogate: 1,2-Dichloroethane-d4	107%			9041744	9041744-BLK1	04/14/09 15:47
Surrogate: Dibromofluoromethane	105%			9041744	9041744-BLK1	04/14/09 15:47
Surrogate: Toluene-d8	100%			9041744	9041744-BLK1	04/14/09 15:47
Surrogate: 4-Bromofluorobenzene	109%			9041744	9041744-BLK1	04/14/09 15:47
9041759-BLK1						
Acetone	<25.0		ug/L	9041759	9041759-BLK1	04/13/09 05:20
Benzene	<0.270		ug/L	9041759	9041759-BLK1	04/13/09 05:20
Bromobenzene	<0.360		ug/L	9041759	9041759-BLK1	04/13/09 05:20
Bromochloromethane	<0.400		ug/L	9041759	9041759-BLK1	04/13/09 05:20
Bromodichloromethane	<0.350		ug/L	9041759	9041759-BLK1	04/13/09 05:20
Bromoform	<0.430		ug/L	9041759	9041759-BLK1	04/13/09 05:20
Bromomethane	<0.420		ug/L	9041759	9041759-BLK1	04/13/09 05:20
2-Butanone	<2.40		ug/L	9041759	9041759-BLK1	04/13/09 05:20
sec-Butylbenzene	<0.140		ug/L	9041759	9041759-BLK1	04/13/09 05:20
n-Butylbenzene	<0.280		ug/L	9041759	9041759-BLK1	04/13/09 05:20
tert-Butylbenzene	<0.330		ug/L	9041759	9041759-BLK1	04/13/09 05:20
Carbon disulfide	<0.380		ug/L	9041759	9041759-BLK1	04/13/09 05:20
Carbon Tetrachloride	<0.350		ug/L	9041759	9041759-BLK1	04/13/09 05:20
Chlorobenzene	<0.180		ug/L	9041759	9041759-BLK1	04/13/09 05:20
Chlorodibromomethane	<0.280		ug/L	9041759	9041759-BLK1	04/13/09 05:20
Chloroethane	<0.450		ug/L	9041759	9041759-BLK1	04/13/09 05:20
Chloroform	<0.280		ug/L	9041759	9041759-BLK1	04/13/09 05:20

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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						
9041759-BLK1						
Chloromethane	<0.380		ug/L	9041759	9041759-BLK1	04/13/09 05:20
2-Chlorotoluene	<0.300		ug/L	9041759	9041759-BLK1	04/13/09 05:20
4-Chlorotoluene	<0.330		ug/L	9041759	9041759-BLK1	04/13/09 05:20
1,2-Dibromo-3-chloropropane	<0.860		ug/L	9041759	9041759-BLK1	04/13/09 05:20
1,2-Dibromoethane (EDB)	<0.390		ug/L	9041759	9041759-BLK1	04/13/09 05:20
Dibromomethane	<0.350		ug/L	9041759	9041759-BLK1	04/13/09 05:20
1,4-Dichlorobenzene	<0.380		ug/L	9041759	9041759-BLK1	04/13/09 05:20
1,3-Dichlorobenzene	<0.350		ug/L	9041759	9041759-BLK1	04/13/09 05:20
1,2-Dichlorobenzene	<0.500		ug/L	9041759	9041759-BLK1	04/13/09 05:20
Dichlorodifluoromethane	<0.460		ug/L	9041759	9041759-BLK1	04/13/09 05:20
1,1-Dichloroethane	<0.540		ug/L	9041759	9041759-BLK1	04/13/09 05:20
1,2-Dichloroethane	<0.370		ug/L	9041759	9041759-BLK1	04/13/09 05:20
cis-1,2-Dichloroethene	<0.390		ug/L	9041759	9041759-BLK1	04/13/09 05:20
1,1-Dichloroethene	<0.340		ug/L	9041759	9041759-BLK1	04/13/09 05:20
trans-1,2-Dichloroethene	<0.470		ug/L	9041759	9041759-BLK1	04/13/09 05:20
1,3-Dichloropropane	<0.290		ug/L	9041759	9041759-BLK1	04/13/09 05:20
1,2-Dichloropropane	<0.320		ug/L	9041759	9041759-BLK1	04/13/09 05:20
2,2-Dichloropropane	<0.420		ug/L	9041759	9041759-BLK1	04/13/09 05:20
cis-1,3-Dichloropropene	<0.290		ug/L	9041759	9041759-BLK1	04/13/09 05:20
trans-1,3-Dichloropropene	<0.330		ug/L	9041759	9041759-BLK1	04/13/09 05:20
1,1-Dichloropropene	<0.310		ug/L	9041759	9041759-BLK1	04/13/09 05:20
Ethylbenzene	<0.240		ug/L	9041759	9041759-BLK1	04/13/09 05:20
Hexachlorobutadiene	<0.910		ug/L	9041759	9041759-BLK1	04/13/09 05:20
2-Hexanone	<16.7		ug/L	9041759	9041759-BLK1	04/13/09 05:20
Isopropylbenzene	<0.300		ug/L	9041759	9041759-BLK1	04/13/09 05:20
p-Isopropyltoluene	<0.220		ug/L	9041759	9041759-BLK1	04/13/09 05:20
Methyl tert-Butyl Ether	<0.420		ug/L	9041759	9041759-BLK1	04/13/09 05:20
Methylene Chloride	<0.830		ug/L	9041759	9041759-BLK1	04/13/09 05:20
4-Methyl-2-pentanone	<3.49		ug/L	9041759	9041759-BLK1	04/13/09 05:20
Naphthalene	<0.540		ug/L	9041759	9041759-BLK1	04/13/09 05:20
n-Propylbenzene	<0.290		ug/L	9041759	9041759-BLK1	04/13/09 05:20
Styrene	<0.330		ug/L	9041759	9041759-BLK1	04/13/09 05:20
1,1,1,2-Tetrachloroethane	<0.290		ug/L	9041759	9041759-BLK1	04/13/09 05:20
1,1,2,2-Tetrachloroethane	<0.290		ug/L	9041759	9041759-BLK1	04/13/09 05:20
Tetrachloroethene	<0.230		ug/L	9041759	9041759-BLK1	04/13/09 05:20
Toluene	<0.280		ug/L	9041759	9041759-BLK1	04/13/09 05:20
1,2,3-Trichlorobenzene	<0.940		ug/L	9041759	9041759-BLK1	04/13/09 05:20
1,2,4-Trichlorobenzene	<0.500		ug/L	9041759	9041759-BLK1	04/13/09 05:20
1,1,2-Trichloroethane	<0.400		ug/L	9041759	9041759-BLK1	04/13/09 05:20
1,1,1-Trichloroethane	<0.370		ug/L	9041759	9041759-BLK1	04/13/09 05:20
Trichloroethene	<0.230		ug/L	9041759	9041759-BLK1	04/13/09 05:20

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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						
9041759-BLK1						
Trichlorofluoromethane	<0.350		ug/L	9041759	9041759-BLK1	04/13/09 05:20
1,2,3-Trichloropropane	<0.290		ug/L	9041759	9041759-BLK1	04/13/09 05:20
1,3,5-Trimethylbenzene	<0.160		ug/L	9041759	9041759-BLK1	04/13/09 05:20
1,2,4-Trimethylbenzene	<0.170		ug/L	9041759	9041759-BLK1	04/13/09 05:20
Vinyl chloride	<0.290		ug/L	9041759	9041759-BLK1	04/13/09 05:20
Xylenes, total	<0.860		ug/L	9041759	9041759-BLK1	04/13/09 05:20
Surrogate: 1,2-Dichloroethane-d4	93%			9041759	9041759-BLK1	04/13/09 05:20
Surrogate: Dibromofluoromethane	94%			9041759	9041759-BLK1	04/13/09 05:20
Surrogate: Toluene-d8	109%			9041759	9041759-BLK1	04/13/09 05:20
Surrogate: 4-Bromofluorobenzene	101%			9041759	9041759-BLK1	04/13/09 05:20
9042243-BLK1						
Acetone	<25.0		ug/L	9042243	9042243-BLK1	04/12/09 18:51
Benzene	<0.270		ug/L	9042243	9042243-BLK1	04/12/09 18:51
Bromobenzene	<0.360		ug/L	9042243	9042243-BLK1	04/12/09 18:51
Bromochloromethane	<0.400		ug/L	9042243	9042243-BLK1	04/12/09 18:51
Bromodichloromethane	<0.350		ug/L	9042243	9042243-BLK1	04/12/09 18:51
Bromoform	<0.430		ug/L	9042243	9042243-BLK1	04/12/09 18:51
Bromomethane	<0.420		ug/L	9042243	9042243-BLK1	04/12/09 18:51
2-Butanone	<2.40		ug/L	9042243	9042243-BLK1	04/12/09 18:51
sec-Butylbenzene	<0.140		ug/L	9042243	9042243-BLK1	04/12/09 18:51
n-Butylbenzene	<0.280		ug/L	9042243	9042243-BLK1	04/12/09 18:51
tert-Butylbenzene	<0.330		ug/L	9042243	9042243-BLK1	04/12/09 18:51
Carbon disulfide	<0.380		ug/L	9042243	9042243-BLK1	04/12/09 18:51
Carbon Tetrachloride	<0.350		ug/L	9042243	9042243-BLK1	04/12/09 18:51
Chlorobenzene	<0.180		ug/L	9042243	9042243-BLK1	04/12/09 18:51
Chlorodibromomethane	<0.280		ug/L	9042243	9042243-BLK1	04/12/09 18:51
Chloroethane	<0.450		ug/L	9042243	9042243-BLK1	04/12/09 18:51
Chloroform	<0.280		ug/L	9042243	9042243-BLK1	04/12/09 18:51
Chloromethane	<0.380		ug/L	9042243	9042243-BLK1	04/12/09 18:51
2-Chlorotoluene	<0.300		ug/L	9042243	9042243-BLK1	04/12/09 18:51
4-Chlorotoluene	<0.330		ug/L	9042243	9042243-BLK1	04/12/09 18:51
1,2-Dibromo-3-chloropropane	<0.860		ug/L	9042243	9042243-BLK1	04/12/09 18:51
1,2-Dibromoethane (EDB)	<0.390		ug/L	9042243	9042243-BLK1	04/12/09 18:51
Dibromomethane	<0.350		ug/L	9042243	9042243-BLK1	04/12/09 18:51
1,4-Dichlorobenzene	<0.380		ug/L	9042243	9042243-BLK1	04/12/09 18:51
1,3-Dichlorobenzene	<0.350		ug/L	9042243	9042243-BLK1	04/12/09 18:51
1,2-Dichlorobenzene	<0.500		ug/L	9042243	9042243-BLK1	04/12/09 18:51
Dichlorodifluoromethane	<0.460		ug/L	9042243	9042243-BLK1	04/12/09 18:51
1,1-Dichloroethane	<0.540		ug/L	9042243	9042243-BLK1	04/12/09 18:51
1,2-Dichloroethane	<0.370		ug/L	9042243	9042243-BLK1	04/12/09 18:51

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:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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						
9042243-BLK1						
cis-1,2-Dichloroethene	<0.390		ug/L	9042243	9042243-BLK1	04/12/09 18:51
1,1-Dichloroethene	<0.340		ug/L	9042243	9042243-BLK1	04/12/09 18:51
trans-1,2-Dichloroethene	<0.470		ug/L	9042243	9042243-BLK1	04/12/09 18:51
1,3-Dichloropropane	<0.290		ug/L	9042243	9042243-BLK1	04/12/09 18:51
1,2-Dichloropropane	<0.320		ug/L	9042243	9042243-BLK1	04/12/09 18:51
2,2-Dichloropropane	<0.420		ug/L	9042243	9042243-BLK1	04/12/09 18:51
cis-1,3-Dichloropropene	<0.290		ug/L	9042243	9042243-BLK1	04/12/09 18:51
trans-1,3-Dichloropropene	<0.330		ug/L	9042243	9042243-BLK1	04/12/09 18:51
1,1-Dichloropropene	<0.310		ug/L	9042243	9042243-BLK1	04/12/09 18:51
Ethylbenzene	<0.240		ug/L	9042243	9042243-BLK1	04/12/09 18:51
Hexachlorobutadiene	<0.910		ug/L	9042243	9042243-BLK1	04/12/09 18:51
2-Hexanone	<16.7		ug/L	9042243	9042243-BLK1	04/12/09 18:51
Isopropylbenzene	<0.300		ug/L	9042243	9042243-BLK1	04/12/09 18:51
p-Isopropyltoluene	<0.220		ug/L	9042243	9042243-BLK1	04/12/09 18:51
Methyl tert-Butyl Ether	<0.420		ug/L	9042243	9042243-BLK1	04/12/09 18:51
Methylene Chloride	<0.830		ug/L	9042243	9042243-BLK1	04/12/09 18:51
4-Methyl-2-pentanone	<3.49		ug/L	9042243	9042243-BLK1	04/12/09 18:51
Naphthalene	<0.540		ug/L	9042243	9042243-BLK1	04/12/09 18:51
n-Propylbenzene	<0.290		ug/L	9042243	9042243-BLK1	04/12/09 18:51
Styrene	<0.330		ug/L	9042243	9042243-BLK1	04/12/09 18:51
1,1,1,2-Tetrachloroethane	<0.290		ug/L	9042243	9042243-BLK1	04/12/09 18:51
1,1,2,2-Tetrachloroethane	<0.290		ug/L	9042243	9042243-BLK1	04/12/09 18:51
Tetrachloroethene	<0.230		ug/L	9042243	9042243-BLK1	04/12/09 18:51
Toluene	<0.280		ug/L	9042243	9042243-BLK1	04/12/09 18:51
1,2,3-Trichlorobenzene	<0.940		ug/L	9042243	9042243-BLK1	04/12/09 18:51
1,2,4-Trichlorobenzene	<0.500		ug/L	9042243	9042243-BLK1	04/12/09 18:51
1,1,2-Trichloroethane	<0.400		ug/L	9042243	9042243-BLK1	04/12/09 18:51
1,1,1-Trichloroethane	<0.370		ug/L	9042243	9042243-BLK1	04/12/09 18:51
Trichloroethene	<0.230		ug/L	9042243	9042243-BLK1	04/12/09 18:51
Trichlorofluoromethane	<0.350		ug/L	9042243	9042243-BLK1	04/12/09 18:51
1,2,3-Trichloropropane	<0.290		ug/L	9042243	9042243-BLK1	04/12/09 18:51
1,3,5-Trimethylbenzene	<0.160		ug/L	9042243	9042243-BLK1	04/12/09 18:51
1,2,4-Trimethylbenzene	<0.170		ug/L	9042243	9042243-BLK1	04/12/09 18:51
Vinyl chloride	<0.290		ug/L	9042243	9042243-BLK1	04/12/09 18:51
Xylenes, total	<0.860		ug/L	9042243	9042243-BLK1	04/12/09 18:51
Surrogate: 1,2-Dichloroethane-d4	93%			9042243	9042243-BLK1	04/12/09 18:51
Surrogate: Dibromofluoromethane	93%			9042243	9042243-BLK1	04/12/09 18:51
Surrogate: Toluene-d8	111%			9042243	9042243-BLK1	04/12/09 18:51
Surrogate: 4-Bromofluorobenzene	101%			9042243	9042243-BLK1	04/12/09 18:51

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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:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 08:00

PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters									
9042333-DUP1									
Cyanide, Weak Acid Dissociable	0.0202	0.0548	R2	mg/L	92	29	9042333	NSD0965-14	04/16/09 18:11
9042334-DUP1									
Cyanide	1.86	1.39		mg/L	29	43	9042334	NSD0833-12	04/16/09 18:11

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Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
9042333-BS1								
Cyanide, Weak Acid Dissociable	0.100	0.0843		mg/L	84%	81 - 119	9042333	04/16/09 18:11
9042334-BS1								
Cyanide	0.100	0.0953		mg/L	95%	90 - 110	9042334	04/16/09 18:11
Polychlorinated Biphenyls by EPA Method 8082								
9041826-BS1								
PCB-1242	10.0	8.41	MNR1	ug/L	84%	26 - 149	9041826	04/16/09 03:55
Surrogate: Tetrachloro-meta-xylene	1.00	0.748			75%	29 - 137	9041826	04/16/09 03:55
Surrogate: Decachlorobiphenyl	1.00	0.696			70%	10 - 146	9041826	04/16/09 03:55
Volatile Organic Compounds by EPA Method 8260B								
9041068-BS1								
Acetone	250	229		ug/L	92%	62 - 150	9041068	04/14/09 09:53
Benzene	50.0	47.3		ug/L	95%	80 - 137	9041068	04/14/09 09:53
Bromobenzene	50.0	53.5		ug/L	107%	74 - 131	9041068	04/14/09 09:53
Bromochloromethane	50.0	47.6		ug/L	95%	80 - 128	9041068	04/14/09 09:53
Bromodichloromethane	50.0	55.4		ug/L	111%	80 - 129	9041068	04/14/09 09:53
Bromoform	50.0	49.1		ug/L	98%	69 - 127	9041068	04/14/09 09:53
Bromomethane	50.0	51.5		ug/L	103%	62 - 148	9041068	04/14/09 09:53
2-Butanone	250	212		ug/L	85%	77 - 141	9041068	04/14/09 09:53
sec-Butylbenzene	50.0	55.7		ug/L	111%	78 - 133	9041068	04/14/09 09:53
n-Butylbenzene	50.0	55.7		ug/L	111%	72 - 136	9041068	04/14/09 09:53
tert-Butylbenzene	50.0	55.9		ug/L	112%	77 - 135	9041068	04/14/09 09:53
Carbon disulfide	50.0	54.8		ug/L	110%	80 - 126	9041068	04/14/09 09:53
Carbon Tetrachloride	50.0	58.0		ug/L	116%	76 - 143	9041068	04/14/09 09:53
Chlorobenzene	50.0	52.5		ug/L	105%	80 - 120	9041068	04/14/09 09:53
Chlorodibromomethane	50.0	50.3		ug/L	101%	76 - 123	9041068	04/14/09 09:53
Chloroethane	50.0	45.5		ug/L	91%	77 - 127	9041068	04/14/09 09:53
Chloroform	50.0	50.1		ug/L	100%	80 - 133	9041068	04/14/09 09:53
Chloromethane	50.0	38.4		ug/L	77%	33 - 125	9041068	04/14/09 09:53
2-Chlorotoluene	50.0	55.8		ug/L	112%	80 - 127	9041068	04/14/09 09:53
4-Chlorotoluene	50.0	54.6		ug/L	109%	80 - 127	9041068	04/14/09 09:53
1,2-Dibromo-3-chloropropane	50.0	47.0		ug/L	94%	60 - 136	9041068	04/14/09 09:53
1,2-Dibromoethane (EDB)	50.0	53.5		ug/L	107%	80 - 125	9041068	04/14/09 09:53
Dibromomethane	50.0	45.8		ug/L	92%	80 - 124	9041068	04/14/09 09:53
1,4-Dichlorobenzene	50.0	52.5		ug/L	105%	80 - 120	9041068	04/14/09 09:53
1,3-Dichlorobenzene	50.0	52.9		ug/L	106%	80 - 123	9041068	04/14/09 09:53
1,2-Dichlorobenzene	50.0	52.4		ug/L	105%	80 - 122	9041068	04/14/09 09:53
Dichlorodifluoromethane	50.0	38.2		ug/L	76%	36 - 120	9041068	04/14/09 09:53
1,1-Dichloroethane	50.0	50.2		ug/L	100%	76 - 130	9041068	04/14/09 09:53

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:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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								
9041068-BS1								
1,2-Dichloroethane	50.0	45.0		ug/L	90%	69 - 136	9041068	04/14/09 09:53
cis-1,2-Dichloroethene	50.0	48.2		ug/L	96%	80 - 129	9041068	04/14/09 09:53
1,1-Dichloroethene	50.0	50.8		ug/L	102%	80 - 127	9041068	04/14/09 09:53
trans-1,2-Dichloroethene	50.0	49.7		ug/L	99%	80 - 131	9041068	04/14/09 09:53
1,3-Dichloropropane	50.0	51.1		ug/L	102%	80 - 122	9041068	04/14/09 09:53
1,2-Dichloropropane	50.0	47.4		ug/L	95%	80 - 120	9041068	04/14/09 09:53
2,2-Dichloropropane	50.0	46.5		ug/L	93%	62 - 142	9041068	04/14/09 09:53
cis-1,3-Dichloropropene	50.0	64.3		ug/L	129%	76 - 135	9041068	04/14/09 09:53
trans-1,3-Dichloropropene	50.0	48.8		ug/L	98%	70 - 137	9041068	04/14/09 09:53
1,1-Dichloropropene	50.0	50.1		ug/L	100%	80 - 127	9041068	04/14/09 09:53
Ethylbenzene	50.0	53.9		ug/L	108%	80 - 128	9041068	04/14/09 09:53
Hexachlorobutadiene	50.0	57.1		ug/L	114%	68 - 148	9041068	04/14/09 09:53
2-Hexanone	250	242		ug/L	97%	69 - 148	9041068	04/14/09 09:53
Isopropylbenzene	50.0	57.6		ug/L	115%	80 - 121	9041068	04/14/09 09:53
p-Isopropyltoluene	50.0	54.4		ug/L	109%	79 - 127	9041068	04/14/09 09:53
Methyl tert-Butyl Ether	50.0	46.0		ug/L	92%	70 - 129	9041068	04/14/09 09:53
Methylene Chloride	50.0	44.5		ug/L	89%	76 - 135	9041068	04/14/09 09:53
4-Methyl-2-pentanone	250	236		ug/L	94%	67 - 143	9041068	04/14/09 09:53
Naphthalene	50.0	54.4		ug/L	109%	62 - 141	9041068	04/14/09 09:53
n-Propylbenzene	50.0	55.6		ug/L	111%	80 - 132	9041068	04/14/09 09:53
Styrene	50.0	57.2		ug/L	114%	80 - 139	9041068	04/14/09 09:53
1,1,1,2-Tetrachloroethane	50.0	52.9		ug/L	106%	80 - 135	9041068	04/14/09 09:53
1,1,2,2-Tetrachloroethane	50.0	48.6		ug/L	97%	65 - 145	9041068	04/14/09 09:53
Tetrachloroethene	50.0	53.9		ug/L	108%	80 - 125	9041068	04/14/09 09:53
Toluene	50.0	54.7	B	ug/L	109%	80 - 125	9041068	04/14/09 09:53
1,2,3-Trichlorobenzene	50.0	48.6		ug/L	97%	57 - 144	9041068	04/14/09 09:53
1,2,4-Trichlorobenzene	50.0	54.6		ug/L	109%	60 - 140	9041068	04/14/09 09:53
1,1,2-Trichloroethane	50.0	50.7		ug/L	101%	80 - 122	9041068	04/14/09 09:53
1,1,1-Trichloroethane	50.0	53.2		ug/L	106%	80 - 131	9041068	04/14/09 09:53
Trichloroethene	50.0	49.1		ug/L	98%	80 - 131	9041068	04/14/09 09:53
Trichlorofluoromethane	50.0	44.0		ug/L	88%	68 - 125	9041068	04/14/09 09:53
1,2,3-Trichloropropane	50.0	48.5		ug/L	97%	60 - 127	9041068	04/14/09 09:53
1,3,5-Trimethylbenzene	50.0	56.4		ug/L	113%	80 - 129	9041068	04/14/09 09:53
1,2,4-Trimethylbenzene	50.0	56.4		ug/L	113%	80 - 128	9041068	04/14/09 09:53
Vinyl chloride	50.0	41.8		ug/L	84%	69 - 120	9041068	04/14/09 09:53
Xylenes, total	150	162		ug/L	108%	80 - 129	9041068	04/14/09 09:53
Surrogate: 1,2-Dichloroethane-d4	25.0	22.5			90%	60 - 140	9041068	04/14/09 09:53
Surrogate: Dibromofluoromethane	25.0	24.0			96%	75 - 124	9041068	04/14/09 09:53
Surrogate: Toluene-d8	25.0	27.1			108%	78 - 121	9041068	04/14/09 09:53
Surrogate: 4-Bromofluorobenzene	25.0	26.2			105%	79 - 124	9041068	04/14/09 09:53

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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								
9041355-BS1								
Acetone	100	113	MNR1	ug/L	113%	62 - 150	9041355	04/11/09 23:37
Benzene	20.0	23.9	MNR1	ug/L	119%	80 - 137	9041355	04/11/09 23:37
Bromobenzene	20.0	21.7	MNR1	ug/L	108%	74 - 131	9041355	04/11/09 23:37
Bromochloromethane	20.0	23.5	MNR1	ug/L	117%	80 - 128	9041355	04/11/09 23:37
Bromodichloromethane	20.0	23.6	MNR1	ug/L	118%	80 - 129	9041355	04/11/09 23:37
Bromoform	20.0	20.0	MNR1	ug/L	100%	69 - 127	9041355	04/11/09 23:37
Bromomethane	20.0	18.5	MNR1	ug/L	92%	62 - 148	9041355	04/11/09 23:37
2-Butanone	100	106	MNR1	ug/L	106%	77 - 141	9041355	04/11/09 23:37
sec-Butylbenzene	20.0	22.9	MNR1	ug/L	114%	78 - 133	9041355	04/11/09 23:37
n-Butylbenzene	20.0	22.3	MNR1	ug/L	111%	72 - 136	9041355	04/11/09 23:37
tert-Butylbenzene	20.0	22.8	MNR1	ug/L	114%	77 - 135	9041355	04/11/09 23:37
Carbon disulfide	20.0	23.8	MNR1	ug/L	119%	80 - 126	9041355	04/11/09 23:37
Carbon Tetrachloride	20.0	22.4	MNR1	ug/L	112%	76 - 143	9041355	04/11/09 23:37
Chlorobenzene	20.0	22.0	MNR1	ug/L	110%	80 - 120	9041355	04/11/09 23:37
Chlorodibromomethane	20.0	22.0	MNR1	ug/L	110%	76 - 123	9041355	04/11/09 23:37
Chloroethane	20.0	16.6	MNR1	ug/L	83%	77 - 127	9041355	04/11/09 23:37
Chloroform	20.0	21.0	MNR1	ug/L	105%	80 - 133	9041355	04/11/09 23:37
Chloromethane	20.0	15.0	MNR1	ug/L	75%	33 - 125	9041355	04/11/09 23:37
2-Chlorotoluene	20.0	22.6	MNR1	ug/L	113%	80 - 127	9041355	04/11/09 23:37
4-Chlorotoluene	20.0	22.0	MNR1	ug/L	110%	80 - 127	9041355	04/11/09 23:37
1,2-Dibromo-3-chloropropane	20.0	20.4	MNR1	ug/L	102%	60 - 136	9041355	04/11/09 23:37
1,2-Dibromoethane (EDB)	20.0	22.6	MNR1	ug/L	113%	80 - 125	9041355	04/11/09 23:37
Dibromomethane	20.0	23.1	MNR1	ug/L	115%	80 - 124	9041355	04/11/09 23:37
1,4-Dichlorobenzene	20.0	21.4	MNR1	ug/L	107%	80 - 120	9041355	04/11/09 23:37
1,3-Dichlorobenzene	20.0	22.1	MNR1	ug/L	110%	80 - 123	9041355	04/11/09 23:37
1,2-Dichlorobenzene	20.0	22.9	MNR1	ug/L	114%	80 - 122	9041355	04/11/09 23:37
Dichlorodifluoromethane	20.0	9.36	MNR1	ug/L	47%	36 - 120	9041355	04/11/09 23:37
1,1-Dichloroethane	20.0	23.9	MNR1	ug/L	120%	76 - 130	9041355	04/11/09 23:37
1,2-Dichloroethane	20.0	22.2	MNR1	ug/L	111%	69 - 136	9041355	04/11/09 23:37
cis-1,2-Dichloroethene	20.0	22.6	MNR1	ug/L	113%	80 - 129	9041355	04/11/09 23:37
1,1-Dichloroethene	20.0	23.7	MNR1	ug/L	119%	80 - 127	9041355	04/11/09 23:37
trans-1,2-Dichloroethene	20.0	23.1	MNR1	ug/L	116%	80 - 131	9041355	04/11/09 23:37
1,3-Dichloropropane	20.0	22.0	MNR1	ug/L	110%	80 - 122	9041355	04/11/09 23:37
1,2-Dichloropropane	20.0	21.5	MNR1	ug/L	107%	80 - 120	9041355	04/11/09 23:37
2,2-Dichloropropane	20.0	20.8	MNR1	ug/L	104%	62 - 142	9041355	04/11/09 23:37
cis-1,3-Dichloropropene	20.0	22.3	MNR1	ug/L	111%	76 - 135	9041355	04/11/09 23:37
trans-1,3-Dichloropropene	20.0	22.4	MNR1	ug/L	112%	70 - 137	9041355	04/11/09 23:37
1,1-Dichloropropene	20.0	22.2	MNR1	ug/L	111%	80 - 127	9041355	04/11/09 23:37
Ethylbenzene	20.0	23.5	MNR1	ug/L	118%	80 - 128	9041355	04/11/09 23:37
Hexachlorobutadiene	20.0	23.3	MNR1	ug/L	116%	68 - 148	9041355	04/11/09 23:37
2-Hexanone	100	114	MNR1	ug/L	114%	69 - 148	9041355	04/11/09 23:37

