DCN: 779-2F-ATAG

CINCINNATI DIE CAST SITE
CINCINNATI, OHIO
DATA VALIDATION REPORT

Date: November 6, 2009
Laboratory: TestAmerica Laboratories, Inc. (TestAmerica), Dayton, Ohio
Laboratory Project #: DSJ0037 and DSJ1254
Data Validation Performed By: Lisa Graczyk, Weston Solutions, Inc. (WESTON) Superfund Technical Assessment and Response Team (START)
Weston Analytical Work Order #/TDD #: 20405.016.001.0780.00/S05-0001-0909-024

This data validation report has been prepared by WESTON START under the START III Region V contract. This report documents the data validation for 15 waste samples collected for the Cincinnati Die Cast Site that were analyzed for the following parameters and U.S. Environmental Protection Agency (U.S. EPA) methods:

- Volatile Organic Compounds (VOC) by SW-846 Method 8260B
- Polychlorinated Biphenyls (PCB) by SW-846 Method 8082
- Total Petroleum Hydrocarbons (TPH) by SW-846 Method 8015B and OQA-QAM-025
- Metals by SW-846 Methods 6010B and 7471A
- Toxicity Characteristic Leaching Procedure (TCLP) Metals by SW-846 Methods 1311, 6010B, and 7470A
- Ignitability by SW-846 Method 1010

A level II data package was requested from TestAmerica. The data validation was conducted in general accordance with the U.S. EPA "Contract Laboratory Program National Functional Guidance for Superfund Organic Methods Data Review" dated June 2008 and "Contract Laboratory Program National Functional Guidelines for Inorganic Data Review" dated October 2004. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

US EPA RECORDS CENTER REGION 5
424903

Data Validation Report
Cincinnati Die Cast Site
TestAmerica Laboratories, Inc.
Laboratory Project #: DSJ0037 and DSJ1254

VOCs BY SW-846 METHOD 8260B

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
CDC-WL3-093009	DSJ0037-02	Liquid	9/30/2009	10/14/2009
CDC-WL8-093009	DSJ0037-09	Liquid	9/30/2009	10/13/2009

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection.

3. Blanks

A method blank was analyzed with the VOC analyses and was free of target compound contamination above the reporting limit.

4. Surrogate Results

The surrogate recovery results were within the laboratory-established quality control (QC) limits.

5. Laboratory Control Sample (LCS) Results

The LCS recoveries were within laboratory QC limits.

6. Overall Assessment

The VOC data are acceptable for use based on the information received.

Data Validation Report
Cincinnati Die Cast Site
TestAmerica Laboratories, Inc.
Laboratory Project #: DSJ0037 and DSJ1254

PCBs BY U.S. EPA SW-846 METHOD 8082

1. Samples

The following table summarizes the samples for which this data validation was conducted.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
CDC-WL1-093009	DSJ0037-01	Liquid	9/30/2009	10/6/2009
CDC-WL6-093009	DSJ0037-07	Liquid	9/30/2009	10/6/2009
CDC-WL7-093009	DSJ0037-08	Liquid	9/30/2009	10/6/2009
CDC-WS4-093009	DSJ0037-10	Solid	9/30/2009	10/6/2009

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection to extraction and 40 days from extraction to analysis for soil and waste samples.

3. Blanks

Method blanks were analyzed with the PCB analyses. The method blanks were free of target compound contamination.

4. Surrogates

The surrogate recoveries were within the laboratory-established QC limits for percent recovery.

5. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

6. Overall Assessment

The PCB data are acceptable for use based on the information received.

Data Validation Report
Cincinnati Die Cast Site
TestAmerica Laboratories, Inc.
Laboratory Project #: DSJ0037 and DSJ1254

TPH BY U.S. EPA SW-846 METHOD 8015B

1. Samples

The following table summarizes the samples for which this data validation was conducted.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
CDC-WL1-093009	DSJ0037-01	Liquid	9/30/2009	10/8/2009
CDC-WL6-093009	DSJ0037-07	Liquid	9/30/2009	10/7/2009 – 10/8/2009
CDC-WL7-093009	DSJ0037-08	Liquid	9/30/2009	10/7/2009 – 10/8/2009

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection to extraction and 40 days from extraction to analysis for soil and waste samples.

3. Blanks

Method blanks were analyzed with the TPH analyses. The method blanks were free of target compound contamination.

4. Surrogates

The surrogate recoveries were within the laboratory-established QC limits for percent recovery except in some instances where they could not be recovered fully due to sample dilutions and large concentrations of target analytes in the samples. The poor surrogate recoveries are likely due to matrix interference as identified below.

5. LCS Results

The LCS recoveries were within the laboratory-established QC limits except for diesel range organics (DRO) as analyzed by method OQA-QAM-025. The results for DRO by OQA-QAM-025 were flagged "J" as estimated.

6. Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results

TestAmerica analyzed a site-specific MS/MSD with the 8015B analyses. The MS/MSD results for DRO were high (greater than the upper QC acceptance limit). Results for DRO in the samples were flagged "J" as estimated due to apparent matrix interference problems.

In addition, poor surrogate recoveries for the OQA-QAM-025 analysis indicate likely matrix interferences as well with DRO analyses. Therefore, all DRO results were flagged "J" as estimated.

7. Overall Assessment

TestAmerica analyzed for TPH using two analyses. For the 8015B analysis, TestAmerica reported GRO with a C6-C12 carbon range, DRO with a C10-C20 carbon range, and DRO with a C20- C34 carbon range. TestAmerica additionally analyzed by the OQA-QAM-025 analysis, to do a full oil range organics analysis with a C10-C44 carbon range. TPH (DRO and oil range organics) detections were high (up to 78 percent) and indicated possible matrix interferences in the analyses requiring qualification.

The TPH data are acceptable for use based on the information received.

Data Validation Report
Cincinnati Die Cast Site
TestAmerica Laboratories, Inc.
Laboratory Project #: DSJ0037 and DSJ1254

TOTAL METALS BY SW-846 METHODS 6010B AND 7471A AND TCLP METALS BY METHODS 1311, 6010B, AND 7470A

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Parameter Analyzed	Date Analyzed
CDC-WL1-093009	DSJ0037-01	Liquid	9/30/2009	Total Metals	10/6/2009 – 10/8/2009
CDC-WS1-093009	DSJ0037-04	Solid	9/30/2009	TCLP Lead Only	10/6/2009
CDC-WS2-093009	DSJ0037-05	Solid	9/30/2009	TCLP Lead Only	10/6/2009
CDC-WS3-093009	DSJ0037-06	Solid	9/30/2009	TCLP Lead Only	10/6/2009
CDC-WS5-093009	DSJ0037-11	Solid	9/30/2009	TCLP Metals	10/6/2009 – 10/7/2009
CDC-WS6-093009	DSJ0037-12	Solid	9/30/2009	TCLP Metals	10/6/2009 – 10/7/2009
CDC-WL9-093009	DSJ0037-13	Liquid	9/30/2009	Total Metals	10/6/2009 – 10/8/2009
CDC-WS7-102709	DSJ1254-01	Solid	10/27/2009	TCLP Metals	10/29/2009 – 10/302009

2. Holding Times

The samples were analyzed within the required holding time limit of 28 days from sample collection to analysis for mercury and 180 days from sample collection to analysis for all other metals.

3. Blank Results

Method blanks were analyzed with the total and TCLP metals analyses and were free of target analyte contamination above the reporting limits.

4. LCS Results

The LCS and LCS duplicate recoveries were within the laboratory-established QC limits for target analytes.

6. Laboratory Duplicate Results

The relative percent differences (RPD) for the laboratory duplicates were within laboratory QC limits.

7. Overall Assessment

The metals data are acceptable for use based on the information received.

GENERAL CHEMISTRY PARAMETERS (ignitability by SW-846 1010)

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
CDC-WL3-093009	DSJ0037-02	Liquid	9/30/2009	10/1/2009
CDC-WL4-093009	DSJ0037-03	Liquid	9/30/2009	10/1/2009
CDC-WL8-093009	DSJ0037-09	Liquid	9/30/2009	10/1/2009
CDC-WL10-093009	DSJ0037-14	Liquid	9/30/2009	10/1/2009

2. Holding Times

All holding time limits for ignitability are acceptable.

3. Laboratory Duplicate Results

Laboratory duplicates were analyzed with the ignitability analyses. The duplicate RPDs were within QC limits.

4. Overall Assessment

The ignitability data are acceptable for use based on the information received.

Data Validation Report
Cincinnati Die Cast Site
TestAmerica Laboratories, Inc.
Laboratory Project #: DSJ0037 and DSJ1254

ATTACHMENT

TESTAMERICA
RESULTS SUMMARY WITH QUALIFIERS

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

4738 Gateway Circle Dayton, OH 45440 (800) 572-9839
339 W. Walton Blvd Pontiac, MI 48340 (800) 526-4951

October 20, 2009

Client:

Weston Solutions Inc. (Chicago, IL)
20 North Wacker Drive, Suite 1210
Chicago, IL 60606-2901

Attn: Lisa Graczyk

Work Order: DSJ0037
Project Name: Cincinnati Die Cast
Project Number: 20405.016.001.0780.00

Date Received: 09/30/09

Samples logged in at Dayton laboratory.

An executed copy of the Chain of Custody is 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 the number shown above.

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
CDC-WL1-093009	DSJ0037-01	09/30/09 10:30
CDC-WL3-093009	DSJ0037-02	09/30/09 10:45
CDC-WL4-093009	DSJ0037-03	09/30/09 10:50
CDC-WS1-093009	DSJ0037-04	09/30/09 10:58
CDC-WS2-093009	DSJ0037-05	09/30/09 11:04
CDC-WS3-093009	DSJ0037-06	09/30/09 11:06
CDC-WL6-093009	DSJ0037-07	09/30/09 11:20
CDC-WL7-093009	DSJ0037-08	09/30/09 11:22
CDC-WL8-093009	DSJ0037-09	09/30/09 11:31
CDC-WS4-093009	DSJ0037-10	09/30/09 11:45
CDC-WS5-093009	DSJ0037-11	09/30/09 12:03
CDC-WS6-093009	DSJ0037-12	09/30/09 12:05
CDC-WL9-093009	DSJ0037-13	09/30/09 12:22
CDC-WL10-093009	DSJ0037-14	09/30/09 12:30

Case Narrative: This is a revised report to correct the VOC units from ug/kg to mg/kg, and also to report all samples as non-aqueous, per client request.

Please note that the volatile results for samples DSJ0037-02 (CDC-WL3-093009) and DSJ0037-09 (CDC-WL8-093009) have no dry weight correction. We analyzed for percent dry weight, but both samples completely volatilized when we were drying them. The result for both of those samples was <0.100 % solids, which is also our reporting limit. When this number is the result, our lab reporting system will not calculate dry weight, therefore, the results are mg/kg wet, since the "0" (zero) result in the percent dry weight would skew the calculations all to zero otherwise.

Ohio Certification Number: 4074, 857

Reproduction of this analytical report is permitted only in its entirety. This report shall not be reproduced except in full without the written approval of the laboratory.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

TestAmerica Dayton
Deidre Taylor
Project Manager

Weston Solutions Inc. (Chicago, IL)	Work Order.	DSJ0037	Received:	09/30/09
20 North Wacker Drive, Suite 1210	Project:	Cincinnati Die Cast	Reported:	10/20/09 15:59
Chicago, IL 60606-2901	Project Number:	20405.016.001.0780 00		
Lisa Graczyk				

Report Approved By:

This report has been electronically signed.

TestAmerica Dayton

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

4738 Gateway Circle Dayton, OH 45440 (800) 572-9839
339 W. Walton Blvd Pontiac, MI 48340 (800) 526-4951

Weston Solutions Inc. (Chicago, IL)	Work Order:	DSJ0037		Received:	09/30/09
20 North Wacker Drive, Suite 1210	Project:	Cincinnati Die Cast		Reported:	10/20/09 15:59
Chicago, IL 60606-2901	Project Number.	20405.016.001.0780 00			
Lisa Graczyk					

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DSJ0037-01 (CDC-WL1-093009 - Non-aqueous)					**Sampled: 09/30/09 10:30**		**Recvd: 09/30/09 17:34**		
General Chemistry Parameters									
% Solids	**48.1**		%	0.100	1	10/02/09 10:00	jlb	9100092	SW 846
Total Metals									
Arsenic	<33.1		mg/kg dry	33.1	5	10/08/09 01:05	MJW	9100193	SW 6010B
Barium	**27.0**		mg/kg dry	6.62	5	10/08/09 01:05	MJW	9100193	SW 6010B
Cadmium	<9.94		mg/kg dry	9.94	5	10/08/09 01:05	MJW	9100193	SW 6010B
Chromium	**19.0**		mg/kg dry	13 2	5	10/08/09 01:05	MJW	9100193	SW 6010B
Lead	**126**		mg/kg dry	26.4	5	10/08/09 01:05	MJW	9100193	SW 6010B
Mercury	**0.256**		mg/kg dry	0.0151	1	10/06/09 16:21	MKH	9100168	SW 7471A
Selenium	<33.1		mg/kg dry	33.1	5	10/08/09 01:05	MJW	9100193	SW 6010B
Silver	<13.2		mg/kg dry	13.2	5	10/08/09 01:05	MJW	9100193	SW 6010B
Organochlorine Pesticides/PCBs									
PCB-1016	<1.91		mg/kg dry	1.91	5	10/06/09 14:25	JBP	9100100	SW 8082
PCB-1221	<1.91		mg/kg dry	1 91	5	10/06/09 14:25	JBP	9100100	SW 8082
PCB-1232	<1.91		mg/kg dry	1.91	5	10/06/09 14:25	JBP	9100100	SW 8082
PCB-1242	<1.91		mg/kg dry	1.91	5	10/06/09 14:25	JBP	9100100	SW 8082
PCB-1248	<1 91		mg/kg dry	1.91	5	10/06/09 14:25	JBP	9100100	SW 8082
PCB-1254	<1.91		mg/kg dry	1.91	5	10/06/09 14:25	JBP	9100100	SW 8082
PCB-1260	<1.91		mg/kg dry	1.91	5	10/06/09 14:25	JBP	9100100	SW 8082
Surr: Tetrachloro-meta-xylene (10-127%)	*113 %*					10/06/09 14:25	JBP	9100100	SW 8082
Surr: Decachlorobiphenyl (10-149%)	*83 %*					10/06/09 14:25	JBP	9100100	SW 8082
Total Petroleum Hydrocarbons									
GRO (C6-C12)	**259**		mg/kg dry	245	250	10/08/09 00:07	eap	9100126	SW 8015B
DRO (C10-C20)	**69300** J	M	mg/kg dry	28100	10	10/08/09 13:57	TWM	9100090	SW 8015B
DRO (C20-C34)	**787000** J	M	mg/kg dry	56200	10	10/08/09 13:57	TWM	9100090	SW 8015B
Surr. o-Terphenyl (44-143%)	*	*Z3*				10/08/09 13:57	TWM	9100090	SW 8015B
Surr. a,a,a-Trifluorotoluene (76-137%)	*114 %*					10/08/09 00:07	eap	9100126	SW 8015B
Surr: 4-Bromofluorobenzene (59-151%)	*88 %*					10/08/09 00 07	eap	9100126	SW 8015B
Diesel Range Organics (DRO)									
Diesel Range Organics (DRO)	**500000** J	A-01a,L1, RL7	mg/kg dry	31000	10	10/06/09 17:30	AHK	9100612	NJ OQA-QAM-025 TPH
Surr: o-Terphenyl (59-118%)	*	*A-01a,RL7, Z3*				10/06/09 17:30	AHK	9100612	OQA-QAM-025 TP
Surr: Chlorobenzene (30-113%)	*	*A-01a,RL7, Z3*				10/06/09 17 30	AHK	9100612	OQA-QAM-025 TP
Physical Parameters by APHA/ASTM/EPA Methods									
% Solids	**48.1**		% by Weight	0.01	1	10/07/09 14:46	SPC	9100721	EPA 160.3

