RECEIVED
By Alameda County Environmental Health at 4:28 pm, Apr 30, 2014

February 21, 2014

Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

RE: Ambassador Apartments
3610 Peralta St, Emeryville, California
(formerly 3623 Adeline Street and 1168 36th Street)
Site Conceptual Model - Addendum

Dear Alameda County Environmental Health:

The Ambassador, L.P. recently constructed a new 69-unit multifamily apartment building at the corner of Peralta and 36th Streets in Emeryville, California. Resources for Community Development (RCD) is the developer of the site and The Ambassador, L.P. is the owner. The site was previously owned by the City of Emeryville and was sold to The Ambassador, L.P. in March 2012.

The attached *Site Conceptual Model Addendum* was prepared by Adanta, Inc. ("Adanta"), who we believe to be experienced and qualified to advise us in a technical area that requires a high degree of professional expertise. We have relied on Adanta's assistance, knowledge and expertise in their preparation of the attached Addendum. I am unaware of any material inaccuracy in the information in the report or of any violation of government guidelines that are applicable to the Addendum. I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

Please feel free to call me at (510) 841 – 4410 x335 should you require additional information or have any questions.

Sincerely,

Jessica Sheldon
Project Manager

2220 Oxford Street • Berkeley, CA 94704 • Phone: (510) 841-4410 • Fax: (510) 548-3502

Adanta, Inc.
828 School Street
Napa, California 94559
Tel. (707) 709-8894

Adanta

February 24, 2014
Project A1185-9

Mr. Mark Detterman
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502

Site Conceptual Model Addendum
The Ambassador, LP
1168 36th Street
Emeryville, California
Alameda County Case ID: RO 2973
Global ID: T0619717287

This Addendum supplements the Site Conceptual Model prepared by Adanta, Inc., dated November 9, 2013, and was prepared at the request of Alameda County Environmental Health (ACEH) as part of ACEH's review of the Property under the Low Threat Closure Policy.

ANALTYICAL DATA FOR EXTRACTION WELL EW-2

Extraction Well EW-2 was installed at the Property in July 2012 by Adanta at the request of ACEH, and has only been sampled one time on September 5, 2013. Results of analyses for EW-2 have been tabulated on Table A-1 and the laboratory report is included as Appendix A-2. It should be noted that the Adanta field technician referred to the well as EW-1 on the chain of custody, which is how it is reported by the laboratory in Appendix A-2.

RIVETED UST #3

A riveted UST was encountered by Clayton (2005) and shown on Figure 2 of their report concerning the removal of Sump 2. Kleinfelder (2008) was contracted by the City of Emeryville to conduct assessment and remediation work under a US EPA Brownfields Grant. The scope of work included removal of the riveted UST found by Clayton (2005). The following is a summary of the Kleinfelder (2008) investigation.

Kleinfelder (2008) conducted a geophysical survey that encountered an anomaly on the east side of the former Sump 2 excavation. Kleinfelder then excavated and removed a UST at this location (referred to in the Adanta SCM as UST #3 and in the Kleinfelder

report as EUST). The UST was four feet in diameter by eight feet in length, and the top of the UST was nine feet below surface. The diameter and depth of this UST match those identified by Clayton in 2005.

The geophysical survey did not detect an anomaly on the west side of the former Sump 2 excavation. Kleinfelder (2008) concluded the UST they removed was the one encountered by Clayton (2005).

POTENTIAL ONSITE REMAINING SOURCES

Figure A-1 includes locations for all known sumps and USTs, including excavations and borings, monitoring wells, and extraction wells. Table A-2 provides additional data concerning these structures. Appendix A-1 provides well data in the ACEH tabular format, as requested. To the best of our knowledge all observed potential sources of contamination at the Property have been removed.

SHALLOW GROUNDWATER (Preferential Pathway Study)

ACEH has requested: 1) additional data concerning groundwater conditions in the shallow zone; 2) review of preferential pathways to justify regulatory closure under the Low Threat Closure Policy, and 3) potential impact of the underground utilities in conveying contamination offsite.

Attached as Figure A-2 is a map that depicts shallow groundwater flow directions for sites in the general area of the Property. This data was obtained from groundwater monitoring reports found on Geotracker. Adanta's review of this data indicates that shallow groundwater likely flows in a southwesterly direction from the Property.

The highest concentration of benzene reported in shallow groundwater at the Property was 28 μg/L in KB6, which was advanced in the southeast portion of the Property near 36th Street. The highest concentration of MTBE reported in groundwater at the Property was 8.5 μg/L, detected in B9, which is near UST 1 in the northeast portion of the Property.

The highest concentration of TPHd found in groundwater outside the "area of concern" was in KB1 (near the southern boundary) at a concentration of 15,000 μg/L. KB5 was advanced about 20 feet downgradient of KB1; TPHd was reported in KB5 at 490 μg/L, which suggests a stable plume. Both of these concentrations are likely inflated due to not using silica gel cleanup during analyses. The actual TPHd concentrations in groundwater at these two locations are probably lower.

Concentrations of TPHd in groundwater are likely to be further reduced because shallow groundwater was dewatered during construction of onsite subsurface infrastructure. Groundwater was pumped from dewatering wells into onsite storage tanks before being discharged to the storm drain along 36th Street under permit to the EBMUD. Release

occurred over a time period of one month from June 7, 2012 to July 6, 2012. Approximately 23,640 gallons of shallow groundwater water was discharged. KB1 was located less than five feet north of the dewatering trench, and KB5 was located less than five feet south of the dewatering trench. The area of dewatering is depicted on Figure A-1 as well as Figure A-4 (Cross Section D-D').

The primary chemicals of concern in the shallow groundwater at the Property are total petroleum hydrocarbon compounds as diesel (TPHd) and motor oil (TPHmo). The offsite extent of shallow groundwater of these contaminants is not defined downgradient of soil borings C-7, KB-1, and KB-6. Nevertheless, the maximum extent of contamination plumes can be estimated based on Low Threat Closure Policy Technical Justification for Groundwater Plume Lengths (LTCP).

LTCP contaminant plumes are based on concentrations of TPH as gasoline (TPHg), MTBE, and benzene. Neither TPHd or TPHmo are used to describe plume lengths in the LTCP because the hydrocarbons in the TPHd carbon range are of lower solubility and do not migrate downgradient as far when compared to TPHg, MTBE, and benzene. Therefore, the plume lengths based on LTCP are conservative estimates beneath the Property.

The downgradient plume length based on the LTCP is estimated to be less than 250 feet and is based on the Class 2 LTCP scenario of a "moderate" stabilized plume. This scenario is believed to be conservative for the Property. The scenario approximates the average benzene plume length from the cited studies with maximum concentrations of benzene (3,000 ug/l) and MTBE (1,000 ug/l) with no free product as a source. The actual concentration of groundwater contaminants at the Property is considerably less than the assumed values.

As stated above the highest concentration of benzene reported in groundwater at the Property was 28 µg/L in KB6 in the southeast portion of the Property north of the sidewalk on 36th Street. The highest concentration of MTBE reported in groundwater at the Property was 8.5 µg/L, detected in B9, which is near UST 1 in the northeast portion of the Property. Therefore, an estimated plume length of less than 250 feet is appropriate. The LTCP suggests that these residual concentrations are expected to biodegrade/naturally attenuate to Water Quality Objectives within a reasonable time frame.

There are no known active monitoring wells or production wells within 1,000 feet of the Property in a downgradient flow direction. (Please refer to Figure A-2, Maximum Likely Groundwater Plume Map). Kleinfelder (2009) conducted a Preferential Pathway and Potential Receptor Survey and documented that drinking water wells are not found within 2,000 feet of the Property. In addition, one industrial well installed in 1936 is located approximately 300 feet southeast of the Property in a cross-gradient groundwater flow direction. However this well has since been abandoned. The closest known well to the site is located approximately 900 feet southwest of the site and the depth of the well is

approximately 25 feet ((Kleinfelder, 2009). However, the site at which this well had been installed has received regulatory closure and the well has been abandoned.

Storm Drain and Sewer Lines

According to Kava Massih Architects, the architectural firm responsible for design of the Ambassador Apartments, the sewer line beneath the sidewalk adjacent to the Property and 36th Street is a 30-inch diameter line. The outside top of the sewer line at the entrance to the parking structure at the Property is seven feet below surface, so the bottom of the trench would be about 9.5 feet below surface at that location with a slope to the west. The storm drain beneath 36th Street is a 60-inch diameter steel pipe. At the junction box at Peralta and 36th Street, the top of the line is about five feet below surface. So the estimated depth of the bottom of the storm drain would be about 10 feet below surface at that location, and shallower going northeast along 36th Street. As noted above, dewatering at the Property occurred during June 2012. The groundwater at that time was 10 feet below surface. The highest reported depth to shallow groundwater was estimated at 8.5 feet in four soil borings advanced by Clayton in 2003.