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

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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								
9041355-BS1								
Isopropylbenzene	20.0	24.5	L, MNR1	ug/L	122%	80 - 121	9041355	04/11/09 23:37
p-Isopropyltoluene	20.0	22.4	MNR1	ug/L	112%	79 - 127	9041355	04/11/09 23:37
Methyl tert-Butyl Ether	20.0	22.8	MNR1	ug/L	114%	70 - 129	9041355	04/11/09 23:37
Methylene Chloride	20.0	21.9	MNR1	ug/L	109%	76 - 135	9041355	04/11/09 23:37
4-Methyl-2-pentanone	100	121	MNR1	ug/L	121%	67 - 143	9041355	04/11/09 23:37
Naphthalene	20.0	23.6	MNR1	ug/L	118%	62 - 141	9041355	04/11/09 23:37
n-Propylbenzene	20.0	23.2	MNR1	ug/L	116%	80 - 132	9041355	04/11/09 23:37
Styrene	20.0	22.0	MNR1	ug/L	110%	80 - 139	9041355	04/11/09 23:37
1,1,1,2-Tetrachloroethane	20.0	22.6	MNR1	ug/L	113%	80 - 135	9041355	04/11/09 23:37
1,1,2,2-Tetrachloroethane	20.0	22.0	MNR1	ug/L	110%	65 - 145	9041355	04/11/09 23:37
Tetrachloroethene	20.0	20.2	MNR1	ug/L	101%	80 - 125	9041355	04/11/09 23:37
Toluene	20.0	22.2	MNR1	ug/L	111%	80 - 125	9041355	04/11/09 23:37
1,2,3-Trichlorobenzene	20.0	22.5	MNR1	ug/L	113%	57 - 144	9041355	04/11/09 23:37
1,2,4-Trichlorobenzene	20.0	23.2	MNR1	ug/L	116%	60 - 140	9041355	04/11/09 23:37
1,1,2-Trichloroethane	20.0	22.8	MNR1	ug/L	114%	80 - 122	9041355	04/11/09 23:37
1,1,1-Trichloroethane	20.0	22.1	MNR1	ug/L	110%	80 - 131	9041355	04/11/09 23:37
Trichloroethene	20.0	21.8	MNR1	ug/L	109%	80 - 131	9041355	04/11/09 23:37
Trichlorofluoromethane	20.0	16.7	MNR1	ug/L	83%	68 - 125	9041355	04/11/09 23:37
1,2,3-Trichloropropane	20.0	18.9	MNR1	ug/L	94%	60 - 127	9041355	04/11/09 23:37
1,3,5-Trimethylbenzene	20.0	23.0	MNR1	ug/L	115%	80 - 129	9041355	04/11/09 23:37
1,2,4-Trimethylbenzene	20.0	22.9	MNR1	ug/L	114%	80 - 128	9041355	04/11/09 23:37
Vinyl chloride	20.0	15.1	MNR1	ug/L	76%	69 - 120	9041355	04/11/09 23:37
Xylenes, total	60.0	69.9	MNR1	ug/L	116%	80 - 129	9041355	04/11/09 23:37
Surrogate: 1,2-Dichloroethane-d4	30.0	29.5			98%	60 - 140	9041355	04/11/09 23:37
Surrogate: Dibromofluoromethane	30.0	29.6			99%	75 - 124	9041355	04/11/09 23:37
Surrogate: Toluene-d8	30.0	30.5			102%	78 - 121	9041355	04/11/09 23:37
Surrogate: 4-Bromofluorobenzene	30.0	29.5			98%	79 - 124	9041355	04/11/09 23:37
9041744-BS1								
Acetone	100	111		ug/L	111%	62 - 150	9041744	04/14/09 14:06
Benzene	20.0	25.0		ug/L	125%	80 - 137	9041744	04/14/09 14:06
Bromobenzene	20.0	22.1		ug/L	111%	74 - 131	9041744	04/14/09 14:06
Bromochloromethane	20.0	24.0		ug/L	120%	80 - 128	9041744	04/14/09 14:06
Bromodichloromethane	20.0	24.0		ug/L	120%	80 - 129	9041744	04/14/09 14:06
Bromoform	20.0	20.8		ug/L	104%	69 - 127	9041744	04/14/09 14:06
Bromomethane	20.0	22.7		ug/L	113%	62 - 148	9041744	04/14/09 14:06
2-Butanone	100	115		ug/L	115%	77 - 141	9041744	04/14/09 14:06
sec-Butylbenzene	20.0	24.3		ug/L	122%	78 - 133	9041744	04/14/09 14:06
n-Butylbenzene	20.0	24.3		ug/L	122%	72 - 136	9041744	04/14/09 14:06
tert-Butylbenzene	20.0	24.0		ug/L	120%	77 - 135	9041744	04/14/09 14:06
Carbon disulfide	20.0	25.5	L	ug/L	127%	80 - 126	9041744	04/14/09 14:06

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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								
9041744-BS1								
Carbon Tetrachloride	20.0	24.8		ug/L	124%	76 - 143	9041744	04/14/09 14:06
Chlorobenzene	20.0	23.3		ug/L	117%	80 - 120	9041744	04/14/09 14:06
Chlorodibromomethane	20.0	23.6		ug/L	118%	76 - 123	9041744	04/14/09 14:06
Chloroethane	20.0	22.1		ug/L	111%	77 - 127	9041744	04/14/09 14:06
Chloroform	20.0	23.2		ug/L	116%	80 - 133	9041744	04/14/09 14:06
Chloromethane	20.0	20.0		ug/L	100%	33 - 125	9041744	04/14/09 14:06
2-Chlorotoluene	20.0	23.3		ug/L	116%	80 - 127	9041744	04/14/09 14:06
4-Chlorotoluene	20.0	23.2		ug/L	116%	80 - 127	9041744	04/14/09 14:06
1,2-Dibromo-3-chloropropane	20.0	21.5		ug/L	107%	60 - 136	9041744	04/14/09 14:06
1,2-Dibromoethane (EDB)	20.0	23.7		ug/L	118%	80 - 125	9041744	04/14/09 14:06
Dibromomethane	20.0	25.2	L	ug/L	126%	80 - 124	9041744	04/14/09 14:06
1,4-Dichlorobenzene	20.0	22.0		ug/L	110%	80 - 120	9041744	04/14/09 14:06
1,3-Dichlorobenzene	20.0	23.4		ug/L	117%	80 - 123	9041744	04/14/09 14:06
1,2-Dichlorobenzene	20.0	23.3		ug/L	117%	80 - 122	9041744	04/14/09 14:06
Dichlorodifluoromethane	20.0	18.3		ug/L	91%	36 - 120	9041744	04/14/09 14:06
1,1-Dichloroethane	20.0	25.3		ug/L	126%	76 - 130	9041744	04/14/09 14:06
1,2-Dichloroethane	20.0	23.5		ug/L	118%	69 - 136	9041744	04/14/09 14:06
cis-1,2-Dichloroethene	20.0	24.6		ug/L	123%	80 - 129	9041744	04/14/09 14:06
1,1-Dichloroethene	20.0	25.5	L	ug/L	128%	80 - 127	9041744	04/14/09 14:06
trans-1,2-Dichloroethene	20.0	23.8		ug/L	119%	80 - 131	9041744	04/14/09 14:06
1,3-Dichloropropane	20.0	22.7		ug/L	114%	80 - 122	9041744	04/14/09 14:06
1,2-Dichloropropane	20.0	21.5		ug/L	108%	80 - 120	9041744	04/14/09 14:06
2,2-Dichloropropane	20.0	25.1		ug/L	126%	62 - 142	9041744	04/14/09 14:06
cis-1,3-Dichloropropene	20.0	23.2		ug/L	116%	76 - 135	9041744	04/14/09 14:06
trans-1,3-Dichloropropene	20.0	23.9		ug/L	119%	70 - 137	9041744	04/14/09 14:06
1,1-Dichloropropene	20.0	24.0		ug/L	120%	80 - 127	9041744	04/14/09 14:06
Ethylbenzene	20.0	25.0		ug/L	125%	80 - 128	9041744	04/14/09 14:06
Hexachlorobutadiene	20.0	24.0		ug/L	120%	68 - 148	9041744	04/14/09 14:06
2-Hexanone	100	109		ug/L	109%	69 - 148	9041744	04/14/09 14:06
Isopropylbenzene	20.0	26.1	L	ug/L	130%	80 - 121	9041744	04/14/09 14:06
p-Isopropyltoluene	20.0	23.7		ug/L	119%	79 - 127	9041744	04/14/09 14:06
Methyl tert-Butyl Ether	20.0	24.3		ug/L	121%	70 - 129	9041744	04/14/09 14:06
Methylene Chloride	20.0	22.4		ug/L	112%	76 - 135	9041744	04/14/09 14:06
4-Methyl-2-pentanone	100	117		ug/L	117%	67 - 143	9041744	04/14/09 14:06
Naphthalene	20.0	22.6		ug/L	113%	62 - 141	9041744	04/14/09 14:06
n-Propylbenzene	20.0	24.2		ug/L	121%	80 - 132	9041744	04/14/09 14:06
Styrene	20.0	22.8		ug/L	114%	80 - 139	9041744	04/14/09 14:06
1,1,1,2-Tetrachloroethane	20.0	23.6		ug/L	118%	80 - 135	9041744	04/14/09 14:06
1,1,2,2-Tetrachloroethane	20.0	22.0		ug/L	110%	65 - 145	9041744	04/14/09 14:06
Tetrachloroethene	20.0	21.7		ug/L	108%	80 - 125	9041744	04/14/09 14:06
Toluene	20.0	23.5		ug/L	117%	80 - 125	9041744	04/14/09 14:06

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

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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								
9041744-BS1								
1,2,3-Trichlorobenzene	20.0	21.8		ug/L	109%	57 - 144	9041744	04/14/09 14:06
1,2,4-Trichlorobenzene	20.0	22.8		ug/L	114%	60 - 140	9041744	04/14/09 14:06
1,1,2-Trichloroethane	20.0	23.2		ug/L	116%	80 - 122	9041744	04/14/09 14:06
1,1,1-Trichloroethane	20.0	24.0		ug/L	120%	80 - 131	9041744	04/14/09 14:06
Trichloroethene	20.0	24.3		ug/L	121%	80 - 131	9041744	04/14/09 14:06
Trichlorofluoromethane	20.0	21.0		ug/L	105%	68 - 125	9041744	04/14/09 14:06
1,2,3-Trichloropropane	20.0	19.4		ug/L	97%	60 - 127	9041744	04/14/09 14:06
1,3,5-Trimethylbenzene	20.0	23.3		ug/L	117%	80 - 129	9041744	04/14/09 14:06
1,2,4-Trimethylbenzene	20.0	24.5		ug/L	123%	80 - 128	9041744	04/14/09 14:06
Vinyl chloride	20.0	19.9		ug/L	99%	69 - 120	9041744	04/14/09 14:06
Xylenes, total	60.0	74.5		ug/L	124%	80 - 129	9041744	04/14/09 14:06
Surrogate: 1,2-Dichloroethane-d4	30.0	29.8			99%	60 - 140	9041744	04/14/09 14:06
Surrogate: Dibromofluoromethane	30.0	30.4			101%	75 - 124	9041744	04/14/09 14:06
Surrogate: Toluene-d8	30.0	30.0			100%	78 - 121	9041744	04/14/09 14:06
Surrogate: 4-Bromofluorobenzene	30.0	29.6			99%	79 - 124	9041744	04/14/09 14:06
9041759-BS1								
Acetone	250	223		ug/L	89%	62 - 150	9041759	04/13/09 03:35
Benzene	50.0	45.3		ug/L	91%	80 - 137	9041759	04/13/09 03:35
Bromobenzene	50.0	50.9		ug/L	102%	74 - 131	9041759	04/13/09 03:35
Bromochloromethane	50.0	45.9		ug/L	92%	80 - 128	9041759	04/13/09 03:35
Bromodichloromethane	50.0	52.2		ug/L	104%	80 - 129	9041759	04/13/09 03:35
Bromoform	50.0	47.5		ug/L	95%	69 - 127	9041759	04/13/09 03:35
Bromomethane	50.0	51.6		ug/L	103%	62 - 148	9041759	04/13/09 03:35
2-Butanone	250	217		ug/L	87%	77 - 141	9041759	04/13/09 03:35
sec-Butylbenzene	50.0	52.6		ug/L	105%	78 - 133	9041759	04/13/09 03:35
n-Butylbenzene	50.0	52.5		ug/L	105%	72 - 136	9041759	04/13/09 03:35
tert-Butylbenzene	50.0	52.5		ug/L	105%	77 - 135	9041759	04/13/09 03:35
Carbon disulfide	50.0	51.9		ug/L	104%	80 - 126	9041759	04/13/09 03:35
Carbon Tetrachloride	50.0	54.0		ug/L	108%	76 - 143	9041759	04/13/09 03:35
Chlorobenzene	50.0	50.6		ug/L	101%	80 - 120	9041759	04/13/09 03:35
Chlorodibromomethane	50.0	48.3		ug/L	97%	76 - 123	9041759	04/13/09 03:35
Chloroethane	50.0	44.3		ug/L	89%	77 - 127	9041759	04/13/09 03:35
Chloroform	50.0	47.4		ug/L	95%	80 - 133	9041759	04/13/09 03:35
Chloromethane	50.0	38.7		ug/L	77%	33 - 125	9041759	04/13/09 03:35
2-Chlorotoluene	50.0	51.7		ug/L	103%	80 - 127	9041759	04/13/09 03:35
4-Chlorotoluene	50.0	51.3		ug/L	103%	80 - 127	9041759	04/13/09 03:35
1,2-Dibromo-3-chloropropane	50.0	45.5		ug/L	91%	60 - 136	9041759	04/13/09 03:35
1,2-Dibromoethane (EDB)	50.0	53.3		ug/L	107%	80 - 125	9041759	04/13/09 03:35
Dibromomethane	50.0	44.8		ug/L	90%	80 - 124	9041759	04/13/09 03:35
1,4-Dichlorobenzene	50.0	49.8		ug/L	100%	80 - 120	9041759	04/13/09 03:35

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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								
9041759-BS1								
1,3-Dichlorobenzene	50.0	50.7		ug/L	101%	80 - 123	9041759	04/13/09 03:35
1,2-Dichlorobenzene	50.0	51.1		ug/L	102%	80 - 122	9041759	04/13/09 03:35
Dichlorodifluoromethane	50.0	37.5		ug/L	75%	36 - 120	9041759	04/13/09 03:35
1,1-Dichloroethane	50.0	47.5		ug/L	95%	76 - 130	9041759	04/13/09 03:35
1,2-Dichloroethane	50.0	43.3		ug/L	87%	69 - 136	9041759	04/13/09 03:35
cis-1,2-Dichloroethene	50.0	46.4		ug/L	93%	80 - 129	9041759	04/13/09 03:35
1,1-Dichloroethene	50.0	48.6		ug/L	97%	80 - 127	9041759	04/13/09 03:35
trans-1,2-Dichloroethene	50.0	48.0		ug/L	96%	80 - 131	9041759	04/13/09 03:35
1,3-Dichloropropane	50.0	50.5		ug/L	101%	80 - 122	9041759	04/13/09 03:35
1,2-Dichloropropane	50.0	45.2		ug/L	90%	80 - 120	9041759	04/13/09 03:35
2,2-Dichloropropane	50.0	45.8		ug/L	92%	62 - 142	9041759	04/13/09 03:35
cis-1,3-Dichloropropene	50.0	62.0		ug/L	124%	76 - 135	9041759	04/13/09 03:35
trans-1,3-Dichloropropene	50.0	47.4		ug/L	95%	70 - 137	9041759	04/13/09 03:35
1,1-Dichloropropene	50.0	47.9		ug/L	96%	80 - 127	9041759	04/13/09 03:35
Ethylbenzene	50.0	52.0		ug/L	104%	80 - 128	9041759	04/13/09 03:35
Hexachlorobutadiene	50.0	54.2		ug/L	108%	68 - 148	9041759	04/13/09 03:35
2-Hexanone	250	251		ug/L	100%	69 - 148	9041759	04/13/09 03:35
Isopropylbenzene	50.0	55.5		ug/L	111%	80 - 121	9041759	04/13/09 03:35
p-Isopropyltoluene	50.0	51.1		ug/L	102%	79 - 127	9041759	04/13/09 03:35
Methyl tert-Butyl Ether	50.0	45.9		ug/L	92%	70 - 129	9041759	04/13/09 03:35
Methylene Chloride	50.0	42.9		ug/L	86%	76 - 135	9041759	04/13/09 03:35
4-Methyl-2-pentanone	250	245		ug/L	98%	67 - 143	9041759	04/13/09 03:35
Naphthalene	50.0	56.0		ug/L	112%	62 - 141	9041759	04/13/09 03:35
n-Propylbenzene	50.0	51.2		ug/L	102%	80 - 132	9041759	04/13/09 03:35
Styrene	50.0	55.8		ug/L	112%	80 - 139	9041759	04/13/09 03:35
1,1,1,2-Tetrachloroethane	50.0	50.5		ug/L	101%	80 - 135	9041759	04/13/09 03:35
1,1,2,2-Tetrachloroethane	50.0	48.1		ug/L	96%	65 - 145	9041759	04/13/09 03:35
Tetrachloroethene	50.0	52.5		ug/L	105%	80 - 125	9041759	04/13/09 03:35
Toluene	50.0	52.6		ug/L	105%	80 - 125	9041759	04/13/09 03:35
1,2,3-Trichlorobenzene	50.0	49.5		ug/L	99%	57 - 144	9041759	04/13/09 03:35
1,2,4-Trichlorobenzene	50.0	53.9		ug/L	108%	60 - 140	9041759	04/13/09 03:35
1,1,2-Trichloroethane	50.0	50.9		ug/L	102%	80 - 122	9041759	04/13/09 03:35
1,1,1-Trichloroethane	50.0	50.3		ug/L	101%	80 - 131	9041759	04/13/09 03:35
Trichloroethene	50.0	47.5		ug/L	95%	80 - 131	9041759	04/13/09 03:35
Trichlorofluoromethane	50.0	43.8		ug/L	88%	68 - 125	9041759	04/13/09 03:35
1,2,3-Trichloropropane	50.0	47.4		ug/L	95%	60 - 127	9041759	04/13/09 03:35
1,3,5-Trimethylbenzene	50.0	53.1		ug/L	106%	80 - 129	9041759	04/13/09 03:35
1,2,4-Trimethylbenzene	50.0	53.0		ug/L	106%	80 - 128	9041759	04/13/09 03:35
Vinyl chloride	50.0	41.4		ug/L	83%	69 - 120	9041759	04/13/09 03:35
Xylenes, total	150	156		ug/L	104%	80 - 129	9041759	04/13/09 03:35
Surrogate: 1,2-Dichloroethane-d4	25.0	22.7			91%	60 - 140	9041759	04/13/09 03:35

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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								
9041759-BS1								
Surrogate: Dibromofluoromethane	25.0	23.9			96%	75 - 124	9041759	04/13/09 03:35
Surrogate: Toluene-d8	25.0	27.3			109%	78 - 121	9041759	04/13/09 03:35
Surrogate: 4-Bromofluorobenzene	25.0	25.1			100%	79 - 124	9041759	04/13/09 03:35
9042243-BS1								
Acetone	250	231		ug/L	92%	62 - 150	9042243	04/12/09 16:14
Benzene	50.0	43.4		ug/L	87%	80 - 137	9042243	04/12/09 16:14
Bromobenzene	50.0	50.4		ug/L	101%	74 - 131	9042243	04/12/09 16:14
Bromochloromethane	50.0	45.3		ug/L	91%	80 - 128	9042243	04/12/09 16:14
Bromodichloromethane	50.0	50.0		ug/L	100%	80 - 129	9042243	04/12/09 16:14
Bromoform	50.0	47.2		ug/L	94%	69 - 127	9042243	04/12/09 16:14
Bromomethane	50.0	48.0		ug/L	96%	62 - 148	9042243	04/12/09 16:14
2-Butanone	250	224		ug/L	90%	77 - 141	9042243	04/12/09 16:14
sec-Butylbenzene	50.0	51.8		ug/L	104%	78 - 133	9042243	04/12/09 16:14
n-Butylbenzene	50.0	52.3		ug/L	105%	72 - 136	9042243	04/12/09 16:14
tert-Butylbenzene	50.0	52.0		ug/L	104%	77 - 135	9042243	04/12/09 16:14
Carbon disulfide	50.0	49.4		ug/L	99%	80 - 126	9042243	04/12/09 16:14
Carbon Tetrachloride	50.0	51.8		ug/L	104%	76 - 143	9042243	04/12/09 16:14
Chlorobenzene	50.0	49.8		ug/L	100%	80 - 120	9042243	04/12/09 16:14
Chlorodibromomethane	50.0	47.4		ug/L	95%	76 - 123	9042243	04/12/09 16:14
Chloroethane	50.0	42.8		ug/L	86%	77 - 127	9042243	04/12/09 16:14
Chloroform	50.0	45.4		ug/L	91%	80 - 133	9042243	04/12/09 16:14
Chloromethane	50.0	37.3		ug/L	75%	33 - 125	9042243	04/12/09 16:14
2-Chlorotoluene	50.0	51.5		ug/L	103%	80 - 127	9042243	04/12/09 16:14
4-Chlorotoluene	50.0	50.4		ug/L	101%	80 - 127	9042243	04/12/09 16:14
1,2-Dibromo-3-chloropropane	50.0	48.2		ug/L	96%	60 - 136	9042243	04/12/09 16:14
1,2-Dibromoethane (EDB)	50.0	53.2		ug/L	106%	80 - 125	9042243	04/12/09 16:14
Dibromomethane	50.0	44.1		ug/L	88%	80 - 124	9042243	04/12/09 16:14
1,4-Dichlorobenzene	50.0	50.1		ug/L	100%	80 - 120	9042243	04/12/09 16:14
1,3-Dichlorobenzene	50.0	50.0		ug/L	100%	80 - 123	9042243	04/12/09 16:14
1,2-Dichlorobenzene	50.0	50.6		ug/L	101%	80 - 122	9042243	04/12/09 16:14
Dichlorodifluoromethane	50.0	36.2		ug/L	72%	36 - 120	9042243	04/12/09 16:14
1,1-Dichloroethane	50.0	45.6		ug/L	91%	76 - 130	9042243	04/12/09 16:14
1,2-Dichloroethane	50.0	41.6		ug/L	83%	69 - 136	9042243	04/12/09 16:14
cis-1,2-Dichloroethene	50.0	44.9		ug/L	90%	80 - 129	9042243	04/12/09 16:14
1,1-Dichloroethene	50.0	46.2		ug/L	92%	80 - 127	9042243	04/12/09 16:14
trans-1,2-Dichloroethene	50.0	45.8		ug/L	92%	80 - 131	9042243	04/12/09 16:14
1,3-Dichloropropane	50.0	50.0		ug/L	100%	80 - 122	9042243	04/12/09 16:14
1,2-Dichloropropane	50.0	43.2		ug/L	86%	80 - 120	9042243	04/12/09 16:14
2,2-Dichloropropane	50.0	49.8		ug/L	100%	62 - 142	9042243	04/12/09 16:14
cis-1,3-Dichloropropene	50.0	61.4		ug/L	123%	76 - 135	9042243	04/12/09 16:14

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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								
9042243-BS1								
trans-1,3-Dichloropropene	50.0	47.5		ug/L	95%	70 - 137	9042243	04/12/09 16:14
1,1-Dichloropropene	50.0	45.9		ug/L	92%	80 - 127	9042243	04/12/09 16:14
Ethylbenzene	50.0	50.2		ug/L	100%	80 - 128	9042243	04/12/09 16:14
Hexachlorobutadiene	50.0	53.4		ug/L	107%	68 - 148	9042243	04/12/09 16:14
2-Hexanone	250	263		ug/L	105%	69 - 148	9042243	04/12/09 16:14
Isopropylbenzene	50.0	54.1		ug/L	108%	80 - 121	9042243	04/12/09 16:14
p-Isopropyltoluene	50.0	50.9		ug/L	102%	79 - 127	9042243	04/12/09 16:14
Methyl tert-Butyl Ether	50.0	46.3		ug/L	93%	70 - 129	9042243	04/12/09 16:14
Methylene Chloride	50.0	41.4		ug/L	83%	76 - 135	9042243	04/12/09 16:14
4-Methyl-2-pentanone	250	249		ug/L	99%	67 - 143	9042243	04/12/09 16:14
Naphthalene	50.0	57.0		ug/L	114%	62 - 141	9042243	04/12/09 16:14
n-Propylbenzene	50.0	51.6		ug/L	103%	80 - 132	9042243	04/12/09 16:14
Styrene	50.0	54.3		ug/L	109%	80 - 139	9042243	04/12/09 16:14
1,1,1,2-Tetrachloroethane	50.0	48.8		ug/L	98%	80 - 135	9042243	04/12/09 16:14
1,1,2,2-Tetrachloroethane	50.0	49.7		ug/L	99%	65 - 145	9042243	04/12/09 16:14
Tetrachloroethene	50.0	51.4		ug/L	103%	80 - 125	9042243	04/12/09 16:14
Toluene	50.0	50.8		ug/L	102%	80 - 125	9042243	04/12/09 16:14
1,2,3-Trichlorobenzene	50.0	49.7		ug/L	99%	57 - 144	9042243	04/12/09 16:14
1,2,4-Trichlorobenzene	50.0	54.1		ug/L	108%	60 - 140	9042243	04/12/09 16:14
1,1,2-Trichloroethane	50.0	50.2		ug/L	100%	80 - 122	9042243	04/12/09 16:14
1,1,1-Trichloroethane	50.0	47.5		ug/L	95%	80 - 131	9042243	04/12/09 16:14
Trichloroethene	50.0	45.6		ug/L	91%	80 - 131	9042243	04/12/09 16:14
Trichlorofluoromethane	50.0	41.3		ug/L	83%	68 - 125	9042243	04/12/09 16:14
1,2,3-Trichloropropane	50.0	48.7		ug/L	97%	60 - 127	9042243	04/12/09 16:14
1,3,5-Trimethylbenzene	50.0	52.1		ug/L	104%	80 - 129	9042243	04/12/09 16:14
1,2,4-Trimethylbenzene	50.0	52.5		ug/L	105%	80 - 128	9042243	04/12/09 16:14
Vinyl chloride	50.0	39.5		ug/L	79%	69 - 120	9042243	04/12/09 16:14
Xylenes, total	150	152		ug/L	101%	80 - 129	9042243	04/12/09 16:14
Surrogate: 1,2-Dichloroethane-d4	25.0	22.3			89%	60 - 140	9042243	04/12/09 16:14
Surrogate: Dibromofluoromethane	25.0	23.7			95%	75 - 124	9042243	04/12/09 16:14
Surrogate: Toluene-d8	25.0	27.1			108%	78 - 121	9042243	04/12/09 16:14
Surrogate: 4-Bromofluorobenzene	25.0	25.7			103%	79 - 124	9042243	04/12/09 16:14

