

US EPA ARCHIVE DOCUMENT

**Appendix A.4. - Groundwater Sample Chain-of-Custody
Forms**

Chain of Custody Record

No 1604

REC'D JUL 22 2013

13-07147

Eberline Services
601 Scarboro Road
Oak Ridge, TN 37830
(865) 481-0683 Phone • (865) 483-4621 Fax



Project Name: <u>West Lake 0-1</u>	Project Number:
Send Report To: <u>Paul Postico</u>	Sampler (Print Name):
Address: <u>7220 W. Jefferson Ave</u>	Sampler (Print Name):
<u>Suite 406</u>	Shipment Method: <u>Carrier</u>
<u>Lakewood, Co 80035</u>	Airbill Number:
Phone:	Laboratory Receiving:
Fax:	

Analysis Requested
 D53 U-286 U-285 U-284
 D53 RA-206 RA-208
 Tot U-285 232, 230, 228
 Tot RA-206 235, 237
 Tot Ther- 232, 230, 228

Page 1 of 3
 ① samples re-preserved at ALC3
 Purchase Order #:

Field Sample ID	Sample Date	Sample Time	Sample Matrix	Number of Containers	Analysis Requested										Comments, Special Instructions, etc.	Lab Sample ID (to be completed by lab)		
PZ-105-SS	7/12/13	0942	Aqueous	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	①	
PZ-114-AS	7/12/13	1056	↑	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	↑	
I-66	7/15/13	1044	↑	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
MW-102	↑	1110	↑	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
MW-103	↑	1144	↑	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
PZ-303-AS	↑	1220	↑	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
I-11	↑	1312	↑	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
S-10	↑	1405	↑	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
FB@ D-12	↑	1430	↑	1							✓	✓	✓	✓	✓	✓		
D-12 4.5	↓	1527	↓	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		× 3rd container is Total. Eyr 07/23/13
DJP 05 6.7	7/15/13	N/A	↓	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
PZ-209-SS 8.9	7/16/13	0925	↓	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
PZ-301-AI 10.11	↑	1205	↓	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
PZ-301-AS 12.13	↑	1234	↓	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
MW-104 14.15	↑	1325	↓	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
PZ-204A-SS 16.17	↓	1356	↓	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
PZ-302-AI 18.19	7/16/13	1510	Aqueous	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	①	

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:	Sample Custodian Remarks (Completed By Laboratory):			
	<u>First Capital Courier</u>	<u>7/22/13</u>	<u>0800</u>	QA/QC Level	Turnaround	Sample Receipt	
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:	Level I <input type="checkbox"/>	Routine <input type="checkbox"/>	Total # Containers Received?	
	<u>K Bannister</u>	<u>7/22/13</u>	<u>1715</u>	Level II <input type="checkbox"/>	24 Hour <input type="checkbox"/>	COC Seals Present?	
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:	Level III <input type="checkbox"/>	1 Week <input type="checkbox"/>	COC Seals Intact?	
				Other <input type="checkbox"/>	Other _____	Received Containers Intact?	
						Temperature?	

0005

13-07153

REC'D JUL 22 2013

Chain of Custody Record

No 1604

Eberline Services
601 Scarboro Road
Oak Ridge, TN 37830
(865) 481-0683 Phone • (865) 483-4621 Fax



Project Name: <u>West Lake 0-1</u>	Project Number:
Send Report To: <u>Paul Rootsoo</u>	Sampler (Print Name):
Address: <u>7220 W. Johnson Ave</u>	Sampler (Print Name):
<u>Site 406</u>	Shipment Method: <u>Carrier</u>
<u>Wentwood, Co 80035</u>	Airbill Number:
Phone:	Laboratory Receiving:
Fax:	

Analysis Requested
Diss U-386 U-385 U-384
Diss RA-206 Hk-208
Tot Ther 232, 230, 208
Tot RA-206, 235, 237
Tot Ther - 232, 230, 208

Page 2 of 3
①
Samples preserved w/
AUC₃
Purchase Order #:

Field Sample ID	Sample Date	Sample Time	Sample Matrix	Number of Containers	Analysis Requested						Comments, Special Instructions, etc.	Lab Sample ID (to be completed by lab)
PZ-302-AS	7/16/13	1530	Aqueous	2	✓	✓	✓	✓	✓	✓	①	
LR-100	7/17/13	1023	↑	2	✓	✓	✓	✓	✓	✓	↑	
D-01	↑	1043		3	✓	✓	✓	✓	✓	✓		
PZ-201-SS		1140		2	✓	✓	✓	✓	✓	✓		
LR-103		1215		2	✓	✓	✓	✓	✓	✓		
PZ-111-KS		1309		2	✓	✓	✓	✓	✓	✓		
PZ-203-SS		1350		3	✓	✓	✓	✓	✓	✓		
D-07	↓	1411		2	✓	✓	✓	✓	✓	✓		
DJP 06	7/17/13	N/A		2	✓	✓	✓	✓	✓	✓		
Blank S-53	7/18/13	0730		2	✓	✓	✓	✓	✓	✓		
D-14	↑	0930		2	✓	✓	✓	✓	✓	✓		
PZ-205-AS		0946		2	✓	✓	✓	✓	✓	✓		
I-65		1059		2	✓	✓	✓	✓	✓	✓		
D-13		1219		2	✓	✓	✓	✓	✓	✓		
PZ-104-KS 4.5		1301		2	✓	✓	✓	✓	✓	✓		
PZ-200-SS 6.7		1335	↓	3	✓	✓	✓	✓	✓	✓	↓	* 3rd container is
PZ-207-AS 8.9	7/18/13	1432	Aqueous	2	✓	✓	✓	✓	✓	✓	①	TOTAL. 8/10/2013