Because the depth of the storm drain is likely between 9 and 10 feet along the Property as it trends westward, it is possible that a portion of the shallow groundwater at the Property was exposed to the preferential pathway caused by the storm drain. The distance to San Francisco Bay, where the storm drain releases, is almost 4,300 feet. Any contamination found in the shallow groundwater at the Property, if it exists, would dissipate or attenuate prior to arriving at San Francisco Bay. The sewer line along 36th Street trends west where it intersects with a larger line that trends south along Peralta Street to 4th Street before it enters the main EBMUD wastewater treatment plant. This distance is about 3,900 feet. The flow along this line is treated before it is released into San Francisco Bay. It is highly unlikely that shallow groundwater contamination at the Property could make its way to the treatment plant because of dispersion and attenuation of the contamination. The locations of the storm drain and sewer line are depicted on Figure A-1.

SITE TIMELINE

See Table A2, attached, for a summary of underground structures at the Property and their corresponding ACEH case numbers.

INFRASTRUCTURE STATUS TABLES

Table A2, attached, documents the status of known underground structures at the Property.

RESIDUAL SOIL CONTAMINATION CROSS-SECTIONS

Figures A-3 and A-4 offer revised and additional cross-sections of the Property.

This Addendum addresses the comments and requests for additional information in the email from ACEH staff dated February 7, 2014. Thank you for considering the Ambassador site for regulatory closure under the Low Threat Closure Policy.

Nick Patz
Project Manager

Paul Stoppelmann, PG #6559
Professional Geologist

Attachments

Figures
Figure A-1 – Sample and Structure Location Map
Figure A-2 – Plume Map
Figure A-3 – Cross Sections (revised)
Figure A-4 - Cross Section D-D'

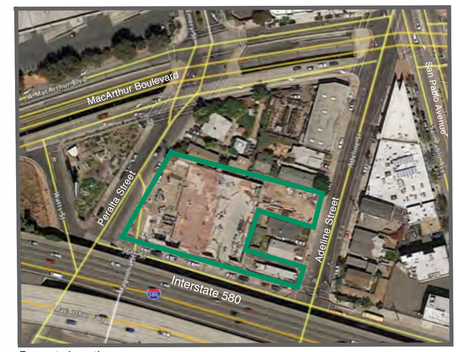
Tables
Table A-1 – EW-2 Groundwater Data
Table A-2 - Infrastructure
Table A-3 – Soil Boring and Well Data

Appendices
Appendix A-1 – Site Well Construction Details Form
Appendix A-2 – Groundwater Laboratory Analytical Report for EW-2

FIGURES

EXPLANATION

- EW1/MW1 — Extraction Well by Kleinfelder, 1996
- EW2 — Extraction Well by Adanta, 2012
- MW-6 — Monitoring Well by Kleinfelder (2007) Location taken from Demolition Plan (Building A) by Kava Massih Architects
- PW — Production Well (1905) Location inferred from Google Earth Image (May 20, 2012)
- Dewatering Well, WSP Consulting Engineers (2012)
- CPT-6 — Cone Penetrometer by Adanta 2012
- KB12 — Soil Boring by Kleinfelder 1996 and 2008
- B-1 — Soil Boring by Clayton 2003
- SB-3 — Soil Boring by PES Environmental 1996
- UST removed
- Sump 5 — Sump or Drain, as described and located by Clayton 2003, 2005
- D — D' Cross Section Location, see Figure A-4



Property Location base from Google Earth, 2013

0 10 20 30 40
feet

N

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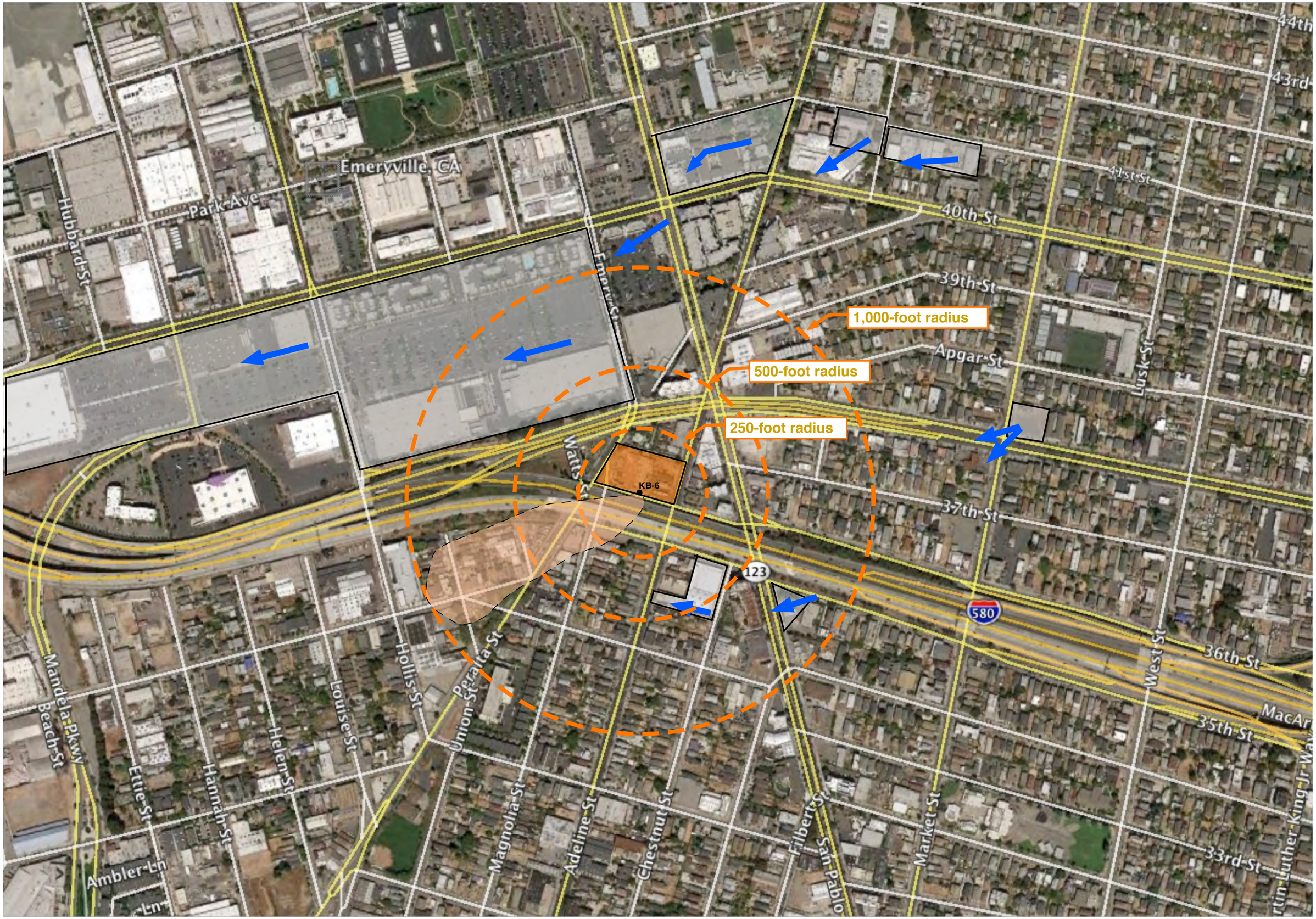
SAMPLE AND STRUCTURE LOCATION MAP

FIGURE

A-1



N

Listed Site with Groundwater Flow Direction, taken from groundwater monitoring events found on Geotracker

Maximum Potential Plume Length, showing possible impact area

Radii (Orange Circles) are based on distance from boring KB-6

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Site Conceptual Model Addendum
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Emeryville, California