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:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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												
9041068-BSD1												
Acetone		234		ug/L	250	93%	62 - 150	2	29	9041068		04/14/09 10:19
Benzene		45.3		ug/L	50.0	91%	80 - 137	4	23	9041068		04/14/09 10:19
Bromobenzene		52.4		ug/L	50.0	105%	74 - 131	2	18	9041068		04/14/09 10:19
Bromochloromethane		46.3		ug/L	50.0	93%	80 - 128	3	18	9041068		04/14/09 10:19
Bromodichloromethane		53.6		ug/L	50.0	107%	80 - 129	3	18	9041068		04/14/09 10:19
Bromoform		49.1		ug/L	50.0	98%	69 - 127	0.08	24	9041068		04/14/09 10:19
Bromomethane		48.4		ug/L	50.0	97%	62 - 148	6	45	9041068		04/14/09 10:19
2-Butanone		216		ug/L	250	87%	77 - 141	2	36	9041068		04/14/09 10:19
sec-Butylbenzene		54.8		ug/L	50.0	110%	78 - 133	2	17	9041068		04/14/09 10:19
n-Butylbenzene		54.2		ug/L	50.0	108%	72 - 136	3	18	9041068		04/14/09 10:19
tert-Butylbenzene		55.0		ug/L	50.0	110%	77 - 135	2	17	9041068		04/14/09 10:19
Carbon disulfide		51.4		ug/L	50.0	103%	80 - 126	6	16	9041068		04/14/09 10:19
Carbon Tetrachloride		56.4		ug/L	50.0	113%	76 - 143	3	29	9041068		04/14/09 10:19
Chlorobenzene		51.3		ug/L	50.0	103%	80 - 120	2	27	9041068		04/14/09 10:19
Chlorodibromomethane		49.6		ug/L	50.0	99%	76 - 123	1	21	9041068		04/14/09 10:19
Chloroethane		42.0		ug/L	50.0	84%	77 - 127	8	32	9041068		04/14/09 10:19
Chloroform		48.3		ug/L	50.0	97%	80 - 133	4	28	9041068		04/14/09 10:19
Chloromethane		36.6		ug/L	50.0	73%	33 - 125	5	21	9041068		04/14/09 10:19
2-Chlorotoluene		54.2		ug/L	50.0	108%	80 - 127	3	16	9041068		04/14/09 10:19
4-Chlorotoluene		52.9		ug/L	50.0	106%	80 - 127	3	17	9041068		04/14/09 10:19
1,2-Dibromo-3-chloropropane		47.8		ug/L	50.0	96%	60 - 136	2	29	9041068		04/14/09 10:19
1,2-Dibromoethane (EDB)		53.4		ug/L	50.0	107%	80 - 125	0.3	21	9041068		04/14/09 10:19
Dibromomethane		44.6		ug/L	50.0	89%	80 - 124	3	20	9041068		04/14/09 10:19
1,4-Dichlorobenzene		50.8		ug/L	50.0	102%	80 - 120	3	19	9041068		04/14/09 10:19
1,3-Dichlorobenzene		51.8		ug/L	50.0	104%	80 - 123	2	18	9041068		04/14/09 10:19
1,2-Dichlorobenzene		51.4		ug/L	50.0	103%	80 - 122	2	23	9041068		04/14/09 10:19
Dichlorodifluoromethane		35.0		ug/L	50.0	70%	36 - 120	9	14	9041068		04/14/09 10:19
1,1-Dichloroethane		47.6		ug/L	50.0	95%	76 - 130	5	15	9041068		04/14/09 10:19
1,2-Dichloroethane		43.4		ug/L	50.0	87%	69 - 136	4	26	9041068		04/14/09 10:19
cis-1,2-Dichloroethene		46.5		ug/L	50.0	93%	80 - 129	4	14	9041068		04/14/09 10:19
1,1-Dichloroethene		48.0		ug/L	50.0	96%	80 - 127	6	26	9041068		04/14/09 10:19
trans-1,2-Dichloroethene		47.7		ug/L	50.0	95%	80 - 131	4	14	9041068		04/14/09 10:19
1,3-Dichloropropane		50.4		ug/L	50.0	101%	80 - 122	1	21	9041068		04/14/09 10:19
1,2-Dichloropropane		45.3		ug/L	50.0	91%	80 - 120	5	16	9041068		04/14/09 10:19
2,2-Dichloropropane		44.8		ug/L	50.0	90%	62 - 142	4	14	9041068		04/14/09 10:19
cis-1,3-Dichloropropene		63.3		ug/L	50.0	127%	76 - 135	2	19	9041068		04/14/09 10:19
trans-1,3-Dichloropropene		48.7		ug/L	50.0	97%	70 - 137	0.1	20	9041068		04/14/09 10:19
1,1-Dichloropropene		48.7		ug/L	50.0	97%	80 - 127	3	14	9041068		04/14/09 10:19
Ethylbenzene		52.9		ug/L	50.0	106%	80 - 128	2	17	9041068		04/14/09 10:19
Hexachlorobutadiene		56.6		ug/L	50.0	113%	68 - 148	0.9	34	9041068		04/14/09 10:19
2-Hexanone		247		ug/L	250	99%	69 - 148	2	34	9041068		04/14/09 10:19

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:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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												
9041068-BSD1												
Isopropylbenzene		56.8		ug/L	50.0	114%	80 - 121	1	18	9041068		04/14/09 10:19
p-Isopropyltoluene		53.0		ug/L	50.0	106%	79 - 127	3	17	9041068		04/14/09 10:19
Methyl tert-Butyl Ether		44.5		ug/L	50.0	89%	70 - 129	3	32	9041068		04/14/09 10:19
Methylene Chloride		42.3		ug/L	50.0	85%	76 - 135	5	18	9041068		04/14/09 10:19
4-Methyl-2-pentanone		237		ug/L	250	95%	67 - 143	0.5	31	9041068		04/14/09 10:19
Naphthalene		54.6		ug/L	50.0	109%	62 - 141	0.4	39	9041068		04/14/09 10:19
n-Propylbenzene		54.2		ug/L	50.0	108%	80 - 132	3	17	9041068		04/14/09 10:19
Styrene		56.6		ug/L	50.0	113%	80 - 139	1	16	9041068		04/14/09 10:19
1,1,1,2-Tetrachloroethane		52.0		ug/L	50.0	104%	80 - 135	2	17	9041068		04/14/09 10:19
1,1,2,2-Tetrachloroethane		47.2		ug/L	50.0	94%	65 - 145	3	28	9041068		04/14/09 10:19
Tetrachloroethene		53.6		ug/L	50.0	107%	80 - 125	0.6	27	9041068		04/14/09 10:19
Toluene		53.3	B	ug/L	50.0	107%	80 - 125	3	19	9041068		04/14/09 10:19
1,2,3-Trichlorobenzene		48.8		ug/L	50.0	98%	57 - 144	0.4	31	9041068		04/14/09 10:19
1,2,4-Trichlorobenzene		54.3		ug/L	50.0	109%	60 - 140	0.6	26	9041068		04/14/09 10:19
1,1,2-Trichloroethane		50.5		ug/L	50.0	101%	80 - 122	0.4	21	9041068		04/14/09 10:19
1,1,1-Trichloroethane		51.0		ug/L	50.0	102%	80 - 131	4	16	9041068		04/14/09 10:19
Trichloroethene		48.2		ug/L	50.0	96%	80 - 131	2	28	9041068		04/14/09 10:19
Trichlorofluoromethane		42.0		ug/L	50.0	84%	68 - 125	5	20	9041068		04/14/09 10:19
1,2,3-Trichloropropane		47.9		ug/L	50.0	96%	60 - 127	1	26	9041068		04/14/09 10:19
1,3,5-Trimethylbenzene		55.0		ug/L	50.0	110%	80 - 129	3	16	9041068		04/14/09 10:19
1,2,4-Trimethylbenzene		55.0		ug/L	50.0	110%	80 - 128	3	22	9041068		04/14/09 10:19
Vinyl chloride		38.5		ug/L	50.0	77%	69 - 120	8	26	9041068		04/14/09 10:19
Xylenes, total		160		ug/L	150	107%	80 - 129	2	18	9041068		04/14/09 10:19
Surrogate: 1,2-Dichloroethane-d4		22.0		ug/L	25.0	88%	60 - 140			9041068		04/14/09 10:19
Surrogate: Dibromofluoromethane		23.9		ug/L	25.0	96%	75 - 124			9041068		04/14/09 10:19
Surrogate: Toluene-d8		27.2		ug/L	25.0	109%	78 - 121			9041068		04/14/09 10:19
Surrogate: 4-Bromofluorobenzene		25.9		ug/L	25.0	103%	79 - 124			9041068		04/14/09 10:19
9041355-BSD1												
Acetone		117		ug/L	100	117%	62 - 150	3	29	9041355		04/12/09 00:02
Benzene		23.7		ug/L	20.0	118%	80 - 137	1	23	9041355		04/12/09 00:02
Bromobenzene		22.8		ug/L	20.0	114%	74 - 131	5	18	9041355		04/12/09 00:02
Bromochloromethane		22.5		ug/L	20.0	113%	80 - 128	4	18	9041355		04/12/09 00:02
Bromodichloromethane		22.9		ug/L	20.0	115%	80 - 129	3	18	9041355		04/12/09 00:02
Bromoform		19.9		ug/L	20.0	100%	69 - 127	0.6	24	9041355		04/12/09 00:02
Bromomethane		18.9		ug/L	20.0	94%	62 - 148	2	45	9041355		04/12/09 00:02
2-Butanone		121		ug/L	100	121%	77 - 141	13	36	9041355		04/12/09 00:02
sec-Butylbenzene		23.8		ug/L	20.0	119%	78 - 133	4	17	9041355		04/12/09 00:02
n-Butylbenzene		23.7		ug/L	20.0	118%	72 - 136	6	18	9041355		04/12/09 00:02
tert-Butylbenzene		23.9		ug/L	20.0	119%	77 - 135	5	17	9041355		04/12/09 00:02
Carbon disulfide		23.2		ug/L	20.0	116%	80 - 126	2	16	9041355		04/12/09 00:02

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

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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												
9041355-BSD1												
Carbon Tetrachloride		22.0		ug/L	20.0	110%	76 - 143	2	29	9041355		04/12/09 00:02
Chlorobenzene		22.4		ug/L	20.0	112%	80 - 120	2	27	9041355		04/12/09 00:02
Chlorodibromomethane		22.6		ug/L	20.0	113%	76 - 123	3	21	9041355		04/12/09 00:02
Chloroethane		18.0		ug/L	20.0	90%	77 - 127	8	32	9041355		04/12/09 00:02
Chloroform		20.5		ug/L	20.0	103%	80 - 133	2	28	9041355		04/12/09 00:02
Chloromethane		14.9		ug/L	20.0	74%	33 - 125	1	21	9041355		04/12/09 00:02
2-Chlorotoluene		23.6		ug/L	20.0	118%	80 - 127	4	16	9041355		04/12/09 00:02
4-Chlorotoluene		22.9		ug/L	20.0	114%	80 - 127	4	17	9041355		04/12/09 00:02
1,2-Dibromo-3-chloropropane		22.3		ug/L	20.0	111%	60 - 136	9	29	9041355		04/12/09 00:02
1,2-Dibromoethane (EDB)		22.8		ug/L	20.0	114%	80 - 125	0.8	21	9041355		04/12/09 00:02
Dibromomethane		23.7		ug/L	20.0	118%	80 - 124	2	20	9041355		04/12/09 00:02
1,4-Dichlorobenzene		22.4		ug/L	20.0	112%	80 - 120	5	19	9041355		04/12/09 00:02
1,3-Dichlorobenzene		23.4		ug/L	20.0	117%	80 - 123	6	18	9041355		04/12/09 00:02
1,2-Dichlorobenzene		24.2		ug/L	20.0	121%	80 - 122	6	23	9041355		04/12/09 00:02
Dichlorodifluoromethane		9.40		ug/L	20.0	47%	36 - 120	0.4	14	9041355		04/12/09 00:02
1,1-Dichloroethane		21.0		ug/L	20.0	105%	76 - 130	13	15	9041355		04/12/09 00:02
1,2-Dichloroethane		21.9		ug/L	20.0	110%	69 - 136	1	26	9041355		04/12/09 00:02
cis-1,2-Dichloroethene		21.0		ug/L	20.0	105%	80 - 129	7	14	9041355		04/12/09 00:02
1,1-Dichloroethene		24.1		ug/L	20.0	120%	80 - 127	1	26	9041355		04/12/09 00:02
trans-1,2-Dichloroethene		21.9		ug/L	20.0	110%	80 - 131	5	14	9041355		04/12/09 00:02
1,3-Dichloropropane		22.8		ug/L	20.0	114%	80 - 122	4	21	9041355		04/12/09 00:02
1,2-Dichloropropane		20.6		ug/L	20.0	103%	80 - 120	4	16	9041355		04/12/09 00:02
2,2-Dichloropropane		20.6		ug/L	20.0	103%	62 - 142	0.9	14	9041355		04/12/09 00:02
cis-1,3-Dichloropropene		22.9		ug/L	20.0	114%	76 - 135	3	19	9041355		04/12/09 00:02
trans-1,3-Dichloropropene		22.8		ug/L	20.0	114%	70 - 137	2	20	9041355		04/12/09 00:02
1,1-Dichloropropene		22.1		ug/L	20.0	110%	80 - 127	0.4	14	9041355		04/12/09 00:02
Ethylbenzene		23.6		ug/L	20.0	118%	80 - 128	0.4	17	9041355		04/12/09 00:02
Hexachlorobutadiene		24.4		ug/L	20.0	122%	68 - 148	5	34	9041355		04/12/09 00:02
2-Hexanone		107		ug/L	100	107%	69 - 148	6	34	9041355		04/12/09 00:02
Isopropylbenzene		24.2		ug/L	20.0	121%	80 - 121	1	18	9041355		04/12/09 00:02
p-Isopropyltoluene		23.7		ug/L	20.0	119%	79 - 127	6	17	9041355		04/12/09 00:02
Methyl tert-Butyl Ether		23.1		ug/L	20.0	116%	70 - 129	2	32	9041355		04/12/09 00:02
Methylene Chloride		21.8		ug/L	20.0	109%	76 - 135	0.2	18	9041355		04/12/09 00:02
4-Methyl-2-pentanone		118		ug/L	100	118%	67 - 143	2	31	9041355		04/12/09 00:02
Naphthalene		24.8		ug/L	20.0	124%	62 - 141	5	39	9041355		04/12/09 00:02
n-Propylbenzene		24.1		ug/L	20.0	120%	80 - 132	4	17	9041355		04/12/09 00:02
Styrene		22.3		ug/L	20.0	111%	80 - 139	1	16	9041355		04/12/09 00:02
1,1,1,2-Tetrachloroethane		21.8		ug/L	20.0	109%	80 - 135	4	17	9041355		04/12/09 00:02
1,1,2,2-Tetrachloroethane		22.7		ug/L	20.0	114%	65 - 145	3	28	9041355		04/12/09 00:02
Tetrachloroethene		20.0		ug/L	20.0	100%	80 - 125	0.8	27	9041355		04/12/09 00:02
Toluene		22.4		ug/L	20.0	112%	80 - 125	1	19	9041355		04/12/09 00:02

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:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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												
9041355-BSD1												
1,2,3-Trichlorobenzene		22.7		ug/L	20.0	113%	57 - 144	0.7	31	9041355		04/12/09 00:02
1,2,4-Trichlorobenzene		23.6		ug/L	20.0	118%	60 - 140	2	26	9041355		04/12/09 00:02
1,1,2-Trichloroethane		23.3		ug/L	20.0	116%	80 - 122	2	21	9041355		04/12/09 00:02
1,1,1-Trichloroethane		21.9		ug/L	20.0	109%	80 - 131	0.9	16	9041355		04/12/09 00:02
Trichloroethene		21.6		ug/L	20.0	108%	80 - 131	0.9	28	9041355		04/12/09 00:02
Trichlorofluoromethane		16.0		ug/L	20.0	80%	68 - 125	4	20	9041355		04/12/09 00:02
1,2,3-Trichloropropane		20.3		ug/L	20.0	101%	60 - 127	7	26	9041355		04/12/09 00:02
1,3,5-Trimethylbenzene		23.7		ug/L	20.0	118%	80 - 129	3	16	9041355		04/12/09 00:02
1,2,4-Trimethylbenzene		24.2		ug/L	20.0	121%	80 - 128	6	22	9041355		04/12/09 00:02
Vinyl chloride		15.3		ug/L	20.0	77%	69 - 120	1	26	9041355		04/12/09 00:02
Xylenes, total		68.9		ug/L	60.0	115%	80 - 129	1	18	9041355		04/12/09 00:02
Surrogate: 1,2-Dichloroethane-d4		28.9		ug/L	30.0	96%	60 - 140			9041355		04/12/09 00:02
Surrogate: Dibromofluoromethane		29.7		ug/L	30.0	99%	75 - 124			9041355		04/12/09 00:02
Surrogate: Toluene-d8		30.0		ug/L	30.0	100%	78 - 121			9041355		04/12/09 00:02
Surrogate: 4-Bromofluorobenzene		30.6		ug/L	30.0	102%	79 - 124			9041355		04/12/09 00:02
9041744-BSD1												
Acetone		103		ug/L	100	103%	62 - 150	8	29	9041744		04/14/09 14:31
Benzene		24.9		ug/L	20.0	125%	80 - 137	0.08	23	9041744		04/14/09 14:31
Bromobenzene		22.3		ug/L	20.0	112%	74 - 131	1	18	9041744		04/14/09 14:31
Bromochloromethane		23.6		ug/L	20.0	118%	80 - 128	1	18	9041744		04/14/09 14:31
Bromodichloromethane		24.1		ug/L	20.0	120%	80 - 129	0.5	18	9041744		04/14/09 14:31
Bromoform		21.4		ug/L	20.0	107%	69 - 127	3	24	9041744		04/14/09 14:31
Bromomethane		21.9		ug/L	20.0	109%	62 - 148	3	45	9041744		04/14/09 14:31
2-Butanone		98.5		ug/L	100	98%	77 - 141	15	36	9041744		04/14/09 14:31
sec-Butylbenzene		25.4		ug/L	20.0	127%	78 - 133	4	17	9041744		04/14/09 14:31
n-Butylbenzene		25.7		ug/L	20.0	128%	72 - 136	5	18	9041744		04/14/09 14:31
tert-Butylbenzene		25.6		ug/L	20.0	128%	77 - 135	6	17	9041744		04/14/09 14:31
Carbon disulfide		24.9		ug/L	20.0	124%	80 - 126	2	16	9041744		04/14/09 14:31
Carbon Tetrachloride		23.3		ug/L	20.0	117%	76 - 143	6	29	9041744		04/14/09 14:31
Chlorobenzene		24.3	L	ug/L	20.0	122%	80 - 120	4	27	9041744		04/14/09 14:31
Chlorodibromomethane		23.5		ug/L	20.0	117%	76 - 123	0.6	21	9041744		04/14/09 14:31
Chloroethane		20.6		ug/L	20.0	103%	77 - 127	7	32	9041744		04/14/09 14:31
Chloroform		23.7		ug/L	20.0	119%	80 - 133	2	28	9041744		04/14/09 14:31
Chloromethane		19.4		ug/L	20.0	97%	33 - 125	3	21	9041744		04/14/09 14:31
2-Chlorotoluene		24.8		ug/L	20.0	124%	80 - 127	6	16	9041744		04/14/09 14:31
4-Chlorotoluene		23.5		ug/L	20.0	118%	80 - 127	2	17	9041744		04/14/09 14:31
1,2-Dibromo-3-chloropropane		22.1		ug/L	20.0	111%	60 - 136	3	29	9041744		04/14/09 14:31
1,2-Dibromoethane (EDB)		23.5		ug/L	20.0	118%	80 - 125	0.6	21	9041744		04/14/09 14:31
Dibromomethane		24.1		ug/L	20.0	121%	80 - 124	4	20	9041744		04/14/09 14:31
1,4-Dichlorobenzene		23.4		ug/L	20.0	117%	80 - 120	6	19	9041744		04/14/09 14:31

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:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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												
9041744-BSD1												
1,3-Dichlorobenzene		24.4		ug/L	20.0	122%	80 - 123	4	18	9041744		04/14/09 14:31
1,2-Dichlorobenzene		24.9	L	ug/L	20.0	125%	80 - 122	7	23	9041744		04/14/09 14:31
Dichlorodifluoromethane		19.5		ug/L	20.0	97%	36 - 120	6	14	9041744		04/14/09 14:31
1,1-Dichloroethane		23.8		ug/L	20.0	119%	76 - 130	6	15	9041744		04/14/09 14:31
1,2-Dichloroethane		23.2		ug/L	20.0	116%	69 - 136	1	26	9041744		04/14/09 14:31
cis-1,2-Dichloroethene		23.4		ug/L	20.0	117%	80 - 129	5	14	9041744		04/14/09 14:31
1,1-Dichloroethene		24.8		ug/L	20.0	124%	80 - 127	3	26	9041744		04/14/09 14:31
trans-1,2-Dichloroethene		22.8		ug/L	20.0	114%	80 - 131	4	14	9041744		04/14/09 14:31
1,3-Dichloropropane		23.2		ug/L	20.0	116%	80 - 122	2	21	9041744		04/14/09 14:31
1,2-Dichloropropane		20.8		ug/L	20.0	104%	80 - 120	3	16	9041744		04/14/09 14:31
2,2-Dichloropropane		24.8		ug/L	20.0	124%	62 - 142	1	14	9041744		04/14/09 14:31
cis-1,3-Dichloropropene		24.8		ug/L	20.0	124%	76 - 135	7	19	9041744		04/14/09 14:31
trans-1,3-Dichloropropene		23.6		ug/L	20.0	118%	70 - 137	1	20	9041744		04/14/09 14:31
1,1-Dichloropropene		24.9		ug/L	20.0	124%	80 - 127	4	14	9041744		04/14/09 14:31
Ethylbenzene		25.1		ug/L	20.0	126%	80 - 128	0.4	17	9041744		04/14/09 14:31
Hexachlorobutadiene		24.6		ug/L	20.0	123%	68 - 148	2	34	9041744		04/14/09 14:31
2-Hexanone		111		ug/L	100	111%	69 - 148	1	34	9041744		04/14/09 14:31
Isopropylbenzene		26.5	L	ug/L	20.0	132%	80 - 121	1	18	9041744		04/14/09 14:31
p-Isopropyltoluene		24.3		ug/L	20.0	121%	79 - 127	2	17	9041744		04/14/09 14:31
Methyl tert-Butyl Ether		24.0		ug/L	20.0	120%	70 - 129	1	32	9041744		04/14/09 14:31
Methylene Chloride		23.2		ug/L	20.0	116%	76 - 135	3	18	9041744		04/14/09 14:31
4-Methyl-2-pentanone		116		ug/L	100	116%	67 - 143	0.5	31	9041744		04/14/09 14:31
Naphthalene		22.8		ug/L	20.0	114%	62 - 141	1	39	9041744		04/14/09 14:31
n-Propylbenzene		24.8		ug/L	20.0	124%	80 - 132	3	17	9041744		04/14/09 14:31
Styrene		23.5		ug/L	20.0	118%	80 - 139	3	16	9041744		04/14/09 14:31
1,1,1,2-Tetrachloroethane		24.5		ug/L	20.0	122%	80 - 135	4	17	9041744		04/14/09 14:31
1,1,2,2-Tetrachloroethane		22.5		ug/L	20.0	113%	65 - 145	3	28	9041744		04/14/09 14:31
Tetrachloroethene		22.2		ug/L	20.0	111%	80 - 125	2	27	9041744		04/14/09 14:31
Toluene		24.2		ug/L	20.0	121%	80 - 125	3	19	9041744		04/14/09 14:31
1,2,3-Trichlorobenzene		23.2		ug/L	20.0	116%	57 - 144	6	31	9041744		04/14/09 14:31
1,2,4-Trichlorobenzene		24.8		ug/L	20.0	124%	60 - 140	8	26	9041744		04/14/09 14:31
1,1,2-Trichloroethane		24.8	L	ug/L	20.0	124%	80 - 122	7	21	9041744		04/14/09 14:31
1,1,1-Trichloroethane		23.7		ug/L	20.0	118%	80 - 131	1	16	9041744		04/14/09 14:31
Trichloroethene		23.2		ug/L	20.0	116%	80 - 131	5	28	9041744		04/14/09 14:31
Trichlorofluoromethane		22.0		ug/L	20.0	110%	68 - 125	5	20	9041744		04/14/09 14:31
1,2,3-Trichloropropane		19.6		ug/L	20.0	98%	60 - 127	1	26	9041744		04/14/09 14:31
1,3,5-Trimethylbenzene		24.9		ug/L	20.0	125%	80 - 129	7	16	9041744		04/14/09 14:31
1,2,4-Trimethylbenzene		25.8	L	ug/L	20.0	129%	80 - 128	5	22	9041744		04/14/09 14:31
Vinyl chloride		19.9		ug/L	20.0	100%	69 - 120	0.05	26	9041744		04/14/09 14:31
Xylenes, total		76.4		ug/L	60.0	127%	80 - 129	2	18	9041744		04/14/09 14:31
Surrogate: 1,2-Dichloroethane-d4		29.7		ug/L	30.0	99%	60 - 140			9041744		04/14/09 14:31

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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												
9041744-BSD1												
Surrogate: Dibromofluoromethane		29.5		ug/L	30.0	98%	75 - 124			9041744		04/14/09 14:31
Surrogate: Toluene-d8		30.2		ug/L	30.0	101%	78 - 121			9041744		04/14/09 14:31
Surrogate: 4-Bromofluorobenzene		30.0		ug/L	30.0	100%	79 - 124			9041744		04/14/09 14:31
9041759-BSD1												
Acetone		220		ug/L	250	88%	62 - 150	1	29	9041759		04/13/09 04:01
Benzene		44.2		ug/L	50.0	88%	80 - 137	3	23	9041759		04/13/09 04:01
Bromobenzene		50.8		ug/L	50.0	102%	74 - 131	0.3	18	9041759		04/13/09 04:01
Bromochloromethane		46.0		ug/L	50.0	92%	80 - 128	0.1	18	9041759		04/13/09 04:01
Bromodichloromethane		52.7		ug/L	50.0	105%	80 - 129	1	18	9041759		04/13/09 04:01
Bromoform		48.0		ug/L	50.0	96%	69 - 127	1	24	9041759		04/13/09 04:01
Bromomethane		50.0		ug/L	50.0	100%	62 - 148	3	45	9041759		04/13/09 04:01
2-Butanone		216		ug/L	250	87%	77 - 141	0.03	36	9041759		04/13/09 04:01
sec-Butylbenzene		51.9		ug/L	50.0	104%	78 - 133	1	17	9041759		04/13/09 04:01
n-Butylbenzene		51.4		ug/L	50.0	103%	72 - 136	2	18	9041759		04/13/09 04:01
tert-Butylbenzene		52.2		ug/L	50.0	104%	77 - 135	0.7	17	9041759		04/13/09 04:01
Carbon disulfide		49.9		ug/L	50.0	100%	80 - 126	4	16	9041759		04/13/09 04:01
Carbon Tetrachloride		53.1		ug/L	50.0	106%	76 - 143	2	29	9041759		04/13/09 04:01
Chlorobenzene		49.7		ug/L	50.0	99%	80 - 120	2	27	9041759		04/13/09 04:01
Chlorodibromomethane		47.9		ug/L	50.0	96%	76 - 123	0.9	21	9041759		04/13/09 04:01
Chloroethane		42.0		ug/L	50.0	84%	77 - 127	5	32	9041759		04/13/09 04:01
Chloroform		46.5		ug/L	50.0	93%	80 - 133	2	28	9041759		04/13/09 04:01
Chloromethane		37.4		ug/L	50.0	75%	33 - 125	3	21	9041759		04/13/09 04:01
2-Chlorotoluene		52.1		ug/L	50.0	104%	80 - 127	0.8	16	9041759		04/13/09 04:01
4-Chlorotoluene		50.9		ug/L	50.0	102%	80 - 127	0.8	17	9041759		04/13/09 04:01
1,2-Dibromo-3-chloropropane		47.7		ug/L	50.0	95%	60 - 136	5	29	9041759		04/13/09 04:01
1,2-Dibromoethane (EDB)		53.1		ug/L	50.0	106%	80 - 125	0.4	21	9041759		04/13/09 04:01
Dibromomethane		44.0		ug/L	50.0	88%	80 - 124	2	20	9041759		04/13/09 04:01
1,4-Dichlorobenzene		49.5		ug/L	50.0	99%	80 - 120	0.7	19	9041759		04/13/09 04:01
1,3-Dichlorobenzene		49.9		ug/L	50.0	100%	80 - 123	1	18	9041759		04/13/09 04:01
1,2-Dichlorobenzene		50.5		ug/L	50.0	101%	80 - 122	1	23	9041759		04/13/09 04:01
Dichlorodifluoromethane		35.1		ug/L	50.0	70%	36 - 120	7	14	9041759		04/13/09 04:01
1,1-Dichloroethane		46.0		ug/L	50.0	92%	76 - 130	3	15	9041759		04/13/09 04:01
1,2-Dichloroethane		42.8		ug/L	50.0	86%	69 - 136	1	26	9041759		04/13/09 04:01
cis-1,2-Dichloroethene		45.2		ug/L	50.0	90%	80 - 129	2	14	9041759		04/13/09 04:01
1,1-Dichloroethene		46.5		ug/L	50.0	93%	80 - 127	5	26	9041759		04/13/09 04:01
trans-1,2-Dichloroethene		46.6		ug/L	50.0	93%	80 - 131	3	14	9041759		04/13/09 04:01
1,3-Dichloropropane		50.0		ug/L	50.0	100%	80 - 122	1	21	9041759		04/13/09 04:01
1,2-Dichloropropane		44.2		ug/L	50.0	88%	80 - 120	2	16	9041759		04/13/09 04:01
2,2-Dichloropropane		45.2		ug/L	50.0	90%	62 - 142	1	14	9041759		04/13/09 04:01
cis-1,3-Dichloropropene		61.3		ug/L	50.0	123%	76 - 135	1	19	9041759		04/13/09 04:01