11/4/09

Weston Solutions Inc. (Chicago, IL)
20 North Wacker Drive, Suite 1210
Chicago, IL 60606-2901
Lisa Graczyk

Work Order: DSJ0037
Project: Cincinnati Die Cast
Project Number: 20405.016.001.0780.00

Received: 09/30/09
Reported: 10/20/09 15:59

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DSJ0037-02 (CDC-WL3-093009 - Non-aqueous)					**Sampled: 09/30/09 10:45**		**Recvd: 09/30/09 17:34**		
General Chemistry Parameters									
% Solids	<0 100	H	%	0.100	1	10/19/09 13:00	JLB	9100749	SW 846
Ignitability by Flashpoint	**43.9**		°C	25.0	1	10/01/09 15:20	JLB	9100046	SW 1010 (Mod)
Volatile Organic Compounds by GC/MS									
Acetone	<96.5	RL7	mg/kg wet	96.5	1000	10/14/09 14:07	prb	9100461	SW 8260A
Benzene	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
Bromobenzene	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
Bromochloromethane	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
Bromodichloromethane (Dichlorobromomethane)	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
Bromoform	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
Bromomethane (Methyl bromide)	<9.65	RL7	mg/kg wet	9.65	1000	10/14/09 14:07	prb	9100461	SW 8260A
2-Butanone (MEK)	<48.3	RL7	mg/kg wet	48.3	1000	10/14/09 14:07	prb	9100461	SW 8260A
tert-Butylbenzene	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
sec-Butylbenzene	**14.0**	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
n-Butylbenzene	<4 83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
Carbon disulfide	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
Carbon tetrachloride	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
Chlorobenzene	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
Chloroethane	<9.65	RL7	mg/kg wet	9.65	1000	10/14/09 14:07	prb	9100461	SW 8260A
Chloroform	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
Chloromethane (Methyl chloride)	<9.65	RL7	mg/kg wet	9.65	1000	10/14/09 14:07	prb	9100461	SW 8260A
4-Chlorotoluene	<4.83	RL7	mg/kg wet	4 83	1000	10/14/09 14:07	prb	9100461	SW 8260A
2-Chlorotoluene	<4.83	RL7	mg/kg wet	4 83	1000	10/14/09 14:07	prb	9100461	SW 8260A
Dibromochloromethane (Chlorodibromomethane)	<4.83	RL7	mg/kg wet	4 83	1000	10/14/09 14:07	prb	9100461	SW 8260A
Dibromomethane	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
1,2-Dichlorobenzene	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
1,4-Dichlorobenzene	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
1,3-Dichlorobenzene	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
Dichlorodifluoromethane	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
1,1-Dichloroethane	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
1,2-Dichloroethane	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
cis-1,2-Dichloroethene	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
trans-1,2-Dichloroethene	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14.07	prb	9100461	SW 8260A
1,1-Dichloroethene	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
1,3-Dichloropropane	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
2,2-Dichloropropane	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
1,2-Dichloropropane	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
1,1-Dichloropropene	<4.83	RL7	mg/kg wet	4 83	1000	10/14/09 14:07	prb	9100461	SW 8260A
cis-1,3-Dichloropropene	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
trans-1,3-Dichloropropene	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
Ethylbenzene	**92.6**	RL7	mg/kg wet	4 83	1000	10/14/09 14:07	prb	9100461	SW 8260A
Hexachlorobutadiene	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A

Weston Solutions Inc. (Chicago, IL)
20 North Wacker Drive, Suite 1210
Chicago, IL 60606-2901
Lisa Graczyk

Work Order: DSJ0037
Project: Cincinnati Die Cast
Project Number: 20405.016.001.0780.00

Received: 09/30/09
Reported: 10/20/09 15:59

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DSJ0037-02 (CDC-WL3-093009 - Non-aqueous) - cont.					**Sampled: 09/30/09 10:45**		**Recvd: 09/30/09 17:34**		
Volatile Organic Compounds by GC/MS - cont.									
n-Hexane	<19.3	RL7	mg/kg wet	19.3	1000	10/14/09 14:07	prb	9100461	SW 8260A
2-Hexanone	<48.3	RL7	mg/kg wet	48.3	1000	10/14/09 14:07	prb	9100461	SW 8260A
Isopropylbenzene (Cumene)	**21.4**	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
p-Isopropyltoluene	**15.4**	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
Methyl tert-butyl ether	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
Methylene chloride	<9.65	RL7	mg/kg wet	9.65	1000	10/14/09 14:07	prb	9100461	SW 8260A
4-Methyl-2-pentanone (MIBK)	<48.3	RL7	mg/kg wet	48.3	1000	10/14/09 14:07	prb	9100461	SW 8260A
n-Propylbenzene	**44.6**	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
Styrene	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
1,1,1,2-Tetrachloroethane	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
1,1,2,2-Tetrachloroethane	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
Tetrachloroethene	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
Toluene	**79.5**	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
1,2,4-Trichlorobenzene	<4.83	RL7,L1	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
1,1,1-Trichloroethane	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
1,1,2-Trichloroethane	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
Trichloroethene	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
Trichlorofluoromethane	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
1,2,4-Trimethylbenzene	**2890**	RL7	mg/kg wet	965	1000000	10/14/09 12:15	prb	9100461	SW 8260A
1,3,5-Trimethylbenzene	**73.9**	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
Vinyl Acetate	<4.83	RL7	mg/kg wet	4.83	1000	10/14/09 14:07	prb	9100461	SW 8260A
Vinyl chloride	<1.93	RL7	mg/kg wet	1.93	1000	10/14/09 14:07	prb	9100461	SW 8260A
Xylenes, total	**1920**	RL7	mg/kg wet	48.3	10000	10/13/09 08:43	prb	9100461	SW 8260A
Surr: 1,2-Dichloroethane-d4 (80-120%)	*106 %*	*RL7*				10/14/09 14:07	prb	9100461	SW 8260A
Surr: Dibromofluoromethane (80-120%)	*98 %*	*RL7*				10/14/09 14:07	prb	9100461	SW 8260A
Surr: Toluene-d8 (80-120%)	*93 %*	*RL7*				10/14/09 14:07	prb	9100461	SW 8260A
Surr: 4-Bromofluorobenzene (80-120%)	*105 %*	*RL7*				10/14/09 14:07	prb	9100461	SW 8260A
Sample ID: DSJ0037-03 (CDC-WL4-093009 - Non-aqueous)					**Sampled: 09/30/09 10:50**		**Recvd: 09/30/09 17:34**		
General Chemistry Parameters									
Ignitability by Flashpoint	**50.9**		°C	25.0	1	10/01/09 15:20	JLB	9100022	SW 1010 (Mod)
Sample ID: DSJ0037-04 (CDC-WS1-093009 - Non-aqueous)					**Sampled: 09/30/09 10:58**		**Recvd: 09/30/09 17:34**		
TCLP Metals by 1311/6000/7000									
Lead	0.559		mg/L	0.400	1	10/06/09 22:48	MJW	9100192	SW 6010B
Extraction	ND		N/A	NA	1	10/06/09 09:40	TAD	9100179	SW 1311
Sample ID: DSJ0037-05 (CDC-WS2-093009 - Non-aqueous)					**Sampled: 09/30/09 11:04**		**Recvd: 09/30/09 17:34**		
TCLP Metals by 1311/6000/7000									
Lead	<0.400		mg/L	0.400	1	10/06/09 22:54	MJW	9100192	SW 6010B
Extraction	ND		N/A	NA	1	10/06/09 09:40	TAD	9100179	SW 1311
Sample ID: DSJ0037-06 (CDC-WS3-093009 - Non-aqueous)					**Sampled: 09/30/09 11:06**		**Recvd: 09/30/09 17:34**		
TCLP Metals by 1311/6000/7000									
Lead	**2.45**		mg/L	0.400	1	10/06/09 22:59	MJW	9100192	SW 6010B

Weston Solutions Inc. (Chicago, IL)	Work Order:	DSJ0037		Received.	09/30/09
20 North Wacker Drive, Suite 1210	Project:	Cincinnati Die Cast		Reported:	10/20/09 15:59
Chicago, IL 60606-2901	Project Number:	20405.016.001.0780.00			
Lisa Gráczyk					

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DSJ0037-06 (CDC-WS3-093009 - Non-aqueous) - cont.					**Sampled: 09/30/09 11:06**		**Recvd: 09/30/09 17:34**		
TCLP Metals by 1311/6000/7000 - cont.									
Extraction	ND		N/A	NA	1	10/06/09 09:40	TAD	9100179	SW 1311
Sample ID: DSJ0037-07 (CDC-WL6-093009 - Non-aqueous)					**Sampled: 09/30/09 11:20**		**Recvd: 09/30/09 17:34**		
General Chemistry Parameters									
% Solids	**97.8**		%	0.100	1	10/02/09 10:00	jlb	9100092	SW 846
Organochlorine Pesticides/PCBs									
PCB-1016	<0.983		mg/kg dry	0.983	5	10/06/09 14:45	JBP	9100100	SW 8082
PCB-1221	<0.983		mg/kg dry	0.983	5	10/06/09 14:45	JBP	9100100	SW 8082
PCB-1232	<0.983		mg/kg dry	0.983	5	10/06/09 14:45	JBP	9100100	SW 8082
PCB-1242	<0.983		mg/kg dry	0.983	5	10/06/09 14:45	JBP	9100100	SW 8082
PCB-1248	<0.983		mg/kg dry	0.983	5	10/06/09 14:45	JBP	9100100	SW 8082
PCB-1254	<0.983		mg/kg dry	0.983	5	10/06/09 14:45	JBP	9100100	SW 8082
PCB-1260	<0.983		mg/kg dry	0.983	5	10/06/09 14:45	JBP	9100100	SW 8082
Surr. Tetrachloro-meta-xylene (10-127%)	*99 %*					10/06/09 14:45	JBP	9100100	SW 8082
Surr. Decachlorobiphenyl (10-149%)	*54 %*					10/06/09 14:45	JBP	9100100	SW 8082
Total Petroleum Hydrocarbons									
GRO (C6-C12)	<121		mg/kg dry	121	250	10/07/09 23:07	cap	9100126	SW 8015B
DRO (C10-C20)	**16800** J		mg/kg dry	1420	1	10/08/09 14:39	TWM	9100090	SW 8015B
DRO (C20-C34)	**63700** J		mg/kg dry	2840	1	10/08/09 14:39	TWM	9100090	SW 8015B
Surr: o-Terphenyl (44-143%)	*99 %*					10/08/09 14.39	TWM	9100090	SW 8015B
Surr: a,a,a-Trifluorotoluene (76-137%)	*113 %*					10/07/09 23.07	cap	9100126	SW 8015B
Surr: 4-Bromofluorobenzene (59-151%)	*83 %*					10/07/09 23:07	cap	9100126	SW 8015B
Diesel Range Organics (DRO)									
Diesel Range Organics (DRO)	**75000** J	A-01a,L1, RL7	mg/kg dry	7500	5	10/06/09 18:00	AHK	9100612	NJ OQA-QAM-025 TPH
Surr: o-Terphenyl (59-118%)	*	*A-01a,RL7, Z3*				10/06/09 18:00	AHK	9100612	OQA-QAM-025 TP
Surr: Chlorobenzene (30-113%)	*	*A-01a,RL7, Z3*				10/06/09 18:00	AHK	9100612	OQA-QAM-025 TP
Physical Parameters by APHA/ASTM/EPA Methods									
% Solids	**97.8**		% by Weight	0.01	1	10/07/09 14:46	SPC	9100721	EPA 160.3
Sample ID: DSJ0037-08 (CDC-WL7-093009 - Non-aqueous)					**Sampled: 09/30/09 11:22**		**Recvd: 09/30/09 17:34**		
General Chemistry Parameters									
% Solids	**95.7**		%	0.100	1	10/02/09 10:00	jlb	9100092	SW 846
Organochlorine Pesticides/PCBs									
PCB-1016	<0.886		mg/kg dry	0.886	5	10/06/09 15:04	JBP	9100100	SW 8082
PCB-1221	<0.886		mg/kg dry	0.886	5	10/06/09 15:04	JBP	9100100	SW 8082
PCB-1232	<0.886		mg/kg dry	0.886	5	10/06/09 15:04	JBP	9100100	SW 8082
PCB-1242	<0.886		mg/kg dry	0.886	5	10/06/09 15:04	JBP	9100100	SW 8082
PCB-1248	<0.886		mg/kg dry	0.886	5	10/06/09 15:04	JBP	9100100	SW 8082
PCB-1254	<0.886		mg/kg dry	0.886	5	10/06/09 15:04	JBP	9100100	SW 8082
PCB-1260	<0.886		mg/kg dry	0.886	5	10/06/09 15:04	JBP	9100100	SW 8082
Surr: Tetrachloro-meta-xylene (10-127%)	*110 %*					10/06/09 15:04	JBP	9100100	SW 8082
Surr Decachlorobiphenyl (10-149%)	*54 %*					10/06/09 15:04	JBP	9100100	SW 8082
Total Petroleum Hydrocarbons									

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Weston Solutions Inc. (Chicago, IL)
20 North Wacker Drive, Suite 1210
Chicago, IL 60606-2901
Lisa Graczyk

Work Order: DSJ0037
Project: Cincinnati Die Cast
Project Number: 20405 016.001.0780.00

Received: 09/30/09
Reported: 10/20/09 15:59

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DSJ0037-08 (CDC-WL7-093009 - Non-aqueous) - cont.					**Sampled: 09/30/09 11:22**		**Recvd: 09/30/09 17:34**		
Total Petroleum Hydrocarbons - cont.									
GRO (C6-C12)	<120		mg/kg dry	120	250	10/07/09 23:37	eap	9100126	SW 8015B
DRO (C10-C20)	**12200** J		mg/kg dry	1330	1	10/08/09 15:00	TWM	9100090	SW 8015B
DRO (C20-C34)	**67500** J		mg/kg dry	2660	1	10/08/09 15:00	TWM	9100090	SW 8015B
Surr: o-Terphenyl (44-143%)	*147 %*	*A-01*				10/08/09 15.00	TWM	9100090	SW 8015B
Surr: a,a,a-Trifluorotoluene (76-137%)	*112 %*					10/07/09 23:37	eap	9100126	SW 8015B
Surr: 4-Bromofluorobenzene (59-151%)	*80 %*					10/07/09 23:37	eap	9100126	SW 8015B
Diesel Range Organics (DRO)									
Diesel Range Organics (DRO)	**80000** J	A-01a,L1, RL7	mg/kg dry	7500	5	10/06/09 18:29	AHK	9100612	NJ OQA-QAM-025 TPH
Surr: o-Terphenyl (59-118%)	*	*A-01a,RL7, Z3*				10/06/09 18:29	AHK	9100612	OQA-QAM-025 TP
Surr: Chlorobenzene (30-113%)	*	*A-01a,RL7, Z3*				10/06/09 18:29	AHK	9100612	OQA-QAM-025 TP
Physical Parameters by APHA/ASTM/EPA Methods									
% Solids	**95.7**		% by Weight	0.01	1	10/07/09 14:46	SPC	9100721	EPA 160.3
Sample ID: DSJ0037-09 (CDC-WL8-093009 - Non-aqueous)					**Sampled: 09/30/09 11:31**		**Recvd: 09/30/09 17:34**		
General Chemistry Parameters									
% Solids	<0.100	H	%	0.100	1	10/19/09 13:00	JLB	9100749	SW 846
Ignitability by Flashpoint	**60.9**		°C	25.0	1	10/01/09 15:20	JLB	9100046	SW 1010 (Mod)
Volatile Organic Compounds by GC/MS									
Acetone	<4.05	RL1	mg/kg wet	4 05	42	10/13/09 08:14	prb	9100461	SW 8260A
Benzene	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
Bromobenzene	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
Bromochloromethane	<0 203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
Bromodichloromethane (Dichlorobromomethane)	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
Bromoform	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
Bromomethane (Methyl bromide)	<0.405	RL1	mg/kg wet	0.405	42	10/13/09 08:14	prb	9100461	SW 8260A
2-Butanone (MEK)	<2.03	RL1	mg/kg wet	2.03	42	10/13/09 08:14	prb	9100461	SW 8260A
tert-Butylbenzene	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
sec-Butylbenzene	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
n-Butylbenzene	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
Carbon disulfide	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
Carbon tetrachloride	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
Chlorobenzene	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08 14	prb	9100461	SW 8260A
Chloroethane	<0.405	RL1	mg/kg wet	0.405	42	10/13/09 08:14	prb	9100461	SW 8260A
Chloroform	<0 203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
Chloromethane (Methyl chloride)	<0 405	RL1	mg/kg wet	0.405	42	10/13/09 08:14	prb	9100461	SW 8260A
4-Chlorotoluene	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
2-Chlorotoluene	<0 203	RL1	mg/kg wet	0.203	42	10/13/09 08.14	prb	9100461	SW 8260A
Dibromochloromethane (Chlorodibromomethane)	<0 203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
Dibromomethane	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
1,2-Dichlorobenzene	<0.203	RL1	mg/kg wet	0 203	42	10/13/09 08.14	prb	9100461	SW 8260A
1,4-Dichlorobenzene	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08.14	prb	9100461	SW 8260A