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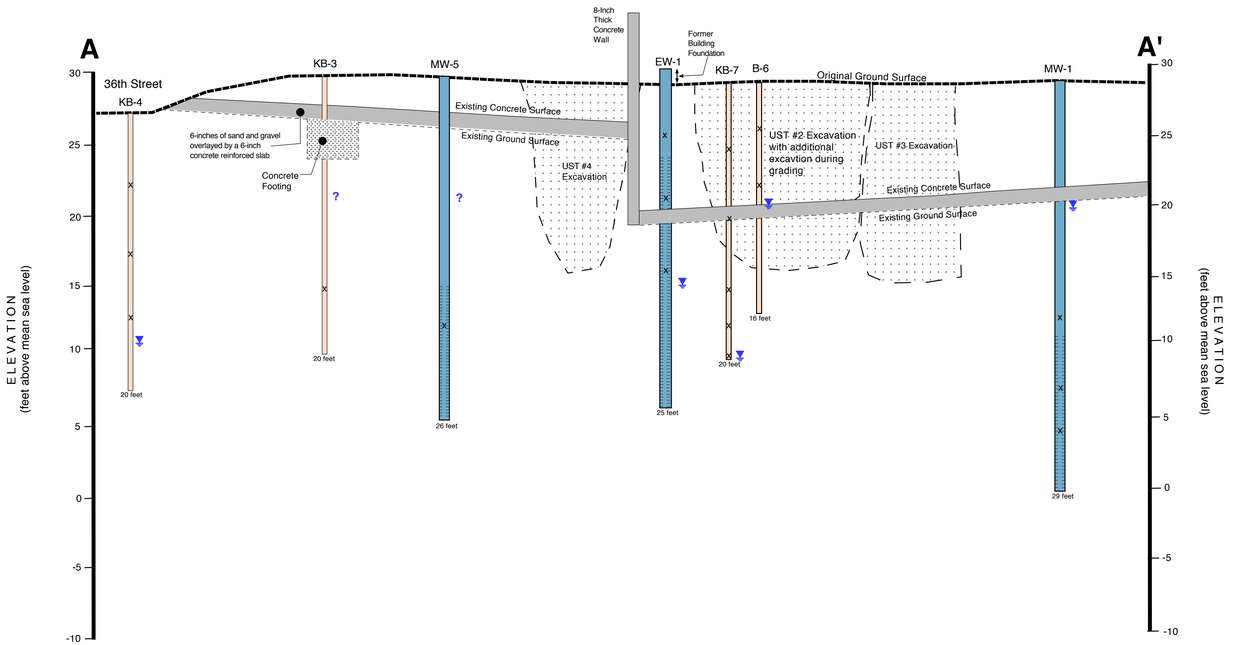
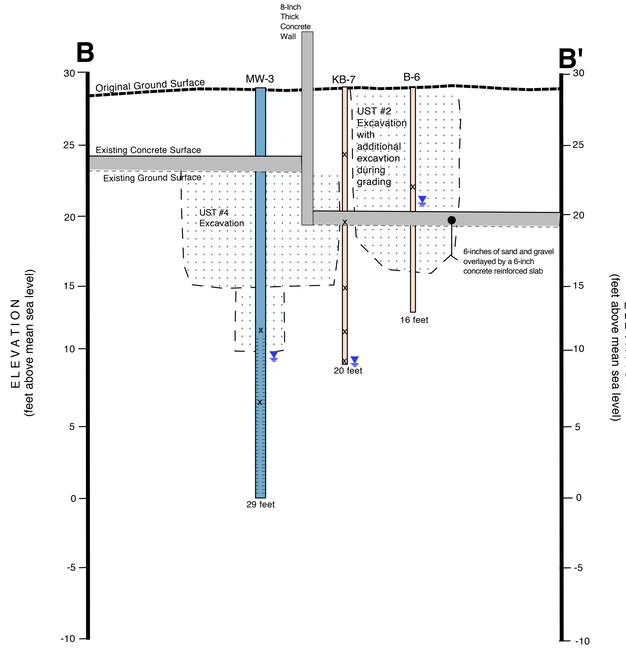
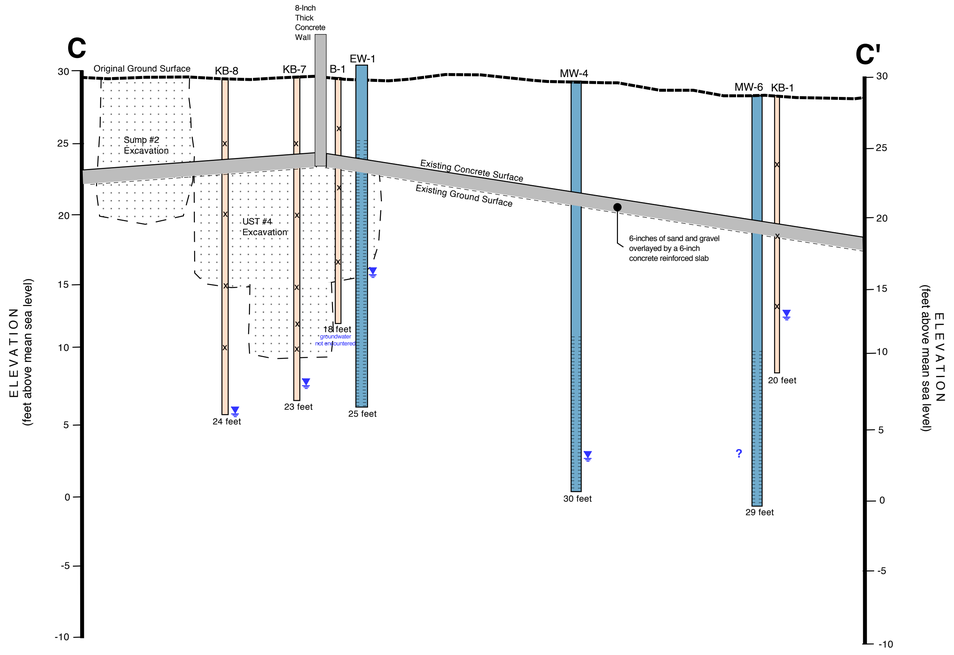
Maximum Likely Groundwater Plume Map

FIGURE

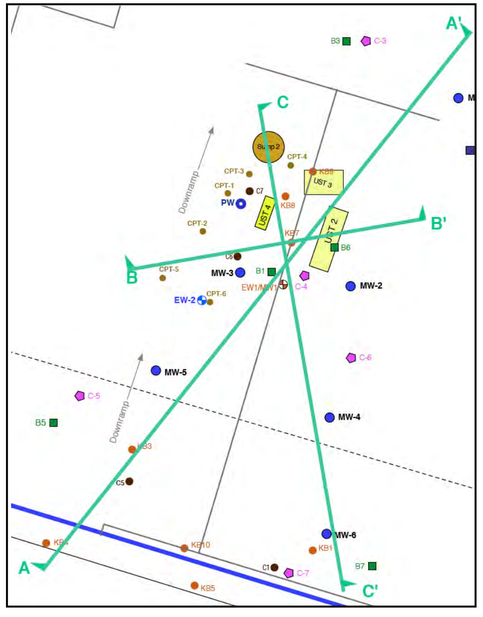
A-2







CROSS SECTION LOCATIONS



x Soil Sample Location

Vertical exaggeration is 2X

Elevations have been taken from drawings by Kava Massih Architects, which differ from the survey elevations for Kleinfelder's monitoring wells.

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Site Conceptual Model Addendum
1168 36th Street
Emeryville, California

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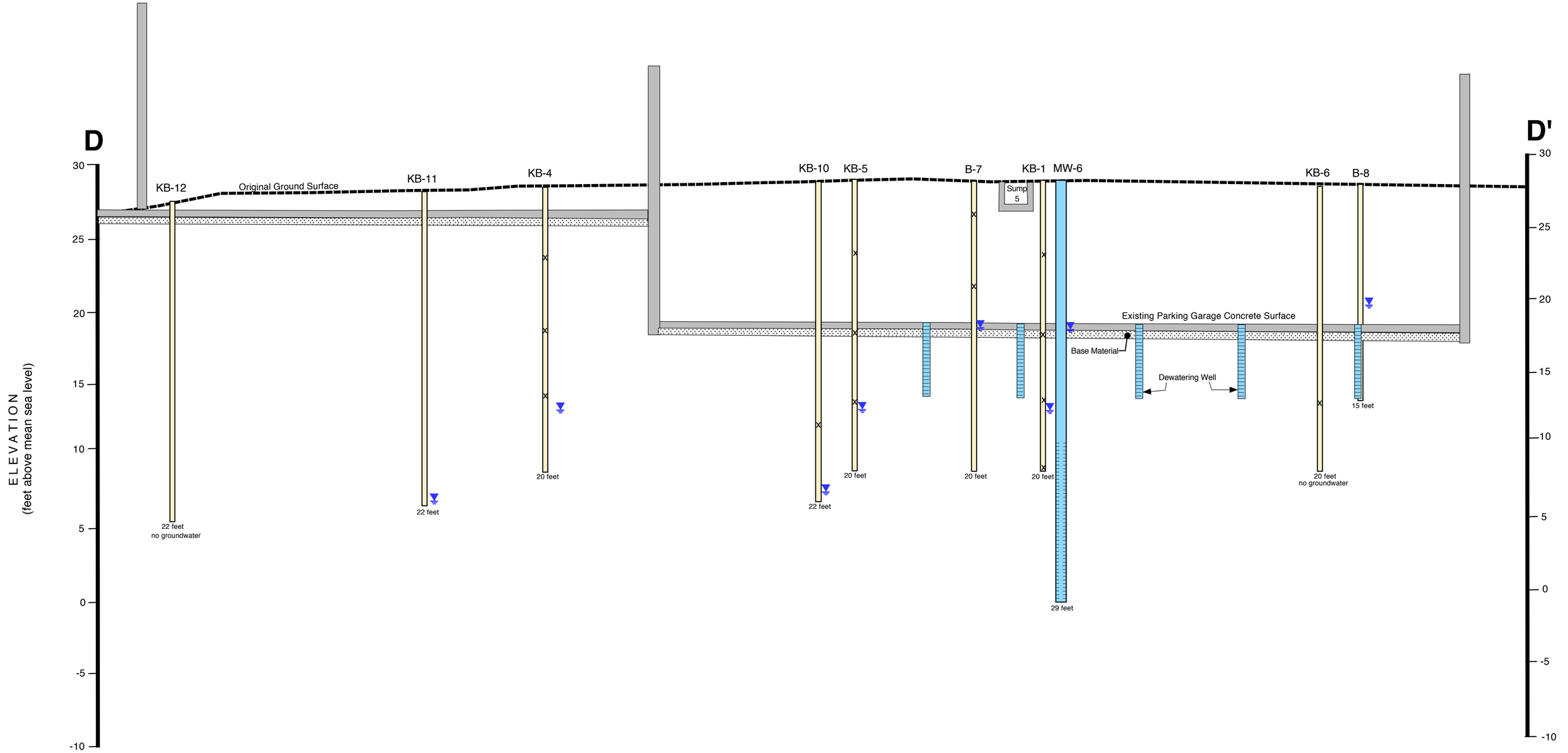
CROSS SECTIONS A-A' Through C-C'

FIGURE

A-3



Vertical exaggeration is 2X

Elevations have been taken from drawings by Kava Massih Architects, which differ from the survey elevations for Kleinfelder's monitoring wells.