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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												
9041759-BSD1												
trans-1,3-Dichloropropene		47.3		ug/L	50.0	95%	70 - 137	0.4	20	9041759		04/13/09 04:01
1,1-Dichloropropene		46.8		ug/L	50.0	94%	80 - 127	2	14	9041759		04/13/09 04:01
Ethylbenzene		50.8		ug/L	50.0	102%	80 - 128	2	17	9041759		04/13/09 04:01
Hexachlorobutadiene		54.0		ug/L	50.0	108%	68 - 148	0.3	34	9041759		04/13/09 04:01
2-Hexanone		253		ug/L	250	101%	69 - 148	0.8	34	9041759		04/13/09 04:01
Isopropylbenzene		54.4		ug/L	50.0	109%	80 - 121	2	18	9041759		04/13/09 04:01
p-Isopropyltoluene		50.5		ug/L	50.0	101%	79 - 127	1	17	9041759		04/13/09 04:01
Methyl tert-Butyl Ether		44.7		ug/L	50.0	89%	70 - 129	3	32	9041759		04/13/09 04:01
Methylene Chloride		41.8		ug/L	50.0	84%	76 - 135	3	18	9041759		04/13/09 04:01
4-Methyl-2-pentanone		244		ug/L	250	98%	67 - 143	0.5	31	9041759		04/13/09 04:01
Naphthalene		56.4		ug/L	50.0	113%	62 - 141	0.7	39	9041759		04/13/09 04:01
n-Propylbenzene		51.9		ug/L	50.0	104%	80 - 132	1	17	9041759		04/13/09 04:01
Styrene		55.0		ug/L	50.0	110%	80 - 139	2	16	9041759		04/13/09 04:01
1,1,1,2-Tetrachloroethane		49.4		ug/L	50.0	99%	80 - 135	2	17	9041759		04/13/09 04:01
1,1,2,2-Tetrachloroethane		48.8		ug/L	50.0	98%	65 - 145	1	28	9041759		04/13/09 04:01
Tetrachloroethene		51.1		ug/L	50.0	102%	80 - 125	3	27	9041759		04/13/09 04:01
Toluene		51.5		ug/L	50.0	103%	80 - 125	2	19	9041759		04/13/09 04:01
1,2,3-Trichlorobenzene		49.6		ug/L	50.0	99%	57 - 144	0.2	31	9041759		04/13/09 04:01
1,2,4-Trichlorobenzene		53.6		ug/L	50.0	107%	60 - 140	0.6	26	9041759		04/13/09 04:01
1,1,2-Trichloroethane		50.4		ug/L	50.0	101%	80 - 122	1	21	9041759		04/13/09 04:01
1,1,1-Trichloroethane		49.0		ug/L	50.0	98%	80 - 131	3	16	9041759		04/13/09 04:01
Trichloroethene		46.4		ug/L	50.0	93%	80 - 131	2	28	9041759		04/13/09 04:01
Trichlorofluoromethane		41.9		ug/L	50.0	84%	68 - 125	4	20	9041759		04/13/09 04:01
1,2,3-Trichloropropane		48.4		ug/L	50.0	97%	60 - 127	2	26	9041759		04/13/09 04:01
1,3,5-Trimethylbenzene		52.3		ug/L	50.0	105%	80 - 129	1	16	9041759		04/13/09 04:01
1,2,4-Trimethylbenzene		52.7		ug/L	50.0	105%	80 - 128	0.5	22	9041759		04/13/09 04:01
Vinyl chloride		39.0		ug/L	50.0	78%	69 - 120	6	26	9041759		04/13/09 04:01
Xylenes, total		154		ug/L	150	102%	80 - 129	2	18	9041759		04/13/09 04:01
Surrogate: 1,2-Dichloroethane-d4		22.7		ug/L	25.0	91%	60 - 140			9041759		04/13/09 04:01
Surrogate: Dibromofluoromethane		24.0		ug/L	25.0	96%	75 - 124			9041759		04/13/09 04:01
Surrogate: Toluene-d8		27.2		ug/L	25.0	109%	78 - 121			9041759		04/13/09 04:01
Surrogate: 4-Bromofluorobenzene		26.1		ug/L	25.0	104%	79 - 124			9041759		04/13/09 04:01
9042243-BSD1												
Acetone		232		ug/L	250	93%	62 - 150	0.2	29	9042243		04/12/09 16:40
Benzene		42.2		ug/L	50.0	84%	80 - 137	3	23	9042243		04/12/09 16:40
Bromobenzene		50.6		ug/L	50.0	101%	74 - 131	0.6	18	9042243		04/12/09 16:40
Bromochloromethane		44.2		ug/L	50.0	88%	80 - 128	2	18	9042243		04/12/09 16:40
Bromodichloromethane		50.4		ug/L	50.0	101%	80 - 129	0.8	18	9042243		04/12/09 16:40
Bromoform		46.5		ug/L	50.0	93%	69 - 127	1	24	9042243		04/12/09 16:40
Bromomethane		47.3		ug/L	50.0	95%	62 - 148	1	45	9042243		04/12/09 16:40

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

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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												
9042243-BSD1												
2-Butanone		223		ug/L	250	89%	77 - 141	0.5	36	9042243		04/12/09 16:40
sec-Butylbenzene		51.3		ug/L	50.0	103%	78 - 133	1	17	9042243		04/12/09 16:40
n-Butylbenzene		51.6		ug/L	50.0	103%	72 - 136	1	18	9042243		04/12/09 16:40
tert-Butylbenzene		51.4		ug/L	50.0	103%	77 - 135	1	17	9042243		04/12/09 16:40
Carbon disulfide		48.0		ug/L	50.0	96%	80 - 126	3	16	9042243		04/12/09 16:40
Carbon Tetrachloride		50.0		ug/L	50.0	100%	76 - 143	3	29	9042243		04/12/09 16:40
Chlorobenzene		48.8		ug/L	50.0	98%	80 - 120	2	27	9042243		04/12/09 16:40
Chlorodibromomethane		46.3		ug/L	50.0	93%	76 - 123	2	21	9042243		04/12/09 16:40
Chloroethane		41.7		ug/L	50.0	83%	77 - 127	3	32	9042243		04/12/09 16:40
Chloroform		44.8		ug/L	50.0	90%	80 - 133	1	28	9042243		04/12/09 16:40
Chloromethane		36.3		ug/L	50.0	73%	33 - 125	3	21	9042243		04/12/09 16:40
2-Chlorotoluene		50.4		ug/L	50.0	101%	80 - 127	2	16	9042243		04/12/09 16:40
4-Chlorotoluene		49.9		ug/L	50.0	100%	80 - 127	1	17	9042243		04/12/09 16:40
1,2-Dibromo-3-chloropropane		47.7		ug/L	50.0	95%	60 - 136	1	29	9042243		04/12/09 16:40
1,2-Dibromoethane (EDB)		51.8		ug/L	50.0	104%	80 - 125	3	21	9042243		04/12/09 16:40
Dibromomethane		43.2		ug/L	50.0	86%	80 - 124	2	20	9042243		04/12/09 16:40
1,4-Dichlorobenzene		49.2		ug/L	50.0	98%	80 - 120	2	19	9042243		04/12/09 16:40
1,3-Dichlorobenzene		49.8		ug/L	50.0	100%	80 - 123	0.4	18	9042243		04/12/09 16:40
1,2-Dichlorobenzene		49.8		ug/L	50.0	100%	80 - 122	1	23	9042243		04/12/09 16:40
Dichlorodifluoromethane		35.2		ug/L	50.0	70%	36 - 120	3	14	9042243		04/12/09 16:40
1,1-Dichloroethane		44.5		ug/L	50.0	89%	76 - 130	2	15	9042243		04/12/09 16:40
1,2-Dichloroethane		41.1		ug/L	50.0	82%	69 - 136	1	26	9042243		04/12/09 16:40
cis-1,2-Dichloroethene		44.0		ug/L	50.0	88%	80 - 129	2	14	9042243		04/12/09 16:40
1,1-Dichloroethene		45.2		ug/L	50.0	90%	80 - 127	2	26	9042243		04/12/09 16:40
trans-1,2-Dichloroethene		44.8		ug/L	50.0	90%	80 - 131	2	14	9042243		04/12/09 16:40
1,3-Dichloropropane		49.0		ug/L	50.0	98%	80 - 122	2	21	9042243		04/12/09 16:40
1,2-Dichloropropane		42.8		ug/L	50.0	86%	80 - 120	1	16	9042243		04/12/09 16:40
2,2-Dichloropropane		48.5		ug/L	50.0	97%	62 - 142	3	14	9042243		04/12/09 16:40
cis-1,3-Dichloropropene		60.7		ug/L	50.0	121%	76 - 135	1	19	9042243		04/12/09 16:40
trans-1,3-Dichloropropene		47.1		ug/L	50.0	94%	70 - 137	1	20	9042243		04/12/09 16:40
1,1-Dichloropropene		44.6		ug/L	50.0	89%	80 - 127	3	14	9042243		04/12/09 16:40
Ethylbenzene		49.0		ug/L	50.0	98%	80 - 128	2	17	9042243		04/12/09 16:40
Hexachlorobutadiene		52.2		ug/L	50.0	104%	68 - 148	2	34	9042243		04/12/09 16:40
2-Hexanone		254		ug/L	250	101%	69 - 148	4	34	9042243		04/12/09 16:40
Isopropylbenzene		52.6		ug/L	50.0	105%	80 - 121	3	18	9042243		04/12/09 16:40
p-Isopropyltoluene		50.0		ug/L	50.0	100%	79 - 127	2	17	9042243		04/12/09 16:40
Methyl tert-Butyl Ether		45.6		ug/L	50.0	91%	70 - 129	1	32	9042243		04/12/09 16:40
Methylene Chloride		40.9		ug/L	50.0	82%	76 - 135	1	18	9042243		04/12/09 16:40
4-Methyl-2-pentanone		243		ug/L	250	97%	67 - 143	2	31	9042243		04/12/09 16:40
Naphthalene		56.9		ug/L	50.0	114%	62 - 141	0.2	39	9042243		04/12/09 16:40
n-Propylbenzene		50.0		ug/L	50.0	100%	80 - 132	3	17	9042243		04/12/09 16:40

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:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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												
9042243-BSD1												
Styrene		53.2		ug/L	50.0	106%	80 - 139	2	16	9042243		04/12/09 16:40
1,1,1,2-Tetrachloroethane		48.5		ug/L	50.0	97%	80 - 135	0.5	17	9042243		04/12/09 16:40
1,1,2,2-Tetrachloroethane		48.7		ug/L	50.0	97%	65 - 145	2	28	9042243		04/12/09 16:40
Tetrachloroethene		50.1		ug/L	50.0	100%	80 - 125	3	27	9042243		04/12/09 16:40
Toluene		49.8		ug/L	50.0	100%	80 - 125	2	19	9042243		04/12/09 16:40
1,2,3-Trichlorobenzene		50.0		ug/L	50.0	100%	57 - 144	0.6	31	9042243		04/12/09 16:40
1,2,4-Trichlorobenzene		54.5		ug/L	50.0	109%	60 - 140	0.7	26	9042243		04/12/09 16:40
1,1,2-Trichloroethane		49.3		ug/L	50.0	99%	80 - 122	2	21	9042243		04/12/09 16:40
1,1,1-Trichloroethane		46.5		ug/L	50.0	93%	80 - 131	2	16	9042243		04/12/09 16:40
Trichloroethene		44.0		ug/L	50.0	88%	80 - 131	4	28	9042243		04/12/09 16:40
Trichlorofluoromethane		40.0		ug/L	50.0	80%	68 - 125	3	20	9042243		04/12/09 16:40
1,2,3-Trichloropropane		47.7		ug/L	50.0	95%	60 - 127	2	26	9042243		04/12/09 16:40
1,3,5-Trimethylbenzene		51.6		ug/L	50.0	103%	80 - 129	1	16	9042243		04/12/09 16:40
1,2,4-Trimethylbenzene		52.0		ug/L	50.0	104%	80 - 128	1	22	9042243		04/12/09 16:40
Vinyl chloride		38.7		ug/L	50.0	77%	69 - 120	2	26	9042243		04/12/09 16:40
Xylenes, total		149		ug/L	150	99%	80 - 129	2	18	9042243		04/12/09 16:40
Surrogate: 1,2-Dichloroethane-d4		22.1		ug/L	25.0	88%	60 - 140			9042243		04/12/09 16:40
Surrogate: Dibromofluoromethane		23.7		ug/L	25.0	95%	75 - 124			9042243		04/12/09 16:40
Surrogate: Toluene-d8		27.3		ug/L	25.0	109%	78 - 121			9042243		04/12/09 16:40
Surrogate: 4-Bromofluorobenzene		25.7		ug/L	25.0	103%	79 - 124			9042243		04/12/09 16:40

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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										
9042333-MS1										
Cyanide, Weak Acid Dissociable	0.0333	0.0846	M8	mg/L	0.100	51%	72 - 121	9042333	NSD0833-02	04/16/09 18:11
9042334-MS1										
Cyanide	0.0229	0.109		mg/L	0.100	86%	68 - 134	9042334	NSD0833-01	04/16/09 18:11
Volatile Organic Compounds by EPA Method 8260B										
9041068-MS1										
Acetone	ND	227		ug/L	250	91%	55 - 148	9041068	NSD0579-01	04/15/09 11:14
Benzene	ND	48.8		ug/L	50.0	98%	68 - 143	9041068	NSD0579-01	04/15/09 11:14
Bromobenzene	ND	54.5		ug/L	50.0	109%	65 - 140	9041068	NSD0579-01	04/15/09 11:14
Bromochloromethane	ND	49.9		ug/L	50.0	100%	80 - 137	9041068	NSD0579-01	04/15/09 11:14
Bromodichloromethane	0.340	58.2		ug/L	50.0	116%	80 - 132	9041068	NSD0579-01	04/15/09 11:14
Bromoform	ND	51.5		ug/L	50.0	103%	67 - 123	9041068	NSD0579-01	04/15/09 11:14
Bromomethane	ND	55.3		ug/L	50.0	111%	39 - 166	9041068	NSD0579-01	04/15/09 11:14
2-Butanone	ND	232		ug/L	250	93%	50 - 154	9041068	NSD0579-01	04/15/09 11:14
sec-Butylbenzene	ND	58.0		ug/L	50.0	116%	73 - 142	9041068	NSD0579-01	04/15/09 11:14
n-Butylbenzene	ND	60.0		ug/L	50.0	120%	64 - 147	9041068	NSD0579-01	04/15/09 11:14
tert-Butylbenzene	ND	57.4		ug/L	50.0	115%	70 - 148	9041068	NSD0579-01	04/15/09 11:14
Carbon disulfide	ND	57.0		ug/L	50.0	114%	79 - 147	9041068	NSD0579-01	04/15/09 11:14
Carbon Tetrachloride	ND	62.0		ug/L	50.0	124%	62 - 165	9041068	NSD0579-01	04/15/09 11:14
Chlorobenzene	ND	54.3		ug/L	50.0	109%	67 - 140	9041068	NSD0579-01	04/15/09 11:14
Chlorodibromomethane	ND	53.1		ug/L	50.0	106%	72 - 123	9041068	NSD0579-01	04/15/09 11:14
Chloroethane	ND	48.0		ug/L	50.0	96%	74 - 151	9041068	NSD0579-01	04/15/09 11:14
Chloroform	ND	52.4		ug/L	50.0	105%	59 - 152	9041068	NSD0579-01	04/15/09 11:14
Chloromethane	ND	40.6		ug/L	50.0	81%	33 - 138	9041068	NSD0579-01	04/15/09 11:14
2-Chlorotoluene	ND	55.9		ug/L	50.0	112%	76 - 134	9041068	NSD0579-01	04/15/09 11:14
4-Chlorotoluene	ND	55.6		ug/L	50.0	111%	80 - 133	9041068	NSD0579-01	04/15/09 11:14
1,2-Dibromo-3-chloropropane	ND	50.4		ug/L	50.0	101%	60 - 136	9041068	NSD0579-01	04/15/09 11:14
1,2-Dibromoethane (EDB)	ND	56.9		ug/L	50.0	114%	80 - 132	9041068	NSD0579-01	04/15/09 11:14
Dibromomethane	ND	48.5		ug/L	50.0	97%	79 - 131	9041068	NSD0579-01	04/15/09 11:14
1,4-Dichlorobenzene	ND	53.6		ug/L	50.0	107%	80 - 126	9041068	NSD0579-01	04/15/09 11:14
1,3-Dichlorobenzene	ND	54.8		ug/L	50.0	110%	75 - 132	9041068	NSD0579-01	04/15/09 11:14
1,2-Dichlorobenzene	ND	53.9		ug/L	50.0	108%	80 - 130	9041068	NSD0579-01	04/15/09 11:14
Dichlorodifluoromethane	ND	43.1		ug/L	50.0	86%	36 - 146	9041068	NSD0579-01	04/15/09 11:14
1,1-Dichloroethane	ND	51.6		ug/L	50.0	103%	76 - 131	9041068	NSD0579-01	04/15/09 11:14
1,2-Dichloroethane	ND	47.6		ug/L	50.0	95%	53 - 146	9041068	NSD0579-01	04/15/09 11:14
cis-1,2-Dichloroethene	ND	51.7		ug/L	50.0	103%	76 - 141	9041068	NSD0579-01	04/15/09 11:14
1,1-Dichloroethene	ND	53.2		ug/L	50.0	106%	63 - 157	9041068	NSD0579-01	04/15/09 11:14

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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										
9041068-MS1										
trans-1,2-Dichloroethene	ND	52.6		ug/L	50.0	105%	78 - 137	9041068	NSD0579-01	04/15/09 11:14
1,3-Dichloropropane	ND	54.0		ug/L	50.0	108%	76 - 130	9041068	NSD0579-01	04/15/09 11:14
1,2-Dichloropropane	ND	48.0		ug/L	50.0	96%	77 - 128	9041068	NSD0579-01	04/15/09 11:14
2,2-Dichloropropane	ND	63.4		ug/L	50.0	127%	62 - 145	9041068	NSD0579-01	04/15/09 11:14
cis-1,3-Dichloropropene	ND	70.2		ug/L	50.0	140%	71 - 140	9041068	NSD0579-01	04/15/09 11:14
trans-1,3-Dichloropropene	ND	53.6		ug/L	50.0	107%	65 - 137	9041068	NSD0579-01	04/15/09 11:14
1,1-Dichloropropene	ND	53.8		ug/L	50.0	108%	80 - 136	9041068	NSD0579-01	04/15/09 11:14
Ethylbenzene	ND	56.6		ug/L	50.0	113%	80 - 135	9041068	NSD0579-01	04/15/09 11:14
Hexachlorobutadiene	ND	65.6		ug/L	50.0	131%	48 - 155	9041068	NSD0579-01	04/15/09 11:14
2-Hexanone	ND	267		ug/L	250	107%	58 - 154	9041068	NSD0579-01	04/15/09 11:14
Isopropylbenzene	ND	60.7		ug/L	50.0	121%	80 - 135	9041068	NSD0579-01	04/15/09 11:14
p-Isopropyltoluene	ND	56.8		ug/L	50.0	114%	74 - 139	9041068	NSD0579-01	04/15/09 11:14
Methyl tert-Butyl Ether	ND	49.8		ug/L	50.0	100%	60 - 144	9041068	NSD0579-01	04/15/09 11:14
Methylene Chloride	ND	45.4		ug/L	50.0	91%	64 - 140	9041068	NSD0579-01	04/15/09 11:14
4-Methyl-2-pentanone	ND	261		ug/L	250	104%	55 - 153	9041068	NSD0579-01	04/15/09 11:14
Naphthalene	ND	59.0		ug/L	50.0	118%	50 - 154	9041068	NSD0579-01	04/15/09 11:14
n-Propylbenzene	ND	56.5		ug/L	50.0	113%	78 - 141	9041068	NSD0579-01	04/15/09 11:14
Styrene	ND	59.9		ug/L	50.0	120%	80 - 139	9041068	NSD0579-01	04/15/09 11:14
1,1,1,2-Tetrachloroethane	ND	55.0		ug/L	50.0	110%	75 - 140	9041068	NSD0579-01	04/15/09 11:14
1,1,2,2-Tetrachloroethane	ND	51.1		ug/L	50.0	102%	55 - 152	9041068	NSD0579-01	04/15/09 11:14
Tetrachloroethene	ND	58.1		ug/L	50.0	116%	67 - 150	9041068	NSD0579-01	04/15/09 11:14
Toluene	ND	56.8	B	ug/L	50.0	114%	75 - 139	9041068	NSD0579-01	04/15/09 11:14
1,2,3-Trichlorobenzene	ND	53.5		ug/L	50.0	107%	49 - 144	9041068	NSD0579-01	04/15/09 11:14
1,2,4-Trichlorobenzene	ND	58.8		ug/L	50.0	118%	55 - 135	9041068	NSD0579-01	04/15/09 11:14
1,1,2-Trichloroethane	ND	54.0		ug/L	50.0	108%	77 - 128	9041068	NSD0579-01	04/15/09 11:14
1,1,1-Trichloroethane	ND	56.3		ug/L	50.0	113%	80 - 136	9041068	NSD0579-01	04/15/09 11:14
Trichloroethene	ND	51.9		ug/L	50.0	104%	57 - 158	9041068	NSD0579-01	04/15/09 11:14
Trichlorofluoromethane	ND	49.5		ug/L	50.0	99%	68 - 145	9041068	NSD0579-01	04/15/09 11:14
1,2,3-Trichloropropane	ND	51.7		ug/L	50.0	103%	55 - 137	9041068	NSD0579-01	04/15/09 11:14
1,3,5-Trimethylbenzene	ND	57.8		ug/L	50.0	116%	78 - 136	9041068	NSD0579-01	04/15/09 11:14
1,2,4-Trimethylbenzene	ND	57.7		ug/L	50.0	115%	70 - 143	9041068	NSD0579-01	04/15/09 11:14
Vinyl chloride	ND	45.2		ug/L	50.0	90%	49 - 156	9041068	NSD0579-01	04/15/09 11:14
Xylenes, total	ND	171		ug/L	150	114%	80 - 136	9041068	NSD0579-01	04/15/09 11:14
Surrogate: 1,2-Dichloroethane-d4		23.1		ug/L	25.0	93%	60 - 140	9041068	NSD0579-01	04/15/09 11:14
Surrogate: Dibromofluoromethane		24.0		ug/L	25.0	96%	75 - 124	9041068	NSD0579-01	04/15/09 11:14
Surrogate: Toluene-d8		27.0		ug/L	25.0	108%	78 - 121	9041068	NSD0579-01	04/15/09 11:14
Surrogate: 4-Bromofluorobenzene		25.2		ug/L	25.0	101%	79 - 124	9041068	NSD0579-01	04/15/09 11:14

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:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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										
9041744-MS1										
Acetone	ND	236		ug/L	250	94%	55 - 148	9041744	NSD0863-13	04/15/09 23:30
Benzene	ND	57.6		ug/L	50.0	115%	68 - 143	9041744	NSD0863-13	04/15/09 23:30
Bromobenzene	ND	50.2		ug/L	50.0	100%	65 - 140	9041744	NSD0863-13	04/15/09 23:30
Bromochloromethane	ND	53.6		ug/L	50.0	107%	80 - 137	9041744	NSD0863-13	04/15/09 23:30
Bromodichloromethane	ND	58.1		ug/L	50.0	116%	80 - 132	9041744	NSD0863-13	04/15/09 23:30
Bromoform	ND	47.9		ug/L	50.0	96%	67 - 123	9041744	NSD0863-13	04/15/09 23:30
Bromomethane	ND	56.9		ug/L	50.0	114%	39 - 166	9041744	NSD0863-13	04/15/09 23:30
2-Butanone	ND	281		ug/L	250	113%	50 - 154	9041744	NSD0863-13	04/15/09 23:30
sec-Butylbenzene	ND	57.5		ug/L	50.0	115%	73 - 142	9041744	NSD0863-13	04/15/09 23:30
n-Butylbenzene	ND	57.6		ug/L	50.0	115%	64 - 147	9041744	NSD0863-13	04/15/09 23:30
tert-Butylbenzene	ND	57.9		ug/L	50.0	116%	70 - 148	9041744	NSD0863-13	04/15/09 23:30
Carbon disulfide	ND	57.8		ug/L	50.0	116%	79 - 147	9041744	NSD0863-13	04/15/09 23:30
Carbon Tetrachloride	ND	63.0		ug/L	50.0	126%	62 - 165	9041744	NSD0863-13	04/15/09 23:30
Chlorobenzene	ND	53.8		ug/L	50.0	108%	67 - 140	9041744	NSD0863-13	04/15/09 23:30
Chlorodibromomethane	ND	56.2		ug/L	50.0	112%	72 - 123	9041744	NSD0863-13	04/15/09 23:30
Chloroethane	ND	50.2		ug/L	50.0	100%	74 - 151	9041744	NSD0863-13	04/15/09 23:30
Chloroform	ND	53.2		ug/L	50.0	106%	59 - 152	9041744	NSD0863-13	04/15/09 23:30
Chloromethane	ND	48.7		ug/L	50.0	97%	33 - 138	9041744	NSD0863-13	04/15/09 23:30
2-Chlorotoluene	ND	53.6		ug/L	50.0	107%	76 - 134	9041744	NSD0863-13	04/15/09 23:30
4-Chlorotoluene	ND	54.1		ug/L	50.0	108%	80 - 133	9041744	NSD0863-13	04/15/09 23:30
1,2-Dibromo-3-chloropropane	ND	50.2		ug/L	50.0	100%	60 - 136	9041744	NSD0863-13	04/15/09 23:30
1,2-Dibromoethane (EDB)	ND	53.6		ug/L	50.0	107%	80 - 132	9041744	NSD0863-13	04/15/09 23:30
Dibromomethane	ND	54.4		ug/L	50.0	109%	79 - 131	9041744	NSD0863-13	04/15/09 23:30
1,4-Dichlorobenzene	ND	51.6		ug/L	50.0	103%	80 - 126	9041744	NSD0863-13	04/15/09 23:30
1,3-Dichlorobenzene	ND	54.2		ug/L	50.0	108%	75 - 132	9041744	NSD0863-13	04/15/09 23:30
1,2-Dichlorobenzene	ND	53.8		ug/L	50.0	108%	80 - 130	9041744	NSD0863-13	04/15/09 23:30
Dichlorodifluoromethane	ND	51.8		ug/L	50.0	104%	36 - 146	9041744	NSD0863-13	04/15/09 23:30
1,1-Dichloroethane	ND	58.1		ug/L	50.0	116%	76 - 131	9041744	NSD0863-13	04/15/09 23:30
1,2-Dichloroethane	ND	55.8		ug/L	50.0	112%	53 - 146	9041744	NSD0863-13	04/15/09 23:30
cis-1,2-Dichloroethene	ND	57.2		ug/L	50.0	114%	76 - 141	9041744	NSD0863-13	04/15/09 23:30
1,1-Dichloroethene	ND	57.4		ug/L	50.0	115%	63 - 157	9041744	NSD0863-13	04/15/09 23:30
trans-1,2-Dichloroethene	ND	57.0		ug/L	50.0	114%	78 - 137	9041744	NSD0863-13	04/15/09 23:30
1,3-Dichloropropane	ND	51.7		ug/L	50.0	103%	76 - 130	9041744	NSD0863-13	04/15/09 23:30
1,2-Dichloropropane	ND	49.5		ug/L	50.0	99%	77 - 128	9041744	NSD0863-13	04/15/09 23:30
2,2-Dichloropropane	ND	56.9		ug/L	50.0	114%	62 - 145	9041744	NSD0863-13	04/15/09 23:30
cis-1,3-Dichloropropene	ND	53.4		ug/L	50.0	107%	71 - 140	9041744	NSD0863-13	04/15/09 23:30
trans-1,3-Dichloropropene	ND	53.9		ug/L	50.0	108%	65 - 137	9041744	NSD0863-13	04/15/09 23:30