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11/4/09

Weston Solutions Inc. (Chicago, IL)
20 North Wacker Drive, Suite 1210
Chicago, IL 60606-2901
Lisa Graczyk

Work Order: DSJ0037
Project: Cincinnati Die Cast
Project Number: 20405.016.001.0780.00

Received: 09/30/09
Reported: 10/20/09 15:59

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DSJ0037-09 (CDC-WL8-093009 - Non-aqueous) - cont.					**Sampled: 09/30/09 11:31**		**Recvd: 09/30/09 17:34**		
Volatile Organic Compounds by GC/MS - cont.									
1,3-Dichlorobenzene	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
Dichlorodifluoromethane	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
1,1-Dichloroethane	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
1,2-Dichloroethane	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
cis-1,2-Dichloroethene	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
trans-1,2-Dichloroethene	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
1,1-Dichloroethene	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
1,3-Dichloropropane	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
2,2-Dichloropropane	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
1,2-Dichloropropane	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
1,1-Dichloropropene	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
cis-1,3-Dichloropropene	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
trans-1,3-Dichloropropene	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
Ethylbenzene	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
Hexachlorobutadiene	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
n-Hexane	<0.811	RL1	mg/kg wet	0.811	42	10/13/09 08:14	prb	9100461	SW 8260A
2-Hexanone	<2.03	RL1	mg/kg wet	2.03	42	10/13/09 08:14	prb	9100461	SW 8260A
Isopropylbenzene (Cumene)	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
p-Isopropyltoluene	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
Methyl tert-butyl ether	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
Methylene chloride	<0.405	RL1	mg/kg wet	0.405	42	10/13/09 08:14	prb	9100461	SW 8260A
4-Methyl-2-pentanone (MIBK)	<2.03	RL1	mg/kg wet	2.03	42	10/13/09 08:14	prb	9100461	SW 8260A
n-Propylbenzene	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
Styrene	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
1,1,1,2-Tetrachloroethane	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
1,1,2,2-Tetrachloroethane	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
Tetrachloroethene	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
Toluene	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
1,2,4-Trichlorobenzene	<0.203	RL1,L1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
1,1,1-Trichloroethane	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
1,1,2-Trichloroethane	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
Trichloroethene	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
Trichlorofluoromethane	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
1,2,4-Trimethylbenzene	**1.95**	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
1,3,5-Trimethylbenzene	**0.557**	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
Vinyl Acetate	<0.203	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
Vinyl chloride	<0.0811	RL1	mg/kg wet	0.0811	42	10/13/09 08:14	prb	9100461	SW 8260A
Xylenes, total	**1.27**	RL1	mg/kg wet	0.203	42	10/13/09 08:14	prb	9100461	SW 8260A
Surr: 1,2-Dichloroethane-d4 (80-120%)	*106 %*	*RL1*				10/13/09 08:14	prb	9100461	SW 8260A
Surr: Dibromofluoromethane (80-120%)	*95 %*	*RL1*				10/13/09 08:14	prb	9100461	SW 8260A
Surr: Toluene-d8 (80-120%)	*98 %*	*RL1*				10/13/09 08:14	prb	9100461	SW 8260A
Surr: 4-Bromofluorobenzene (80-120%)	*103 %*	*RL1*				10/13/09 08:14	prb	9100461	SW 8260A

Weston Solutions Inc. (Chicago, IL)
20 North Wacker Drive, Suite 1210
Chicago, IL 60606-2901
Lisa Graczyk

Work Order: DSJ0037
Project: Cincinnati Die Cast
Project Number: 20405.016.001.0780.00

Received. 09/30/09
Reported: 10/20/09 15:59

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DSJ0037-10 (CDC-WS4-093009 - Non-aqueous)					**Sampled: 09/30/09 11:45**		**Recvd: 09/30/09 17:34**		
General Chemistry Parameters									
% Solids	**65.2**		%	0.100	1	10/02/09 10.00	jlb	9100092	SW 846
Organochlorine Pesticides/PCBs									
PCB-1016	<0.153		mg/kg dry	0 153	1	10/06/09 17:40	JBP	9100043	SW 8082
PCB-1221	<0.153		mg/kg dry	0 153	1	10/06/09 17:40	JBP	9100043	SW 8082
PCB-1232	<0.153		mg/kg dry	0.153	1	10/06/09 17.40	JBP	9100043	SW 8082
PCB-1242	<0.153		mg/kg dry	0.153	1	10/06/09 17:40	JBP	9100043	SW 8082
PCB-1248	<0.153		mg/kg dry	0.153	1	10/06/09 17.40	JBP	9100043	SW 8082
PCB-1254	<0.153		mg/kg dry	0.153	1	10/06/09 17:40	JBP	9100043	SW 8082
PCB-1260	<0.153		mg/kg dry	0.153	1	10/06/09 17:40	JBP	9100043	SW 8082
Surr: Tetrachloro-meta-xylene (10-127%)	*102 %*					10/06/09 17:40	JBP	9100043	SW 8082
Surr· Decachlorobiphenyl (10-149%)	*74 %*					10/06/09 17:40	JBP	9100043	SW 8082
Sample ID: DSJ0037-11 (CDC-WS5-093009 - Non-aqueous)					**Sampled: 09/30/09 12:03**		**Recvd: 09/30/09 17:34**		
TCLP Metals by 1311/6000/7000									
Arsenic	<0.500		mg/L	0.500	1	10/06/09 23·05	MJW	9100192	SW 6010B
Barium	**1.57**		mg/L	0.100	1	10/06/09 23.05	MJW	9100192	SW 6010B
Cadmium	<0.150		mg/L	0 150	1	10/06/09 23.05	MJW	9100192	SW 6010B
Chromium	<0.200		mg/L	0.200	1	10/06/09 23.05	MJW	9100192	SW 6010B
Lead	<0.400		mg/L	0.400	1	10/06/09 23:05	MJW	9100192	SW 6010B
Mercury	<0 00100		mg/L	0.00100	1	10/07/09 14:22	MKH	9100201	SW 7470A
Selenium	<0 500		mg/L	0.500	1	10/06/09 23:05	MJW	9100192	SW 6010B
Silver	<0.200		mg/L	0.200	1	10/06/09 23:05	MJW	9100192	SW 6010B
Extraction	ND		N/A	NA	1	10/06/09 09:40	TAD	9100179	SW 1311
Sample ID: DSJ0037-12 (CDC-WS6-093009 - Non-aqueous)					**Sampled: 09/30/09 12:05**		**Recvd: 09/30/09 17:34**		
TCLP Metals by 1311/6000/7000									
Arsenic	<0.500		mg/L	0.500	1	10/06/09 23·11	MJW	9100192	SW 6010B
Barium	**0.191**		mg/L	0.100	1	10/06/09 23:11	MJW	9100192	SW 6010B
Cadmium	**1.25**		mg/L	0.150	1	10/06/09 23:11	MJW	9100192	SW 6010B
Chromium	**0.234**		mg/L	0.200	1	10/06/09 23:11	MJW	9100192	SW 6010B
Lead	<0.400		mg/L	0.400	1	10/06/09 23:11	MJW	9100192	SW 6010B
Mercury	<0.00100		mg/L	0 00100	1	10/07/09 14:29	MKH	9100201	SW 7470A
Selenium	<0 500		mg/L	0.500	1	10/06/09 23:11	MJW	9100192	SW 6010B
Silver	<0.200		mg/L	0.200	1	10/06/09 23·11	MJW	9100192	SW 6010B
Extraction	ND		N/A	NA	1	10/06/09 09.40	TAD	9100179	SW 1311
Sample ID: DSJ0037-13 (CDC-WL9-093009 - Non-aqueous)					**Sampled: 09/30/09 12:22**		**Recvd: 09/30/09 17:34**		
General Chemistry Parameters									
% Solids	**62.5**		%	0 100	1	10/02/09 10.00	jlb	9100092	SW 846
Total Metals									
Arsenic	<51.3	RL3	mg/kg dry	51.3	10	10/08/09 13:30	MJW	9100193	SW 6010B
Barium	<10.3	RL3	mg/kg dry	10.3	10	10/08/09 13:30	MJW	9100193	SW 6010B
Cadmium	<15 4	RL3	mg/kg dry	15.4	10	10/08/09 13:30	MJW	9100193	SW 6010B
Chromium	<20 5	RL3	mg/kg dry	20 5	10	10/08/09 13:30	MJW	9100193	SW 6010B

Weston Solutions Inc. (Chicago, IL)	Work Order:	DSJ0037		Received:	09/30/09
20 North Wacker Drive, Suite 1210	Project:	Cincinnati Die Cast		Reported:	10/20/09 15:59
Chicago, IL 60606-2901	Project Number:	20405.016.001.0780 00			
Lisa Graczyk					

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DSJ0037-13 (CDC-WL9-093009 - Non-aqueous) - cont.					**Sampled: 09/30/09 12:22**		**Recvd: 09/30/09 17:34**		
Total Metals - cont.									
Lead	<41.0	RL3	mg/kg dry	41 0	10	10/08/09 13:30	MJW	9100193	SW 6010B
Mercury	<0 0131		mg/kg dry	0.0131	1	10/06/09 16:24	MKH	9100168	SW 7471A
Selenium	<51.3	RL3	mg/kg dry	51.3	10	10/08/09 13:30	MJW	9100193	SW 6010B
Silver	<20.5	RL3	mg/kg dry	20.5	10	10/08/09 13:30	MJW	9100193	SW 6010B
Sample ID: DSJ0037-14 (CDC-WL10-093009 - Water - NonPotable)					**Sampled: 09/30/09 12:30**		**Recvd: 09/30/09 17:34**		
General Chemistry Parameters									
Ignitability by Flashpoint	33.9		°C	25.0	1	10/01/09 15:20	JLB	9100046	SW 1010 (Mod)

Weston Solutions Inc. (Chicago, IL)	Work Order:	DSJ0037		Received.	09/30/09
20 North Wacker Drive, Suite 1210	Project:	Cincinnati Die Cast		Reported:	10/20/09 15:59
Chicago, IL 60606-2901	Project Number:	20405.016.001.0780.00			
Lisa Graczyk					

CERTIFICATION SUMMARY

Subcontracted Laboratories

TestAmerica - King of Prussia Pennsylvania Cert #002

1008 West Ninth Avenue - King of Prussia, PA 19406

Method Performed: EPA 160.3
Samples. DSJ0037-01, DSJ0037-07, DSJ0037-08
Method Performed: NJ OQA-QAM-025 TPH
Samples. DSJ0037-01, DSJ0037-07, DSJ0037-08

Any abnormalities or departures from sample acceptance policy shall be documented on the Chain of Custody and/or Case Narrative included with this report.

For information concerning certifications of this facility or another TestAmerica facility, please visit our website at www.TestAmericaInc.com

Samples collected by TestAmerica Field Services personnel are noted on the Chain of Custody (COC).

DATA QUALIFIERS AND DEFINITIONS

A-01	Surrogate is out of limits due to sample matrix.
A-01a	The Carbon range for QAM-DRO is C10 thru C44.
H	Sample analysis performed past method-specified holding time.
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
M	The MS, MSD, and/or RPD are outside of acceptance limits due to matrix interference. Please see Blank Spike (LCS).
RL1	Reporting limit raised due to sample matrix effects.
RL3	Reporting limit raised due to high concentrations of non-target analytes.
RL7	Sample required dilution due to high concentrations of target analyte.
S3	Post digestion spike is out of acceptance limits for this analyte
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.

ADDITIONAL COMMENTS

Results are reported on a wet weight basis unless otherwise noted.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

4738 Gateway Circle Dayton, OH 45440 (800) 572-9839
339 W Walton Blvd Pontiac, MI 48340 (800) 526-4951

October 20, 2009

Client:

Weston Solutions Inc. (Chicago, IL)
20 North Wacker Drive, Suite 1210
Chicago, IL 60606-2901

Attn: Lisa Graczyk

Work Order: DSJ0037
Project Name: Cincinnati Die Cast
Project Number: 20405.016.001.0780.00

Date Received: 09/30/09

Samples logged in at Dayton laboratory.

An executed copy of the Chain of Custody is 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 the number shown above

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
CDC-WL1-093009	DSJ0037-01	09/30/09 10 30
CDC-WL3-093009	DSJ0037-02	09/30/09 10 45
CDC-WL4-093009	DSJ0037-03	09/30/09 10:50
CDC-WS1-093009	DSJ0037-04	09/30/09 10:58
CDC-WS2-093009	DSJ0037-05	09/30/09 11:04
CDC-WS3-093009	DSJ0037-06	09/30/09 11:06
CDC-WL6-093009	DSJ0037-07	09/30/09 11:20
CDC-WL7-093009	DSJ0037-08	09/30/09 11:22
CDC-WL8-093009	DSJ0037-09	09/30/09 11:31
CDC-WS4-093009	DSJ0037-10	09/30/09 11:45
CDC-WS5-093009	DSJ0037-11	09/30/09 12.03
CDC-WS6-093009	DSJ0037-12	09/30/09 12:05
CDC-WL9-093009	DSJ0037-13	09/30/09 12:22
CDC-WL10-093009	DSJ0037-14	09/30/09 12:30

Case Narrative: This is a revised report to correct the VOC units from ug/kg to mg/kg, and also to report all samples as non-aqueous, per client request.

Please note that the volatile results for samples DSJ0037-02 (CDC-WL3-093009) and DSJ0037-09 (CDC-WL8-093009) have no dry weight correction. We analyzed for percent dry weight, but both samples completely volatilized when we were drying them. The result for both of those samples was <0.100 % solids, which is also our reporting limit. When this number is the result, our lab reporting system will not calculate dry weight, therefore, the results are mg/kg wet, since the "0" (zero) result in the percent dry weight would skew the calculations all to zero otherwise.

Ohio Certification Number: 4074, 857

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TestAmerica Laboratories, Inc certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory

TestAmerica Dayton
Deidre Taylor
Project Manager

Weston Solutions Inc (Chicago, IL)	Work Order	DSJ0037		Received	09/30/09
20 North Wacker Drive, Suite 1210	Project	Cincinnati Die Cast		Reported	10/20/09 15 59
Chicago, IL 60606-2901	Project Number	20405 016 001 0780 00			
Lisa Ciraczyk					

Report Approved By

This report has been electronically signed.