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1168 36th Street
Emeryville, California

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FIGURE

A-4

CROSS SECTION D-D'

TABLES

TABLE A-1
LABORATORY GROUNDWATER ANALYTICAL RESULTS
EW-2
micrograms per liter (µg/L)

	MtBE	Trichloroethene	TPHd	TPHmo
EW1-1 Surface Sample	**0.66**	**1.5**	**55**	nd
EW1-2 Mid-Screen Sample	**0.67**	**2.9**	**84**	**100**
ESL (2013)	5	5	100	100

Other analytes not detected above reporting limit
Groundwater samples analyzed using US EPA method 8260b for VOCs and Naphthalene and 8015b for TPHd and TPHmo
nd = not detected above reporting limt
ESL = Environmental Screening Leve (2013)

Refer to Laboratory Analytical Report, Appenidx A-2
Well Sampled September 5, 2013

TABLE A-2

INFRASTRUCTURE

Site Conceptual Model Addendum

February 2014

	STATUS	Contents	REMOVAL DATE	ACEH CASE NUMBER	FEATURE EXCAVATION DEPTH	REDEVELOPMENT SURFACE DEPTH	COMMENTS
UST 1	Removed by Semco	Gasoline	1994	RO 00879	13 feet	grade surface	no over-excavation necessary
UST 2	Removed by Semco	Heating Oil	1995	RO 00879	9 feet	8 feet	removed 2500 g of product. Ust had 3-4-inch hole in bott(pipe connection). 54.34 tons of soil removed.
Sump 1	Removed by PES	oily water	1996	RO 00879	unknown	7 feet	Area excavated to about 7 feet below original ground surface during parking structure excavation.
Sump 2	Removed by Clayton	oily water	2005	RO 002973	14 feet	5.5 feet	no groundwater encountered
UST 3	Removed by Kleinfelder	Heating Oil	2008	RO 002973	14 feet	7.5 feet	132 tons of soil excavated, replaced with clean fill. No GW encountered
Sump 3	Removed by Excavation Contractor	unknown	2012	RO 002973	3 feet	grade surface	outside of parking structure excavation but area excavated to about 3 ft below surface refilled and compacted
Sump 4	Removed by Excavation Contractor	unknown	2012	RO 002973	3 feet	grade surface	outside of parking structure excavation but area excavated to about 3 ft below surface refilled and compacted
Sump 5	Removed by Excavation Contractor	unknown	2012	RO 002973	10 feet	9-10 feet	area excavated to 10 feet bgs during parking structure excavation
UST 4	Removed by Golden Gate	Heating Oil	2012	RO 002973	13-18 feet	5 feet	approximately 230 cy of soil removed, 90 cy of CDF was placed to stabilize tank pit. GW encountered at about 13 ft below original ground surface

Note: Clayton mapped sump locations but did not discriminate between sumps and drains

TABLE A-3
SOIL BORING AND WELL DATA

Site Conceptual Model Addendum
February 2014

PES Environmental - 1996

Initial Consultant ID	Other Designations	Total Depth	Redevelopment Depth	Groundwater Depth	ACEH Case Number	Comment
SB-1	P-1	21	7	?	RO 00879	
SB-2	P-2	21	7	?	RO 00879	
SB-3	P-3	24	7	?	RO 00879	

Kleinfelder April 1996

Initial Consultant ID	Other Designations	Total Depth	Redevelopment Depth	Groundwater Depth	Screened Interval	ACEH Case Number	Comment
EW-1	MW-1	25	3	10	5-25	RO 00879	
B1	KB-1	20	10	16		RO 00879	
B2	KB-2	20	36th Street	none		RO 00879	
B3	KB-3	20	1	none recorded		RO 00879	
B4	KB-4	20	sidewalk	16.5		RO 00879	
B5	KB-5	20	sidewalk	15		RO 00879	
B6	KB-6	20	sidewalk	none recorded		RO 00879	

CLAYTON GROUP - MAY 2003

Initial Consultant ID	Other Designations	Total Depth	Redevelopment Depth	Groundwater Depth	ACEH Case Number	Comment
B1	C-1	18	surface	8.5	RO 002973	outside of parking structure, excavated to a depth of 3 feet, refilled, and compacted
B2	C-2	19	surface	none	RO 002973	outside of parking structure, excavated to a depth of 3 feet, refilled, and compacted
B3	C-3	19	6	8.5	RO 002973	
B4	C-4	19	5	8.5	RO 002973	
B5	C-5	18	1.5	9	RO 002973	
B6	C-6	16	8	8.5	RO 002973	
B7	C-7	20	10	10	RO 002973	
B8	C-8	15	10	8.5	RO 002973	
B9	C-9	19	surface	10.5	RO 002973	Excavated to 3 feet during lead removal
B10	C-10	19	surface	16.5	RO 002973	Excavated to 3 feet during lead removal

Kleinfelder October 2007

Initial Consultant ID	Other Designations	Total Depth	Redevelopment Depth	Groundwater Depth	ACEH Case Number	Comment
KB-7		23	5	20	RO 002973	in area overexcavated to a depth of 13 feet below original ground surface during overex of UST 4
KB-8		24	5	9	RO 002973	
KB-9		24	5.5	20	RO 002973	
KB-10		22	at surface	22	RO 002973	area of trench excavated for connection to storm drain and sewer to about 9 feet.
KB-11		22	at surface	22	RO 002973	within trench area excavated for connection to storm drain and sewer, excavated to about 9 feet.
KB-12		22	at surface	none	RO 002973	outside of parking structure. Escavated to between 2 and 3 feet prior to refilling and compacting

Kleinfelder March 2009

Initial Consultant ID	Other Designations	Total Depth	Redevelopment Depth	Groundwater Depth	Screened Interval	ACEH Case Number	Comment
MW-1		29	6	8.5	19-29	RO 002973	
MW-2	K-A	40	7.5	10	19-29	RO 002973	
MW-3	K-B	40	4.5	10	19-29	RO 002973	removed to depth of 13 feet during excavation of UST 4. Area filled to with about 5 feet with CDF.
MW-4	K-C	30	8.5	11.5	19-29	RO 002973	
	K-D	43.5		22		RO 002973	
MW-5		30	2.5	11	16-26	RO 002973	
MW-6		30	10	10	19-29	RO 002973	

Adanta July 2012

Initial Consultant ID	Other Designations	Total Depth	Redevelopment Depth	Groundwater Depth	Screened Interval	ACEH Case Number	Comment
EW-2		41.5 feet from redevelopment depth	3 feet	9(12)	19-39	RO 002973	Top of casing is about 3 feet below original ground surface

Redevelopment depths estimated using grading plans by Kava Massih

APPENDIX A-1

Site Well Construction Details Form

Site Well Construction Details

Well ID	Location (Onsite/Offsite, Downgradient, Upgradient or Cross Gradient)	Highest Measured Depth to Water		Lowest Measured Depth to Water		Screen Interval (ft bgs)	Total Depth	Submerged (% of events)	Dry (% of Events)	Status (Active, Abandoned, Lost)
		Date	Feet bgs	Date	Feet bgs					
EW-1	onsite downgradient					5-25		0	0	abandoned
MW-1	Onsite Upgradient	3/30/2009	9.45	10/26/2009	15.8	19-29	29	0	0	abandoned
MW-2	Onsite Downgradient	3/30/2009	9.41	10/26/2009	15.81	19-29	29	0	0	abandoned
MW-3	Onsite Downgradient	10/26/2009	9.8	7/15/2009	10.95	19-29	29	0	0	abandoned
MW-4	Onsite Downgradient	10/26/2009	9.33	7/15/2009	10.6	19-29	29	0	0	abandoned
MW-5	Onsite Downgradient	3/30/2009	9.96	7/15/2009	11.4	16-26	26	0	0	abandoned
MW-6	Onsite Downgradient	10/26/2009	9.07	7/17/2009	10.3	19-29	29	0	0	abandoned
EW-2	Onsite Downgradient	7/9/2012	9(13)	7/9/2012	9(13)	19-39	39	0	0	active

APPENDIX A-2

Groundwater Laboratory Analytical Report for EW-2

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-52117-1
Client Project/Site: Ambassador

For:
Adanta, Inc
828 School Street
Napa, California 94559

Attn: Mr. Nick Patz

Jill Kellmann

Authorized for release by:
9/11/2013 3:47:02 PM

Jill Kellmann, Project Manager II
jill.kellmann@testamericainc.com

Table of Contents

Client: Adanta, Inc
Project/Site: Ambassador

TestAmerica Job ID: 720-52117-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Adanta, Inc
Project/Site: Ambassador

TestAmerica Job ID: 720-52117-1

Job ID: 720-52117-1

Laboratory: TestAmerica Pleasanton

Narrative

Receipt

The samples were received on 9/5/2013 12:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 13.0º C.