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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										
9041744-MS1										
1,1-Dichloropropene	ND	61.8		ug/L	50.0	124%	80 - 136	9041744	NSD0863-13	04/15/09 23:30
Ethylbenzene	ND	58.5		ug/L	50.0	117%	80 - 135	9041744	NSD0863-13	04/15/09 23:30
Hexachlorobutadiene	ND	51.8		ug/L	50.0	104%	48 - 155	9041744	NSD0863-13	04/15/09 23:30
2-Hexanone	ND	259		ug/L	250	104%	58 - 154	9041744	NSD0863-13	04/15/09 23:30
Isopropylbenzene	ND	62.6		ug/L	50.0	125%	80 - 135	9041744	NSD0863-13	04/15/09 23:30
p-Isopropyltoluene	ND	56.0		ug/L	50.0	112%	74 - 139	9041744	NSD0863-13	04/15/09 23:30
Methyl tert-Butyl Ether	ND	56.8		ug/L	50.0	114%	60 - 144	9041744	NSD0863-13	04/15/09 23:30
Methylene Chloride	ND	49.6		ug/L	50.0	99%	64 - 140	9041744	NSD0863-13	04/15/09 23:30
4-Methyl-2-pentanone	ND	273		ug/L	250	109%	55 - 153	9041744	NSD0863-13	04/15/09 23:30
Naphthalene	ND	53.2		ug/L	50.0	106%	50 - 154	9041744	NSD0863-13	04/15/09 23:30
n-Propylbenzene	ND	56.2		ug/L	50.0	112%	78 - 141	9041744	NSD0863-13	04/15/09 23:30
Styrene	ND	52.1		ug/L	50.0	104%	80 - 139	9041744	NSD0863-13	04/15/09 23:30
1,1,1,2-Tetrachloroethane	ND	54.6		ug/L	50.0	109%	75 - 140	9041744	NSD0863-13	04/15/09 23:30
1,1,2,2-Tetrachloroethane	ND	50.0		ug/L	50.0	100%	55 - 152	9041744	NSD0863-13	04/15/09 23:30
Tetrachloroethene	ND	48.8		ug/L	50.0	98%	67 - 150	9041744	NSD0863-13	04/15/09 23:30
Toluene	ND	54.0		ug/L	50.0	108%	75 - 139	9041744	NSD0863-13	04/15/09 23:30
1,2,3-Trichlorobenzene	ND	48.1		ug/L	50.0	96%	49 - 144	9041744	NSD0863-13	04/15/09 23:30
1,2,4-Trichlorobenzene	ND	50.4		ug/L	50.0	101%	55 - 135	9041744	NSD0863-13	04/15/09 23:30
1,1,2-Trichloroethane	ND	53.9		ug/L	50.0	108%	77 - 128	9041744	NSD0863-13	04/15/09 23:30
1,1,1-Trichloroethane	ND	58.1		ug/L	50.0	116%	80 - 136	9041744	NSD0863-13	04/15/09 23:30
Trichloroethene	0.490	52.4		ug/L	50.0	104%	57 - 158	9041744	NSD0863-13	04/15/09 23:30
Trichlorofluoromethane	ND	57.4		ug/L	50.0	115%	68 - 145	9041744	NSD0863-13	04/15/09 23:30
1,2,3-Trichloropropane	ND	44.9		ug/L	50.0	90%	55 - 137	9041744	NSD0863-13	04/15/09 23:30
1,3,5-Trimethylbenzene	ND	56.6		ug/L	50.0	113%	78 - 136	9041744	NSD0863-13	04/15/09 23:30
1,2,4-Trimethylbenzene	ND	57.0		ug/L	50.0	114%	70 - 143	9041744	NSD0863-13	04/15/09 23:30
Vinyl chloride	ND	48.1		ug/L	50.0	96%	49 - 156	9041744	NSD0863-13	04/15/09 23:30
Xylenes, total	ND	173		ug/L	150	115%	80 - 136	9041744	NSD0863-13	04/15/09 23:30
Surrogate: 1,2-Dichloroethane-d4		30.9		ug/L	30.0	103%	60 - 140	9041744	NSD0863-13	04/15/09 23:30
Surrogate: Dibromofluoromethane		30.4		ug/L	30.0	101%	75 - 124	9041744	NSD0863-13	04/15/09 23:30
Surrogate: Toluene-d8		30.0		ug/L	30.0	100%	78 - 121	9041744	NSD0863-13	04/15/09 23:30
Surrogate: 4-Bromofluorobenzene		30.4		ug/L	30.0	101%	79 - 124	9041744	NSD0863-13	04/15/09 23:30
9041759-MS1										
Acetone	ND	230		ug/L	250	92%	55 - 148	9041759	NSD0945-11	04/13/09 12:19
Benzene	ND	47.5		ug/L	50.0	95%	68 - 143	9041759	NSD0945-11	04/13/09 12:19
Bromobenzene	ND	53.6		ug/L	50.0	107%	65 - 140	9041759	NSD0945-11	04/13/09 12:19
Bromochloromethane	ND	48.5		ug/L	50.0	97%	80 - 137	9041759	NSD0945-11	04/13/09 12:19
Bromodichloromethane	ND	53.9		ug/L	50.0	108%	80 - 132	9041759	NSD0945-11	04/13/09 12:19

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:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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										
9041759-MS1										
Bromoform	ND	46.9		ug/L	50.0	94%	67 - 123	9041759	NSD0945-11	04/13/09 12:19
Bromomethane	ND	26.9		ug/L	50.0	54%	39 - 166	9041759	NSD0945-11	04/13/09 12:19
2-Butanone	ND	229		ug/L	250	92%	50 - 154	9041759	NSD0945-11	04/13/09 12:19
sec-Butylbenzene	ND	53.8		ug/L	50.0	108%	73 - 142	9041759	NSD0945-11	04/13/09 12:19
n-Butylbenzene	ND	49.9		ug/L	50.0	100%	64 - 147	9041759	NSD0945-11	04/13/09 12:19
tert-Butylbenzene	ND	55.6		ug/L	50.0	111%	70 - 148	9041759	NSD0945-11	04/13/09 12:19
Carbon disulfide	ND	45.7		ug/L	50.0	91%	79 - 147	9041759	NSD0945-11	04/13/09 12:19
Carbon Tetrachloride	ND	53.7		ug/L	50.0	107%	62 - 165	9041759	NSD0945-11	04/13/09 12:19
Chlorobenzene	ND	54.3		ug/L	50.0	109%	67 - 140	9041759	NSD0945-11	04/13/09 12:19
Chlorodibromomethane	ND	48.8		ug/L	50.0	98%	72 - 123	9041759	NSD0945-11	04/13/09 12:19
Chloroethane	ND	23.6	M2	ug/L	50.0	47%	74 - 151	9041759	NSD0945-11	04/13/09 12:19
Chloroform	ND	50.8		ug/L	50.0	102%	59 - 152	9041759	NSD0945-11	04/13/09 12:19
Chloromethane	ND	11.4	M2	ug/L	50.0	23%	33 - 138	9041759	NSD0945-11	04/13/09 12:19
2-Chlorotoluene	ND	54.7		ug/L	50.0	109%	76 - 134	9041759	NSD0945-11	04/13/09 12:19
4-Chlorotoluene	ND	53.3		ug/L	50.0	107%	80 - 133	9041759	NSD0945-11	04/13/09 12:19
1,2-Dibromo-3-chloropropane	ND	46.0		ug/L	50.0	92%	60 - 136	9041759	NSD0945-11	04/13/09 12:19
1,2-Dibromoethane (EDB)	ND	55.5		ug/L	50.0	111%	80 - 132	9041759	NSD0945-11	04/13/09 12:19
Dibromomethane	ND	46.7		ug/L	50.0	93%	79 - 131	9041759	NSD0945-11	04/13/09 12:19
1,4-Dichlorobenzene	ND	51.6		ug/L	50.0	103%	80 - 126	9041759	NSD0945-11	04/13/09 12:19
1,3-Dichlorobenzene	ND	51.8		ug/L	50.0	104%	75 - 132	9041759	NSD0945-11	04/13/09 12:19
1,2-Dichlorobenzene	ND	52.2		ug/L	50.0	104%	80 - 130	9041759	NSD0945-11	04/13/09 12:19
Dichlorodifluoromethane	ND	2.49	M2	ug/L	50.0	5%	36 - 146	9041759	NSD0945-11	04/13/09 12:19
1,1-Dichloroethane	ND	50.3		ug/L	50.0	101%	76 - 131	9041759	NSD0945-11	04/13/09 12:19
1,2-Dichloroethane	ND	45.4		ug/L	50.0	91%	53 - 146	9041759	NSD0945-11	04/13/09 12:19
cis-1,2-Dichloroethene	ND	49.1		ug/L	50.0	98%	76 - 141	9041759	NSD0945-11	04/13/09 12:19
1,1-Dichloroethene	ND	47.6		ug/L	50.0	95%	63 - 157	9041759	NSD0945-11	04/13/09 12:19
trans-1,2-Dichloroethene	ND	49.4		ug/L	50.0	99%	78 - 137	9041759	NSD0945-11	04/13/09 12:19
1,3-Dichloropropane	ND	53.4		ug/L	50.0	107%	76 - 130	9041759	NSD0945-11	04/13/09 12:19
1,2-Dichloropropane	ND	47.5		ug/L	50.0	95%	77 - 128	9041759	NSD0945-11	04/13/09 12:19
2,2-Dichloropropane	ND	49.0		ug/L	50.0	98%	62 - 145	9041759	NSD0945-11	04/13/09 12:19
cis-1,3-Dichloropropene	ND	64.4		ug/L	50.0	129%	71 - 140	9041759	NSD0945-11	04/13/09 12:19
trans-1,3-Dichloropropene	ND	48.1		ug/L	50.0	96%	65 - 137	9041759	NSD0945-11	04/13/09 12:19
1,1-Dichloropropene	ND	51.3		ug/L	50.0	103%	80 - 136	9041759	NSD0945-11	04/13/09 12:19
Ethylbenzene	ND	55.8		ug/L	50.0	112%	80 - 135	9041759	NSD0945-11	04/13/09 12:19
Hexachlorobutadiene	ND	45.8		ug/L	50.0	92%	48 - 155	9041759	NSD0945-11	04/13/09 12:19
2-Hexanone	ND	291		ug/L	250	117%	58 - 154	9041759	NSD0945-11	04/13/09 12:19
Isopropylbenzene	ND	59.3		ug/L	50.0	119%	80 - 135	9041759	NSD0945-11	04/13/09 12:19

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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										
9041759-MS1										
p-Isopropyltoluene	ND	52.3		ug/L	50.0	105%	74 - 139	9041759	NSD0945-11	04/13/09 12:19
Methyl tert-Butyl Ether	1.11	49.1		ug/L	50.0	96%	60 - 144	9041759	NSD0945-11	04/13/09 12:19
Methylene Chloride	ND	44.0		ug/L	50.0	88%	64 - 140	9041759	NSD0945-11	04/13/09 12:19
4-Methyl-2-pentanone	ND	279		ug/L	250	112%	55 - 153	9041759	NSD0945-11	04/13/09 12:19
Naphthalene	ND	58.2		ug/L	50.0	116%	50 - 154	9041759	NSD0945-11	04/13/09 12:19
n-Propylbenzene	ND	53.9		ug/L	50.0	108%	78 - 141	9041759	NSD0945-11	04/13/09 12:19
Styrene	ND	58.4		ug/L	50.0	117%	80 - 139	9041759	NSD0945-11	04/13/09 12:19
1,1,1,2-Tetrachloroethane	ND	52.4		ug/L	50.0	105%	75 - 140	9041759	NSD0945-11	04/13/09 12:19
1,1,2,2-Tetrachloroethane	ND	51.7		ug/L	50.0	103%	55 - 152	9041759	NSD0945-11	04/13/09 12:19
Tetrachloroethene	ND	56.4		ug/L	50.0	113%	67 - 150	9041759	NSD0945-11	04/13/09 12:19
Toluene	ND	56.3		ug/L	50.0	113%	75 - 139	9041759	NSD0945-11	04/13/09 12:19
1,2,3-Trichlorobenzene	ND	46.2		ug/L	50.0	92%	49 - 144	9041759	NSD0945-11	04/13/09 12:19
1,2,4-Trichlorobenzene	ND	50.4		ug/L	50.0	101%	55 - 135	9041759	NSD0945-11	04/13/09 12:19
1,1,2-Trichloroethane	ND	53.3		ug/L	50.0	107%	77 - 128	9041759	NSD0945-11	04/13/09 12:19
1,1,1-Trichloroethane	ND	52.0		ug/L	50.0	104%	80 - 136	9041759	NSD0945-11	04/13/09 12:19
Trichloroethene	ND	49.9		ug/L	50.0	100%	57 - 158	9041759	NSD0945-11	04/13/09 12:19
Trichlorofluoromethane	ND	32.9	M2	ug/L	50.0	66%	68 - 145	9041759	NSD0945-11	04/13/09 12:19
1,2,3-Trichloropropane	ND	49.5		ug/L	50.0	99%	55 - 137	9041759	NSD0945-11	04/13/09 12:19
1,3,5-Trimethylbenzene	ND	55.6		ug/L	50.0	111%	78 - 136	9041759	NSD0945-11	04/13/09 12:19
1,2,4-Trimethylbenzene	ND	55.7		ug/L	50.0	111%	70 - 143	9041759	NSD0945-11	04/13/09 12:19
Vinyl chloride	ND	17.0	M2	ug/L	50.0	34%	49 - 156	9041759	NSD0945-11	04/13/09 12:19
Xylenes, total	ND	168		ug/L	150	112%	80 - 136	9041759	NSD0945-11	04/13/09 12:19
Surrogate: 1,2-Dichloroethane-d4		22.5		ug/L	25.0	90%	60 - 140	9041759	NSD0945-11	04/13/09 12:19
Surrogate: Dibromofluoromethane		23.7		ug/L	25.0	95%	75 - 124	9041759	NSD0945-11	04/13/09 12:19
Surrogate: Toluene-d8		27.3		ug/L	25.0	109%	78 - 121	9041759	NSD0945-11	04/13/09 12:19
Surrogate: 4-Bromofluorobenzene		25.5		ug/L	25.0	102%	79 - 124	9041759	NSD0945-11	04/13/09 12:19
9042243-MS1										
Acetone	ND	252		ug/L	250	101%	55 - 148	9042243	NSD0833-01	04/14/09 22:58
Benzene	ND	48.9		ug/L	50.0	98%	68 - 143	9042243	NSD0833-01	04/14/09 22:58
Bromobenzene	ND	59.9		ug/L	50.0	120%	65 - 140	9042243	NSD0833-01	04/14/09 22:58
Bromochloromethane	ND	51.7		ug/L	50.0	103%	80 - 137	9042243	NSD0833-01	04/14/09 22:58
Bromodichloromethane	ND	63.1		ug/L	50.0	126%	80 - 132	9042243	NSD0833-01	04/14/09 22:58
Bromoform	ND	57.5		ug/L	50.0	115%	67 - 123	9042243	NSD0833-01	04/14/09 22:58
Bromomethane	ND	45.4		ug/L	50.0	91%	39 - 166	9042243	NSD0833-01	04/14/09 22:58
2-Butanone	ND	253		ug/L	250	101%	50 - 154	9042243	NSD0833-01	04/14/09 22:58
sec-Butylbenzene	ND	58.2		ug/L	50.0	116%	73 - 142	9042243	NSD0833-01	04/14/09 22:58
n-Butylbenzene	ND	57.6		ug/L	50.0	115%	64 - 147	9042243	NSD0833-01	04/14/09 22:58

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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										
9042243-MS1										
tert-Butylbenzene	ND	60.2		ug/L	50.0	120%	70 - 148	9042243	NSD0833-01	04/14/09 22:58
Carbon disulfide	ND	36.3	M2	ug/L	50.0	73%	79 - 147	9042243	NSD0833-01	04/14/09 22:58
Carbon Tetrachloride	ND	60.5		ug/L	50.0	121%	62 - 165	9042243	NSD0833-01	04/14/09 22:58
Chlorobenzene	ND	58.1		ug/L	50.0	116%	67 - 140	9042243	NSD0833-01	04/14/09 22:58
Chlorodibromomethane	ND	58.2		ug/L	50.0	116%	72 - 123	9042243	NSD0833-01	04/14/09 22:58
Chloroethane	ND	41.7		ug/L	50.0	83%	74 - 151	9042243	NSD0833-01	04/14/09 22:58
Chloroform	ND	57.0		ug/L	50.0	114%	59 - 152	9042243	NSD0833-01	04/14/09 22:58
Chloromethane	ND	32.1		ug/L	50.0	64%	33 - 138	9042243	NSD0833-01	04/14/09 22:58
2-Chlorotoluene	ND	59.6		ug/L	50.0	119%	76 - 134	9042243	NSD0833-01	04/14/09 22:58
4-Chlorotoluene	ND	58.6		ug/L	50.0	117%	80 - 133	9042243	NSD0833-01	04/14/09 22:58
1,2-Dibromo-3-chloropropane	ND	56.5		ug/L	50.0	113%	60 - 136	9042243	NSD0833-01	04/14/09 22:58
1,2-Dibromoethane (EDB)	ND	60.4		ug/L	50.0	121%	80 - 132	9042243	NSD0833-01	04/14/09 22:58
Dibromomethane	ND	51.1		ug/L	50.0	102%	79 - 131	9042243	NSD0833-01	04/14/09 22:58
1,4-Dichlorobenzene	ND	57.1		ug/L	50.0	114%	80 - 126	9042243	NSD0833-01	04/14/09 22:58
1,3-Dichlorobenzene	ND	57.8		ug/L	50.0	116%	75 - 132	9042243	NSD0833-01	04/14/09 22:58
1,2-Dichlorobenzene	ND	58.7		ug/L	50.0	117%	80 - 130	9042243	NSD0833-01	04/14/09 22:58
Dichlorodifluoromethane	ND	28.4		ug/L	50.0	57%	36 - 146	9042243	NSD0833-01	04/14/09 22:58
1,1-Dichloroethane	ND	54.7		ug/L	50.0	109%	76 - 131	9042243	NSD0833-01	04/14/09 22:58
1,2-Dichloroethane	ND	49.5		ug/L	50.0	99%	53 - 146	9042243	NSD0833-01	04/14/09 22:58
cis-1,2-Dichloroethene	0.280	53.6		ug/L	50.0	107%	76 - 141	9042243	NSD0833-01	04/14/09 22:58
1,1-Dichloroethene	ND	48.2		ug/L	50.0	96%	63 - 157	9042243	NSD0833-01	04/14/09 22:58
trans-1,2-Dichloroethene	ND	48.7		ug/L	50.0	97%	78 - 137	9042243	NSD0833-01	04/14/09 22:58
1,3-Dichloropropane	ND	58.7		ug/L	50.0	117%	76 - 130	9042243	NSD0833-01	04/14/09 22:58
1,2-Dichloropropane	ND	52.6		ug/L	50.0	105%	77 - 128	9042243	NSD0833-01	04/14/09 22:58
2,2-Dichloropropane	ND	64.4		ug/L	50.0	129%	62 - 145	9042243	NSD0833-01	04/14/09 22:58
cis-1,3-Dichloropropene	ND	74.5	M1	ug/L	50.0	149%	71 - 140	9042243	NSD0833-01	04/14/09 22:58
trans-1,3-Dichloropropene	ND	56.9		ug/L	50.0	114%	65 - 137	9042243	NSD0833-01	04/14/09 22:58
1,1-Dichloropropene	ND	50.6		ug/L	50.0	101%	80 - 136	9042243	NSD0833-01	04/14/09 22:58
Ethylbenzene	ND	57.9		ug/L	50.0	116%	80 - 135	9042243	NSD0833-01	04/14/09 22:58
Hexachlorobutadiene	ND	66.3		ug/L	50.0	133%	48 - 155	9042243	NSD0833-01	04/14/09 22:58
2-Hexanone	ND	300		ug/L	250	120%	58 - 154	9042243	NSD0833-01	04/14/09 22:58
Isopropylbenzene	ND	62.4		ug/L	50.0	125%	80 - 135	9042243	NSD0833-01	04/14/09 22:58
p-Isopropyltoluene	ND	56.6		ug/L	50.0	113%	74 - 139	9042243	NSD0833-01	04/14/09 22:58
Methyl tert-Butyl Ether	ND	53.0		ug/L	50.0	106%	60 - 144	9042243	NSD0833-01	04/14/09 22:58
Methylene Chloride	ND	45.8		ug/L	50.0	92%	64 - 140	9042243	NSD0833-01	04/14/09 22:58
4-Methyl-2-pentanone	ND	293		ug/L	250	117%	55 - 153	9042243	NSD0833-01	04/14/09 22:58
Naphthalene	ND	64.5		ug/L	50.0	129%	50 - 154	9042243	NSD0833-01	04/14/09 22:58

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:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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										
9042243-MS1										
n-Propylbenzene	ND	57.0		ug/L	50.0	114%	78 - 141	9042243	NSD0833-01	04/14/09 22:58
Styrene	ND	64.2		ug/L	50.0	128%	80 - 139	9042243	NSD0833-01	04/14/09 22:58
1,1,1,2-Tetrachloroethane	ND	61.0		ug/L	50.0	122%	75 - 140	9042243	NSD0833-01	04/14/09 22:58
1,1,2,2-Tetrachloroethane	ND	59.5		ug/L	50.0	119%	55 - 152	9042243	NSD0833-01	04/14/09 22:58
Tetrachloroethene	ND	54.3		ug/L	50.0	109%	67 - 150	9042243	NSD0833-01	04/14/09 22:58
Toluene	ND	57.6		ug/L	50.0	115%	75 - 139	9042243	NSD0833-01	04/14/09 22:58
1,2,3-Trichlorobenzene	ND	55.5		ug/L	50.0	111%	49 - 144	9042243	NSD0833-01	04/14/09 22:58
1,2,4-Trichlorobenzene	ND	60.1		ug/L	50.0	120%	55 - 135	9042243	NSD0833-01	04/14/09 22:58
1,1,2-Trichloroethane	ND	60.4		ug/L	50.0	121%	77 - 128	9042243	NSD0833-01	04/14/09 22:58
1,1,1-Trichloroethane	ND	58.5		ug/L	50.0	117%	80 - 136	9042243	NSD0833-01	04/14/09 22:58
Trichloroethene	7.58	58.6		ug/L	50.0	102%	57 - 158	9042243	NSD0833-01	04/14/09 22:58
Trichlorofluoromethane	ND	43.4		ug/L	50.0	87%	68 - 145	9042243	NSD0833-01	04/14/09 22:58
1,2,3-Trichloropropane	ND	57.9		ug/L	50.0	116%	55 - 137	9042243	NSD0833-01	04/14/09 22:58
1,3,5-Trimethylbenzene	ND	59.2		ug/L	50.0	118%	78 - 136	9042243	NSD0833-01	04/14/09 22:58
1,2,4-Trimethylbenzene	0.310	59.4		ug/L	50.0	118%	70 - 143	9042243	NSD0833-01	04/14/09 22:58
Vinyl chloride	ND	34.8		ug/L	50.0	70%	49 - 156	9042243	NSD0833-01	04/14/09 22:58
Xylenes, total	ND	174		ug/L	150	116%	80 - 136	9042243	NSD0833-01	04/14/09 22:58
Surrogate: 1,2-Dichloroethane-d4		23.2		ug/L	25.0	93%	60 - 140	9042243	NSD0833-01	04/14/09 22:58
Surrogate: Dibromofluoromethane		24.1		ug/L	25.0	96%	75 - 124	9042243	NSD0833-01	04/14/09 22:58
Surrogate: Toluene-d8		27.2		ug/L	25.0	109%	78 - 121	9042243	NSD0833-01	04/14/09 22:58
Surrogate: 4-Bromofluorobenzene		25.9		ug/L	25.0	103%	79 - 124	9042243	NSD0833-01	04/14/09 22:58