TestAmerica Dayton

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

4738 Gateway Circle Dayton, OH 45440 (800) 572-9839
339 W Walton Blvd Pontiac, MI 48340 (800) 526-4951

Weston Solutions Inc (Chicago, IL)	Work Order	DSJ0037		Received	09/30/09
20 North Wacker Drive, Suite 1210	Project	Cincinnati Die Cast		Reported	10/20/09 15 59
Chicago, IL 60606-2901	Project Number	20405 016 001 0780 00			
Lisa Graczyk					

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DSJ0037-01 (CDC-WL1-093009 - Non-aqueous)					**Sampled: 09/30/09 10:30**		**Recvd: 09/30/09 17:34**		
General Chemistry Parameters									
% Solids	**48.1**		%	0 100	1	10/02/09 10 00	jlb	9100092	SW 846
Total Metals									
Arsenic	<33 1		mg/kg dry	33 1	5	10/08/09 01 05	MJW	9100193	SW 6010B
Barium	**27.0**		mg/kg dry	6 62	5	10/08/09 01 05	MJW	9100193	SW 6010B
Cadmium	<9 94		mg/kg dry	9 94	5	10/08/09 01 05	MJW	9100193	SW 6010B
Chromium	**19.0**		mg/kg dry	13 2	5	10/08/09 01 05	MJW	9100193	SW 6010B
Lead	**126**		mg/kg dry	26 4	5	10/08/09 01 05	MJW	9100193	SW 6010B
Mercury	**0.256**		mg/kg dry	0 0151	1	10/06/09 16 21	MKH	9100168	SW 7471A
Selenium	<33 1		mg/kg dry	33 1	5	10/08/09 01 05	MJW	9100193	SW 6010B
Silver	<13 2		mg/kg dry	13 2	5	10/08/09 01 05	MJW	9100193	SW 6010B
Organochlorine Pesticides/PCBs									
PCB-1016	<1 91		mg/kg dry	1 91	5	10/06/09 14 25	JBP	9100100	SW 8082
PCB-1221	<1 91		mg/kg dry	1 91	5	10/06/09 14 25	JBP	9100100	SW 8082
PCB-1232	<1 91		mg/kg dry	1 91	5	10/06/09 14 25	JBP	9100100	SW 8082
PCB-1242	<1 91		mg/kg dry	1 91	5	10/06/09 14 25	JBP	9100100	SW 8082
PCB-1248	<1 91		mg/kg dry	1 91	5	10/06/09 14 25	JBP	9100100	SW 8082
PCB-1254	<1 91		mg/kg dry	1 91	5	10/06/09 14 25	JBP	9100100	SW 8082
PCB-1260	<1 91		mg/kg dry	1 91	5	10/06/09 14 25	JBP	9100100	SW 8082
Surr Tetrachloro-meta-xylene (10-127%)	*113 %*					10/06/09 14 25	JBP	9100100	SW 8082
Surr Decachlorobiphenyl (10-149%)	*83 %*					10/06/09 14 25	JBP	9100100	SW 8082
Total Petroleum Hydrocarbons									
GRO (C6-C12)	**259**		mg/kg dry	245	250	10/08/09 00 07	eap	9100126	SW 8015B
DRO (C10-C20)	**69300**	M	mg/kg dry	28100	10	10/08/09 13 57	TWM	9100090	SW 8015B
DRO (C20-C34)	**787000**	M	mg/kg dry	56200	10	10/08/09 13 57	TWM	9100090	SW 8015B
Surr o-Terphenyl (44-143%)	*	*Z3*				10/08/09 13 57	TWM	9100090	SW 8015B
Surr a,a,a-Trifluorotoluene (76-137%)	*114 %*					10/08/09 00 07	eap	9100126	SW 8015B
Surr 4-Bromofluorobenzene (59-151%)	*88 %*					10/08/09 00 07	eap	9100126	SW 8015B
Diesel Range Organics (DRO)									
Diesel Range Organics (DRO)	**500000**	A-01a,L1, RL7	mg/kg dry	31000	10	10/06/09 17 30	AHK	9100612	NJ OQA-QAM-025 TPH
Surr o-Terphenyl (59-118%)	*	*A-01a,RL7, Z3*				10/06/09 17 30	AHK	9100612	OQA-QAM-025 TP
Surr Chlorobenzene (30-113%)	*	*A-01a,RL7, Z3*				10/06/09 17 30	AHK	9100612	OQA-QAM-025 TP
Physical Parameters by APHA/ASTM/EPA Methods									
% Solids	**48.1**		% by Weight	0 01	1	10/07/09 14 46	SPC	9100721	EPA 160 3

Weston Solutions Inc (Chicago, IL)	Work Order	DSJ0037		Received	09/30/09
20 North Wacker Drive, Suite 1210	Project	Cincinnati Die Cast		Reported	10/20/09 15 59
Chicago, IL 60606-2901	Project Number	20405 016 001 0780 00			
Lisa Graczyk					

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DSJ0037-02 (CDC-WL3-093009 - Non-aqueous)					**Sampled: 09/30/09 10:45**		**Recvd: 09/30/09 17:34**		
General Chemistry Parameters									
% Solids	<0 100	H	%	0 100	1	10/19/09 13 00	JLB	9100749	SW 846
Ignitability by Flashpoint	**43.9**		°C	25 0	1	10/01/09 15 20	JLB	9100046	SW 1010 (Mod)
Volatile Organic Compounds by GC/MS									
Acetone	<96 5	RL7	mg/kg wet	96 5	1000	10/14/09 14 07	prb	9100461	SW 8260A
Benzene	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
Bromobenzene	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
Bromochloromethane	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
Bromodichloromethane (Dichlorobromomethane)	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
Bromoform	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
Bromomethane (Methyl bromide)	<9 65	RL7	mg/kg wet	9 65	1000	10/14/09 14 07	prb	9100461	SW 8260A
2-Butanone (MEK)	<48 3	RL7	mg/kg wet	48 3	1000	10/14/09 14 07	prb	9100461	SW 8260A
tert-Butylbenzene	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
sec-Butylbenzene	**14.0**	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
n-Butylbenzene	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
Carbon disulfide	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
Carbon tetrachloride	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
Chlorobenzene	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
Chloroethane	<9 65	RL7	mg/kg wet	9 65	1000	10/14/09 14 07	prb	9100461	SW 8260A
Chloroform	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
Chloromethane (Methyl chloride)	<9 65	RL7	mg/kg wet	9 65	1000	10/14/09 14 07	prb	9100461	SW 8260A
4-Chlorotoluene	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
2-Chlorotoluene	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
Dibromochloromethane (Chlorodibromomethane)	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
Dibromomethane	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
1,2-Dichlorobenzene	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
1,4-Dichlorobenzene	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
1,3-Dichlorobenzene	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
Dichlorodifluoromethane	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
1,1-Dichloroethane	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
1,2-Dichloroethane	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
cis-1,2-Dichloroethene	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
trans-1,2-Dichloroethene	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
1,1-Dichloroethene	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
1,3-Dichloropropane	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
2,2-Dichloropropane	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
1,2-Dichloropropane	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
1,1-Dichloropropene	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
cis-1,3-Dichloropropene	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
trans-1,3-Dichloropropene	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
Ethylbenzene	**92.6**	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
Hexachlorobutadiene	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A

Weston Solutions Inc (Chicago, IL)	Work Order	DSJ0037		Received	09/30/09
20 North Wacker Drive, Suite 1210	Project	Cincinnati Die Cast		Reported	10/20/09 15 59
Chicago, IL 60606-2901	Project Number	20405 016 001 0780 00			
Lisa Graczyk					

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DSJ0037-02 (CDC-WL3-093009 - Non-aqueous) - cont.					**Sampled: 09/30/09 10:45**		**Recvd: 09/30/09 17:34**		
Volatile Organic Compounds by GC/MS - cont									
n-Hexane	<19 3	RL7	mg/kg wet	19 3	1000	10/14/09 14 07	prb	9100461	SW 8260A
2-Hexanone	<48 3	RL7	mg/kg wet	48 3	1000	10/14/09 14 07	prb	9100461	SW 8260A
Isopropylbenzene (Cumene)	**21.4**	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
p-Isopropyltoluene	**15.4**	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
Methyl tert-butyl ether	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
Methylene chloride	<9 65	RL7	mg/kg wet	9 65	1000	10/14/09 14 07	prb	9100461	SW 8260A
4-Methyl-2-pentanone (MIBK)	<48 3	RL7	mg/kg wet	48 3	1000	10/14/09 14 07	prb	9100461	SW 8260A
n-Propylbenzene	**44.6**	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
Styrene	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
1,1,1,2-Tetrachloroethane	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
1,1,2,2-Tetrachloroethane	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
Tetrachloroethene	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
Toluene	**79.5**	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
1,2,4-Trichlorobenzene	<4 83	RL7,L1	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
1,1,1-Trichloroethane	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
1,1,2-Trichloroethane	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
Trichloroethene	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
Trichlorofluoromethane	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
1,2,4-Trimethylbenzene	**2890**	RL7	mg/kg wet	965	1000000	10/14/09 12 15	prb	9100461	SW 8260A
1,3,5-Trimethylbenzene	**73.9**	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
Vinyl Acetate	<4 83	RL7	mg/kg wet	4 83	1000	10/14/09 14 07	prb	9100461	SW 8260A
Vinyl chloride	<1 93	RL7	mg/kg wet	1 93	1000	10/14/09 14 07	prb	9100461	SW 8260A
Xylenes, total	**1920**	RL7	mg/kg wet	48 3	10000	10/13/09 08 43	prb	9100461	SW 8260A
Surr 1,2-Dichloroethane-d4 (80-120%)	*106 %*	*RL7*				10/14/09 14 07	prb	9100461	SW 8260A
Surr Dibromofluoromethane (80-120%)	*98 %*	*RL7*				10/14/09 14 07	prb	9100461	SW 8260A
Surr Toluene-d8 (80-120%)	*93 %*	*RL7*				10/14/09 14 07	prb	9100461	SW 8260A
Surr 4-Bromofluorobenzene (80-120%)	*105 %*	*RL7*				10/14/09 14 07	prb	9100461	SW 8260A
Sample ID: DSJ0037-03 (CDC-WL4-093009 - Non-aqueous)					**Sampled: 09/30/09 10:50**		**Recvd: 09/30/09 17:34**		
General Chemistry Parameters									
Ignitability by Flashpoint	**50.9**		°C	25 0	1	10/01/09 15 20	JLB	9100022	SW 1010 (Mod)
Sample ID: DSJ0037-04 (CDC-WS1-093009 - Non-aqueous)					**Sampled: 09/30/09 10:58**		**Recvd: 09/30/09 17:34**		
TCLP Metals by 1311/6000/7000									
Lead	**0.559**		mg/L	0 400	1	10/06/09 22 48	MJW	9100192	SW 6010B
Extraction	ND		N/A	NA	1	10/06/09 09 40	TAD	9100179	SW 1311
Sample ID: DSJ0037-05 (CDC-WS2-093009 - Non-aqueous)					**Sampled: 09/30/09 11:04**		**Recvd: 09/30/09 17:34**		
TCLP Metals by 1311/6000/7000									
Lead	<0 400		mg/L	0 400	1	10/06/09 22 54	MJW	9100192	SW 6010B
Extraction	ND		N/A	NA	1	10/06/09 09 40	TAD	9100179	SW 1311
Sample ID: DSJ0037-06 (CDC-WS3-093009 - Non-aqueous)					**Sampled: 09/30/09 11:06**		**Recvd: 09/30/09 17:34**		
TCLP Metals by 1311/6000/7000									
Lead	**2.45**		mg/L	0 400	1	10/06/09 22 59	MJW	9100192	SW 6010B

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ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DSJ0037-06 (CDC-WS3-093009 - Non-aqueous) - cont.					**Sampled: 09/30/09 11:06**		**Recvd: 09/30/09 17:34**		
TCLP Metals by 1311/6000/7000 - cont									
Extraction	ND		N/A	NA	1	10/06/09 09 40	TAD	9100179	SW 1311
Sample ID: DSJ0037-07 (CDC-WL6-093009 - Non-aqueous)					**Sampled: 09/30/09 11:20**		**Recvd: 09/30/09 17:34**		
General Chemistry Parameters									
% Solids	**97.8**		%	0 100	1	10/02/09 10 00	jlb	9100092	SW 846
Organochlorine Pesticides/PCBs									
PCB-1016	<0 983		mg/kg dry	0 983	5	10/06/09 14 45	JBP	9100100	SW 8082
PCB-1221	<0 983		mg/kg dry	0 983	5	10/06/09 14 45	JBP	9100100	SW 8082
PCB-1232	<0 983		mg/kg dry	0 983	5	10/06/09 14 45	JBP	9100100	SW 8082
PCB-1242	<0 983		mg/kg dry	0 983	5	10/06/09 14 45	JBP	9100100	SW 8082
PCB-1248	<0 983		mg/kg dry	0 983	5	10/06/09 14 45	JBP	9100100	SW 8082
PCB-1254	<0 983		mg/kg dry	0 983	5	10/06/09 14 45	JBP	9100100	SW 8082
PCB-1260	<0 983		mg/kg dry	0 983	5	10/06/09 14 45	JBP	9100100	SW 8082
Surr Tetrachloro-meta-xylene (10-127%)	*99 %*					10/06/09 14 45	JBP	9100100	SW 8082
Surr Decachlorobiphenyl (10-149%)	*54 %*					10/06/09 14 45	JBP	9100100	SW 8082
Total Petroleum Hydrocarbons									
GRO (C6-C12)	<121		mg/kg dry	121	250	10/07/09 23 07	eap	9100126	SW 8015B
DRO (C10-C20)	**16800**		mg/kg dry	1420	1	10/08/09 14 39	TWM	9100090	SW 8015B
DRO (C20-C34)	**63700**		mg/kg dry	2840	1	10/08/09 14 39	TWM	9100090	SW 8015B
Surr o-Terphenyl (44-143%)	*99 %*					10/08/09 14 39	TWM	9100090	SW 8015B
Surr a,a,a-Trifluorotoluene (76-137%)	*113 %*					10/07/09 23 07	eap	9100126	SW 8015B
Surr 4-Bromofluorobenzene (59-151%)	*83 %*					10/07/09 23 07	eap	9100126	SW 8015B
Diesel Range Organics (DRO)									
Diesel Range Organics (DRO)	**75000**	A-01a,L1, RL7	mg/kg dry	7500	5	10/06/09 18 00	AHK	9100612	NJ OQA-QAM-025 TPH
Surr o-Terphenyl (59-118%)	*	*A-01a,RL7, Z3*				10/06/09 18 00	AHK	9100612	OQA-QAM-025 TP
Surr Chlorobenzene (30-113%)	*	*A-01a,RL7, Z3*				10/06/09 18 00	AHK	9100612	OQA-QAM-025 TP
Physical Parameters by APHA/ASTM/EPA Methods									
% Solids	**97.8**		% by Weight	0 01	1	10/07/09 14 46	SPC	9100721	EPA 160 3
Sample ID: DSJ0037-08 (CDC-WL7-093009 - Non-aqueous)					**Sampled: 09/30/09 11:22**		**Recvd: 09/30/09 17:34**		
General Chemistry Parameters									
% Solids	**95.7**		%	0 100	1	10/02/09 10 00	jlb	9100092	SW 846
Organochlorine Pesticides/PCBs									
PCB-1016	<0 886		mg/kg dry	0 886	5	10/06/09 15 04	JBP	9100100	SW 8082
PCB-1221	<0 886		mg/kg dry	0 886	5	10/06/09 15 04	JBP	9100100	SW 8082
PCB-1232	<0 886		mg/kg dry	0 886	5	10/06/09 15 04	JBP	9100100	SW 8082
PCB-1242	<0 886		mg/kg dry	0 886	5	10/06/09 15 04	JBP	9100100	SW 8082
PCB-1248	<0 886		mg/kg dry	0 886	5	10/06/09 15 04	JBP	9100100	SW 8082
PCB-1254	<0 886		mg/kg dry	0 886	5	10/06/09 15 04	JBP	9100100	SW 8082
PCB-1260	<0 886		mg/kg dry	0 886	5	10/06/09 15 04	JBP	9100100	SW 8082
Surr Tetrachloro-meta-xylene (10-127%)	*110 %*					10/06/09 15 04	JBP	9100100	SW 8082
Surr Decachlorobiphenyl (10-149%)	*54 %*					10/06/09 15 04	JBP	9100100	SW 8082
Total Petroleum Hydrocarbons									