Except:

Received samples out of temperature requirements.

GC/MS VOA

No analytical or quality issues were noted.

GC Semi VOA

No analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

Detection Summary

Client: Adanta, Inc
Project/Site: Ambassador

TestAmerica Job ID: 720-52117-1

Client Sample ID: EW1-1 — Lab Sample ID: 720-52117-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.66		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	1.5		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Diesel Range Organics [C10-C28]	55		53		ug/L	1		8015B	Total/NA

Client Sample ID: EW1-2 — Lab Sample ID: 720-52117-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.67		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	2.9		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Diesel Range Organics [C10-C28]	84		52		ug/L	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	100		100		ug/L	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Adanta, Inc
Project/Site: Ambassador

TestAmerica Job ID: 720-52117-1

Client Sample ID: EW1-1
Date Collected: 09/04/13 14:15
Date Received: 09/05/13 12:00

Lab Sample ID: 720-52117-1
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	**0.66**		0.50		ug/L			09/07/13 00:31	1
Acetone	ND		50		ug/L			09/07/13 00:31	1
Benzene	ND		0.50		ug/L			09/07/13 00:31	1
Dichlorobromomethane	ND		0.50		ug/L			09/07/13 00:31	1
Bromobenzene	ND		1.0		ug/L			09/07/13 00:31	1
Chlorobromomethane	ND		1.0		ug/L			09/07/13 00:31	1
Bromoform	ND		1.0		ug/L			09/07/13 00:31	1
Bromomethane	ND		1.0		ug/L			09/07/13 00:31	1
2-Butanone (MEK)	ND		50		ug/L			09/07/13 00:31	1
n-Butylbenzene	ND		1.0		ug/L			09/07/13 00:31	1
sec-Butylbenzene	ND		1.0		ug/L			09/07/13 00:31	1
tert-Butylbenzene	ND		1.0		ug/L			09/07/13 00:31	1
Carbon disulfide	ND		5.0		ug/L			09/07/13 00:31	1
Carbon tetrachloride	ND		0.50		ug/L			09/07/13 00:31	1
Chlorobenzene	ND		0.50		ug/L			09/07/13 00:31	1
Chloroethane	ND		1.0		ug/L			09/07/13 00:31	1
Chloroform	ND		1.0		ug/L			09/07/13 00:31	1
Chloromethane	ND		1.0		ug/L			09/07/13 00:31	1
2-Chlorotoluene	ND		0.50		ug/L			09/07/13 00:31	1
4-Chlorotoluene	ND		0.50		ug/L			09/07/13 00:31	1
Chlorodibromomethane	ND		0.50		ug/L			09/07/13 00:31	1
1,2-Dichlorobenzene	ND		0.50		ug/L			09/07/13 00:31	1
1,3-Dichlorobenzene	ND		0.50		ug/L			09/07/13 00:31	1
1,4-Dichlorobenzene	ND		0.50		ug/L			09/07/13 00:31	1
1,3-Dichloropropane	ND		1.0		ug/L			09/07/13 00:31	1
1,1-Dichloropropene	ND		0.50		ug/L			09/07/13 00:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			09/07/13 00:31	1
Ethylene Dibromide	ND		0.50		ug/L			09/07/13 00:31	1
Dibromomethane	ND		0.50		ug/L			09/07/13 00:31	1
Dichlorodifluoromethane	ND		0.50		ug/L			09/07/13 00:31	1
1,1-Dichloroethane	ND		0.50		ug/L			09/07/13 00:31	1
1,2-Dichloroethane	ND		0.50		ug/L			09/07/13 00:31	1
1,1-Dichloroethene	ND		0.50		ug/L			09/07/13 00:31	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			09/07/13 00:31	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			09/07/13 00:31	1
1,2-Dichloropropane	ND		0.50		ug/L			09/07/13 00:31	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			09/07/13 00:31	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			09/07/13 00:31	1
Ethylbenzene	ND		0.50		ug/L			09/07/13 00:31	1
Hexachlorobutadiene	ND		1.0		ug/L			09/07/13 00:31	1
2-Hexanone	ND		50		ug/L			09/07/13 00:31	1
Isopropylbenzene	ND		0.50		ug/L			09/07/13 00:31	1
4-Isopropyltoluene	ND		1.0		ug/L			09/07/13 00:31	1
Methylene Chloride	ND		5.0		ug/L			09/07/13 00:31	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			09/07/13 00:31	1
Naphthalene	ND		1.0		ug/L			09/07/13 00:31	1
N-Propylbenzene	ND		1.0		ug/L			09/07/13 00:31	1
Styrene	ND		0.50		ug/L			09/07/13 00:31	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			09/07/13 00:31	1

Client: Adanta, Inc
Project/Site: Ambassador

TestAmerica Job ID: 720-52117-1

Client Sample ID: EW1-1
Date Collected: 09/04/13 14:15
Date Received: 09/05/13 12:00

Lab Sample ID: 720-52117-1
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/07/13 00:31	1
Tetrachloroethene	ND		0.50		ug/L			09/07/13 00:31	1
Toluene	ND		0.50		ug/L			09/07/13 00:31	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			09/07/13 00:31	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/07/13 00:31	1
1,1,1-Trichloroethane	ND		0.50		ug/L			09/07/13 00:31	1
1,1,2-Trichloroethane	ND		0.50		ug/L			09/07/13 00:31	1
Trichloroethene	**1.5**		0.50		ug/L			09/07/13 00:31	1
Trichlorofluoromethane	ND		1.0		ug/L			09/07/13 00:31	1
1,2,3-Trichloropropane	ND		0.50		ug/L			09/07/13 00:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			09/07/13 00:31	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			09/07/13 00:31	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			09/07/13 00:31	1
Vinyl acetate	ND		10		ug/L			09/07/13 00:31	1
Vinyl chloride	ND		0.50		ug/L			09/07/13 00:31	1
Xylenes, Total	ND		1.0		ug/L			09/07/13 00:31	1
2,2-Dichloropropane	ND		0.50		ug/L			09/07/13 00:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*87*		*67 - 130*		*09/07/13 00:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*72 - 130*		*09/07/13 00:31*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*09/07/13 00:31*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**55**		53		ug/L		09/10/13 08:01	09/10/13 15:51	1
Motor Oil Range Organics [C24-C36]	ND		110		ug/L		09/10/13 08:01	09/10/13 15:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*94*		*23 - 156*	*09/10/13 08:01*	*09/10/13 15:51*	*1*

Client: Adanta, Inc
Project/Site: Ambassador

TestAmerica Job ID: 720-52117-1

Client Sample ID: EW1-2
Date Collected: 09/04/13 17:15
Date Received: 09/05/13 12:00

Lab Sample ID: 720-52117-2
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	**0.67**		0.50		ug/L			09/07/13 00:59	1
Acetone	ND		50		ug/L			09/07/13 00:59	1
Benzene	ND		0.50		ug/L			09/07/13 00:59	1
Dichlorobromomethane	ND		0.50		ug/L			09/07/13 00:59	1
Bromobenzene	ND		1.0		ug/L			09/07/13 00:59	1
Chlorobromomethane	ND		1.0		ug/L			09/07/13 00:59	1
Bromoform	ND		1.0		ug/L			09/07/13 00:59	1
Bromomethane	ND		1.0		ug/L			09/07/13 00:59	1
2-Butanone (MEK)	ND		50		ug/L			09/07/13 00:59	1
n-Butylbenzene	ND		1.0		ug/L			09/07/13 00:59	1
sec-Butylbenzene	ND		1.0		ug/L			09/07/13 00:59	1
tert-Butylbenzene	ND		1.0		ug/L			09/07/13 00:59	1
Carbon disulfide	ND		5.0		ug/L			09/07/13 00:59	1
Carbon tetrachloride	ND		0.50		ug/L			09/07/13 00:59	1
Chlorobenzene	ND		0.50		ug/L			09/07/13 00:59	1
Chloroethane	ND		1.0		ug/L			09/07/13 00:59	1
Chloroform	ND		1.0		ug/L			09/07/13 00:59	1
Chloromethane	ND		1.0		ug/L			09/07/13 00:59	1
2-Chlorotoluene	ND		0.50		ug/L			09/07/13 00:59	1
4-Chlorotoluene	ND		0.50		ug/L			09/07/13 00:59	1
Chlorodibromomethane	ND		0.50		ug/L			09/07/13 00:59	1
1,2-Dichlorobenzene	ND		0.50		ug/L			09/07/13 00:59	1
1,3-Dichlorobenzene	ND		0.50		ug/L			09/07/13 00:59	1
1,4-Dichlorobenzene	ND		0.50		ug/L			09/07/13 00:59	1
1,3-Dichloropropane	ND		1.0		ug/L			09/07/13 00:59	1
1,1-Dichloropropene	ND		0.50		ug/L			09/07/13 00:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			09/07/13 00:59	1
Ethylene Dibromide	ND		0.50		ug/L			09/07/13 00:59	1
Dibromomethane	ND		0.50		ug/L			09/07/13 00:59	1
Dichlorodifluoromethane	ND		0.50		ug/L			09/07/13 00:59	1
1,1-Dichloroethane	ND		0.50		ug/L			09/07/13 00:59	1
1,2-Dichloroethane	ND		0.50		ug/L			09/07/13 00:59	1
1,1-Dichloroethene	ND		0.50		ug/L			09/07/13 00:59	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			09/07/13 00:59	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			09/07/13 00:59	1
1,2-Dichloropropane	ND		0.50		ug/L			09/07/13 00:59	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			09/07/13 00:59	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			09/07/13 00:59	1
Ethylbenzene	ND		0.50		ug/L			09/07/13 00:59	1
Hexachlorobutadiene	ND		1.0		ug/L			09/07/13 00:59	1
2-Hexanone	ND		50		ug/L			09/07/13 00:59	1
Isopropylbenzene	ND		0.50		ug/L			09/07/13 00:59	1
4-Isopropyltoluene	ND		1.0		ug/L			09/07/13 00:59	1
Methylene Chloride	ND		5.0		ug/L			09/07/13 00:59	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			09/07/13 00:59	1
Naphthalene	ND		1.0		ug/L			09/07/13 00:59	1
N-Propylbenzene	ND		1.0		ug/L			09/07/13 00:59	1
Styrene	ND		0.50		ug/L			09/07/13 00:59	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			09/07/13 00:59	1