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:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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												
9042334-MSD1												
Cyanide	0.0229	0.0788	M8	mg/L	0.100	56%	68 - 134	32	43	9042334	NSD0833-01	04/16/09 18:11
Volatile Organic Compounds by EPA Method 8260B												
9041068-MSD1												
Acetone	ND	227		ug/L	250	91%	55 - 148	0.3	29	9041068	NSD0579-01	04/15/09 11:40
Benzene	ND	49.7		ug/L	50.0	99%	68 - 143	2	23	9041068	NSD0579-01	04/15/09 11:40
Bromobenzene	ND	54.6		ug/L	50.0	109%	65 - 140	0.09	18	9041068	NSD0579-01	04/15/09 11:40
Bromochloromethane	ND	50.4		ug/L	50.0	101%	80 - 137	1	18	9041068	NSD0579-01	04/15/09 11:40
Bromodichloromethane	0.340	60.2		ug/L	50.0	120%	80 - 132	3	18	9041068	NSD0579-01	04/15/09 11:40
Bromoform	ND	52.1		ug/L	50.0	104%	67 - 123	1	24	9041068	NSD0579-01	04/15/09 11:40
Bromomethane	ND	56.7		ug/L	50.0	113%	39 - 166	3	45	9041068	NSD0579-01	04/15/09 11:40
2-Butanone	ND	230		ug/L	250	92%	50 - 154	0.6	36	9041068	NSD0579-01	04/15/09 11:40
sec-Butylbenzene	ND	57.6		ug/L	50.0	115%	73 - 142	0.7	17	9041068	NSD0579-01	04/15/09 11:40
n-Butylbenzene	ND	59.3		ug/L	50.0	119%	64 - 147	1	18	9041068	NSD0579-01	04/15/09 11:40
tert-Butylbenzene	ND	57.0		ug/L	50.0	114%	70 - 148	0.6	17	9041068	NSD0579-01	04/15/09 11:40
Carbon disulfide	ND	59.2		ug/L	50.0	118%	79 - 147	4	16	9041068	NSD0579-01	04/15/09 11:40
Carbon Tetrachloride	ND	63.6		ug/L	50.0	127%	62 - 165	3	29	9041068	NSD0579-01	04/15/09 11:40
Chlorobenzene	ND	55.1		ug/L	50.0	110%	67 - 140	1	27	9041068	NSD0579-01	04/15/09 11:40
Chlorodibromomethane	ND	53.1		ug/L	50.0	106%	72 - 123	0.02	21	9041068	NSD0579-01	04/15/09 11:40
Chloroethane	ND	50.0		ug/L	50.0	100%	74 - 151	4	32	9041068	NSD0579-01	04/15/09 11:40
Chloroform	ND	54.0		ug/L	50.0	108%	59 - 152	3	28	9041068	NSD0579-01	04/15/09 11:40
Chloromethane	ND	41.9		ug/L	50.0	84%	33 - 138	3	21	9041068	NSD0579-01	04/15/09 11:40
2-Chlorotoluene	ND	56.1		ug/L	50.0	112%	76 - 134	0.4	16	9041068	NSD0579-01	04/15/09 11:40
4-Chlorotoluene	ND	56.1		ug/L	50.0	112%	80 - 133	1	17	9041068	NSD0579-01	04/15/09 11:40
1,2-Dibromo-3-chloropropane	ND	47.9		ug/L	50.0	96%	60 - 136	5	29	9041068	NSD0579-01	04/15/09 11:40
1,2-Dibromoethane (EDB)	ND	56.6		ug/L	50.0	113%	80 - 132	0.5	21	9041068	NSD0579-01	04/15/09 11:40
Dibromomethane	ND	49.4		ug/L	50.0	99%	79 - 131	2	20	9041068	NSD0579-01	04/15/09 11:40
1,4-Dichlorobenzene	ND	53.6		ug/L	50.0	107%	80 - 126	0.07	19	9041068	NSD0579-01	04/15/09 11:40
1,3-Dichlorobenzene	ND	54.7		ug/L	50.0	109%	75 - 132	0.1	18	9041068	NSD0579-01	04/15/09 11:40
1,2-Dichlorobenzene	ND	54.1		ug/L	50.0	108%	80 - 130	0.4	23	9041068	NSD0579-01	04/15/09 11:40
Dichlorodifluoromethane	ND	43.8		ug/L	50.0	88%	36 - 146	2	14	9041068	NSD0579-01	04/15/09 11:40
1,1-Dichloroethane	ND	52.9		ug/L	50.0	106%	76 - 131	3	15	9041068	NSD0579-01	04/15/09 11:40
1,2-Dichloroethane	ND	48.4		ug/L	50.0	97%	53 - 146	2	26	9041068	NSD0579-01	04/15/09 11:40
cis-1,2-Dichloroethene	ND	53.0		ug/L	50.0	106%	76 - 141	2	14	9041068	NSD0579-01	04/15/09 11:40
1,1-Dichloroethene	ND	55.0		ug/L	50.0	110%	63 - 157	3	26	9041068	NSD0579-01	04/15/09 11:40
trans-1,2-Dichloroethene	ND	54.7		ug/L	50.0	109%	78 - 137	4	14	9041068	NSD0579-01	04/15/09 11:40
1,3-Dichloropropane	ND	53.8		ug/L	50.0	108%	76 - 130	0.4	21	9041068	NSD0579-01	04/15/09 11:40
1,2-Dichloropropane	ND	49.5		ug/L	50.0	99%	77 - 128	3	16	9041068	NSD0579-01	04/15/09 11:40
2,2-Dichloropropane	ND	64.9		ug/L	50.0	130%	62 - 145	2	14	9041068	NSD0579-01	04/15/09 11:40
cis-1,3-Dichloropropene	ND	70.5	M1	ug/L	50.0	141%	71 - 140	0.5	19	9041068	NSD0579-01	04/15/09 11:40
trans-1,3-Dichloropropene	ND	53.7		ug/L	50.0	107%	65 - 137	0.2	20	9041068	NSD0579-01	04/15/09 11:40

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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												
9041068-MSD1												
1,1-Dichloropropene	ND	55.2		ug/L	50.0	110%	80 - 136	2	14	9041068	NSD0579-01	04/15/09 11:40
Ethylbenzene	ND	56.8		ug/L	50.0	114%	80 - 135	0.3	17	9041068	NSD0579-01	04/15/09 11:40
Hexachlorobutadiene	ND	64.8		ug/L	50.0	130%	48 - 155	1	34	9041068	NSD0579-01	04/15/09 11:40
2-Hexanone	ND	265		ug/L	250	106%	58 - 154	0.8	34	9041068	NSD0579-01	04/15/09 11:40
Isopropylbenzene	ND	60.7		ug/L	50.0	121%	80 - 135	0.03	18	9041068	NSD0579-01	04/15/09 11:40
p-Isopropyltoluene	ND	56.4		ug/L	50.0	113%	74 - 139	0.6	17	9041068	NSD0579-01	04/15/09 11:40
Methyl tert-Butyl Ether	ND	50.2		ug/L	50.0	100%	60 - 144	0.9	32	9041068	NSD0579-01	04/15/09 11:40
Methylene Chloride	ND	46.5		ug/L	50.0	93%	64 - 140	3	18	9041068	NSD0579-01	04/15/09 11:40
4-Methyl-2-pentanone	ND	258		ug/L	250	103%	55 - 153	1	31	9041068	NSD0579-01	04/15/09 11:40
Naphthalene	ND	59.2		ug/L	50.0	118%	50 - 154	0.3	39	9041068	NSD0579-01	04/15/09 11:40
n-Propylbenzene	ND	56.4		ug/L	50.0	113%	78 - 141	0.1	17	9041068	NSD0579-01	04/15/09 11:40
Styrene	ND	60.1		ug/L	50.0	120%	80 - 139	0.4	16	9041068	NSD0579-01	04/15/09 11:40
1,1,1,2-Tetrachloroethane	ND	54.9		ug/L	50.0	110%	75 - 140	0.1	17	9041068	NSD0579-01	04/15/09 11:40
1,1,2,2-Tetrachloroethane	ND	51.0		ug/L	50.0	102%	55 - 152	0.3	28	9041068	NSD0579-01	04/15/09 11:40
Tetrachloroethene	ND	58.6		ug/L	50.0	117%	67 - 150	0.8	27	9041068	NSD0579-01	04/15/09 11:40
Toluene	ND	57.1	B	ug/L	50.0	114%	75 - 139	0.6	19	9041068	NSD0579-01	04/15/09 11:40
1,2,3-Trichlorobenzene	ND	53.0		ug/L	50.0	106%	49 - 144	0.8	31	9041068	NSD0579-01	04/15/09 11:40
1,2,4-Trichlorobenzene	ND	58.5		ug/L	50.0	117%	55 - 135	0.5	26	9041068	NSD0579-01	04/15/09 11:40
1,1,2-Trichloroethane	ND	53.8		ug/L	50.0	108%	77 - 128	0.4	21	9041068	NSD0579-01	04/15/09 11:40
1,1,1-Trichloroethane	ND	57.4		ug/L	50.0	115%	80 - 136	2	16	9041068	NSD0579-01	04/15/09 11:40
Trichloroethene	ND	51.2		ug/L	50.0	102%	57 - 158	1	28	9041068	NSD0579-01	04/15/09 11:40
Trichlorofluoromethane	ND	50.9		ug/L	50.0	102%	68 - 145	3	20	9041068	NSD0579-01	04/15/09 11:40
1,2,3-Trichloropropane	ND	51.2		ug/L	50.0	102%	55 - 137	1	26	9041068	NSD0579-01	04/15/09 11:40
1,3,5-Trimethylbenzene	ND	57.8		ug/L	50.0	116%	78 - 136	0.1	16	9041068	NSD0579-01	04/15/09 11:40
1,2,4-Trimethylbenzene	ND	57.9		ug/L	50.0	116%	70 - 143	0.4	22	9041068	NSD0579-01	04/15/09 11:40
Vinyl chloride	ND	46.6		ug/L	50.0	93%	49 - 156	3	26	9041068	NSD0579-01	04/15/09 11:40
Xylenes, total	ND	172		ug/L	150	115%	80 - 136	0.6	18	9041068	NSD0579-01	04/15/09 11:40
Surrogate: 1,2-Dichloroethane-d4		23.6		ug/L	25.0	95%	60 - 140			9041068	NSD0579-01	04/15/09 11:40
Surrogate: Dibromofluoromethane		24.7		ug/L	25.0	99%	75 - 124			9041068	NSD0579-01	04/15/09 11:40
Surrogate: Toluene-d8		27.2		ug/L	25.0	109%	78 - 121			9041068	NSD0579-01	04/15/09 11:40
Surrogate: 4-Bromofluorobenzene		25.6		ug/L	25.0	102%	79 - 124			9041068	NSD0579-01	04/15/09 11:40
9041744-MSD1												
Acetone	ND	246		ug/L	250	98%	55 - 148	4	29	9041744	NSD0863-13	04/15/09 23:56
Benzene	ND	51.4		ug/L	50.0	103%	68 - 143	11	23	9041744	NSD0863-13	04/15/09 23:56
Bromobenzene	ND	49.9		ug/L	50.0	100%	65 - 140	0.6	18	9041744	NSD0863-13	04/15/09 23:56
Bromochloromethane	ND	51.8		ug/L	50.0	104%	80 - 137	3	18	9041744	NSD0863-13	04/15/09 23:56
Bromodichloromethane	ND	54.8		ug/L	50.0	110%	80 - 132	6	18	9041744	NSD0863-13	04/15/09 23:56
Bromoform	ND	48.0		ug/L	50.0	96%	67 - 123	0.3	24	9041744	NSD0863-13	04/15/09 23:56
Bromomethane	ND	59.2		ug/L	50.0	118%	39 - 166	4	45	9041744	NSD0863-13	04/15/09 23:56
2-Butanone	ND	256		ug/L	250	103%	50 - 154	9	36	9041744	NSD0863-13	04/15/09 23:56

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:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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												
9041744-MSD1												
sec-Butylbenzene	ND	56.7		ug/L	50.0	113%	73 - 142	1	17	9041744	NSD0863-13	04/15/09 23:56
n-Butylbenzene	ND	56.9		ug/L	50.0	114%	64 - 147	1	18	9041744	NSD0863-13	04/15/09 23:56
tert-Butylbenzene	ND	56.9		ug/L	50.0	114%	70 - 148	2	17	9041744	NSD0863-13	04/15/09 23:56
Carbon disulfide	ND	56.2		ug/L	50.0	112%	79 - 147	3	16	9041744	NSD0863-13	04/15/09 23:56
Carbon Tetrachloride	ND	58.7		ug/L	50.0	117%	62 - 165	7	29	9041744	NSD0863-13	04/15/09 23:56
Chlorobenzene	ND	52.9		ug/L	50.0	106%	67 - 140	2	27	9041744	NSD0863-13	04/15/09 23:56
Chlorodibromomethane	ND	55.1		ug/L	50.0	110%	72 - 123	2	21	9041744	NSD0863-13	04/15/09 23:56
Chloroethane	ND	49.4		ug/L	50.0	99%	74 - 151	1	32	9041744	NSD0863-13	04/15/09 23:56
Chloroform	ND	50.0		ug/L	50.0	100%	59 - 152	6	28	9041744	NSD0863-13	04/15/09 23:56
Chloromethane	ND	46.0		ug/L	50.0	92%	33 - 138	6	21	9041744	NSD0863-13	04/15/09 23:56
2-Chlorotoluene	ND	52.4		ug/L	50.0	105%	76 - 134	2	16	9041744	NSD0863-13	04/15/09 23:56
4-Chlorotoluene	ND	52.6		ug/L	50.0	105%	80 - 133	3	17	9041744	NSD0863-13	04/15/09 23:56
1,2-Dibromo-3-chloropropane	ND	49.5		ug/L	50.0	99%	60 - 136	1	29	9041744	NSD0863-13	04/15/09 23:56
1,2-Dibromoethane (EDB)	ND	53.9		ug/L	50.0	108%	80 - 132	0.7	21	9041744	NSD0863-13	04/15/09 23:56
Dibromomethane	ND	52.9		ug/L	50.0	106%	79 - 131	3	20	9041744	NSD0863-13	04/15/09 23:56
1,4-Dichlorobenzene	ND	51.8		ug/L	50.0	104%	80 - 126	0.5	19	9041744	NSD0863-13	04/15/09 23:56
1,3-Dichlorobenzene	ND	53.4		ug/L	50.0	107%	75 - 132	2	18	9041744	NSD0863-13	04/15/09 23:56
1,2-Dichlorobenzene	ND	53.0		ug/L	50.0	106%	80 - 130	2	23	9041744	NSD0863-13	04/15/09 23:56
Dichlorodifluoromethane	ND	48.0		ug/L	50.0	96%	36 - 146	8	14	9041744	NSD0863-13	04/15/09 23:56
1,1-Dichloroethane	ND	55.8		ug/L	50.0	112%	76 - 131	4	15	9041744	NSD0863-13	04/15/09 23:56
1,2-Dichloroethane	ND	51.6		ug/L	50.0	103%	53 - 146	8	26	9041744	NSD0863-13	04/15/09 23:56
cis-1,2-Dichloroethene	ND	55.2		ug/L	50.0	110%	76 - 141	4	14	9041744	NSD0863-13	04/15/09 23:56
1,1-Dichloroethene	ND	57.9		ug/L	50.0	116%	63 - 157	0.8	26	9041744	NSD0863-13	04/15/09 23:56
trans-1,2-Dichloroethene	ND	53.5		ug/L	50.0	107%	78 - 137	6	14	9041744	NSD0863-13	04/15/09 23:56
1,3-Dichloropropane	ND	52.6		ug/L	50.0	105%	76 - 130	2	21	9041744	NSD0863-13	04/15/09 23:56
1,2-Dichloropropane	ND	47.7		ug/L	50.0	95%	77 - 128	4	16	9041744	NSD0863-13	04/15/09 23:56
2,2-Dichloropropane	ND	54.7		ug/L	50.0	109%	62 - 145	4	14	9041744	NSD0863-13	04/15/09 23:56
cis-1,3-Dichloropropene	ND	51.8		ug/L	50.0	104%	71 - 140	3	19	9041744	NSD0863-13	04/15/09 23:56
trans-1,3-Dichloropropene	ND	53.9		ug/L	50.0	108%	65 - 137	0.02	20	9041744	NSD0863-13	04/15/09 23:56
1,1-Dichloropropene	ND	56.3		ug/L	50.0	113%	80 - 136	9	14	9041744	NSD0863-13	04/15/09 23:56
Ethylbenzene	ND	57.3		ug/L	50.0	115%	80 - 135	2	17	9041744	NSD0863-13	04/15/09 23:56
Hexachlorobutadiene	ND	52.8		ug/L	50.0	106%	48 - 155	2	34	9041744	NSD0863-13	04/15/09 23:56
2-Hexanone	ND	250		ug/L	250	100%	58 - 154	4	34	9041744	NSD0863-13	04/15/09 23:56
Isopropylbenzene	ND	60.5		ug/L	50.0	121%	80 - 135	3	18	9041744	NSD0863-13	04/15/09 23:56
p-Isopropyltoluene	ND	54.4		ug/L	50.0	109%	74 - 139	3	17	9041744	NSD0863-13	04/15/09 23:56
Methyl tert-Butyl Ether	ND	55.4		ug/L	50.0	111%	60 - 144	3	32	9041744	NSD0863-13	04/15/09 23:56
Methylene Chloride	ND	50.2		ug/L	50.0	100%	64 - 140	1	18	9041744	NSD0863-13	04/15/09 23:56
4-Methyl-2-pentanone	ND	266		ug/L	250	106%	55 - 153	3	31	9041744	NSD0863-13	04/15/09 23:56
Naphthalene	ND	53.5		ug/L	50.0	107%	50 - 154	0.6	39	9041744	NSD0863-13	04/15/09 23:56
n-Propylbenzene	ND	55.3		ug/L	50.0	111%	78 - 141	2	17	9041744	NSD0863-13	04/15/09 23:56
Styrene	ND	52.9		ug/L	50.0	106%	80 - 139	1	16	9041744	NSD0863-13	04/15/09 23:56

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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												
9041744-MSD1												
1,1,1,2-Tetrachloroethane	ND	53.2		ug/L	50.0	106%	75 - 140	3	17	9041744	NSD0863-13	04/15/09 23:56
1,1,2,2-Tetrachloroethane	ND	47.6		ug/L	50.0	95%	55 - 152	5	28	9041744	NSD0863-13	04/15/09 23:56
Tetrachloroethene	ND	48.1		ug/L	50.0	96%	67 - 150	1	27	9041744	NSD0863-13	04/15/09 23:56
Toluene	ND	52.6		ug/L	50.0	105%	75 - 139	3	19	9041744	NSD0863-13	04/15/09 23:56
1,2,3-Trichlorobenzene	ND	49.3		ug/L	50.0	99%	49 - 144	2	31	9041744	NSD0863-13	04/15/09 23:56
1,2,4-Trichlorobenzene	ND	50.8		ug/L	50.0	102%	55 - 135	0.7	26	9041744	NSD0863-13	04/15/09 23:56
1,1,2-Trichloroethane	ND	52.7		ug/L	50.0	105%	77 - 128	2	21	9041744	NSD0863-13	04/15/09 23:56
1,1,1-Trichloroethane	ND	55.5		ug/L	50.0	111%	80 - 136	4	16	9041744	NSD0863-13	04/15/09 23:56
Trichloroethene	0.490	51.1		ug/L	50.0	101%	57 - 158	3	28	9041744	NSD0863-13	04/15/09 23:56
Trichlorofluoromethane	ND	54.6		ug/L	50.0	109%	68 - 145	5	20	9041744	NSD0863-13	04/15/09 23:56
1,2,3-Trichloropropane	ND	44.5		ug/L	50.0	89%	55 - 137	1	26	9041744	NSD0863-13	04/15/09 23:56
1,3,5-Trimethylbenzene	ND	54.6		ug/L	50.0	109%	78 - 136	4	16	9041744	NSD0863-13	04/15/09 23:56
1,2,4-Trimethylbenzene	ND	56.0		ug/L	50.0	112%	70 - 143	2	22	9041744	NSD0863-13	04/15/09 23:56
Vinyl chloride	ND	46.2		ug/L	50.0	92%	49 - 156	4	26	9041744	NSD0863-13	04/15/09 23:56
Xylenes, total	ND	170		ug/L	150	113%	80 - 136	2	18	9041744	NSD0863-13	04/15/09 23:56
Surrogate: 1,2-Dichloroethane-d4		30.6		ug/L	30.0	102%	60 - 140			9041744	NSD0863-13	04/15/09 23:56
Surrogate: Dibromofluoromethane		28.7		ug/L	30.0	96%	75 - 124			9041744	NSD0863-13	04/15/09 23:56
Surrogate: Toluene-d8		29.6		ug/L	30.0	99%	78 - 121			9041744	NSD0863-13	04/15/09 23:56
Surrogate: 4-Bromofluorobenzene		29.5		ug/L	30.0	98%	79 - 124			9041744	NSD0863-13	04/15/09 23:56
9041759-MSD1												
Acetone	ND	220		ug/L	250	88%	55 - 148	4	29	9041759	NSD0945-11	04/13/09 12:45
Benzene	ND	47.4		ug/L	50.0	95%	68 - 143	0.3	23	9041759	NSD0945-11	04/13/09 12:45
Bromobenzene	ND	51.8		ug/L	50.0	104%	65 - 140	3	18	9041759	NSD0945-11	04/13/09 12:45
Bromochloromethane	ND	48.7		ug/L	50.0	97%	80 - 137	0.4	18	9041759	NSD0945-11	04/13/09 12:45
Bromodichloromethane	ND	54.1		ug/L	50.0	108%	80 - 132	0.5	18	9041759	NSD0945-11	04/13/09 12:45
Bromoform	ND	48.4		ug/L	50.0	97%	67 - 123	3	24	9041759	NSD0945-11	04/13/09 12:45
Bromomethane	ND	31.4		ug/L	50.0	63%	39 - 166	15	45	9041759	NSD0945-11	04/13/09 12:45
2-Butanone	ND	231		ug/L	250	93%	50 - 154	1	36	9041759	NSD0945-11	04/13/09 12:45
sec-Butylbenzene	ND	50.5		ug/L	50.0	101%	73 - 142	6	17	9041759	NSD0945-11	04/13/09 12:45
n-Butylbenzene	ND	44.4		ug/L	50.0	89%	64 - 147	12	18	9041759	NSD0945-11	04/13/09 12:45
tert-Butylbenzene	ND	53.7		ug/L	50.0	107%	70 - 148	3	17	9041759	NSD0945-11	04/13/09 12:45
Carbon disulfide	ND	46.2		ug/L	50.0	92%	79 - 147	1	16	9041759	NSD0945-11	04/13/09 12:45
Carbon Tetrachloride	ND	57.3		ug/L	50.0	115%	62 - 165	6	29	9041759	NSD0945-11	04/13/09 12:45
Chlorobenzene	ND	52.2		ug/L	50.0	104%	67 - 140	4	27	9041759	NSD0945-11	04/13/09 12:45
Chlorodibromomethane	ND	49.3		ug/L	50.0	99%	72 - 123	1	21	9041759	NSD0945-11	04/13/09 12:45
Chloroethane	ND	27.6	M2	ug/L	50.0	55%	74 - 151	16	32	9041759	NSD0945-11	04/13/09 12:45
Chloroform	ND	51.0		ug/L	50.0	102%	59 - 152	0.3	28	9041759	NSD0945-11	04/13/09 12:45
Chloromethane	ND	11.1	M2	ug/L	50.0	22%	33 - 138	3	21	9041759	NSD0945-11	04/13/09 12:45
2-Chlorotoluene	ND	51.8		ug/L	50.0	104%	76 - 134	5	16	9041759	NSD0945-11	04/13/09 12:45
4-Chlorotoluene	ND	50.5		ug/L	50.0	101%	80 - 133	5	17	9041759	NSD0945-11	04/13/09 12:45

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:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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												
9041759-MSD1												
1,2-Dibromo-3-chloropropane	ND	48.2		ug/L	50.0	96%	60 - 136	5	29	9041759	NSD0945-11	04/13/09 12:45
1,2-Dibromoethane (EDB)	ND	56.0		ug/L	50.0	112%	80 - 132	0.9	21	9041759	NSD0945-11	04/13/09 12:45
Dibromomethane	ND	47.6		ug/L	50.0	95%	79 - 131	2	20	9041759	NSD0945-11	04/13/09 12:45
1,4-Dichlorobenzene	ND	47.2		ug/L	50.0	94%	80 - 126	9	19	9041759	NSD0945-11	04/13/09 12:45
1,3-Dichlorobenzene	ND	48.3		ug/L	50.0	97%	75 - 132	7	18	9041759	NSD0945-11	04/13/09 12:45
1,2-Dichlorobenzene	ND	48.6		ug/L	50.0	97%	80 - 130	7	23	9041759	NSD0945-11	04/13/09 12:45
Dichlorodifluoromethane	ND	2.32	M2	ug/L	50.0	5%	36 - 146	7	14	9041759	NSD0945-11	04/13/09 12:45
1,1-Dichloroethane	ND	49.3		ug/L	50.0	99%	76 - 131	2	15	9041759	NSD0945-11	04/13/09 12:45
1,2-Dichloroethane	ND	45.7		ug/L	50.0	91%	53 - 146	0.5	26	9041759	NSD0945-11	04/13/09 12:45
cis-1,2-Dichloroethene	ND	48.5		ug/L	50.0	97%	76 - 141	1	14	9041759	NSD0945-11	04/13/09 12:45
1,1-Dichloroethene	ND	46.8		ug/L	50.0	94%	63 - 157	2	26	9041759	NSD0945-11	04/13/09 12:45
trans-1,2-Dichloroethene	ND	48.7		ug/L	50.0	97%	78 - 137	1	14	9041759	NSD0945-11	04/13/09 12:45
1,3-Dichloropropane	ND	53.1		ug/L	50.0	106%	76 - 130	0.7	21	9041759	NSD0945-11	04/13/09 12:45
1,2-Dichloropropane	ND	47.7		ug/L	50.0	95%	77 - 128	0.3	16	9041759	NSD0945-11	04/13/09 12:45
2,2-Dichloropropane	ND	51.1		ug/L	50.0	102%	62 - 145	4	14	9041759	NSD0945-11	04/13/09 12:45
cis-1,3-Dichloropropene	ND	65.3		ug/L	50.0	131%	71 - 140	1	19	9041759	NSD0945-11	04/13/09 12:45
trans-1,3-Dichloropropene	ND	49.0		ug/L	50.0	98%	65 - 137	2	20	9041759	NSD0945-11	04/13/09 12:45
1,1-Dichloropropene	ND	50.3		ug/L	50.0	101%	80 - 136	2	14	9041759	NSD0945-11	04/13/09 12:45
Ethylbenzene	ND	53.9		ug/L	50.0	108%	80 - 135	3	17	9041759	NSD0945-11	04/13/09 12:45
Hexachlorobutadiene	ND	34.6		ug/L	50.0	69%	48 - 155	28	34	9041759	NSD0945-11	04/13/09 12:45
2-Hexanone	ND	304		ug/L	250	122%	58 - 154	4	34	9041759	NSD0945-11	04/13/09 12:45
Isopropylbenzene	ND	57.5		ug/L	50.0	115%	80 - 135	3	18	9041759	NSD0945-11	04/13/09 12:45
p-Isopropyltoluene	ND	48.6		ug/L	50.0	97%	74 - 139	7	17	9041759	NSD0945-11	04/13/09 12:45
Methyl tert-Butyl Ether	1.11	48.1		ug/L	50.0	94%	60 - 144	2	32	9041759	NSD0945-11	04/13/09 12:45
Methylene Chloride	ND	43.2		ug/L	50.0	86%	64 - 140	2	18	9041759	NSD0945-11	04/13/09 12:45
4-Methyl-2-pentanone	ND	289		ug/L	250	116%	55 - 153	3	31	9041759	NSD0945-11	04/13/09 12:45
Naphthalene	ND	56.6		ug/L	50.0	113%	50 - 154	3	39	9041759	NSD0945-11	04/13/09 12:45
n-Propylbenzene	ND	51.4		ug/L	50.0	103%	78 - 141	5	17	9041759	NSD0945-11	04/13/09 12:45
Styrene	ND	56.2		ug/L	50.0	112%	80 - 139	4	16	9041759	NSD0945-11	04/13/09 12:45
1,1,1,2-Tetrachloroethane	ND	52.4		ug/L	50.0	105%	75 - 140	0.06	17	9041759	NSD0945-11	04/13/09 12:45
1,1,2,2-Tetrachloroethane	ND	51.4		ug/L	50.0	103%	55 - 152	0.5	28	9041759	NSD0945-11	04/13/09 12:45
Tetrachloroethene	ND	53.8		ug/L	50.0	108%	67 - 150	5	27	9041759	NSD0945-11	04/13/09 12:45
Toluene	ND	55.6		ug/L	50.0	111%	75 - 139	1	19	9041759	NSD0945-11	04/13/09 12:45
1,2,3-Trichlorobenzene	ND	41.6		ug/L	50.0	83%	49 - 144	10	31	9041759	NSD0945-11	04/13/09 12:45
1,2,4-Trichlorobenzene	ND	43.6		ug/L	50.0	87%	55 - 135	14	26	9041759	NSD0945-11	04/13/09 12:45
1,1,2-Trichloroethane	ND	53.7		ug/L	50.0	107%	77 - 128	0.7	21	9041759	NSD0945-11	04/13/09 12:45
1,1,1-Trichloroethane	ND	53.2		ug/L	50.0	106%	80 - 136	2	16	9041759	NSD0945-11	04/13/09 12:45
Trichloroethene	ND	48.9		ug/L	50.0	98%	57 - 158	2	28	9041759	NSD0945-11	04/13/09 12:45
Trichlorofluoromethane	ND	30.5	M2	ug/L	50.0	61%	68 - 145	7	20	9041759	NSD0945-11	04/13/09 12:45
1,2,3-Trichloropropane	ND	49.8		ug/L	50.0	100%	55 - 137	0.7	26	9041759	NSD0945-11	04/13/09 12:45
1,3,5-Trimethylbenzene	ND	53.1		ug/L	50.0	106%	78 - 136	5	16	9041759	NSD0945-11	04/13/09 12:45