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ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DSJ0037-08 (CDC-WL7-093009 - Non-aqueous) - cont.					**Sampled: 09/30/09 11:22**		**Recvd: 09/30/09 17:34**		
Total Petroleum Hydrocarbons - cont									
GRO (C6-C12)	<120		mg/kg dry	120	250	10/07/09 23 37	eap	9100126	SW 8015B
DRO (C10-C20)	**12200**		mg/kg dry	1330	1	10/08/09 15 00	TWM	9100090	SW 8015B
DRO (C20-C34)	**67500**		mg/kg dry	2660	1	10/08/09 15 00	TWM	9100090	SW 8015B
Surr o-Terphenyl (44-143%)	*147 %*	*A-01*				10/08/09 15 00	TWM	9100090	SW 8015B
Surr a,a,a-Trifluorotoluene (76-137%)	*112 %*					10/07/09 23 37	eap	9100126	SW 8015B
Surr 4-Bromofluorobenzene (59-151%)	*80 %*					10/07/09 23 37	eap	9100126	SW 8015B
Diesel Range Organics (DRO)									
Diesel Range Organics (DRO)	**80000**	A-01a,L1, RL7	mg/kg dry	7500	5	10/06/09 18 29	AHK	9100612	NJ OQA-QAM-025 TPH
Surr o-Terphenyl (59-118%)	*	*A-01a,RL7, Z3*				10/06/09 18 29	AHK	9100612	OQA-QAM-025 TP
Surr Chlorobenzene (30-113%)	*	*A-01a,RL7, Z3*				10/06/09 18 29	AHK	9100612	OQA-QAM-025 TP
Physical Parameters by APHA/ASTM/EPA Methods									
% Solids	**95.7**		% by Weight	0 01	1	10/07/09 14 46	SPC	9100721	EPA 160 3
Sample ID: DSJ0037-09 (CDC-WL8-093009 - Non-aqueous)					**Sampled: 09/30/09 11:31**		**Recvd: 09/30/09 17:34**		
General Chemistry Parameters									
% Solids	<0 100	H	%	0 100	1	10/19/09 13 00	JLB	9100749	SW 846
Ignitability by Flashpoint	**60.9**		°C	25 0	1	10/01/09 15 20	JLB	9100046	SW 1010 (Mod)
Volatile Organic Compounds by GC/MS									
Acetone	<4 05	RL1	mg/kg wet	4 05	42	10/13/09 08 14	prb	9100461	SW 8260A
Benzene	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
Bromobenzene	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
Bromochloromethane	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
Bromodichloromethane (Dichlorobromomethane)	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
Bromoform	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
Bromomethane (Methyl bromide)	<0 405	RL1	mg/kg wet	0 405	42	10/13/09 08 14	prb	9100461	SW 8260A
2-Butanone (MEK)	<2 03	RL1	mg/kg wet	2 03	42	10/13/09 08 14	prb	9100461	SW 8260A
tert-Butylbenzene	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
sec-Butylbenzene	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
n-Butylbenzene	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
Carbon disulfide	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
Carbon tetrachloride	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
Chlorobenzene	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
Chloroethane	<0 405	RL1	mg/kg wet	0 405	42	10/13/09 08 14	prb	9100461	SW 8260A
Chloroform	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
Chloromethane (Methyl chloride)	<0 405	RL1	mg/kg wet	0 405	42	10/13/09 08 14	prb	9100461	SW 8260A
4-Chlorotoluene	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
2-Chlorotoluene	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
Dibromochloromethane (Chlorodibromomethane)	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
Dibromomethane	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
1,2-Dichlorobenzene	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
1,4-Dichlorobenzene	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A

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ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DSJ0037-09 (CDC-WL8-093009 - Non-aqueous) - cont.					**Sampled: 09/30/09 11:31**		**Recvd: 09/30/09 17:34**		
Volatile Organic Compounds by GC/MS - cont									
1,3-Dichlorobenzene	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
Dichlorodifluoromethane	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
1,1-Dichloroethane	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
1,2-Dichloroethane	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
cis-1,2-Dichloroethene	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
trans-1,2-Dichloroethene	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
1,1-Dichloroethene	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
1,3-Dichloropropane	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
2,2-Dichloropropane	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
1,2-Dichloropropane	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
1,1-Dichloropropene	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
cis-1,3-Dichloropropene	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
trans-1,3-Dichloropropene	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
Ethylbenzene	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
Hexachlorobutadiene	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
n-Hexane	<0 811	RL1	mg/kg wet	0 811	42	10/13/09 08 14	prb	9100461	SW 8260A
2-Hexanone	<2 03	RL1	mg/kg wet	2 03	42	10/13/09 08 14	prb	9100461	SW 8260A
Isopropylbenzene (Cumene)	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
p-Isopropyltoluene	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
Methyl tert-butyl ether	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
Methylene chloride	<0 405	RL1	mg/kg wet	0 405	42	10/13/09 08 14	prb	9100461	SW 8260A
4-Methyl-2-pentanone (MIBK)	<2 03	RL1	mg/kg wet	2 03	42	10/13/09 08 14	prb	9100461	SW 8260A
n-Propylbenzene	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
Styrene	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
1,1,1,2-Tetrachloroethane	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
1,1,2,2-Tetrachloroethane	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
Tetrachloroethene	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
Toluene	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
1,2,4-Trichlorobenzene	<0 203	RL1,L1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
1,1,1-Trichloroethane	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
1,1,2-Trichloroethane	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
Trichloroethene	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
Trichlorofluoromethane	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
1,2,4-Trimethylbenzene	**1.95**	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
1,3,5-Trimethylbenzene	**0.557**	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
Vinyl Acetate	<0 203	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
Vinyl chloride	<0 0811	RL1	mg/kg wet	0 0811	42	10/13/09 08 14	prb	9100461	SW 8260A
Xylenes, total	**1.27**	RL1	mg/kg wet	0 203	42	10/13/09 08 14	prb	9100461	SW 8260A
Surr 1,2-Dichloroethane-d4 (80-120%)	*106 %*	*RL1*				10/13/09 08 14	prb	9100461	SW 8260A
Surr Dibromofluoromethane (80-120%)	*95 %*	*RL1*				10/13/09 08 14	prb	9100461	SW 8260A
Surr Toluene-d8 (80-120%)	*98 %*	*RL1*				10/13/09 08 14	prb	9100461	SW 8260A
Surr 4-Bromofluorobenzene (80-120%)	*103 %*	*RL1*				10/13/09 08 14	prb	9100461	SW 8260A

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Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DSJ0037-10 (CDC-WS4-093009 - Non-aqueous)					**Sampled: 09/30/09 11:45**		**Recvd: 09/30/09 17:34**		
General Chemistry Parameters									
% Solids	**65.2**		%	0 100	1	10/02/09 10 00	jlb	9100092	SW 846
Organochlorine Pesticides/PCBs									
PCB-1016	<0 153		mg/kg dry	0 153	1	10/06/09 17 40	JBP	9100043	SW 8082
PCB-1221	<0 153		mg/kg dry	0 153	1	10/06/09 17 40	JBP	9100043	SW 8082
PCB-1232	<0 153		mg/kg dry	0 153	1	10/06/09 17 40	JBP	9100043	SW 8082
PCB-1242	<0 153		mg/kg dry	0 153	1	10/06/09 17 40	JBP	9100043	SW 8082
PCB-1248	<0 153		mg/kg dry	0 153	1	10/06/09 17 40	JBP	9100043	SW 8082
PCB-1254	<0 153		mg/kg dry	0 153	1	10/06/09 17 40	JBP	9100043	SW 8082
PCB-1260	<0 153		mg/kg dry	0 153	1	10/06/09 17 40	JBP	9100043	SW 8082
Surr Tetrachloro-meta-xylene (10-127%)	*102 %*					10/06/09 17 40	JBP	9100043	SW 8082
Surr Decachlorobiphenyl (10-149%)	*74 %*					10/06/09 17 40	JBP	9100043	SW 8082
Sample ID: DSJ0037-11 (CDC-WS5-093009 - Non-aqueous)					**Sampled: 09/30/09 12:03**		**Recvd: 09/30/09 17:34**		
TCLP Metals by 1311/6000/7000									
Arsenic	<0 500		mg/L	0 500	1	10/06/09 23 05	MJW	9100192	SW 6010B
Barium	**1.57**		mg/L	0 100	1	10/06/09 23 05	MJW	9100192	SW 6010B
Cadmium	<0 150		mg/L	0 150	1	10/06/09 23 05	MJW	9100192	SW 6010B
Chromium	<0 200		mg/L	0 200	1	10/06/09 23 05	MJW	9100192	SW 6010B
Lead	<0 400		mg/L	0 400	1	10/06/09 23 05	MJW	9100192	SW 6010B
Mercury	<0 00100		mg/L	0 00100	1	10/07/09 14 22	MKH	9100201	SW 7470A
Selenium	<0 500		mg/L	0 500	1	10/06/09 23 05	MJW	9100192	SW 6010B
Silver	<0 200		mg/L	0 200	1	10/06/09 23 05	MJW	9100192	SW 6010B
Extraction	ND		N/A	NA	1	10/06/09 09 40	TAD	9100179	SW 1311
Sample ID: DSJ0037-12 (CDC-WS6-093009 - Non-aqueous)					**Sampled: 09/30/09 12:05**		**Recvd: 09/30/09 17:34**		
TCLP Metals by 1311/6000/7000									
Arsenic	<0 500		mg/L	0 500	1	10/06/09 23 11	MJW	9100192	SW 6010B
Barium	**0.191**		mg/L	0 100	1	10/06/09 23 11	MJW	9100192	SW 6010B
Cadmium	**1.25**		mg/L	0 150	1	10/06/09 23 11	MJW	9100192	SW 6010B
Chromium	**0.234**		mg/L	0 200	1	10/06/09 23 11	MJW	9100192	SW 6010B
Lead	<0 400		mg/L	0 400	1	10/06/09 23 11	MJW	9100192	SW 6010B
Mercury	<0 00100		mg/L	0 00100	1	10/07/09 14 29	MKH	9100201	SW 7470A
Selenium	<0 500		mg/L	0 500	1	10/06/09 23 11	MJW	9100192	SW 6010B
Silver	<0 200		mg/L	0 200	1	10/06/09 23 11	MJW	9100192	SW 6010B
Extraction	ND		N/A	NA	1	10/06/09 09 40	TAD	9100179	SW 1311
Sample ID: DSJ0037-13 (CDC-WL9-093009 - Non-aqueous)					**Sampled: 09/30/09 12:22**		**Recvd: 09/30/09 17:34**		
General Chemistry Parameters									
% Solids	**62.5**		%	0 100	1	10/02/09 10 00	jlb	9100092	SW 846
Total Metals									
Arsenic	<51 3	RL3	mg/kg dry	51 3	10	10/08/09 13 30	MJW	9100193	SW 6010B
Barium	<10 3	RL3	mg/kg dry	10 3	10	10/08/09 13 30	MJW	9100193	SW 6010B
Cadmium	<15 4	RL3	mg/kg dry	15 4	10	10/08/09 13 30	MJW	9100193	SW 6010B
Chromium	<20 5	RL3	mg/kg dry	20 5	10	10/08/09 13 30	MJW	9100193	SW 6010B

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ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DSJ0037-13 (CDC-WL9-093009 - Non-aqueous) - cont.					**Sampled: 09/30/09 12:22**		**Recvd: 09/30/09 17:34**		
Total Metals - cont									
Lead	<41 0	RL3	mg/kg dry	41 0	10	10/08/09 13 30	MJW	9100193	SW 6010B
Mercury	<0 0131		mg/kg dry	0 0131	1	10/06/09 16 24	MKH	9100168	SW 7471A
Selenium	<51 3	RL3	mg/kg dry	51 3	10	10/08/09 13 30	MJW	9100193	SW 6010B
Silver	<20 5	RL3	mg/kg dry	20 5	10	10/08/09 13 30	MJW	9100193	SW 6010B
Sample ID: DSJ0037-14 (CDC-WL10-093009 - Water - NonPotable)					**Sampled: 09/30/09 12:30**		**Recvd: 09/30/09 17:34**		
General Chemistry Parameters									
Ignitability by Flashpoint	**33.9**		°C	25 0	1	10/01/09 15 20	JLB	9100046	SW 1010 (Mod)

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LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
Total Metals														
Mercury	9100168			mg/kg wet	N/A	0 00833	<0 00833							
Arsenic	9100193			mg/kg wet	N/A	3 33	<3 33							
Barium	9100193			mg/kg wet	N/A	0 666	<0 666							
Cadmium	9100193			mg/kg wet	N/A	1 00	<1 00							
Chromium	9100193			mg/kg wet	N/A	1 33	<1 33							
Lead	9100193			mg/kg wet	N/A	2 66	<2 66							
Selenium	9100193			mg/kg wet	N/A	3 33	<3 33							
Silver	9100193			mg/kg wet	N/A	1 33	<1 33							
Organochlorine Pesticides/PCBs														
PCB-1016	9100043			mg/kg wet	N/A	0 0996	<0 0996							
PCB-1260	9100043			mg/kg wet	N/A	0 0996	<0 0996							
Surrogate Tetrachloro-meta-xylene	*9100043*			mg/kg wet					*120*		*10-127*			
Surrogate Decachlorobiphenyl	*9100043*			mg/kg wet					*73*		*10-149*			
PCB-1016	9100100			mg/kg wet	N/A	1 00	<1 00							
PCB-1260	9100100			mg/kg wet	N/A	1 00	<1 00							
Surrogate Tetrachloro-meta-xylene	*9100100*			mg/kg wet					*115*		*10-127*			
Surrogate Decachlorobiphenyl	*9100100*			mg/kg wet					*102*		*10-149*			
Volatile Organic Compounds by GC/MS														
Benzene	9100461			mg/kg wet	N/A	0 210	<0 210							
Bromodichloromethane (Dichlorobromomethane)	9100461			mg/kg wet	N/A	0 210	<0 210							
Bromoform	9100461			mg/kg wet	N/A	0 210	<0 210							
Bromomethane (Methyl bromide)	9100461			mg/kg wet	N/A	0 420	<0 420							
Carbon tetrachloride	9100461			mg/kg wet	N/A	0 210	<0 210							
Chlorobenzene	9100461			mg/kg wet	N/A	0 210	<0 210							
Chloroethane	9100461			mg/kg wet	N/A	0 420	<0 420							
Chloroform	9100461			mg/kg wet	N/A	0 210	<0 210							
Chloromethane (Methyl chloride)	9100461			mg/kg wet	N/A	0 420	<0 420							
Dibromochloromethane (Chlorodibromomethane)	9100461			mg/kg wet	N/A	0 210	<0 210							
1,2-Dichlorobenzene	9100461			mg/kg wet	N/A	0 210	<0 210							
1,4-Dichlorobenzene	9100461			mg/kg wet	N/A	0 210	<0 210							
1,3-Dichlorobenzene	9100461			mg/kg wet	N/A	0 210	<0 210							
1,1-Dichloroethane	9100461			mg/kg wet	N/A	0 210	<0 210							
1,2-Dichloroethane	9100461			mg/kg wet	N/A	0 210	<0 210							
trans-1,2-Dichloroethene	9100461			mg/kg wet	N/A	0 210	<0 210							
1,1-Dichloroethene	9100461			mg/kg wet	N/A	0 210	<0 210							
1,2-Dichloropropane	9100461			mg/kg wet	N/A	0 210	<0 210							
cis-1,3-Dichloropropene	9100461			mg/kg wet	N/A	0 210	<0 210							
trans-1,3-Dichloropropene	9100461			mg/kg wet	N/A	0 210	<0 210							
Ethylbenzene	9100461			mg/kg wet	N/A	0 210	<0 210							
Methylene chloride	9100461			mg/kg wet	N/A	0 420	<0 420							
1,1,2,2-Tetrachloroethane	9100461			mg/kg wet	N/A	0 210	<0 210							
Tetrachloroethene	9100461			mg/kg wet	N/A	0 210	<0 210							
Toluene	9100461			mg/kg wet	N/A	0 210	<0 210							
1,1,1-Trichloroethane	9100461			mg/kg wet	N/A	0 210	<0 210							
1,1,2-Trichloroethane	9100461			mg/kg wet	N/A	0 210	<0 210							