Client Sample ID: EW1-2
Date Collected: 09/04/13 17:15
Date Received: 09/05/13 12:00

Lab Sample ID: 720-52117-2
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/07/13 00:59	1
Tetrachloroethene	ND		0.50		ug/L			09/07/13 00:59	1
Toluene	ND		0.50		ug/L			09/07/13 00:59	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			09/07/13 00:59	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/07/13 00:59	1
1,1,1-Trichloroethane	ND		0.50		ug/L			09/07/13 00:59	1
1,1,2-Trichloroethane	ND		0.50		ug/L			09/07/13 00:59	1
Trichloroethene	**2.9**		0.50		ug/L			09/07/13 00:59	1
Trichlorofluoromethane	ND		1.0		ug/L			09/07/13 00:59	1
1,2,3-Trichloropropane	ND		0.50		ug/L			09/07/13 00:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			09/07/13 00:59	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			09/07/13 00:59	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			09/07/13 00:59	1
Vinyl acetate	ND		10		ug/L			09/07/13 00:59	1
Vinyl chloride	ND		0.50		ug/L			09/07/13 00:59	1
Xylenes, Total	ND		1.0		ug/L			09/07/13 00:59	1
2,2-Dichloropropane	ND		0.50		ug/L			09/07/13 00:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*87*		*67 - 130*		*09/07/13 00:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*72 - 130*		*09/07/13 00:59*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*09/07/13 00:59*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**84**		52		ug/L		09/10/13 08:01	09/10/13 16:15	1
Motor Oil Range Organics [C24-C36]	**100**		100		ug/L		09/10/13 08:01	09/10/13 16:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*98*		*23 - 156*	*09/10/13 08:01*	*09/10/13 16:15*	*1*

Surrogate Summary

Client: Adanta, Inc
Project/Site: Ambassador

TestAmerica Job ID: 720-52117-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	12DCE	TOL
Lab Sample ID	Client Sample ID	(67-130)	(72-130)	(70-130)
720-52117-1	EW1-1	87	96	95
720-52117-2	EW1-2	87	96	96
LCS 720-143751/6	Lab Control Sample	98	96	101
LCSD 720-143751/7	Lab Control Sample Dup	98	95	100
MB 720-143751/5	Method Blank	93	96	100

Surrogate Legend

BFB = 4-Bromofluorobenzene

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		PTP1
Lab Sample ID	Client Sample ID	(23-156)
720-52117-1	EW1-1	94
720-52117-2	EW1-2	98
LCS 720-143909/2-A	Lab Control Sample	93
LCSD 720-143909/3-A	Lab Control Sample Dup	93
MB 720-143909/1-A	Method Blank	90

Surrogate Legend

PTP = p-Terphenyl

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Lab Sample ID: MB 720-143751/5
Matrix: Water
Analysis Batch: 143751

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			09/06/13 14:47	1
Acetone	ND		50		ug/L			09/06/13 14:47	1
Benzene	ND		0.50		ug/L			09/06/13 14:47	1
Dichlorobromomethane	ND		0.50		ug/L			09/06/13 14:47	1
Bromobenzene	ND		1.0		ug/L			09/06/13 14:47	1
Chlorobromomethane	ND		1.0		ug/L			09/06/13 14:47	1
Bromoform	ND		1.0		ug/L			09/06/13 14:47	1
Bromomethane	ND		1.0		ug/L			09/06/13 14:47	1
2-Butanone (MEK)	ND		50		ug/L			09/06/13 14:47	1
n-Butylbenzene	ND		1.0		ug/L			09/06/13 14:47	1
sec-Butylbenzene	ND		1.0		ug/L			09/06/13 14:47	1
tert-Butylbenzene	ND		1.0		ug/L			09/06/13 14:47	1
Carbon disulfide	ND		5.0		ug/L			09/06/13 14:47	1
Carbon tetrachloride	ND		0.50		ug/L			09/06/13 14:47	1
Chlorobenzene	ND		0.50		ug/L			09/06/13 14:47	1
Chloroethane	ND		1.0		ug/L			09/06/13 14:47	1
Chloroform	ND		1.0		ug/L			09/06/13 14:47	1
Chloromethane	ND		1.0		ug/L			09/06/13 14:47	1
2-Chlorotoluene	ND		0.50		ug/L			09/06/13 14:47	1
4-Chlorotoluene	ND		0.50		ug/L			09/06/13 14:47	1
Chlorodibromomethane	ND		0.50		ug/L			09/06/13 14:47	1
1,2-Dichlorobenzene	ND		0.50		ug/L			09/06/13 14:47	1
1,3-Dichlorobenzene	ND		0.50		ug/L			09/06/13 14:47	1
1,4-Dichlorobenzene	ND		0.50		ug/L			09/06/13 14:47	1
1,3-Dichloropropane	ND		1.0		ug/L			09/06/13 14:47	1
1,1-Dichloropropene	ND		0.50		ug/L			09/06/13 14:47	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			09/06/13 14:47	1
Ethylene Dibromide	ND		0.50		ug/L			09/06/13 14:47	1
Dibromomethane	ND		0.50		ug/L			09/06/13 14:47	1
Dichlorodifluoromethane	ND		0.50		ug/L			09/06/13 14:47	1
1,1-Dichloroethane	ND		0.50		ug/L			09/06/13 14:47	1
1,2-Dichloroethane	ND		0.50		ug/L			09/06/13 14:47	1
1,1-Dichloroethene	ND		0.50		ug/L			09/06/13 14:47	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			09/06/13 14:47	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			09/06/13 14:47	1
1,2-Dichloropropane	ND		0.50		ug/L			09/06/13 14:47	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			09/06/13 14:47	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			09/06/13 14:47	1
Ethylbenzene	ND		0.50		ug/L			09/06/13 14:47	1
Hexachlorobutadiene	ND		1.0		ug/L			09/06/13 14:47	1
2-Hexanone	ND		50		ug/L			09/06/13 14:47	1
Isopropylbenzene	ND		0.50		ug/L			09/06/13 14:47	1
4-Isopropyltoluene	ND		1.0		ug/L			09/06/13 14:47	1
Methylene Chloride	ND		5.0		ug/L			09/06/13 14:47	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			09/06/13 14:47	1
Naphthalene	ND		1.0		ug/L			09/06/13 14:47	1
N-Propylbenzene	ND		1.0		ug/L			09/06/13 14:47	1
Styrene	ND		0.50		ug/L			09/06/13 14:47	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-143751/5
Matrix: Water
Analysis Batch: 143751

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			09/06/13 14:47	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/06/13 14:47	1
Tetrachloroethene	ND		0.50		ug/L			09/06/13 14:47	1
Toluene	ND		0.50		ug/L			09/06/13 14:47	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			09/06/13 14:47	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/06/13 14:47	1
1,1,1-Trichloroethane	ND		0.50		ug/L			09/06/13 14:47	1
1,1,2-Trichloroethane	ND		0.50		ug/L			09/06/13 14:47	1
Trichloroethene	ND		0.50		ug/L			09/06/13 14:47	1
Trichlorofluoromethane	ND		1.0		ug/L			09/06/13 14:47	1
1,2,3-Trichloropropane	ND		0.50		ug/L			09/06/13 14:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			09/06/13 14:47	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			09/06/13 14:47	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			09/06/13 14:47	1
Vinyl acetate	ND		10		ug/L			09/06/13 14:47	1
Vinyl chloride	ND		0.50		ug/L			09/06/13 14:47	1
Xylenes, Total	ND		1.0		ug/L			09/06/13 14:47	1
2,2-Dichloropropane	ND		0.50		ug/L			09/06/13 14:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*67 - 130*		*09/06/13 14:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*72 - 130*		*09/06/13 14:47*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*09/06/13 14:47*	*1*