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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												
9041759-MSD1												
1,2,4-Trimethylbenzene	ND	53.3		ug/L	50.0	107%	70 - 143	4	22	9041759	NSD0945-11	04/13/09 12:45
Vinyl chloride	ND	15.6	M2	ug/L	50.0	31%	49 - 156	9	26	9041759	NSD0945-11	04/13/09 12:45
Xylenes, total	ND	163		ug/L	150	109%	80 - 136	3	18	9041759	NSD0945-11	04/13/09 12:45
Surrogate: 1,2-Dichloroethane-d4		22.6		ug/L	25.0	90%	60 - 140			9041759	NSD0945-11	04/13/09 12:45
Surrogate: Dibromofluoromethane		24.4		ug/L	25.0	97%	75 - 124			9041759	NSD0945-11	04/13/09 12:45
Surrogate: Toluene-d8		27.1		ug/L	25.0	108%	78 - 121			9041759	NSD0945-11	04/13/09 12:45
Surrogate: 4-Bromofluorobenzene		25.5		ug/L	25.0	102%	79 - 124			9041759	NSD0945-11	04/13/09 12:45
9042243-MSD1												
Acetone	ND	270		ug/L	250	108%	55 - 148	7	29	9042243	NSD0833-01	04/14/09 23:24
Benzene	ND	50.0		ug/L	50.0	100%	68 - 143	2	23	9042243	NSD0833-01	04/14/09 23:24
Bromobenzene	ND	62.0		ug/L	50.0	124%	65 - 140	3	18	9042243	NSD0833-01	04/14/09 23:24
Bromochloromethane	ND	53.8		ug/L	50.0	108%	80 - 137	4	18	9042243	NSD0833-01	04/14/09 23:24
Bromodichloromethane	ND	63.1		ug/L	50.0	126%	80 - 132	0.06	18	9042243	NSD0833-01	04/14/09 23:24
Bromoform	ND	60.1		ug/L	50.0	120%	67 - 123	4	24	9042243	NSD0833-01	04/14/09 23:24
Bromomethane	ND	47.5		ug/L	50.0	95%	39 - 166	5	45	9042243	NSD0833-01	04/14/09 23:24
2-Butanone	ND	269		ug/L	250	108%	50 - 154	6	36	9042243	NSD0833-01	04/14/09 23:24
sec-Butylbenzene	ND	59.1		ug/L	50.0	118%	73 - 142	2	17	9042243	NSD0833-01	04/14/09 23:24
n-Butylbenzene	ND	58.2		ug/L	50.0	116%	64 - 147	1	18	9042243	NSD0833-01	04/14/09 23:24
tert-Butylbenzene	ND	61.3		ug/L	50.0	123%	70 - 148	2	17	9042243	NSD0833-01	04/14/09 23:24
Carbon disulfide	ND	37.6	M2	ug/L	50.0	75%	79 - 147	4	16	9042243	NSD0833-01	04/14/09 23:24
Carbon Tetrachloride	ND	62.4		ug/L	50.0	125%	62 - 165	3	29	9042243	NSD0833-01	04/14/09 23:24
Chlorobenzene	ND	59.0		ug/L	50.0	118%	67 - 140	1	27	9042243	NSD0833-01	04/14/09 23:24
Chlorodibromomethane	ND	60.6		ug/L	50.0	121%	72 - 123	4	21	9042243	NSD0833-01	04/14/09 23:24
Chloroethane	ND	43.4		ug/L	50.0	87%	74 - 151	4	32	9042243	NSD0833-01	04/14/09 23:24
Chloroform	ND	58.5		ug/L	50.0	117%	59 - 152	3	28	9042243	NSD0833-01	04/14/09 23:24
Chloromethane	ND	32.9		ug/L	50.0	66%	33 - 138	2	21	9042243	NSD0833-01	04/14/09 23:24
2-Chlorotoluene	ND	60.9		ug/L	50.0	122%	76 - 134	2	16	9042243	NSD0833-01	04/14/09 23:24
4-Chlorotoluene	ND	59.5		ug/L	50.0	119%	80 - 133	2	17	9042243	NSD0833-01	04/14/09 23:24
1,2-Dibromo-3-chloropropane	ND	60.3		ug/L	50.0	121%	60 - 136	6	29	9042243	NSD0833-01	04/14/09 23:24
1,2-Dibromoethane (EDB)	ND	62.8		ug/L	50.0	126%	80 - 132	4	21	9042243	NSD0833-01	04/14/09 23:24
Dibromomethane	ND	53.4		ug/L	50.0	107%	79 - 131	4	20	9042243	NSD0833-01	04/14/09 23:24
1,4-Dichlorobenzene	ND	58.7		ug/L	50.0	117%	80 - 126	3	19	9042243	NSD0833-01	04/14/09 23:24
1,3-Dichlorobenzene	ND	59.4		ug/L	50.0	119%	75 - 132	3	18	9042243	NSD0833-01	04/14/09 23:24
1,2-Dichlorobenzene	ND	60.6		ug/L	50.0	121%	80 - 130	3	23	9042243	NSD0833-01	04/14/09 23:24
Dichlorodifluoromethane	ND	30.7		ug/L	50.0	61%	36 - 146	8	14	9042243	NSD0833-01	04/14/09 23:24
1,1-Dichloroethane	ND	56.1		ug/L	50.0	112%	76 - 131	3	15	9042243	NSD0833-01	04/14/09 23:24
1,2-Dichloroethane	ND	51.2		ug/L	50.0	102%	53 - 146	3	26	9042243	NSD0833-01	04/14/09 23:24
cis-1,2-Dichloroethene	0.280	55.2		ug/L	50.0	110%	76 - 141	3	14	9042243	NSD0833-01	04/14/09 23:24
1,1-Dichloroethene	ND	49.6		ug/L	50.0	99%	63 - 157	3	26	9042243	NSD0833-01	04/14/09 23:24
trans-1,2-Dichloroethene	ND	49.6		ug/L	50.0	99%	78 - 137	2	14	9042243	NSD0833-01	04/14/09 23:24

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Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 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												
9042243-MSD1												
1,3-Dichloropropane	ND	60.9		ug/L	50.0	122%	76 - 130	4	21	9042243	NSD0833-01	04/14/09 23:24
1,2-Dichloropropane	ND	54.1		ug/L	50.0	108%	77 - 128	3	16	9042243	NSD0833-01	04/14/09 23:24
2,2-Dichloropropane	ND	66.3		ug/L	50.0	133%	62 - 145	3	14	9042243	NSD0833-01	04/14/09 23:24
cis-1,3-Dichloropropene	ND	75.6	M1	ug/L	50.0	151%	71 - 140	2	19	9042243	NSD0833-01	04/14/09 23:24
trans-1,3-Dichloropropene	ND	58.6		ug/L	50.0	117%	65 - 137	3	20	9042243	NSD0833-01	04/14/09 23:24
1,1-Dichloropropene	ND	51.2		ug/L	50.0	102%	80 - 136	1	14	9042243	NSD0833-01	04/14/09 23:24
Ethylbenzene	ND	58.7		ug/L	50.0	117%	80 - 135	1	17	9042243	NSD0833-01	04/14/09 23:24
Hexachlorobutadiene	ND	65.5		ug/L	50.0	131%	48 - 155	1	34	9042243	NSD0833-01	04/14/09 23:24
2-Hexanone	ND	321		ug/L	250	128%	58 - 154	7	34	9042243	NSD0833-01	04/14/09 23:24
Isopropylbenzene	ND	63.0		ug/L	50.0	126%	80 - 135	1	18	9042243	NSD0833-01	04/14/09 23:24
p-Isopropyltoluene	ND	57.4		ug/L	50.0	115%	74 - 139	1	17	9042243	NSD0833-01	04/14/09 23:24
Methyl tert-Butyl Ether	ND	57.4		ug/L	50.0	115%	60 - 144	8	32	9042243	NSD0833-01	04/14/09 23:24
Methylene Chloride	ND	47.7		ug/L	50.0	95%	64 - 140	4	18	9042243	NSD0833-01	04/14/09 23:24
4-Methyl-2-pentanone	ND	305		ug/L	250	122%	55 - 153	4	31	9042243	NSD0833-01	04/14/09 23:24
Naphthalene	ND	68.1		ug/L	50.0	136%	50 - 154	5	39	9042243	NSD0833-01	04/14/09 23:24
n-Propylbenzene	ND	58.0		ug/L	50.0	116%	78 - 141	2	17	9042243	NSD0833-01	04/14/09 23:24
Styrene	ND	65.2		ug/L	50.0	130%	80 - 139	1	16	9042243	NSD0833-01	04/14/09 23:24
1,1,1,2-Tetrachloroethane	ND	63.3		ug/L	50.0	127%	75 - 140	4	17	9042243	NSD0833-01	04/14/09 23:24
1,1,2,2-Tetrachloroethane	ND	62.3		ug/L	50.0	125%	55 - 152	5	28	9042243	NSD0833-01	04/14/09 23:24
Tetrachloroethene	ND	54.2		ug/L	50.0	108%	67 - 150	0.1	27	9042243	NSD0833-01	04/14/09 23:24
Toluene	ND	58.2		ug/L	50.0	116%	75 - 139	1	19	9042243	NSD0833-01	04/14/09 23:24
1,2,3-Trichlorobenzene	ND	58.2		ug/L	50.0	116%	49 - 144	5	31	9042243	NSD0833-01	04/14/09 23:24
1,2,4-Trichlorobenzene	ND	62.5		ug/L	50.0	125%	55 - 135	4	26	9042243	NSD0833-01	04/14/09 23:24
1,1,2-Trichloroethane	ND	62.0		ug/L	50.0	124%	77 - 128	3	21	9042243	NSD0833-01	04/14/09 23:24
1,1,1-Trichloroethane	ND	60.1		ug/L	50.0	120%	80 - 136	3	16	9042243	NSD0833-01	04/14/09 23:24
Trichloroethene	7.58	60.1		ug/L	50.0	105%	57 - 158	2	28	9042243	NSD0833-01	04/14/09 23:24
Trichlorofluoromethane	ND	45.3		ug/L	50.0	91%	68 - 145	4	20	9042243	NSD0833-01	04/14/09 23:24
1,2,3-Trichloropropane	ND	61.2		ug/L	50.0	122%	55 - 137	5	26	9042243	NSD0833-01	04/14/09 23:24
1,3,5-Trimethylbenzene	ND	60.8		ug/L	50.0	122%	78 - 136	3	16	9042243	NSD0833-01	04/14/09 23:24
1,2,4-Trimethylbenzene	0.310	61.0		ug/L	50.0	121%	70 - 143	3	22	9042243	NSD0833-01	04/14/09 23:24
Vinyl chloride	ND	37.0		ug/L	50.0	74%	49 - 156	6	26	9042243	NSD0833-01	04/14/09 23:24
Xylenes, total	ND	177		ug/L	150	118%	80 - 136	2	18	9042243	NSD0833-01	04/14/09 23:24
Surrogate: 1,2-Dichloroethane-d4		23.0		ug/L	25.0	92%	60 - 140			9042243	NSD0833-01	04/14/09 23:24
Surrogate: Dibromofluoromethane		24.1		ug/L	25.0	97%	75 - 124			9042243	NSD0833-01	04/14/09 23:24
Surrogate: Toluene-d8		27.1		ug/L	25.0	108%	78 - 121			9042243	NSD0833-01	04/14/09 23:24
Surrogate: 4-Bromofluorobenzene		25.9		ug/L	25.0	104%	79 - 124			9042243	NSD0833-01	04/14/09 23:24

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Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 08:00

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	AIHA	Nelac	Illinois
SM4500-CN I	Water			
SW846 8082	Water	N/A	X	X
SW846 8260B	Water	N/A	X	X
SW846 9012B	Water		X	X

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	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 08:00

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

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

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSD0833
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	04/09/09 08:00

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.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M8	The MS and/or MSD were below 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.
R2	The RPD exceeded the acceptance limit.
RL1	Reporting limit raised due to sample matrix effects.
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 RECEI

NSD0833

Cooler Received/Opened On 04/09/2009 @ 0800

1. Tracking # 7480 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 97460373

2. Temperature of rep. sample or temp blank when opened: 2.1 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: 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) 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 #_____

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

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) AV

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) AV

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

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: Christopher Mabbett
Client Telephone#: (781) 275-6050 Fax: (781) 275-5651
Sampler Name (Print): K. Sears
SamplerSignature: K Sears

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

NSD0833
04/20/09 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	Cyanide Total 9012B										RUSH TAT (Pre Schedule)*
01	M&A-206	4/8/09	1115	4	X					X	X					X								X		X										
02	M&A-207	4/8/09	1145	5	X					X	X					X								X	X	X										
03	M&A-211	4/8/09	1410	4	X					X	X					X								X		X										
04	M&A-213	4/8/09	1015	4	X					X	X					X								X		X										
05	M&A-214	4/8/09	0930	4	X					X	X					X								X		X										
06	M&A-215	4/8/09	0935	4	X					X	X					X								X		X										
07	M&A-219	4/8/09	1430	4	X					X	X					X								X		X										
08	M&A-221	4/8/09	1345	4	X					X	X					X								X		X										
09	M&A-222	4/8/09	1510	4	X					X	X					X								X		X										
10	M&A-223	4/8/09	1330	5	X					X	X					X								X	X	X										

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 # 14050

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
Kelly Sears	4/8/09	1630						

Shipped Via: FedEx	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: 4/9 Time: 8:00	Temperature Upon Receipt: 2.1°C; Sample Containers Intact? Y N; VOCs Free of Headspace? Y N		

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: Christopher Mabbett
Client Telephone#: (781) 275-6050 Fax: (781) 275-5651
Sampler Name (Print) K. Sears
SamplerSignature: KSears

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

NSD0833
04/20/09 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-Scheduled)*
11	M&A-224	4/8/09	1140	5	X					X	X					X								X	X	X	
12	M&A-225	4/8/09	1045	5	X					X	X					X								X	X	X	
13	M&A-106	4/7/09	1500	1	X										X	X						X					
14	M&A-124	4/7/09	1510	4	X					X					X	X						X		X			
15	Trip Blank	4/7/09	1500	1	X					X						X								X			

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 # 14050*

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
K. Sears	4/8/09	1630						

Shipped Via:	Shipped Via:	QC Deliverables (Please Circle One) :	Date Due of Report:
Received for TestAmerica by: Date: 4/9 Time: 8:00	Temperature Upon Receipt: -2-1°C; 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
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

November 04, 2009 11:37:38AM

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

Work Order: NSJ2145
Project Name: Bodycote
Project Nbr: 1998002.242/244
P/O Nbr: 4531
Date Received: 10/22/09

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MCA-1	NSJ2145-01	10/20/09 15:15
MCA-2	NSJ2145-02	10/20/09 08:45
MCA-5	NSJ2145-03	10/20/09 11:20
M&A-104	NSJ2145-04	10/21/09 08:30
M&A-106	NSJ2145-05	10/20/09 11:15
M&A-110	NSJ2145-06	10/21/09 09:15
M&A-111	NSJ2145-07	10/21/09 09:50
M&A-112	NSJ2145-08	10/21/09 10:30
M&A-113	NSJ2145-09	10/21/09 11:15
M&A-113	NSJ2145-10	10/21/09 11:15
M&A-114	NSJ2145-11	10/20/09 14:30
M&A-115	NSJ2145-12	10/20/09 13:55
M&A-117	NSJ2145-13	10/20/09 10:35
M&A-120	NSJ2145-14	10/20/09 09:00
M&A-121	NSJ2145-15	10/20/09 08:00
M&A-122	NSJ2145-16	10/20/09 14:00
M&A-124	NSJ2145-17	10/20/09 13:35
M&A-126	NSJ2145-18	10/20/09 10:40
M&A-130	NSJ2145-19	10/20/09 11:55
M&A-131	NSJ2145-20	10/20/09 12:30
M&A-133	NSJ2145-21	10/20/09 13:00
M&A-208	NSJ2145-22	10/20/09 13:15
M&A-301	NSJ2145-23	10/20/09 14:45

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: 002179
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.

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:	NSJ2145
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	10/22/09 08:00

Ken A. Hayes

Senior 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:	NSJ2145
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	10/22/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSJ2145-01 (MCA-1 - Ground Water) Sampled: 10/20/09 15:15								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/31/09 20:57	SW846 8082	9104372
PCB-1221	ND		ug/L	0.500	1	10/31/09 20:57	SW846 8082	9104372
PCB-1232	ND		ug/L	0.500	1	10/31/09 20:57	SW846 8082	9104372
PCB-1242	ND		ug/L	0.500	1	10/31/09 20:57	SW846 8082	9104372
PCB-1248	ND		ug/L	0.500	1	10/31/09 20:57	SW846 8082	9104372
PCB-1254	ND		ug/L	0.500	1	10/31/09 20:57	SW846 8082	9104372
PCB-1260	ND		ug/L	0.500	1	10/31/09 20:57	SW846 8082	9104372
Surr: Tetrachloro-meta-xylene (17-142%)	*90 %*					*10/31/09 20:57*	*SW846 8082*	*9104372*
Surr: Decachlorobiphenyl (10-149%)	*90 %*					*10/31/09 20:57*	*SW846 8082*	*9104372*
Sample ID: NSJ2145-02 (MCA-2 - Ground Water) Sampled: 10/20/09 08:45								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/31/09 21:58	SW846 8082	9104372
PCB-1221	ND		ug/L	0.500	1	10/31/09 21:58	SW846 8082	9104372
PCB-1232	ND		ug/L	0.500	1	10/31/09 21:58	SW846 8082	9104372
PCB-1242	ND		ug/L	0.500	1	10/31/09 21:58	SW846 8082	9104372
PCB-1248	ND		ug/L	0.500	1	10/31/09 21:58	SW846 8082	9104372
PCB-1254	ND		ug/L	0.500	1	10/31/09 21:58	SW846 8082	9104372
PCB-1260	ND		ug/L	0.500	1	10/31/09 21:58	SW846 8082	9104372
Surr: Tetrachloro-meta-xylene (17-142%)	*79 %*					*10/31/09 21:58*	*SW846 8082*	*9104372*
Surr: Decachlorobiphenyl (10-149%)	*31 %*					*10/31/09 21:58*	*SW846 8082*	*9104372*
Sample ID: NSJ2145-03 (MCA-5 - Ground Water) Sampled: 10/20/09 11:20								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/31/09 22:18	SW846 8082	9104372
PCB-1221	ND		ug/L	0.500	1	10/31/09 22:18	SW846 8082	9104372
PCB-1232	ND		ug/L	0.500	1	10/31/09 22:18	SW846 8082	9104372
PCB-1242	ND		ug/L	0.500	1	10/31/09 22:18	SW846 8082	9104372
PCB-1248	ND		ug/L	0.500	1	10/31/09 22:18	SW846 8082	9104372
PCB-1254	ND		ug/L	0.500	1	10/31/09 22:18	SW846 8082	9104372
PCB-1260	ND		ug/L	0.500	1	10/31/09 22:18	SW846 8082	9104372
Surr: Tetrachloro-meta-xylene (17-142%)	*82 %*					*10/31/09 22:18*	*SW846 8082*	*9104372*
Surr: Decachlorobiphenyl (10-149%)	*58 %*					*10/31/09 22:18*	*SW846 8082*	*9104372*
Sample ID: NSJ2145-04 (M&A-104 - Ground Water) Sampled: 10/21/09 08:30								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/30/09 04:20	SW846 8082	9104371
PCB-1221	ND		ug/L	0.500	1	10/30/09 04:20	SW846 8082	9104371
PCB-1232	ND		ug/L	0.500	1	10/30/09 04:20	SW846 8082	9104371
PCB-1242	**0.716**		ug/L	0.500	1	10/30/09 04:20	SW846 8082	9104371
PCB-1248	ND		ug/L	0.500	1	10/30/09 04:20	SW846 8082	9104371
PCB-1254	ND		ug/L	0.500	1	10/30/09 04:20	SW846 8082	9104371
PCB-1260	ND		ug/L	0.500	1	10/30/09 04:20	SW846 8082	9104371
Surr: Tetrachloro-meta-xylene (17-142%)	*66 %*					*10/30/09 04:20*	*SW846 8082*	*9104371*

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSJ2145
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	10/22/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSJ2145-04 (M&A-104 - Ground Water) - cont. Sampled: 10/21/09 08:30								
Polychlorinated Biphenyls by EPA Method 8082 - cont.								
Surr: Decachlorobiphenyl (10-149%)	*78 %*					*10/30/09 04:20*	*SW846 8082*	*9104371*
Sample ID: NSJ2145-05 (M&A-106 - Ground Water) Sampled: 10/20/09 11:15								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/30/09 04:42	SW846 8082	9104371
PCB-1221	ND		ug/L	0.500	1	10/30/09 04:42	SW846 8082	9104371
PCB-1232	ND		ug/L	0.500	1	10/30/09 04:42	SW846 8082	9104371
PCB-1242	ND		ug/L	0.500	1	10/30/09 04:42	SW846 8082	9104371
PCB-1248	ND		ug/L	0.500	1	10/30/09 04:42	SW846 8082	9104371
PCB-1254	ND		ug/L	0.500	1	10/30/09 04:42	SW846 8082	9104371
PCB-1260	ND		ug/L	0.500	1	10/30/09 04:42	SW846 8082	9104371
Surr: Tetrachloro-meta-xylene (17-142%)	*65 %*					*10/30/09 04:42*	*SW846 8082*	*9104371*
Surr: Decachlorobiphenyl (10-149%)	*77 %*					*10/30/09 04:42*	*SW846 8082*	*9104371*
Sample ID: NSJ2145-06 (M&A-110 - Ground Water) Sampled: 10/21/09 09:15								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/30/09 05:04	SW846 8082	9104371
PCB-1221	ND		ug/L	0.500	1	10/30/09 05:04	SW846 8082	9104371
PCB-1232	ND		ug/L	0.500	1	10/30/09 05:04	SW846 8082	9104371
PCB-1242	**0.508**		ug/L	0.500	1	10/30/09 05:04	SW846 8082	9104371
PCB-1248	ND		ug/L	0.500	1	10/30/09 05:04	SW846 8082	9104371
PCB-1254	ND		ug/L	0.500	1	10/30/09 05:04	SW846 8082	9104371
PCB-1260	ND		ug/L	0.500	1	10/30/09 05:04	SW846 8082	9104371
Surr: Tetrachloro-meta-xylene (17-142%)	*73 %*					*10/30/09 05:04*	*SW846 8082*	*9104371*
Surr: Decachlorobiphenyl (10-149%)	*60 %*					*10/30/09 05:04*	*SW846 8082*	*9104371*
Sample ID: NSJ2145-07 (M&A-111 - Ground Water) Sampled: 10/21/09 09:50								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/30/09 05:26	SW846 8082	9104371
PCB-1221	ND		ug/L	0.500	1	10/30/09 05:26	SW846 8082	9104371
PCB-1232	ND		ug/L	0.500	1	10/30/09 05:26	SW846 8082	9104371
PCB-1242	**0.712**		ug/L	0.500	1	10/30/09 05:26	SW846 8082	9104371
PCB-1248	ND		ug/L	0.500	1	10/30/09 05:26	SW846 8082	9104371
PCB-1254	ND		ug/L	0.500	1	10/30/09 05:26	SW846 8082	9104371
PCB-1260	ND		ug/L	0.500	1	10/30/09 05:26	SW846 8082	9104371
Surr: Tetrachloro-meta-xylene (17-142%)	*71 %*					*10/30/09 05:26*	*SW846 8082*	*9104371*
Surr: Decachlorobiphenyl (10-149%)	*76 %*					*10/30/09 05:26*	*SW846 8082*	*9104371*
Sample ID: NSJ2145-08 (M&A-112 - Ground Water) Sampled: 10/21/09 10:30								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/30/09 05:47	SW846 8082	9104371
PCB-1221	ND		ug/L	0.500	1	10/30/09 05:47	SW846 8082	9104371
PCB-1232	ND		ug/L	0.500	1	10/30/09 05:47	SW846 8082	9104371
PCB-1242	**1.04**		ug/L	0.500	1	10/30/09 05:47	SW846 8082	9104371

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSJ2145
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	10/22/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSJ2145-08 (M&A-112 - Ground Water) - cont. Sampled: 10/21/09 10:30								
Polychlorinated Biphenyls by EPA Method 8082 - cont.								
PCB-1248	ND		ug/L	0.500	1	10/30/09 05:47	SW846 8082	9104371
PCB-1254	ND		ug/L	0.500	1	10/30/09 05:47	SW846 8082	9104371
PCB-1260	ND		ug/L	0.500	1	10/30/09 05:47	SW846 8082	9104371
Surr: Tetrachloro-meta-xylene (17-142%)	*66 %*					*10/30/09 05:47*	*SW846 8082*	*9104371*
Surr: Decachlorobiphenyl (10-149%)	*71 %*					*10/30/09 05:47*	*SW846 8082*	*9104371*
Sample ID: NSJ2145-09 (M&A-113 - Ground Water) Sampled: 10/21/09 11:15								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	10.0	20	11/02/09 15:17	SW846 8082	9104371
PCB-1221	ND		ug/L	10.0	20	11/02/09 15:17	SW846 8082	9104371
PCB-1232	ND		ug/L	10.0	20	11/02/09 15:17	SW846 8082	9104371
PCB-1242	ND		ug/L	10.0	20	11/02/09 15:17	SW846 8082	9104371
PCB-1248	**112**		ug/L	10.0	20	11/02/09 15:17	SW846 8082	9104371
PCB-1254	ND		ug/L	10.0	20	11/02/09 15:17	SW846 8082	9104371
PCB-1260	ND		ug/L	10.0	20	11/02/09 15:17	SW846 8082	9104371
Surr: Tetrachloro-meta-xylene (17-142%)	*	*Z3*				*11/02/09 15:17*	*SW846 8082*	*9104371*
Surr: Decachlorobiphenyl (10-149%)	*	*Z3*				*11/02/09 15:17*	*SW846 8082*	*9104371*
Sample ID: NSJ2145-10 (M&A-113 - Oil) Sampled: 10/21/09 11:15								
Polychlorinated Biphenyls in Oil by EPA Method 8082								
PCB-1016	ND		mg/kg	1.66	50	10/30/09 17:05	SW846 8082	9104360
PCB-1221	ND		mg/kg	1.66	50	10/30/09 17:05	SW846 8082	9104360
PCB-1232	ND		mg/kg	1.66	50	10/30/09 17:05	SW846 8082	9104360
PCB-1242	ND		mg/kg	1.66	50	10/30/09 17:05	SW846 8082	9104360
PCB-1248	**1180**		mg/kg	1.66	50	10/30/09 17:05	SW846 8082	9104360
PCB-1254	ND		mg/kg	1.66	50	10/30/09 17:05	SW846 8082	9104360
PCB-1260	ND		mg/kg	1.66	50	10/30/09 17:05	SW846 8082	9104360
Surr: Tetrachloro-meta-xylene (19-147%)	*	*Z3*				*10/30/09 17:05*	*SW846 8082*	*9104360*
Surr: Decachlorobiphenyl (20-150%)	*	*Z3*				*10/30/09 17:05*	*SW846 8082*	*9104360*
Sample ID: NSJ2145-11 (M&A-114 - Ground Water) Sampled: 10/20/09 14:30								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/30/09 06:31	SW846 8082	9104371
PCB-1221	ND		ug/L	0.500	1	10/30/09 06:31	SW846 8082	9104371
PCB-1232	ND		ug/L	0.500	1	10/30/09 06:31	SW846 8082	9104371
PCB-1242	ND		ug/L	0.500	1	10/30/09 06:31	SW846 8082	9104371
PCB-1248	ND		ug/L	0.500	1	10/30/09 06:31	SW846 8082	9104371
PCB-1254	ND		ug/L	0.500	1	10/30/09 06:31	SW846 8082	9104371
PCB-1260	ND		ug/L	0.500	1	10/30/09 06:31	SW846 8082	9104371
Surr: Tetrachloro-meta-xylene (17-142%)	*66 %*					*10/30/09 06:31*	*SW846 8082*	*9104371*
Surr: Decachlorobiphenyl (10-149%)	*54 %*					*10/30/09 06:31*	*SW846 8082*	*9104371*