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LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
Volatile Organic Compounds by GC/MS														
Trichloroethene	9100461			mg/kg wet	N/A	0 210	<0 210							
Trichlorofluoromethane	9100461			mg/kg wet	N/A	0 210	<0 210							
Vinyl chloride	9100461			mg/kg wet	N/A	0 0840	<0 0840							
Surrogate 1,2-Dichloroethane-d4	*9100461*			mg/kg wet					*105*		*80-120*			
Surrogate Dibromofluoromethane	*9100461*			mg/kg wet					*93*		*80-120*			
Surrogate Toluene-d8	*9100461*			mg/kg wet					*96*		*80-120*			
Surrogate 4-Bromofluorobenzene	*9100461*			mg/kg wet					*108*		*80-120*			
TCLP Metals by 1311/6000/7000														
Arsenic	9100192			mg/L	N/A	0 500	<0 500							
Barium	9100192			mg/L	N/A	0 100	<0 100							
Cadmium	9100192			mg/L	N/A	0 150	<0 150							
Chromium	9100192			mg/L	N/A	0 200	<0 200							
Lead	9100192			mg/L	N/A	0 400	<0 400							
Selenium	9100192			mg/L	N/A	0 500	<0 500							
Silver	9100192			mg/L	N/A	0 200	<0 200							
Mercury	9100201			mg/L	N/A	0 000200	<0 000200							
Mercury	9100201			mg/L	N/A	0 000200	<0 000200							
Total Petroleum Hydrocarbons														
DRO (C10-C20)	9100090			mg/kg wet	N/A	1500	<1500							
DRO (C20-C34)	9100090			mg/kg wet	N/A	3000	<3000							
Surrogate o-Terphenyl	*9100090*			mg/kg wet					*112*		*44-143*			
GRO (C6-C12)	9100126			mg/kg wet	N/A	20 0	<20 0							
Surrogate a,a,a-Trifluorotoluene	*9100126*			mg/kg wet					*116*		*76-137*			
Surrogate 4-Bromofluorobenzene	*9100126*			mg/kg wet					*79*		*59-151*			
Diesel Range Organics (DRO)														
Diesel Range Organics (DRO)	9100612			mg/kg wet	N/A	1500	<1500							
Surrogate o-Terphenyl	*9100612*			mg/kg wet					*101*		*59-118*			
Surrogate Chlorobenzene	*9100612*			mg/kg wet					*97*		*30-113*			

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LABORATORY DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
General Chemistry Parameters													
QC Source Sample: DSI1256-01													
Ignitability by Flashpoint	9100022	49 9		°C	N/A	25 0	50 9				2	200	
QC Source Sample: DSJ0037-03													
Ignitability by Flashpoint	9100022	50 9		°C	N/A	25 0	50 9				0	200	
QC Source Sample: DSJ0037-02													
Ignitability by Flashpoint	9100046	43 9		°C	N/A	25 0	44 9				2	200	
QC Source Sample: DSJ0037-09													
Ignitability by Flashpoint	9100046	60 9		°C	N/A	25 0	61 9				2	200	
QC Source Sample: DSJ0037-14													
Ignitability by Flashpoint	9100046	33 9		°C	N/A	25 0	32 9				3	200	
QC Source Sample: DSJ0042-01													
% Solids	9100092	81 5		%	N/A	0 100	79 6				2	20	
QC Source Sample: DSJ0042-12													
% Solids	9100092	79 5		%	N/A	0 100	79 5				0	20	
QC Source Sample: DSJ0820-05													
% Solids	9100749	78 0		%	N/A	0 100	77 5				1	20	
TCLP Metals by 1311/6000/7000													
QC Source Sample: DSJ0037-11													
Arsenic	9100192	<0 10		mg/L	N/A	2 50	<2 50					10	
Barium	9100192	1 57		mg/L	N/A	0 500	1 53				3	10	
Cadmium	9100192	0 0184		mg/L	N/A	0 750	<0 750					10	
Chromium	9100192	<0 040		mg/L	N/A	1 00	<1 00					10	
Lead	9100192	0 0610		mg/L	N/A	2 00	0 128					10	
Selenium	9100192	<0 10		mg/L	N/A	2 50	<2 50					10	
Silver	9100192	<0 040		mg/L	N/A	1 00	<1 00					10	

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LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
General Chemistry Parameters														
Ignitability by Flashpoint	9100022		81 0	°C	N/A	N/A	28 4		35		31-37			
Ignitability by Flashpoint	9100046		81 0	°C	N/A	N/A	28 4		35		31-37			
Total Metals														
Mercury	9100168		0 0833	mg/kg wet	N/A	0 00833	0 0946		113		80-120			
Arsenic	9100193		33 3	mg/kg wet	N/A	3 33	32 0		96		80-120			
Barium	9100193		33 3	mg/kg wet	N/A	0 666	34 4		103		80-120			
Cadmium	9100193		33 3	mg/kg wet	N/A	1 00	32 8		99		80-120			
Chromium	9100193		33 3	mg/kg wet	N/A	1 33	32 9		99		80-120			
Lead	9100193		33 3	mg/kg wet	N/A	2 66	32 3		97.		80-120			
Selenium	9100193		33 3	mg/kg wet	N/A	3 33	31 0		93		80-120			
Silver	9100193		33 3	mg/kg wet	N/A	1 33	32 0		96		80-120			
Organochlorine Pesticides/PCBs														
PCB-1016	9100043		0 499	mg/kg wet	N/A	0 0998	0 614		123		35-154			
PCB-1260	9100043		0 499	mg/kg wet	N/A	0 0998	0 637		128		22-171			
Surrogate Tetrachloro-meta-xylene	*9100043*			mg/kg wet					*112*		*10-127*			
Surrogate Decachlorobiphenyl	*9100043*			mg/kg wet					*77*		*10-149*			
PCB-1016	9100100		5 00	mg/kg wet	N/A	1 00	6 32		126		35-154			
PCB-1260	9100100		5 00	mg/kg wet	N/A	1 00	5 07		101		22-171			
Surrogate Tetrachloro-meta-xylene	*9100100*			mg/kg wet					*119*		*10-127*			
Surrogate Decachlorobiphenyl	*9100100*			mg/kg wet					*114*		*10-149*			
Volatile Organic Compounds by GC/MS														
Benzene	9100461		5 00	mg/kg wet	N/A	1 25	5 16		103		73-120			
Bromodichloromethane (Dichlorobromomethane)	9100461		5 00	mg/kg wet	N/A	1 25	5 56		111		72-120			
Bromoform	9100461		5 00	mg/kg wet	N/A	1 25	4 39		88		61-120			
Bromomethane (Methyl bromide)	9100461			mg/kg wet	N/A	2 50	<2 50				52-123			
Carbon tetrachloride	9100461		5 00	mg/kg wet	N/A	1 25	4 78		96		64-122			
Chlorobenzene	9100461		5 00	mg/kg wet	N/A	1 25	5 07		101		67-121			
Chloroethane	9100461			mg/kg wet	N/A	2 50	<2 50				53-129			
Chloroform	9100461		5 00	mg/kg wet	N/A	1 25	4 94		99		68-122			
Chloromethane (Methyl chloride)	9100461			mg/kg wet	N/A	2 50	<2 50				40-139			
Dibromochloromethane (Chlorodibromomethane)	9100461		5 00	mg/kg wet	N/A	1 25	4 68		94		70-130			
1,2-Dichlorobenzene	9100461		5 00	mg/kg wet	N/A	1 25	4 69		94		74-120			
1,4-Dichlorobenzene	9100461		5 00	mg/kg wet	N/A	1 25	4 83		97		71-120			
1,3-Dichlorobenzene	9100461		5 00	mg/kg wet	N/A	1 25	4 89		98		72-120			
1,1-Dichloroethane	9100461		5 00	mg/kg wet	N/A	1 25	4 92		98		63-125			
1,2-Dichloroethane	9100461		5 00	mg/kg wet	N/A	1 25	5 19		104		70-120			
trans-1,2-Dichloroethene	9100461		5 00	mg/kg wet	N/A	1 25	4 85		97		70-120			
1,1-Dichloroethene	9100461		5 00	mg/kg wet	N/A	1 25	4 59		92		57-130			
1,2-Dichloropropane	9100461		5 00	mg/kg wet	N/A	1 25	5 46		109		68-120			
cis-1,3-Dichloropropene	9100461		5 00	mg/kg wet	N/A	1 25	5 61		112		70-121			
trans-1,3-Dichloropropene	9100461		5 00	mg/kg wet	N/A	1 25	5 18		104		64-120			
Ethylbenzene	9100461		5 00	mg/kg wet	N/A	1 25	5 24		105		69-123			
Methylene chloride	9100461		5 00	mg/kg wet	N/A	2 50	5 19		104		46-124			

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LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
Volatile Organic Compounds by GC/MS														
1,1,2,2-Tetrachloroethane	9100461		5 00	mg/kg wet	N/A	1 25	5 22		104		69-120			
Tetrachloroethene	9100461		5 00	mg/kg wet	N/A	1 25	4 14		83		58-133			
Toluene	9100461		5 00	mg/kg wet	N/A	1 25	4 92		98		63-126			
1,1,1-Trichloroethane	9100461		5 00	mg/kg wet	N/A	1 25	5 58		112		63-125			
1,1,2-Trichloroethane	9100461		5 00	mg/kg wet	N/A	1 25	4 96		99		71-120			
Trichloroethene	9100461		5 00	mg/kg wet	N/A	1 25	5 38		108		71-120			
Trichlorofluoromethane	9100461			mg/kg wet	N/A	1 25	<1 25				60-128			
Vinyl chloride	9100461			mg/kg wet	N/A	0 500	<0 500				40-140			
Surrogate 1,2-Dichloroethane-d4	*9100461*			mg/kg wet					*107*		*80-120*			
Surrogate Dibromofluoromethane	*9100461*			mg/kg wet					*91*		*80-120*			
Surrogate Toluene-d8	*9100461*			mg/kg wet					*96*		*80-120*			
Surrogate 4-Bromofluorobenzene	*9100461*			mg/kg wet					*106*		*80-120*			
TCLP Metals by 1311/6000/7000														
Arsenic	9100192		5 00	mg/L	N/A	0 500	5 04		101		80-120			
Barium	9100192		5 00	mg/L	N/A	0 100	5 06		101		80-120			
Cadmium	9100192		5 00	mg/L	N/A	0 150	4 99		100		80-120			
Chromium	9100192		5 00	mg/L	N/A	0 200	5 14		103		80-120			
Lead	9100192		5 00	mg/L	N/A	0 400	5 13		103		80-120			
Selenium	9100192		5 00	mg/L	N/A	0 500	5 14		103		80-120			
Silver	9100192		5 00	mg/L	N/A	0 200	5 10		102		80-120			
Mercury	9100201		0 00100	mg/L	N/A	0 000200	0 00106		106		80-120			
Total Petroleum Hydrocarbons														
DRO (C10-C20)	9100090		2000	mg/kg wet	N/A	1500	1840		92		17-130			
DRO (C20-C34)	9100090		2000	mg/kg wet	N/A	3000	1800		90		13-140			
Surrogate o-Terphenyl	*9100090*			mg/kg wet					*100*		*44-143*			
GRO (C6-C12)	9100126		168	mg/kg wet	N/A	40 0	161		96		54-139			
Surrogate a,a,a-Trifluorotoluene	*9100126*			mg/kg wet					*109*		*76-137*			
Surrogate 4-Bromofluorobenzene	*9100126*			mg/kg wet					*93*		*59-151*			
Diesel Range Organics (DRO)														
Diesel Range Organics (DRO)	9100612		2000	mg/kg wet	N/A	1500	4120	4300	206	215	70-120	4	20	L1
Surrogate o-Terphenyl	*9100612*			mg/kg wet					*104*	*113*	*59-118*			
Surrogate Chlorobenzene	*9100612*			mg/kg wet					*98*	*85*	*30-113*			