Lab Sample ID: LCS 720-143751/6
Matrix: Water
Analysis Batch: 143751

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	25.0	24.9		ug/L		100	62 - 130
Acetone	125	131		ug/L		104	26 - 180
Benzene	25.0	22.9		ug/L		92	79 - 130
Dichlorobromomethane	25.0	24.0		ug/L		96	70 - 130
Bromobenzene	25.0	24.0		ug/L		96	70 - 130
Chlorobromomethane	25.0	24.6		ug/L		99	70 - 130
Bromoform	25.0	28.4		ug/L		114	68 - 136
Bromomethane	25.0	23.4		ug/L		94	43 - 151
2-Butanone (MEK)	125	133		ug/L		106	54 - 130
n-Butylbenzene	25.0	24.1		ug/L		96	70 - 142
sec-Butylbenzene	25.0	23.7		ug/L		95	70 - 134
tert-Butylbenzene	25.0	24.2		ug/L		97	70 - 135
Carbon disulfide	25.0	26.8		ug/L		107	58 - 130
Carbon tetrachloride	25.0	23.0		ug/L		92	70 - 146
Chlorobenzene	25.0	24.7		ug/L		99	70 - 130
Chloroethane	25.0	23.8		ug/L		95	62 - 138
Chloroform	25.0	23.6		ug/L		94	70 - 130
Chloromethane	25.0	20.5		ug/L		82	52 - 175
2-Chlorotoluene	25.0	23.5		ug/L		94	70 - 130

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-143751/6
Matrix: Water
Analysis Batch: 143751

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorotoluene	25.0	23.2		ug/L		93	70 - 130
Chlorodibromomethane	25.0	27.2		ug/L		109	70 - 145
1,2-Dichlorobenzene	25.0	25.5		ug/L		102	70 - 130
1,3-Dichlorobenzene	25.0	25.4		ug/L		102	70 - 130
1,4-Dichlorobenzene	25.0	25.6		ug/L		102	70 - 130
1,3-Dichloropropane	25.0	26.0		ug/L		104	70 - 130
1,1-Dichloropropene	25.0	24.0		ug/L		96	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	27.5		ug/L		110	70 - 136
Ethylene Dibromide	25.0	27.2		ug/L		109	70 - 130
Dibromomethane	25.0	25.1		ug/L		100	70 - 130
Dichlorodifluoromethane	25.0	17.0		ug/L		68	34 - 132
1,1-Dichloroethane	25.0	22.4		ug/L		89	70 - 130
1,2-Dichloroethane	25.0	23.7		ug/L		95	61 - 132
1,1-Dichloroethene	25.0	19.7		ug/L		79	64 - 128
cis-1,2-Dichloroethene	25.0	23.0		ug/L		92	70 - 130
trans-1,2-Dichloroethene	25.0	22.1		ug/L		89	68 - 130
1,2-Dichloropropane	25.0	25.4		ug/L		101	70 - 130
cis-1,3-Dichloropropene	25.0	25.8		ug/L		103	70 - 130
trans-1,3-Dichloropropene	25.0	25.2		ug/L		101	70 - 140
Ethylbenzene	25.0	22.9		ug/L		91	80 - 120
Hexachlorobutadiene	25.0	25.6		ug/L		103	70 - 130
2-Hexanone	125	135		ug/L		108	60 - 164
Isopropylbenzene	25.0	25.3		ug/L		101	70 - 130
4-Isopropyltoluene	25.0	24.2		ug/L		97	70 - 130
Methylene Chloride	25.0	23.6		ug/L		94	70 - 147
4-Methyl-2-pentanone (MIBK)	125	135		ug/L		108	58 - 130
Naphthalene	25.0	27.6		ug/L		110	70 - 130
N-Propylbenzene	25.0	23.3		ug/L		93	70 - 130
Styrene	25.0	24.3		ug/L		97	70 - 130
1,1,1,2-Tetrachloroethane	25.0	25.0		ug/L		100	70 - 130
1,1,2,2-Tetrachloroethane	25.0	25.1		ug/L		101	70 - 130
Tetrachloroethene	25.0	24.7		ug/L		99	70 - 130
Toluene	25.0	22.5		ug/L		90	78 - 120
1,2,3-Trichlorobenzene	25.0	27.7		ug/L		111	70 - 130
1,2,4-Trichlorobenzene	25.0	28.1		ug/L		113	70 - 130
1,1,1-Trichloroethane	25.0	24.0		ug/L		96	70 - 130
1,1,2-Trichloroethane	25.0	27.0		ug/L		108	70 - 130
Trichloroethene	25.0	24.8		ug/L		99	70 - 130
Trichlorofluoromethane	25.0	25.3		ug/L		101	66 - 132
1,2,3-Trichloropropane	25.0	23.9		ug/L		96	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	21.6		ug/L		87	42 - 162
1,2,4-Trimethylbenzene	25.0	25.2		ug/L		101	70 - 132
1,3,5-Trimethylbenzene	25.0	24.2		ug/L		97	70 - 130
Vinyl acetate	25.0	30.8		ug/L		123	43 - 163
Vinyl chloride	25.0	20.7		ug/L		83	54 - 135
m-Xylene & p-Xylene	50.0	48.1		ug/L		96	70 - 142
o-Xylene	25.0	24.9		ug/L		100	70 - 130

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-143751/6
Matrix: Water
Analysis Batch: 143751

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
2,2-Dichloropropane			25.0	27.0		ug/L		108	70 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*96*		*72 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 720-143751/7
Matrix: Water
Analysis Batch: 143751

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether			25.0	24.2		ug/L		97	62 - 130	3	20
Acetone			125	119		ug/L		95	26 - 180	9	30
Benzene			25.0	22.9		ug/L		92	79 - 130	0	20
Dichlorobromomethane			25.0	24.0		ug/L		96	70 - 130	0	20
Bromobenzene			25.0	24.5		ug/L		98	70 - 130	2	20
Chlorobromomethane			25.0	24.2		ug/L		97	70 - 130	2	20
Bromoform			25.0	27.5		ug/L		110	68 - 136	3	20
Bromomethane			25.0	23.3		ug/L		93	43 - 151	1	20
2-Butanone (MEK)			125	126		ug/L		101	54 - 130	5	20
n-Butylbenzene			25.0	24.3		ug/L		97	70 - 142	1	20
sec-Butylbenzene			25.0	24.2		ug/L		97	70 - 134	2	20
tert-Butylbenzene			25.0	24.9		ug/L		100	70 - 135	3	20
Carbon disulfide			25.0	27.0		ug/L		108	58 - 130	1	20
Carbon tetrachloride			25.0	23.2		ug/L		93	70 - 146	1	20
Chlorobenzene			25.0	24.5		ug/L		98	70 - 130	1	20
Chloroethane			25.0	23.5		ug/L		94	62 - 138	1	20
Chloroform			25.0	23.6		ug/L		94	70 - 130	0	20
Chloromethane			25.0	20.3		ug/L		81	52 - 175	1	20
2-Chlorotoluene			25.0	24.3		ug/L		97	70 - 130	3	20
4-Chlorotoluene			25.0	23.7		ug/L		95	70 - 130	2	20
Chlorodibromomethane			25.0	26.6		ug/L		106	70 - 145	2	20
1,2-Dichlorobenzene			25.0	25.6		ug/L		103	70 - 130	1	20
1,3-Dichlorobenzene			25.0	25.8		ug/L		103	70 - 130	1	20
1,4-Dichlorobenzene			25.0	25.9		ug/L		104	70 - 130	1	20
1,3-Dichloropropane			25.0	25.1		ug/L		101	70 - 130	3	20
1,1-Dichloropropene			25.0	24.1		ug/L		96	70 - 130	0	20
1,2-Dibromo-3-Chloropropane			25.0	26.0		ug/L		104	70 - 136	5	20
Ethylene Dibromide			25.0	26.1		ug/L		105	70 - 130	4	20
Dibromomethane			25.0	24.2		ug/L		97	70 - 130	4	20
Dichlorodifluoromethane			25.0	17.3		ug/L		69	34 - 132	2	20
1,1-Dichloroethane			25.0	22.4		ug/L		89	70 - 130	0	20
1,2-Dichloroethane			25.0	23.2		ug/L		93	61 - 132	2	20
1,1-Dichloroethene			25.0	19.6		ug/L		79	64 - 128	0	20
cis-1,2-Dichloroethene			25.0	23.0		ug/L		92	70 - 130	0	20
trans-1,2-Dichloroethene			25.0	21.9		ug/L		88	68 - 130	1	20
1,2-Dichloropropane			25.0	25.2		ug/L		101	70 - 130	1	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-143751/7
Matrix: Water
Analysis Batch: 143751