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:	NSJ2145
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	10/22/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSJ2145-12 (M&A-115 - Ground Water) Sampled: 10/20/09 13:55								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/30/09 07:36	SW846 8082	9104371
PCB-1221	ND		ug/L	0.500	1	10/30/09 07:36	SW846 8082	9104371
PCB-1232	ND		ug/L	0.500	1	10/30/09 07:36	SW846 8082	9104371
PCB-1242	ND		ug/L	0.500	1	10/30/09 07:36	SW846 8082	9104371
PCB-1248	ND		ug/L	0.500	1	10/30/09 07:36	SW846 8082	9104371
PCB-1254	ND		ug/L	0.500	1	10/30/09 07:36	SW846 8082	9104371
PCB-1260	ND		ug/L	0.500	1	10/30/09 07:36	SW846 8082	9104371
Surr: Tetrachloro-meta-xylene (17-142%)	*68 %*					*10/30/09 07:36*	*SW846 8082*	*9104371*
Surr: Decachlorobiphenyl (10-149%)	*76 %*					*10/30/09 07:36*	*SW846 8082*	*9104371*
Sample ID: NSJ2145-13 (M&A-117 - Ground Water) Sampled: 10/20/09 10:35								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/30/09 07:58	SW846 8082	9104371
PCB-1221	ND		ug/L	0.500	1	10/30/09 07:58	SW846 8082	9104371
PCB-1232	ND		ug/L	0.500	1	10/30/09 07:58	SW846 8082	9104371
PCB-1242	ND		ug/L	0.500	1	10/30/09 07:58	SW846 8082	9104371
PCB-1248	ND		ug/L	0.500	1	10/30/09 07:58	SW846 8082	9104371
PCB-1254	ND		ug/L	0.500	1	10/30/09 07:58	SW846 8082	9104371
PCB-1260	ND		ug/L	0.500	1	10/30/09 07:58	SW846 8082	9104371
Surr: Tetrachloro-meta-xylene (17-142%)	*62 %*					*10/30/09 07:58*	*SW846 8082*	*9104371*
Surr: Decachlorobiphenyl (10-149%)	*68 %*					*10/30/09 07:58*	*SW846 8082*	*9104371*
Sample ID: NSJ2145-14 (M&A-120 - Ground Water) Sampled: 10/20/09 09:00								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/30/09 08:20	SW846 8082	9104371
PCB-1221	ND		ug/L	0.500	1	10/30/09 08:20	SW846 8082	9104371
PCB-1232	ND		ug/L	0.500	1	10/30/09 08:20	SW846 8082	9104371
PCB-1242	ND		ug/L	0.500	1	10/30/09 08:20	SW846 8082	9104371
PCB-1248	ND		ug/L	0.500	1	10/30/09 08:20	SW846 8082	9104371
PCB-1254	ND		ug/L	0.500	1	10/30/09 08:20	SW846 8082	9104371
PCB-1260	ND		ug/L	0.500	1	10/30/09 08:20	SW846 8082	9104371
Surr: Tetrachloro-meta-xylene (17-142%)	*66 %*					*10/30/09 08:20*	*SW846 8082*	*9104371*
Surr: Decachlorobiphenyl (10-149%)	*81 %*					*10/30/09 08:20*	*SW846 8082*	*9104371*
Sample ID: NSJ2145-15 (M&A-121 - Ground Water) Sampled: 10/20/09 08:00								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/30/09 08:42	SW846 8082	9104371
PCB-1221	ND		ug/L	0.500	1	10/30/09 08:42	SW846 8082	9104371
PCB-1232	ND		ug/L	0.500	1	10/30/09 08:42	SW846 8082	9104371
PCB-1242	ND		ug/L	0.500	1	10/30/09 08:42	SW846 8082	9104371
PCB-1248	ND		ug/L	0.500	1	10/30/09 08:42	SW846 8082	9104371
PCB-1254	ND		ug/L	0.500	1	10/30/09 08:42	SW846 8082	9104371
PCB-1260	ND		ug/L	0.500	1	10/30/09 08:42	SW846 8082	9104371
Surr: Tetrachloro-meta-xylene (17-142%)	*68 %*					*10/30/09 08:42*	*SW846 8082*	*9104371*

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Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSJ2145
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	10/22/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSJ2145-15 (M&A-121 - Ground Water) - cont. Sampled: 10/20/09 08:00								
Polychlorinated Biphenyls by EPA Method 8082 - cont.								
Surr: Decachlorobiphenyl (10-149%)	*42 %*					*10/30/09 08:42*	*SW846 8082*	*9104371*
Sample ID: NSJ2145-16 (M&A-122 - Ground Water) Sampled: 10/20/09 14:00								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/26/09 17:05	SW846 8082	9104091
PCB-1221	ND		ug/L	0.500	1	10/26/09 17:05	SW846 8082	9104091
PCB-1232	ND		ug/L	0.500	1	10/26/09 17:05	SW846 8082	9104091
PCB-1242	ND		ug/L	0.500	1	10/26/09 17:05	SW846 8082	9104091
PCB-1248	ND		ug/L	0.500	1	10/26/09 17:05	SW846 8082	9104091
PCB-1254	ND		ug/L	0.500	1	10/26/09 17:05	SW846 8082	9104091
PCB-1260	ND		ug/L	0.500	1	10/26/09 17:05	SW846 8082	9104091
Surr: Tetrachloro-meta-xylene (17-142%)	*70 %*					*10/26/09 17:05*	*SW846 8082*	*9104091*
Surr: Decachlorobiphenyl (10-149%)	*79 %*					*10/26/09 17:05*	*SW846 8082*	*9104091*
Sample ID: NSJ2145-17 (M&A-124 - Ground Water) Sampled: 10/20/09 13:35								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/26/09 17:27	SW846 8082	9104091
PCB-1221	ND		ug/L	0.500	1	10/26/09 17:27	SW846 8082	9104091
PCB-1232	ND		ug/L	0.500	1	10/26/09 17:27	SW846 8082	9104091
PCB-1242	ND		ug/L	0.500	1	10/26/09 17:27	SW846 8082	9104091
PCB-1248	ND		ug/L	0.500	1	10/26/09 17:27	SW846 8082	9104091
PCB-1254	ND		ug/L	0.500	1	10/26/09 17:27	SW846 8082	9104091
PCB-1260	ND		ug/L	0.500	1	10/26/09 17:27	SW846 8082	9104091
Surr: Tetrachloro-meta-xylene (17-142%)	*81 %*					*10/26/09 17:27*	*SW846 8082*	*9104091*
Surr: Decachlorobiphenyl (10-149%)	*93 %*					*10/26/09 17:27*	*SW846 8082*	*9104091*
Sample ID: NSJ2145-18 (M&A-126 - Ground Water) Sampled: 10/20/09 10:40								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/26/09 17:49	SW846 8082	9104091
PCB-1221	ND		ug/L	0.500	1	10/26/09 17:49	SW846 8082	9104091
PCB-1232	ND		ug/L	0.500	1	10/26/09 17:49	SW846 8082	9104091
PCB-1242	ND		ug/L	0.500	1	10/26/09 17:49	SW846 8082	9104091
PCB-1248	ND		ug/L	0.500	1	10/26/09 17:49	SW846 8082	9104091
PCB-1254	ND		ug/L	0.500	1	10/26/09 17:49	SW846 8082	9104091
PCB-1260	ND		ug/L	0.500	1	10/26/09 17:49	SW846 8082	9104091
Surr: Tetrachloro-meta-xylene (17-142%)	*81 %*					*10/26/09 17:49*	*SW846 8082*	*9104091*
Surr: Decachlorobiphenyl (10-149%)	*91 %*					*10/26/09 17:49*	*SW846 8082*	*9104091*
Sample ID: NSJ2145-19 (M&A-130 - Ground Water) Sampled: 10/20/09 11:55								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/26/09 18:11	SW846 8082	9104091
PCB-1221	ND		ug/L	0.500	1	10/26/09 18:11	SW846 8082	9104091
PCB-1232	ND		ug/L	0.500	1	10/26/09 18:11	SW846 8082	9104091
PCB-1242	ND		ug/L	0.500	1	10/26/09 18:11	SW846 8082	9104091

Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSJ2145
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	10/22/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSJ2145-19 (M&A-130 - Ground Water) - cont. Sampled: 10/20/09 11:55								
Polychlorinated Biphenyls by EPA Method 8082 - cont.								
PCB-1248	ND		ug/L	0.500	1	10/26/09 18:11	SW846 8082	9104091
PCB-1254	ND		ug/L	0.500	1	10/26/09 18:11	SW846 8082	9104091
PCB-1260	ND		ug/L	0.500	1	10/26/09 18:11	SW846 8082	9104091
Surr: Tetrachloro-meta-xylene (17-142%)	*81 %*					*10/26/09 18:11*	*SW846 8082*	*9104091*
Surr: Decachlorobiphenyl (10-149%)	*82 %*					*10/26/09 18:11*	*SW846 8082*	*9104091*
Sample ID: NSJ2145-20 (M&A-131 - Ground Water) Sampled: 10/20/09 12:30								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/26/09 18:32	SW846 8082	9104091
PCB-1221	ND		ug/L	0.500	1	10/26/09 18:32	SW846 8082	9104091
PCB-1232	ND		ug/L	0.500	1	10/26/09 18:32	SW846 8082	9104091
PCB-1242	ND		ug/L	0.500	1	10/26/09 18:32	SW846 8082	9104091
PCB-1248	ND		ug/L	0.500	1	10/26/09 18:32	SW846 8082	9104091
PCB-1254	ND		ug/L	0.500	1	10/26/09 18:32	SW846 8082	9104091
PCB-1260	ND		ug/L	0.500	1	10/26/09 18:32	SW846 8082	9104091
Surr: Tetrachloro-meta-xylene (17-142%)	*78 %*					*10/26/09 18:32*	*SW846 8082*	*9104091*
Surr: Decachlorobiphenyl (10-149%)	*91 %*					*10/26/09 18:32*	*SW846 8082*	*9104091*
Sample ID: NSJ2145-21 (M&A-133 - Ground Water) Sampled: 10/20/09 13:00								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/26/09 18:54	SW846 8082	9104091
PCB-1221	ND		ug/L	0.500	1	10/26/09 18:54	SW846 8082	9104091
PCB-1232	ND		ug/L	0.500	1	10/26/09 18:54	SW846 8082	9104091
PCB-1242	ND		ug/L	0.500	1	10/26/09 18:54	SW846 8082	9104091
PCB-1248	ND		ug/L	0.500	1	10/26/09 18:54	SW846 8082	9104091
PCB-1254	ND		ug/L	0.500	1	10/26/09 18:54	SW846 8082	9104091
PCB-1260	ND		ug/L	0.500	1	10/26/09 18:54	SW846 8082	9104091
Surr: Tetrachloro-meta-xylene (17-142%)	*82 %*					*10/26/09 18:54*	*SW846 8082*	*9104091*
Surr: Decachlorobiphenyl (10-149%)	*95 %*					*10/26/09 18:54*	*SW846 8082*	*9104091*
Sample ID: NSJ2145-22 (M&A-208 - Ground Water) Sampled: 10/20/09 13:15								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/26/09 19:59	SW846 8082	9104091
PCB-1221	ND		ug/L	0.500	1	10/26/09 19:59	SW846 8082	9104091
PCB-1232	ND		ug/L	0.500	1	10/26/09 19:59	SW846 8082	9104091
PCB-1242	ND		ug/L	0.500	1	10/26/09 19:59	SW846 8082	9104091
PCB-1248	ND		ug/L	0.500	1	10/26/09 19:59	SW846 8082	9104091
PCB-1254	ND		ug/L	0.500	1	10/26/09 19:59	SW846 8082	9104091
PCB-1260	ND		ug/L	0.500	1	10/26/09 19:59	SW846 8082	9104091
Surr: Tetrachloro-meta-xylene (17-142%)	*77 %*					*10/26/09 19:59*	*SW846 8082*	*9104091*
Surr: Decachlorobiphenyl (10-149%)	*92 %*					*10/26/09 19:59*	*SW846 8082*	*9104091*

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Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSJ2145
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	10/22/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSJ2145-23 (M&A-301 - Ground Water) Sampled: 10/20/09 14:45								
Polychlorinated Biphenyls by EPA Method 8082								
PCB-1016	ND		ug/L	0.500	1	10/26/09 20:21	SW846 8082	9104091
PCB-1221	ND		ug/L	0.500	1	10/26/09 20:21	SW846 8082	9104091
PCB-1232	ND		ug/L	0.500	1	10/26/09 20:21	SW846 8082	9104091
PCB-1242	ND		ug/L	0.500	1	10/26/09 20:21	SW846 8082	9104091
PCB-1248	ND		ug/L	0.500	1	10/26/09 20:21	SW846 8082	9104091
PCB-1254	ND		ug/L	0.500	1	10/26/09 20:21	SW846 8082	9104091
PCB-1260	ND		ug/L	0.500	1	10/26/09 20:21	SW846 8082	9104091
Surr: Tetrachloro-meta-xylene (17-142%)	*78 %*					*10/26/09 20:21*	*SW846 8082*	*9104091*
Surr: Decachlorobiphenyl (10-149%)	*47 %*					*10/26/09 20:21*	*SW846 8082*	*9104091*

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Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSJ2145
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	10/22/09 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	9104372	NSJ2145-01	500.00	2.00	10/30/09 11:50	TJB	EPA 3510C
SW846 8082	9104372	NSJ2145-02	500.00	2.00	10/30/09 11:50	TJB	EPA 3510C
SW846 8082	9104372	NSJ2145-03	500.00	2.00	10/30/09 11:50	TJB	EPA 3510C
SW846 8082	9104371	NSJ2145-04	500.00	2.00	10/29/09 10:38	JJR	EPA 3510C
SW846 8082	9104371	NSJ2145-05	500.00	2.00	10/29/09 10:38	JJR	EPA 3510C
SW846 8082	9104371	NSJ2145-06	500.00	2.00	10/29/09 10:38	JJR	EPA 3510C
SW846 8082	9104371	NSJ2145-07	500.00	2.00	10/29/09 10:38	JJR	EPA 3510C
SW846 8082	9104371	NSJ2145-08	500.00	2.00	10/29/09 10:38	JJR	EPA 3510C
SW846 8082	9104371	NSJ2145-09	500.00	2.00	10/29/09 10:38	JJR	EPA 3510C
SW846 8082	9104371	NSJ2145-09RE1	500.00	2.00	10/29/09 10:38	JJR	EPA 3510C
SW846 8082	9104371	NSJ2145-11	500.00	2.00	10/29/09 10:38	JJR	EPA 3510C
SW846 8082	9104371	NSJ2145-12	500.00	2.00	10/29/09 10:38	JJR	EPA 3510C
SW846 8082	9104371	NSJ2145-13	500.00	2.00	10/29/09 10:38	JJR	EPA 3510C
SW846 8082	9104371	NSJ2145-14	500.00	2.00	10/29/09 10:38	JJR	EPA 3510C
SW846 8082	9104371	NSJ2145-15	500.00	2.00	10/29/09 10:38	JJR	EPA 3510C
SW846 8082	9104091	NSJ2145-16	500.00	2.00	10/26/09 11:00	MAH	EPA 3510C
SW846 8082	9104091	NSJ2145-17	500.00	2.00	10/26/09 11:00	MAH	EPA 3510C
SW846 8082	9104091	NSJ2145-18	500.00	2.00	10/26/09 11:00	MAH	EPA 3510C
SW846 8082	9104091	NSJ2145-19	500.00	2.00	10/26/09 11:00	MAH	EPA 3510C
SW846 8082	9104091	NSJ2145-20	500.00	2.00	10/26/09 11:00	MAH	EPA 3510C
SW846 8082	9104091	NSJ2145-21	500.00	2.00	10/26/09 11:00	MAH	EPA 3510C
SW846 8082	9104091	NSJ2145-22	500.00	2.00	10/26/09 11:00	MAH	EPA 3510C
SW846 8082	9104091	NSJ2145-23	500.00	2.00	10/26/09 11:00	MAH	EPA 3510C
Polychlorinated Biphenyls in Oil by EPA Method 8082							
SW846 8082	9104360	NSJ2145-10	1.00	10.00	10/30/09 09:15	CXB	EPA 3580A
SW846 8082	9104360	NSJ2145-10RE1	1.00	10.00	10/30/09 09:15	CXB	EPA 3580A

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Client	Mabbett & Associates, Inc. (10615)	Work Order:	NSJ2145
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	10/22/09 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						
9104091-BLK1						
PCB-1016	<0.250		ug/L	9104091	9104091-BLK1	10/26/09 15:38
PCB-1221	<0.450		ug/L	9104091	9104091-BLK1	10/26/09 15:38
PCB-1232	<0.440		ug/L	9104091	9104091-BLK1	10/26/09 15:38
PCB-1242	<0.330		ug/L	9104091	9104091-BLK1	10/26/09 15:38
PCB-1248	<0.450		ug/L	9104091	9104091-BLK1	10/26/09 15:38
PCB-1254	<0.460		ug/L	9104091	9104091-BLK1	10/26/09 15:38
PCB-1260	<0.220		ug/L	9104091	9104091-BLK1	10/26/09 15:38
Surrogate: Tetrachloro-meta-xylene	77%			9104091	9104091-BLK1	10/26/09 15:38
Surrogate: Decachlorobiphenyl	92%			9104091	9104091-BLK1	10/26/09 15:38
9104371-BLK1						
PCB-1016	<0.250		ug/L	9104371	9104371-BLK1	10/30/09 03:15
PCB-1221	<0.450		ug/L	9104371	9104371-BLK1	10/30/09 03:15
PCB-1232	<0.440		ug/L	9104371	9104371-BLK1	10/30/09 03:15
PCB-1242	<0.330		ug/L	9104371	9104371-BLK1	10/30/09 03:15
PCB-1248	<0.450		ug/L	9104371	9104371-BLK1	10/30/09 03:15
PCB-1254	<0.460		ug/L	9104371	9104371-BLK1	10/30/09 03:15
PCB-1260	<0.220		ug/L	9104371	9104371-BLK1	10/30/09 03:15
Surrogate: Tetrachloro-meta-xylene	69%			9104371	9104371-BLK1	10/30/09 03:15
Surrogate: Decachlorobiphenyl	86%			9104371	9104371-BLK1	10/30/09 03:15
9104372-BLK1						
PCB-1016	<0.200		ug/L	9104372	9104372-BLK1	10/31/09 17:54
PCB-1221	<0.200		ug/L	9104372	9104372-BLK1	10/31/09 17:54
PCB-1232	<0.200		ug/L	9104372	9104372-BLK1	10/31/09 17:54
PCB-1242	<0.200		ug/L	9104372	9104372-BLK1	10/31/09 17:54
PCB-1248	<0.200		ug/L	9104372	9104372-BLK1	10/31/09 17:54
PCB-1254	<0.200		ug/L	9104372	9104372-BLK1	10/31/09 17:54
PCB-1260	<0.200		ug/L	9104372	9104372-BLK1	10/31/09 17:54
Surrogate: Tetrachloro-meta-xylene	89%			9104372	9104372-BLK1	10/31/09 17:54
Surrogate: Decachlorobiphenyl	92%			9104372	9104372-BLK1	10/31/09 17:54
Polychlorinated Biphenyls in Oil by EPA Method 8082						
9104360-BLK1						
PCB-1016	<0.0190		mg/kg	9104360	9104360-BLK1	10/30/09 10:09
PCB-1221	<0.0110		mg/kg	9104360	9104360-BLK1	10/30/09 10:09
PCB-1232	<0.0200		mg/kg	9104360	9104360-BLK1	10/30/09 10:09
PCB-1242	<0.0140		mg/kg	9104360	9104360-BLK1	10/30/09 10:09
PCB-1248	<0.0110		mg/kg	9104360	9104360-BLK1	10/30/09 10:09
PCB-1254	<0.0190		mg/kg	9104360	9104360-BLK1	10/30/09 10:09
PCB-1260	<0.0140		mg/kg	9104360	9104360-BLK1	10/30/09 10:09
Surrogate: Tetrachloro-meta-xylene	84%			9104360	9104360-BLK1	10/30/09 10:09

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:	NSJ2145
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	10/22/09 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Polychlorinated Biphenyls in Oil by EPA Method 8082						
9104360-BLK1						
Surrogate: Decachlorobiphenyl	90%			9104360	9104360-BLK1	10/30/09 10:09

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:	NSJ2145
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	10/22/09 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								
9104091-BS1								
PCB-1016	10.0	7.19		ug/L	72%	63 - 120	9104091	10/26/09 16:00
Surrogate: Tetrachloro-meta-xylene	1.00	0.780			78%	17 - 142	9104091	10/26/09 16:00
Surrogate: Decachlorobiphenyl	1.00	0.912			91%	10 - 149	9104091	10/26/09 16:00
9104371-BS1								
PCB-1016	10.0	6.86	MNR1	ug/L	69%	63 - 120	9104371	10/30/09 03:37
Surrogate: Tetrachloro-meta-xylene	1.00	0.744			74%	17 - 142	9104371	10/30/09 03:37
Surrogate: Decachlorobiphenyl	1.00	0.808			81%	10 - 149	9104371	10/30/09 03:37
9104372-BS1								
PCB-1016	10.0	8.96	MNR1	ug/L	90%	63 - 120	9104372	10/31/09 18:14
Surrogate: Tetrachloro-meta-xylene	1.00	0.880			88%	17 - 142	9104372	10/31/09 18:14
Surrogate: Decachlorobiphenyl	1.00	0.920			92%	10 - 149	9104372	10/31/09 18:14
Polychlorinated Biphenyls in Oil by EPA Method 8082								
9104360-BS1								
PCB-1016	5.00	3.78	MNR	mg/kg	76%	64 - 122	9104360	10/30/09 10:32
Surrogate: Tetrachloro-meta-xylene	0.500	0.440			88%	19 - 147	9104360	10/30/09 10:32
Surrogate: Decachlorobiphenyl	0.500	0.450			90%	20 - 150	9104360	10/30/09 10:32

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:	NSJ2145
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	10/22/09 08:00

CERTIFICATION SUMMARY

TestAmerica Nashville

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

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:	NSJ2145
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	10/22/09 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:	NSJ2145
	5 Alfred Circle	Project Name:	Bodycote
	Bedford, MA 01730	Project Number:	1998002.242/244
Attn	Christopher Mabbett	Received:	10/22/09 08:00

DATA QUALIFIERS AND DEFINITIONS

MNR	No results were reported for the MS/MSD. The sample used for the MS/MSD required dilution due to the sample matrix. Because of this, the spike compounds were diluted below the detection limit.
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 RECE

NSJ2145

Cooler Received/Opened On 10/22/2009 @ 0800

1. Tracking # 3020 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 97460373

2. Temperature of rep. sample or temp blank when opened: 8.6 *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: 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) _____

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

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...# 55042

4118-6139-3020

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 6/24/09

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

NSJ2145
11/05/09 23:59

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

TA Account #: 1408030 PO #: 4531
Invoice to: Mabbett & Associates, Inc. (10615)
Report to: Christopher Mabbett
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	Oil (specify) Other	Analyze for: 8082 PCBs	8082 PCBs in Oil	8260B Volatile Organics	Cyanide Dissociable SM4500-CN	Cyanide Total 9012B									RUSH TAT (Pre Schedule)*
MCA-1	10/20/09	1515	1	X		N								X	X						X									NSJ2145-01				
MCA-2	10/20/09	0845	1	X		N								X	X						X									02				
MCA-5	10/20/09	1120	1	X		N								X	X						X									03				
M&A-104	10/21/09	0830	1	X		N								X	X						X									04				
M&A-106	10/20/09	1115	1	X		N								X	X						X									05				
M&A-110	10/21/09	0915	1	X		N								X	X						X									06				
M&A-111	10/21/09	0950	1	X		N								X	X						X									07				
M&A-112	10/21/09	1030	1	X		N								X	X						X									08				
M&A-113	10/21/09	1115	3	X		N								X	X					X	X	X								09/10				
M&A-114	10/20/09	1430	1	X		N								X	X						X									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 # 16657
put all PCB Data on PO# 4531
& Separate Lab Report

Temp Blank in each cooler

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
Christyl L Mabbett	10/21/09	1500						

Shipped Via:	Shipped Via:	QC Deliverables (Please Circle One):	Date Due of Report:
Fed Ex		Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)	

Received for TestAmerica by:	Date:	Time:	Temperature Upon Receipt:	Sample Containers Intact? Y N	VOCs Free of Headspace? Y N
[illegible]	10-22-09	[illegible]			

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: Christopher Mabbett
Client Telephone#: (781) 275-6050 Fax: (781) 275-5651
Sampler Name (Print): Christopher L Mabbett
SamplerSignature: [signature]

TA Account #: 1408030 PO #: 4531
Invoice to: Mabbett & Associates, Inc. (10615)
Report to: Christopher Mabbett
Project Name: Bodycote
Facility ID: 1998002[illegible]44
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	Cyanide Total 9012B										RUSH TAT (Pre Schedule)*
M&A-115	10/20/09	1355	1	X		N								X	X						X									7145-12					
M&A-117	10/20/09	1035	1	X		N								X	X						X										13				
M&A-120	10/20/09	0900	1	X		N								X	X						X										14				
M&A-121	10/20/09	0800	1	X		N								X	X						X										15				
M&A-122	10/20/09	1400	1	X		N								X	X						X										16				
M&A-124	10/20/09	1335	1	X		N								X	X						X										17				
M&A-126	10/20/09	1040	1	X		N								X	X						X										18				
M&A-130	10/20/09	1155	1	X		N								X	X						X										19				
M&A-131	10/20/09	1230	1	X		N								X	X						X										20				
M&A-133	10/20/09	1300	1	X		N								X	X						X										21				

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 # 16657
Put all PCB Data on Separate PO # 4531
& Separate Lab Report

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
[signature]	10/21/09	1500						

Shipped Via: FedEx	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: 10/21/09 Time: 0800	Temperature Upon Receipt:	Sample Containers Intact? Y N VOCs Free of Headspace? Y N	

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: Christopher Mabbett
Client Telephone#: (781) 275-6050 Fax: (781) 275-5651
Sampler Name (Print): Christopher Mabbett
SamplerSignature:

TA Account #: 1408030 PO #: 4531
Invoice to: Mabbett & Associates, Inc. (10615)
Report to: Christopher Mabbett
Project Name: Bodycote
Facility ID: 1998002[redacted]4
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)*
M&A-205	10/20/09	1315	1	X		N								X	X						X									2145-22				
M&A-301	10/20/09	1445	1	X		N								X	X						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 # 16657
Put ALL PCB Data on separate PO # 4531 & separate Lab Report

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
[signature]	10/21/09	1500						

Shipped Via: Fed Ex	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: 10-21-09 Time: 0800	Temperature Upon Receipt: Sample Containers Intact? Y N VOCs Free of Headspace? Y N		

TestAmerica
INCORPORATED

Sample NonConformance/COC Revision Form

Initiated By:	HuckabaJi	**Phone:**		**NC Closed:**	Yes
Client Name:	Mabbett & Associate:	**Sample Range:**		**Date Closed:**	10/23/2009
Client Contact:	Chris Mabbett	**SDG:**			
Client Account:	1408030	**Analyst:**	Jimmy huckaba		
Date Created:	10/22/2009 12:00:0(	**Supervisor:**	Paul Buckingham		
NC #:		**NC Type:**			
Project Name:	Bodycote	**XOM TM:**			
Project Number:					
Project Origin:					
Regulatory:					

Process: Temperature outside Method Allowance- Run or Do Not Run? **Corrected By:** Ken Hayes

Action: Run **Closed:** Yes **By:** HayesK

Comments:

Comment added by: HayesK on 10/22/2009 4:38:20 PM
From: Mabbett, Chris
Sent: Thursday, October 22, 2009 4:28 PM
To: Hayes, Ken
Subject: RE: Non Conformance System 55042
Proceed with the analyses please.
Chris Mabbett

****
Comment added by: HuckabaJi on 10/22/2009 10:03:10 AM
Received one more hot cooler at 6.3. FedEx tracking 4118-6139-3008.

****
Comment added by: HuckabaJi on 10/22/2009 9:59:28 AM
Received 2 more hot coolers for this project. FedEx tracking 4118-6139-3019 had a temp of 7.0 with only 2 ziplock bags of ice to cool the samples.

FedEx tracking 4118-6139-2994 had a temp of 12.4 with only 3 ziplock bags of ice on top of the containers.

****
Comment added by: HuckabaJi on 10/22/2009 9:08:16 AM
Temp of 8.6 recorded on a cooler with only 3 ziplock bags of ice on top of the containers.

****

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville, TN

COOLER RECEIPT FORM

Cooler Received/Opened On: 10/22/2009 @ 8:00

1. Tracking # 3008 (last 4 digits, FedEx)

Courier : Fed-ex IR Gun ID: 95610068

2. Temperature of rep. sample or temp blank when opened: 6.3 *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) _____

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

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 10/22/2009 @ 0800

1. Tracking # 2994 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 97460373

2. Temperature of rep. sample or temp blank when opened: 12.4 *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)

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

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