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MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
Total Metals														
QC Source Sample: DSJ0108-07														
Mercury	9100168	0 0463	0 0894	mg/kg dry	N/A	0 00894	0 149	0 151	115	110	75-125	1	20	
QC Source Sample: DSJ0102-01														
Arsenic	9100193	3 99	32 7	mg/kg dry	N/A	65 4	35 1	35 6	95	96	75-125	2	20	
Barium	9100193	29 8	32 7	mg/kg dry	N/A	13 1	64 0	66 9	105	113	75-125	4	20	
Cadmium	9100193	2 81	32 7	mg/kg dry	N/A	19 6	34 4	34 4	97	96	75-125	0	20	
Chromium	9100193	9 18	32 7	mg/kg dry	N/A	26 1	40 5	41 9	96	99	75-125	3	20	
Lead	9100193	27 8	32 7	mg/kg dry	N/A	52 2	57 4	58 0	90	92	75-125	1	20	
Selenium	9100193	9 88	32 7	mg/kg dry	N/A	65 4	41 0	41 6	95	96	75-125	1	20	
Silver	9100193	<1 33	32 7	mg/kg dry	N/A	26 1	31 5	32 3	96	98	75-125	3	20	
Organochlorine Pesticides/PCBs														
QC Source Sample: DSI1055-01RE1														
PCB-1016	9100043	<0 10	0 496	mg/kg wet	N/A	0 0991	0 534	0 606	108	123	35-154	12	25	
PCB-1260	9100043	<0 10	0 496	mg/kg wet	N/A	0 0991	0 511	0 614	103	125	22-171	18	25	
Surrogate Tetrachloro-meta-xylene	*9100043*			mg/kg wet					*100*	*116*	*10-127*			
Surrogate Decachlorobiphenyl	*9100043*			mg/kg wet					*70*	*85*	*10-149*			
QC Source Sample: DSJ0037-01														
PCB-1016	9100100	<0 10	9 29	mg/kg dry	N/A	1 86	9 51	9 75	102	105	35-154	2	25	
PCB-1260	9100100	<0 10	9 29	mg/kg dry	N/A	1 86	9 52	10 1	103	109	22-171	6	25	
Surrogate Tetrachloro-meta-xylene	*9100100*			mg/kg dry					*103*	*109*	*10-127*			
Surrogate Decachlorobiphenyl	*9100100*			mg/kg dry					*73*	*76*	*10-149*			
Volatile Organic Compounds by GC/MS														
QC Source Sample: DSJ0107-11														
Benzene	9100461	<5 00	5 00	mg/kg wet	N/A	1 25	4 82	4 57	96	94	73-120	5	30	
Bromodichloromethane (Dichlorobromomethane)	9100461	<5 00	5 00	mg/kg wet	N/A	1 25	5 30	4 98	106	103	72-120	6	30	
Bromoform	9100461	<5 00	5 00	mg/kg wet	N/A	1 25	3 60	3 37	72	69	61-120	7	30	
Bromomethane (Methyl bromide)	9100461	<10 0		mg/kg wet	N/A	2 50	<2 50	<2 50			52-123		30	
Carbon tetrachloride	9100461	<5 00	5 00	mg/kg wet	N/A	1 25	4 97	4 64	99	96	64-122	7	30	
Chlorobenzene	9100461	<5 00	5 00	mg/kg wet	N/A	1 25	5 12	4 75	102	98	67-121	7	30	
Chloroethane	9100461	<10 0		mg/kg wet	N/A	2 50	<2 50	<2 50			53-129		30	
Chloroform	9100461	<5 00	5 00	mg/kg wet	N/A	1 25	4 65	4 47	93	92	68-122	4	30	
Chloromethane (Methyl chloride)	9100461	<10 0		mg/kg wet	N/A	2 50	<2 50	<2 50			40-139		30	
Dibromochloromethane (Chlorodibromomethane)	9100461	<5 00	5 00	mg/kg wet	N/A	1 25	4 57	4 26	91	88	70-130	7	30	
1,2-Dichlorobenzene	9100461	0 217	5 00	mg/kg wet	N/A	1 25	4 40	4 13	84	81	74-120	6	30	
1,4-Dichlorobenzene	9100461	<5 00	5 00	mg/kg wet	N/A	1 25	4 18	3 91	84	81	71-120	7	30	
1,3-Dichlorobenzene	9100461	<5 00	5 00	mg/kg wet	N/A	1 25	4 20	3 94	84	81	72-120	7	30	
1,1-Dichloroethane	9100461	<5 00	5 00	mg/kg wet	N/A	1 25	4 63	4 50	93	93	63-125	3	30	
1,2-Dichloroethane	9100461	<5 00	5 00	mg/kg wet	N/A	1 25	4 86	4 53	97	93	70-120	7	30	
trans-1,2-Dichloroethene	9100461	<5 00	5 00	mg/kg wet	N/A	1 25	4 58	4 31	92	89	70-120	6	30	
1,1-Dichloroethene	9100461	<5 00	5 00	mg/kg wet	N/A	1 25	4 19	3 96	84	82	57-130	5	30	
1,2-Dichloropropane	9100461	<5 00	5 00	mg/kg wet	N/A	1 25	5 17	4 90	103	101	68-120	5	30	
cis-1,3-Dichloropropene	9100461	<5 00	5 00	mg/kg wet	N/A	1 25	5 02	4 73	100	97	70-121	6	30	
trans-1,3-Dichloropropene	9100461	<5 00	5 00	mg/kg wet	N/A	1 25	4 78	4 38	96	90	64-120	9	30	
Ethylbenzene	9100461	<5 00	5 00	mg/kg wet	N/A	1 25	4 99	4 64	100	96	69-123	7	30	
Methylene chloride	9100461	0 514	5 00	mg/kg wet	N/A	2 50	5 18	4 98	93	92	46-124	4	30	
1,1,2,2-Tetrachloroethane	9100461	<5 00	5 00	mg/kg wet	N/A	1 25	20 5	19 0	410	391	69-120	8	30	M

Weston Solutions Inc (Chicago, IL)	Work Order	DSJ0037		Received	09/30/09
20 North Wacker Drive, Suite 1210	Project	Cincinnati Die Cast		Reported	10/20/09 15 59
Chicago, IL 60606-2901	Project Number	20405 016 001 0780 00			
Lisa Graczyk					

MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
Volatile Organic Compounds by GC/MS														
QC Source Sample: DSJ0107-11														
Tetrachloroethene	9100461	<5 00	5 00	mg/kg wet	N/A	1 25	4 07	3 72	81	77	58-133	9	30	
Toluene	9100461	<5 00	5 00	mg/kg wet	N/A	1 25	4 67	4 36	93	90	63-126	7	30	
1,1,1-Trichloroethane	9100461	<5 00	5 00	mg/kg wet	N/A	1 25	5 20	5 03	104	104	63-125	3	30	
1,1,2-Trichloroethane	9100461	<5 00	5 00	mg/kg wet	N/A	1 25	4 78	4 46	96	92	71-120	7	30	
Trichloroethene	9100461	<5 00	5 00	mg/kg wet	N/A	1 25	4 97	4 81	99	99	71-120	3	30	
Trichlorofluoromethane	9100461	<5 00		mg/kg wet	N/A	1 25	<1 25	<1 25			60-128		30	
Vinyl chloride	9100461	<2 00		mg/kg wet	N/A	0 500	<0 500	<0 500			40-140		30	
Surrogate 1,2-Dichloroethane-d4	*9100461*			mg/kg wet					*106*	*106*	*80-120*			
Surrogate Dibromofluoromethane	*9100461*			mg/kg wet					*91*	*94*	*80-120*			
Surrogate Toluene-d8	*9100461*			mg/kg wet					*96*	*95*	*80-120*			
Surrogate 4-Bromofluorobenzene	*9100461*			mg/kg wet					*92*	*93*	*80-120*			
TCLP Metals by 1311/6000/7000														
QC Source Sample: DSJ0033-01														
Arsenic	9100192	<0 10	5 00	mg/L	N/A	2 00	4 80	4 81	96	96	75-125	0	20	
Barium	9100192	0 0996	5 00	mg/L	N/A	0 400	5 01	4 97	98	97	75-125	1	20	
Cadmium	9100192	0 0276	5 00	mg/L	N/A	0 600	4 83	4 85	96	97	75-125	0	20	
Chromium	9100192	<0 040	5 00	mg/L	N/A	0 800	4 77	4 82	95	96	75-125	1	20	
Lead	9100192	<0 080	5 00	mg/L	N/A	1 60	4 79	4 90	96	98	75-125	2	20	
Selenium	9100192	<0 10	5 00	mg/L	N/A	1 00	4 80	4 87	96	97	75-125	1	20	
Silver	9100192	0 0330	5 00	mg/L	N/A	0 800	4 83	4 84	96	96	75-125	0	20	
QC Source Sample: DSJ0077-04														
Mercury	9100201	<0 00020	0 00100	mg/L	N/A	0 000200	0 00109	0 00110	109	110	75-125	1	20	
Total Petroleum Hydrocarbons														
QC Source Sample: DSJ0037-01														
DRO (C10-C20)	9100090	69300	3560	mg/kg dry	N/A	26700	74200	145000	137	1890	17-130	65	25	M
DRO (C20-C34)	9100090	787000	3560	mg/kg dry	N/A	53300	772000	1430000	-418	16100	13-140	60	25	M
Surrogate o-Terphenyl	*9100090*			mg/kg dry							*44-143*			M
QC Source Sample: DSJ0107-01														
GRO (C6-C12)	9100126	7 53	82 8	mg/kg wet	N/A	19 7	98 9	95 9	110	109	54-139	3	25	
Surrogate a,a,a-Trifluorotoluene	*9100126*			mg/kg wet					*112*	*111*	*76-137*			
Surrogate 4-Bromofluorobenzene	*9100126*			mg/kg wet					*98*	*97*	*59-151*			

Weston Solutions Inc (Chicago, IL)	Work Order	DSJ0037		Received	09/30/09
20 North Wacker Drive, Suite 1210	Project	Cincinnati Die Cast		Reported	10/20/09 15 59
Chicago, IL 60606-2901	Project Number	20405 016 001 0780 00			
Lisa Graczyk					

OTHER

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
Total Metals														
QC Source Sample: DSJ0102-01														
Mercury	9100168	2 57	2 00	mg/kg dry	N/A	N/A	5 06		125		75-125			
QC Source Sample: DSJ0108-07														
Arsenic	9100193	0 0476	0 500	mg/kg dry	N/A	N/A	0 587		108		75-125			
Barium	9100193	0 404	0 500	mg/kg dry	N/A	N/A	0 891		97		75-125			
Cadmium	9100193	0 00511	0 500	mg/kg dry	N/A	N/A	0 536		106		75-125			
Chromium	9100193	0 0587	0 500	mg/kg dry	N/A	N/A	0 577		104		75-125			
Lead	9100193	0 106	0 500	mg/kg dry	N/A	N/A	0 614		102		75-125			
Selenium	9100193	0 00480	0 500	mg/kg dry	N/A	N/A	0 543		108		75-125			
Silver	9100193	0 000300	0 500	mg/kg dry	N/A	N/A	0 564		113		75-125			
TCLP Metals by 1311/6000/7000														
QC Source Sample: DSJ0037-12														
Arsenic	9100192	0 00540	1 00	mg/L	N/A	N/A	1 05		105		75-125			
Barium	9100192	0 0381	1 00	mg/L	N/A	N/A	1 07		104		75-125			
Cadmium	9100192	0 250	1 00	mg/L	N/A	N/A	1 29		104		75-125			
Chromium	9100192	0 0467	1 00	mg/L	N/A	N/A	1 12		107		75-125			
Lead	9100192	0 0581	1 00	mg/L	N/A	N/A	1 13		107		75-125			
Selenium	9100192	0 00820	1 00	mg/L	N/A	N/A	1 08		107		75-125			
Silver	9100192	0 00300	1 00	mg/L	N/A	N/A	0 979		98		75-125			
QC Source Sample: DSJ0048-02														
Mercury	9100201	0 00207	1 00	mg/L	N/A	N/A	1 27		127		75-125			S3

Weston Solutions Inc (Chicago, IL)	Work Order	DSJ0037		Received	09/30/09
20 North Wacker Drive, Suite 1210	Project	Cincinnati Die Cast		Reported	10/20/09 15 59
Chicago, IL 60606-2901	Project Number	20405 016 001 0780 00			
Lisa Graczyk					

CERTIFICATION SUMMARY

Subcontracted Laboratories

TestAmerica - King of Prussia Pennsylvania Cert #002

1008 West Ninth Avenue - King of Prussia, PA 19406

Method Performed EPA 160 3
Samples DSJ0037-01, DSJ0037-07, DSJ0037-08
Method Performed NJ OQA-QAM-025 TPH
Samples DSJ0037-01, DSJ0037-07, DSJ0037-08

Any abnormalities or departures from sample acceptance policy shall be documented on the Chain of Custody and/or Case Narrative included with this report

For information concerning certifications of this facility or another TestAmerica facility, please visit our website at www TestAmericaInc com

Samples collected by TestAmerica Field Services personnel are noted on the Chain of Custody (COC)

DATA QUALIFIERS AND DEFINITIONS

A-01	Surrogate is out of limits due to sample matrix.
A-01a	The Carbon range for QAM-DRO is C10 thru C44.
H	Sample analysis performed past method-specified holding time
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
M	The MS, MSD, and/or RPD are outside of acceptance limits due to matrix interference. Please see Blank Spike (LCS).
RL1	Reporting limit raised due to sample matrix effects.
RL3	Reporting limit raised due to high concentrations of non-target analytes.
RL7	Sample required dilution due to high concentrations of target analyte.
S3	Post digestion spike is out of acceptance limits for this analyte
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

ADDITIONAL COMMENTS

Results are reported on a wet weight basis unless otherwise noted

DSJ0037

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Chain of Custody Record

TestAmerica Laboratory location: _____

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: Weston Solutions	Client Project Manager: Lisa Gracyk	Site Contact: Randy Kirkland	Lab Contact:
Address:	Telephone:	Telephone:	Telephone:
City/State/Zip:	Email:	Analysis Turnaround Time (as BUS days)	
Phone:		TAT if different from below _____	
Project Name: Cincinnati Die Cast	Method of Shipment/Carrier: Drop-off	☐ 3 weeks	
Project Number: 20405.016.001.0780.00	Shipping/Tracking No: —	☒ 2 weeks	
PO #		☐ 1 week	
		☐ 2 days	
		☐ 1 day	

COC No: 1 of 2 COCs

For lab use only
Walk-in client ☐
Lab pickup ☐
Lab sampling ☐
Job/SDG No.:

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite - C / Grab - G	Analyses: TPH	PCBs	Total RCRA Metals	Flash Point	TCLP Lead	Total VOCs	TCLP RCRA Metals				Sample Specific Notes / Special Instructions:
CDC-WL1-093009	9/30/09	1030					2						X				X	X	X								
CDC-WL3-093009	↓	1045		1									X							X		X					
CDC-WL4-093009		1050					1						X							X							
CDC-WS1-093009		1058				1							X								X						
CDC-WS2-093009		1104				1							X								X						
CDC-WS3-093009		1106				1							X								X						
CDC-WL6-093009		1120					1						X				X	X									
CDC-WL7-093009		1122					1						X				X	X									
CDC-WL8-093009		1131		1									X							X		X					
CDC-WS4-093009	↓	1145				1							X					X									

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
2-week turnaround time

Relinquished by:	Company	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Weston	9-30-09 / 1730			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: [signature]	Company: TestAmerica	Date/Time: 9-30-09 1734

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TAL-0018 (1008)

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: Weston Solutions	Client Project Manager: Lisa Graczyk	Site Contact: Randy Kirkland	Lab Contact:	COC No:
Address:	Telephone:	Telephone:	Telephone:	2 of 2 COCs
City/State/Zip:	Email:	Analysis Turnaround Time (in BUS days)		For lab use only
Phone:		TAT if different from below _____		Walk-in client ☐
Project Name: Cincinnati Die Cast	Method of Shipment/Carrier: Drop-off	☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Lab pickup ☐ Lab sampling ☐
Project Number: 20405.016.001.0780.00	Shipping/Tracking No: —			Job/SDG No:
PO #				

Analyses

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite C / Grab G	TCLP RCRA Metals	Flash Point	Total RCRA Metals	Sample Specific Notes / Special Instructions:
CDC-WS5-093009	9/30/09	1203				X							1				X			
CDC-WS6-093009	↓	1205				X							1				X			
CDC-WL9-093009	↓	1222					X						1						X	
CDC-WL10-093009	↓	1230		X									1					X		

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments: 2-week turnaround time

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Weston	9-30-09 / 1634 (LK)			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: [signature]	Company: TestAmerica	Date/Time: 9-30-09 1734

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TAL-0018 (1008)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Cooler/Sample Receipt

Client ID Weston Solutions Work Order # _____

Discrepencies ☐
Rush or Short Hold ☐
if rush 24hr 2day 3day 5day other _____

Method of Shipment:

Are samples soils requiring USDA quarantine? Yes No (circle one)
If yes notify PM immediately

Walk-In Fed Ex UPS DHL TAL Courier Field Other _____
Shipping Container Type: Cooler Box Other _____

Opened Date/Time 9-30-09 1735 Initials BFD

Receipt Questions**	Y	N	n/a	"NO" answers require a comment
COC present	✓			
Containers in good condition (unbroken and not leaking), and appropriately filled	✓			
Appropriate containers used & Adequate volume provided	✓			
Correct preservation on the COC	✓			
Numbers of samples match COC	✓			
If used, custody seals were intact			✓	
Was CoC free of discrepencies?	✓			
Samples received within hold time	✓			
VOA samples received without headspace in excess of 6 mm			✓	CDC-WL8-093009d headspace on CDC-WL3-093009
Trip Blanks received for each cooler with VOAs			✓	VOCs collected in 8oz jar not VOA kits

	HNO3	HCL	NaOH	H2SO4	Methanol	None	Other (Specify)
#/size 02ch						8oz	
WS4 = 4oz							

Tracking # _____

Temp Acceptable? YES ☒ NO ☐
Thermometer ID M
Cooler ID _____
Uncorrected 8.7 Corrected 8.7 °C Ice
Packing Material ice, bubble
Melted Ice Blue Ice None Other _____ (Circle one)
If out of temperature, note affected samples
Direct from Field? Yes No (Circle one)
From the field. Iced.