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	25.0	25.5		ug/L		102	70 - 130	1	20
trans-1,3-Dichloropropene	25.0	24.5		ug/L		98	70 - 140	3	20
Ethylbenzene	25.0	22.9		ug/L		92	80 - 120	0	20
Hexachlorobutadiene	25.0	26.1		ug/L		105	70 - 130	2	20
2-Hexanone	125	123		ug/L		99	60 - 164	9	20
Isopropylbenzene	25.0	25.4		ug/L		101	70 - 130	0	20
4-Isopropyltoluene	25.0	24.4		ug/L		98	70 - 130	1	20
Methylene Chloride	25.0	23.6		ug/L		94	70 - 147	0	20
4-Methyl-2-pentanone (MIBK)	125	125		ug/L		100	58 - 130	8	20
Naphthalene	25.0	26.8		ug/L		107	70 - 130	3	20
N-Propylbenzene	25.0	24.0		ug/L		96	70 - 130	3	20
Styrene	25.0	24.1		ug/L		96	70 - 130	1	20
1,1,1,2-Tetrachloroethane	25.0	25.0		ug/L		100	70 - 130	0	20
1,1,2,2-Tetrachloroethane	25.0	24.3		ug/L		97	70 - 130	3	20
Tetrachloroethene	25.0	24.8		ug/L		99	70 - 130	1	20
Toluene	25.0	22.6		ug/L		90	78 - 120	0	20
1,2,3-Trichlorobenzene	25.0	27.3		ug/L		109	70 - 130	1	20
1,2,4-Trichlorobenzene	25.0	27.9		ug/L		111	70 - 130	1	20
1,1,1-Trichloroethane	25.0	24.3		ug/L		97	70 - 130	1	20
1,1,2-Trichloroethane	25.0	26.0		ug/L		104	70 - 130	4	20
Trichloroethene	25.0	24.7		ug/L		99	70 - 130	0	20
Trichlorofluoromethane	25.0	25.6		ug/L		102	66 - 132	1	20
1,2,3-Trichloropropane	25.0	23.6		ug/L		94	70 - 130	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	21.5		ug/L		86	42 - 162	1	20
1,2,4-Trimethylbenzene	25.0	25.6		ug/L		103	70 - 132	2	20
1,3,5-Trimethylbenzene	25.0	24.9		ug/L		100	70 - 130	3	20
Vinyl acetate	25.0	28.9		ug/L		116	43 - 163	6	20
Vinyl chloride	25.0	20.9		ug/L		83	54 - 135	1	20
m-Xylene & p-Xylene	50.0	47.9		ug/L		96	70 - 142	1	20
o-Xylene	25.0	25.0		ug/L		100	70 - 130	0	20
2,2-Dichloropropane	25.0	27.2		ug/L		109	70 - 140	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*95*		*72 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 720-143909/1-A
Matrix: Water
Analysis Batch: 143899

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 143909

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		09/10/13 08:01	09/10/13 21:16	1
Motor Oil Range Organics [C24-C36]	ND		99		ug/L		09/10/13 08:01	09/10/13 21:16	1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 720-143909/1-A
Matrix: Water
Analysis Batch: 143899

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 143909

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	90		23 - 156	09/10/13 08:01	09/10/13 21:16	1

Lab Sample ID: LCS 720-143909/2-A
Matrix: Water
Analysis Batch: 143899

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 143909

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	2500	1750		ug/L		70	40 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
p-Terphenyl	93		23 - 156

Lab Sample ID: LCSD 720-143909/3-A
Matrix: Water
Analysis Batch: 143899

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 143909

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	2500	1760		ug/L		70	40 - 150	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
p-Terphenyl	93		23 - 156

QC Association Summary

Client: Adanta, Inc
Project/Site: Ambassador

TestAmerica Job ID: 720-52117-1

GC/MS VOA

Analysis Batch: 143751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-52117-1	EW1-1	Total/NA	Water	8260B/CA_LUFT MS	
720-52117-2	EW1-2	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-143751/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-143751/7	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-143751/5	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

GC Semi VOA

Analysis Batch: 143899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-52117-1	EW1-1	Total/NA	Water	8015B	143909
720-52117-2	EW1-2	Total/NA	Water	8015B	143909
LCS 720-143909/2-A	Lab Control Sample	Total/NA	Water	8015B	143909
LCSD 720-143909/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	143909
MB 720-143909/1-A	Method Blank	Total/NA	Water	8015B	143909

Prep Batch: 143909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-52117-1	EW1-1	Total/NA	Water	3510C	
720-52117-2	EW1-2	Total/NA	Water	3510C	
LCS 720-143909/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-143909/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 720-143909/1-A	Method Blank	Total/NA	Water	3510C	

Lab Chronicle

Client: Adanta, Inc
Project/Site: Ambassador

TestAmerica Job ID: 720-52117-1

Client Sample ID: EW1-1

Lab Sample ID: 720-52117-1

Date Collected: 09/04/13 14:15

Matrix: Water

Date Received: 09/05/13 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	143751	09/07/13 00:31	ASC	TAL PLS
Total/NA	Prep	3510C			143909	09/10/13 08:01	MRP	TAL PLS
Total/NA	Analysis	8015B		1	143899	09/10/13 15:51	DCH	TAL PLS

Client Sample ID: EW1-2

Lab Sample ID: 720-52117-2

Date Collected: 09/04/13 17:15

Matrix: Water

Date Received: 09/05/13 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	143751	09/07/13 00:59	ASC	TAL PLS
Total/NA	Prep	3510C			143909	09/10/13 08:01	MRP	TAL PLS
Total/NA	Analysis	8015B		1	143899	09/10/13 16:15	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: Adanta, Inc
Project/Site: Ambassador

TestAmerica Job ID: 720-52117-1

Laboratory: TestAmerica Pleasanton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-14

Method Summary

Client: Adanta, Inc
Project/Site: Ambassador

TestAmerica Job ID: 720-52117-1

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFTMS	8260B / CA LUFT MS	SW846	TAL PLS
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Sample Summary

Client: Adanta, Inc
Project/Site: Ambassador

TestAmerica Job ID: 720-52117-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-52117-1	EW1-1	Water	09/04/13 14:15	09/05/13 12:00
720-52117-2	EW1-2	Water	09/04/13 17:15	09/05/13 12:00

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TESTAMERICA Pleasanton Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756
Phone: (925) 484-1919 • Fax: (925) 600-3002

720-52117

Reference #: Dimple Sharma 148410

Date 9/5/13 Page 1 of 1

9/11/2013

Report To

Attn: ~~Adonta~~ Nick Patz
Company Adonta
Address: nick.patz@adonta-inc.com
Email alvaro_dominguez@live.com
Bill To. Adonta
Sampled By: Alvaro
Attn.
Phone:

Analysis Request

Sample ID	Date	Time	Matrix	Preserv	Volatile Organics GC/MS (VOCs) ☐ EPA 8260B	HVOCs by ☐ EPA 8260B	EPA 8260B: ☐ Gas ☐ BTEX ☐ 5 Oxygenates ☐ DCA, EDB ☐ Ethanol	TEPH EPA 8015B ☐ Silica Gel ☐ Diesel ☐ Motor Oil ☐ Other ___	SemiVolatile Organics GC/MS ☐ EPA 8270C	PNA/PAH's by ☐ 8270C ☐ 8270C SIM	Oil and Grease (EPA 1664/9071) ☐ Petroleum ☐ Total	Pesticides PCBs ☐ EPA 8081 ☐ EPA 8082	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☐ 6010B ☐ 200.7 ☐ Lead ☐ LUFT ☐ RCRA ☐ Other: ___	Metals: ☐ 6020 ☐ 200.8 (ICP-MS): ___	☐ W.E.T (STLC) ☐ W.E.T (DI) ☐ TCLP	Hex. Chrom by ☐ EPA 7196 ☐ or EPA 7199	pH ☐ 9040 ☐ SM4500	☐ Spec. Cond. ☐ Alkalinity ☐ TSS ☐ SS ☐ TDS	Anions ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4	☐ Perchlorate by EPA 314.0	COD ☐ EPA 410.4 ☐ SM5220D ☐ Turbidity	VOC 4 Naphthalene		Number of Containers
EW1-1	9/4/13	2'5	W	—				X																		3
EW1-1		2'5	W	Hcl		X																		X		3
~~EW1-2~~		5'5																								
EW1-2		5'5						X																		
EW1-2		5'5		Hcl		X																		X		3
																										2

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Project Info

Project Name/ #: Emeryville Ambassador Laundry
PO#:

Sample Receipt

of Containers:
Head Space:
Temp: 13°C
Credit Card Y/N. If yes, please call with payment information ASAP

TAT: 10 Day | 5 Day | 4 Day | 3 Day | 2 Day | 1 Day | Other:

Report: ☐ Routine ☐ Level 3 ☐ Level 4 ☐ EDD ☐ EDF
Special Instructions / Comments ☐ Global ID ___

See Terms and Conditions on reverse

1) Relinquished by: Alvaro Dominguez 12 noon
Signature Time
Alvaro Dominguez 9/5/13
Printed Name Date
Adonta
Company

2) Relinquished by:
Signature
Printed Name
Company

3) Relinquished by:
Time
Date
Company

720-52117 Chain of Custody

1) Received by:
Signature Time
Printed Name 9-5-13
Date
Company

2) Received by:
Signature Time
Printed Name Date
Company

3) Received by
Signature Time
Printed Name Date
Company

Rev.10/2012

Login Sample Receipt Checklist

Client: Adanta, Inc

Job Number: 720-52117-1

Login Number: 52117

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Gonzales, Justinn

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	