CHECK IF ADDITIONAL SHEETS REQUIRED ☐

** May not be applicable if samples are not for compliance testing

Client Contact Record (required for discrepancies, unless agreement is on file with project) Date & Time _____
Contact via: ☐phone ☐email ☐ other _____ Person contacted _____

Discussion/Resolution

revised chain being issued? Yes No - if Yes, it must be scanned. (Circle one)

Reviewed by PM Signature 10/1/9 Date/Time

Page 1 of 1

No. DT SCA-WI-001.3 effective 8/4/08

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: Weston Solutions	Client Project Manager: Lisa Glaczyk	Site Contact: Randy Kirkland	Lab Contact:	COC No:
Address:	Telephone:	Telephone:	Telephone	1 of 2 COCs
City/State/Zip	Email:	Analysis Turnaround Time (in BUS days)		For lab use only: Walk-in client: ☐ Lab use only: ☐ Lab sampling: ☐ Job/SDG No.:
Phone:		TAT if different from below _____ ☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		
Project Name: Cincinnati Die Cast	Method of Shipment/Carrier: Drop-off			
Project Number: 20405.016.001.0780.00	Shipping/Tracking No: —			
PO #				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other	Filtered Sample (Y/N)	Composite - C/Grab - G	Analyses: TPH	PCBs	Total RCRA Metals	Flash Point	TCLP Lead	Total VOCs	TCLP RCRA Metals				Sample Specific Notes / Special Instructions
CDC-WL1-093009	9/30/09	1030					2						X				X	X	X								
CDC-WL3-093009		1045		1									X							X		X					
CDC-WL4-093009		1050					1						X							X							
CDC-WS1-093009		1058				1							X								X						
CDC-WS2-093009		1104				1							X								X						
CDC-WS3-093009		1106				1							X								X						
CDC-WL6-093009		1120					1						X				X	X									
CDC-WL7-093009		1122					1						X				X	X									
CDC-WL8-093009		1131		1									X							X		X					
CDC-WS4-093009		1145				1							X					X									

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
2-week turnaround time

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
[signature]	Weston	9-30-09 / 1630			
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received in Laboratory by:	Company	Date/Time

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TAL-0018 (1008)

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: Weston Solutions	Client Project Manager: Lisa Graczyk	Site Contact: Randy Kirkland	Lab Contact:
Address:	Telephone:	Telephone:	Telephone:
City/State/Zip:	Email:		
Phone:			
Project Name: Cincinnati Die Cast	Method of Shipment/Carrier: Drop-off		
Project Number: 20405.016.001.0780.00	Shipping/Tracking No: —		
PO#			

COC No: 2 of 2 COCs

Analysis Turnaround Time (in BUS days)
TAT if different from below _____
☐ 3 weeks
☒ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

For lab use only
Walk-in client: ☐
Lab use only: ☐
Lab sampling: ☐
Job/SDG No.:

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite C/G Grab G	Analyses: TCLP RCRA Metals	Flash Point	Total RCRA Metals							Sample Specific Notes / Special Instructions:
CDC-WS5-093009	9/30/09	1203				X							1				X									
CDC-WS6-093009	↓	1205				X							1				X									
CDC-WL9-093009		1222					X						1						X							
CDC-WL10-093009		1230		X									1					X								

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
2-week turnaround time

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
[signature]	Weston	9-30-09/1634			
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received in Laboratory by:	Company	Date/Time

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TAL-0018 (1008)

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0408)

Client	Project Manager	Date	Chain of Custody Number
Weston Solutions	Lisa Graceyk / Randy Kirkland	10-27-09	011620
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 **of** 1
	(312)424-3339 / (937)662-3089		

City	State	Zip Code	Site Contact	Lab Contact

Project Name and Location (State)	Carrier/Waybill Number
Cincinnati Die Cast (Ohio)	20405.016.001.0786.00

Contract/Purchase Order/Quote No

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil		Containers & Preservatives: Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH		Analysis (Attach list if more space is needed): TCLP RCRA Metals											Special Instructions/ Conditions of Receipt
CDC-WS7-102709	10-27-09	1100				X		X							X											
* Last Item																										*

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

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☒ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By [signature]	10-27-09	1647	1. Received By		
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By [signature]	10-27-09	1649

Comments

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

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: Weston Solutions	Client Project Manager: Lisa Gracyk	Site Contact: Randy Kirkland	Lab Contact:	COC No:
Address:	Telephone:	Telephone:	Telephone:	1 of 2 COCs
City/State/Zip:	Email:	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone:		TAT if different from below _____		Walk-in client ☐
Project Name: Cincinnati Die Cast	Method of Shipment/Carrier: Drop-off	☐ 3 weeks ☒ 2 weeks ☐ 1 week		Lab pickup ☐
Project Number: 20405.016.001.0780.00	Shipping/Tracking No: —	☐ 2 days ☐ 1 day		Lab sampling ☐
PO #				Job/SDG No:

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	TPH	PCBs	Total RCRA Metals	Flash Point	TCLP Lead	Total VOCs	TCLP RCRA Metals				Sample Specific Notes / Special Instructions:
CDC-WL1-093009	9/30/09	1030					2						X				X	X	X								
CDC-WL3-093009	↓	1045		1									X							X		X					
CDC-WL4-093009		1050					1						X							X							
CDC-WS1-093009		1058				1							X								X						
CDC-WS2-093009		1104				1							X								X						
CDC-WS3-093009		1106				1							X								X						
CDC-WL6-093009		1120					1						X				X	X									
CDC-WL7-093009		1122					1						X				X	X									
CDC-WL8-093009		1131		1									X							X		X					
CDC-WS4-093009		1145				1							X					X									

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
2-week turnaround time

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Weston	9-30-09 / 1734			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: [signature]	Company: TestAmerica	Date/Time: 9-30-09 1734

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TAL-0018 (1008)

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact

Company Name:	Client Project Manager:	Site Contact:	Lab Contact:	COC No:
Weston Solutions	Lisa Graczyk	Randy Kirkland		
Address:	**Telephone:**	**Telephone:**	**Telephone:**	2 of 2 COCs
City/State/Zip:	**Email:**			
Phone:				
Project Name: Cincinnati Die Cast	**Method of Shipment/Carrier:** Drop-off			
Project Number: 20405.016.001.0780.00	**Shipping/Tracking No:** —			
PO #				

Analysis Turnaround Time (in BUS days)

TAT if different from below _____

- ☐ 3 weeks
- ☒ 2 weeks
- ☐ 1 week
- ☐ 2 days
- ☐ 1 day

For lab use only

- Walk-in client ☐
- Lab pickup ☐
- Lab sampling ☐

Job/SDG No:

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y / N)	Composite=C / Grab=G	Analyses: TCLP RCRA Metals	Flash Point	Total RCRA Metals								Sample Specific Notes / Special Instructions:
CDC-WS5-093009	9/30/09	1203				X							1				X										
CDC-WS6-093009	↓	1205				X							1				X										
CDC-WL9-093009	↓	1222					X						1						X								
CDC-WL10-093009	↓	1230		X									1					X									

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

2-week turnaround time

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Weston	9-30-09 / 1754			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	**Received in Laboratory by:** [signature]	Company: TestAmerica	Date/Time: 9-30-09 1736

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TAL-0018 (1008)

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0408)

Client	Project Manager	Date	Chain of Custody Number
Weston Solutions	Lisa Grzeczyk / Randy Kirkland	10-27-09	011620
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
	(312)421-3339 / (937)662-3089		

City	State	Zip Code	Site Contact	Lab Contact

Project Name and Location (State)	Carrier/Waybill Number
Cincinnati Die Cast (Ohio)	2045.016.081.0786 00

Contract/Purchase Order/Quote No.:

Analysis (Attach list if more space is needed): TCLP Lead/Metals

Special Instructions/ Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Other	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Other	TCLP Lead/Metals	Special Instructions/ Conditions of Receipt
CDC-WS7-102709	10-27-09	1100				X		X							X	
* Last Item																*

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

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☒ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By	10-27-09	1647	1. Received By		
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By	10-27-09	1647

Comments

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

Reading No	Time	Type	Duration	Units	Sequence	SAMPLE	LOCATION	INSPECTOR	Component	Substrate	Ag	Ag Error	Pb	Pb Error	Se	Se Error	Cr	Cr Error	Ba	Ba Error	Cd	Cd Error	As	As Error	Hg	Hg Error
39	9/30/2009 9:50	SOIL	34.89	ppm	Final	cdc-nw1	1 rk						181.74	20.45	< LOD	6.09	1223.58	111.76					< LOD	24.45	< LOD	17.54
40	9/30/2009 9:53	SOIL	30.82	ppm	Final	cdc-nw2	2 rk						161.71	20.71	< LOD	6.56	380.76	206.13					< LOD	24.64	< LOD	19.41
41	9/30/2009 9:54	SOIL	33.41	ppm	Final	cdc-nw3	3 rk						< LOD	12.51	< LOD	5.45	< LOD	75.08					< LOD	9.71	< LOD	11.82
42	9/30/2009 9:56	SOIL	61.09	ppm	Final	cdc-nw4	4 rk				< LOD	60.08	149.73	18.85	< LOD	5.56	< LOD	48.61	< LOD	458.01	< LOD	112.82	< LOD	22.23	< LOD	14.72
43	9/30/2009 9:59	SOIL	60.81	ppm	Final	cdc-nw5	5 rk				< LOD	139.15	233.12	30.18	< LOD	9.15	244.24	56.03	< LOD	1011.01	< LOD	306.2	< LOD	36.37	< LOD	27.53
44	9/30/2009 10:05	SOIL	60.42	ppm	Final	cdc-nw6	6 rk						145.2	24.79	< LOD	7.85	< LOD	99.03					< LOD	30.71	< LOD	18.26
45	9/30/2009 10:07	SOIL	60.46	ppm	Final	cdc-nw7	7 rk						82.23	15.95	< LOD	6.48	99.37	18.82					< LOD	18.92	< LOD	17.87
46	9/30/2009 10:10	SOIL	60.37	ppm	Final	cdc-nw8	8 rk						< LOD	14.17	< LOD	7.01	< LOD	40.27					< LOD	10.03	< LOD	12.05
47	9/30/2009 10:12	SOIL	63.15	ppm	Final	cdc-nw9	9 rk				< LOD	26.85	3453.88	96.64	< LOD	12.43	74.98	22.38	< LOD	230.36	< LOD	40	< LOD	112.95	< LOD	15.38
48	9/30/2009 10:18	SOIL	69.45	ppm	Final	cdc-nw10	10 rk				< LOD	16.44	97.97	15.8	< LOD	5.61	58.35	27.72	< LOD	123.53	< LOD	24.81	< LOD	19.01	< LOD	15.7
49	9/30/2009 10:22	SOIL	60.14	ppm	Final	cdc-nw11	11 rk						677.52	58.56	< LOD	11.27	< LOD	91.05					87.74	48.49	< LOD	33.17
50	9/30/2009 10:25	SOIL	65.45	ppm	Final	cdc-nw12	12 rk				< LOD	17.94	136.99	14.79	< LOD	4.18	103.45	44.82	< LOD	140.93	< LOD	28.55	< LOD	16.88	< LOD	10.51
51	9/30/2009 10:26	SOIL	60.42	ppm	Final	cdc-nw13	13 rk						1905.3	67.3	< LOD	8.7	215.88	61.26					165.11	54.58	< LOD	20.74
52	9/30/2009 11:09	SOIL	44.82	ppm	Final	cdc-nw14	14 rk						175.49	52.18	< LOD	26.85	< LOD	230.98					< LOD	64.62	< LOD	61.56
53	9/30/2009 11:11	SOIL	34.52	ppm	Final	cdc-nw15	15 rk						2819.5	100.92	< LOD	13.85	< LOD	233.92					649.17	87.28	< LOD	29.98
54	9/30/2009 11:13	SOIL	27.63	ppm	Final	cdc-nw16	16 rk						1842.93	73.96	< LOD	10.71							< LOD	87.55	< LOD	25.6
55	9/30/2009 11:16	SOIL	58.18	ppm	Final	cdc-nw17	17 rk						346.65	26.32	< LOD	6.51	123.89	25.43					< LOD	29.68	< LOD	20.25
56	9/30/2009 11:59	SOIL	60.43	ppm	Final	cdc-ne17	17 rk						83.73	14.61	< LOD	5.19	< LOD	27.17					< LOD	16.94	< LOD	14.31
57	9/30/2009 12:01	SOIL	60.32	ppm	Final	cdc-ne18	18 rk						1031.8	401.14	261.97	167.45	< LOD	70.74					1293.37	387.21	< LOD	476.34
58	9/30/2009 12:03	SOIL	60.42	ppm	Final	cdc-ne19	19 rk						161.46	24.86	< LOD	10.43	3072.13	79.57					< LOD	28.98	< LOD	42.15
59	9/30/2009 12:06	SOIL	60.4	ppm	Final	cdc-ne20	20 rk				< LOD	103.61	< LOD	9.43	< LOD	5.15	< LOD	45.58	< LOD	674.22	< LOD	130.72	< LOD	6.89	< LOD	8.87
60	9/30/2009 12:09	SOIL	64.09	ppm	Final	cdc-ne21	21 rk				< LOD	41.22	< LOD	14.28	< LOD	6.64	< LOD	44.07	472.61	226.09	< LOD	63.52	< LOD	11.02	< LOD	13.02
61	9/30/2009 12:14	SOIL	63.68	ppm	Final	cdc-ne22	22 rk				< LOD	19.12	427.71	29.83	< LOD	6.36	99.18	29.53	< LOD	143.19	< LOD	28.34	< LOD	33.67	< LOD	19.9
62	9/30/2009 12:15	SOIL	42.28	ppm	Final	cdc-ne23	23 rk						210.88	18.05	< LOD	4.89	102.09	40.05					< LOD	20.78	< LOD	11.31
63	9/30/2009 12:18	SOIL	60.51	ppm	Final	cdc-ne24	24 rk						< LOD	18.63	< LOD	6.71	111.79	17.9					< LOD	15.09	< LOD	14.14
64	9/30/2009 12:20	PAINT	0.44	mg / cm ^2	Final				cdc-25	25			0	0.01												
65	9/30/2009 12:20	PAINT	0.77	mg / cm ^2	Final				cdc-25	25			0.01	0.04												
66	10/27/2009 10:56	SHUTTER_CAL	68.1	cps	Final																					
67	10/27/2009 11:07	SOIL	94.02	ppm	Final	cdc-1-102709	north center	start			< LOD	9.84	7309.62	110.65	< LOD	12.38	662.03	103.9	281.68	52.12	< LOD	14.82	474.9	88.82	< LOD	15.55
68	10/27/2009 11:15	SOIL	92.98	ppm	Final	cdc-2-102709	north center	start			< LOD	12.12	12916.81	183.78	< LOD	20.14	239.24	75.88	382.25	63.95	< LOD	17.19	1017.77	148.53	< LOD	25.03
69	10/27/2009 11:25	SOIL	103.77	ppm	Final	cdc-3-102709	north	start			< LOD	11.59	5075.46	81.79	< LOD	9.82	142.97	36.95	159.52	62.72	< LOD	17.86	480.69	66.58	< LOD	13.19
70	10/27/2009 11:27	SOIL	33.76	ppm	Final	cdc-102709-4	north	start					6001.73	135.82	< LOD	16.26	386.65	209.02					382.62	108.95	< LOD	21.99
71	10/27/2009 11:29	SOIL	30.46	ppm	Final	cdc-102709-5	north west	start					4022.33	110.8	< LOD	13.51	< LOD	798.9					364.48	90.02	< LOD	23.5
72	10/27/2009 11:34	SOIL	90.74	ppm	Final	cdc-102709-6	south center	start			< LOD	8.63	2873.14	66.13	< LOD	8.91	141.16	35.43	< LOD	63.61	< LOD	12.44	274.59	53.84	< LOD	20.48
73	10/27/2009 11:37	SOIL	30.41	ppm	Final	cdc-102709-7	south east	start					726.71	34.91	< LOD	4.85	< LOD	413.64					67.69	28.35	< LOD	12.61