Relinquished by: (Signature) 	Received by: (Signature) First Capital Center	Date: 7/22/13	Time: 0900	Sample Custodian Remarks (Completed By Laboratory):			
Relinquished by: (Signature) 	Received by: (Signature) K. Bannister	Date: 7/22/13	Time: 1715	QA/QC Level	Turnaround	Sample Receipt	
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:	Level I <input type="checkbox"/>	Routine <input type="checkbox"/>	Total # Containers Received?	
				Level II <input type="checkbox"/>	24 Hour <input type="checkbox"/>	COC Seals Present?	
				Level III <input type="checkbox"/>	1 Week <input type="checkbox"/>	COC Seals Intact?	
				Other <input type="checkbox"/>	Other _____	Received Containers Intact?	
						Temperature?	

13-07153

REC'D JUL 22 2013

Chain of Custody Record

No 1604

Eberline Services
601 Scarboro Road
Oak Ridge, TN 37830
(865) 481-0683 Phone • (865) 483-4621 Fax



Project Name: <u>West Lake Out</u>	Project Number:
Send Report To: <u>Paul Rostica</u>	Sampler (Print Name):
Address: <u>7220 W. Johnson Ave</u>	Sampler (Print Name):
<u>Suite 406</u>	Shipment Method: <u>Carrier</u>
<u>Lakewood, Co 80035</u>	Airbill Number:
Phone:	Laboratory Receiving:
Fax:	

Analysis Requested
 Diss U-235 U-238 U-234
 Diss R-226 R-228
 Tot Th-232 U-235 U-238
 Tot PA-235 237 237
 Tot Th-232 232

Page 3 of 3
 ① samples preserved w/ ANO₃
 Purchase Order #: _____

Field Sample ID	Sample Date	Sample Time	Sample Matrix	Number of Containers	Analysis Requested	Comments, Special Instructions, etc.	Lab Sample ID (to be completed by lab)
DJP 07	10, 11	7/18/13	N/A	2	✓	①	
FBO I-73	12	7/19/13	0850	1	✓	↑	
T-73	13, 14	↑	0855	2	✓		
P2-103-SS	15, 16	↑	0945	2	✓		
P2-102L-SS	17, 18	↑	1015	2	✓		
P2-200-SS		↑	1019	2	✓		
P2-102-SS		↑	1030	2	✓		
P2-107-SS		↑	1240	3	✓		
P2-106-KS		↑	1309	2	✓		
DJP 08		7/19/13	N/A	2	✓	↓	
			↓			①	

Relinquished by: (Signature) 	Received by: (Signature) <u>First Capital Carrier</u>	Date: <u>7/22/13</u>	Time: <u>0800</u>	Sample Custodian Remarks (Completed By Laboratory): QA/QC Level Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> Other <input type="checkbox"/> Turnaround Routine <input type="checkbox"/> 24 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> Other _____
Relinquished by: (Signature) 	Received by: (Signature) <u>K. Bannister</u>	Date: <u>7/22/13</u>	Time: <u>1715</u>	
Relinquished by: (Signature) 	Received by: (Signature)	Date:	Time:	

Sample Receipt	
Total # Containers Received?	
COC Seals Present?	
COC Seals Intact?	
Received Containers Intact?	
Temperature?	

13-07154

REC'D JUL 22 2013

Chain of Custody Record

No 1604

Eberline Services
601 Scarboro Road
Oak Ridge, TN 37830
(865) 481-0683 Phone • (865) 483-4621 Fax



Project Name: <u>West Lake 07</u>	Project Number:	Analysis Requested D53 U-386 U-385 U-384 D53 RA-206 RA-208 Diss Ther 23A, 23B, 23C, 23D Tot U-385 235, 237 Tot RA-206, 208 Tot Ther-23A, 23B, 23C, 23D	Page <u>3</u> of <u>3</u>
Send Report To: <u>Paul Rostico</u>	Sampler (Print Name):		① samples re-preserved w/ AUC ₃
Address: <u>720 W. Johnson Ave</u>	Sampler (Print Name):		
<u>Suite 406</u>	Shipment Method: <u>Carrier</u>		Purchase Order #:
<u>Lakewood, CO 80035</u>	Airbill Number:		
Phone:	Laboratory Receiving:		
Fax:			

Field Sample ID	Sample Date	Sample Time	Sample Matrix	Number of Containers	Analysis Requested	Comments, Special Instructions, etc.	Lab Sample ID (to be completed by lab)
DJP 07	7/19/13	N/A	Aqueous	2	✓ ✓ ✓ ✓ ✓ ✓	①	
FB0 I-73	7/19/13	0850	↑	1	✓ ✓ ✓ ✓ ✓ ✓	↑	
I-73		0855		2	✓ ✓ ✓ ✓ ✓ ✓		
P2-103-SS		0945		2	✓ ✓ ✓ ✓ ✓ ✓		
P2-102L-SS		1015		2	✓ ✓ ✓ ✓ ✓ ✓		
P2-200-SS 4.5		1019		2	✓ ✓ ✓ ✓ ✓ ✓		
P2-102-SS 6.7		1030		2	✓ ✓ ✓ ✓ ✓ ✓		
P2-107-SS 8.9		1210		3	✓ ✓ ✓ ✓ ✓ ✓		
P2-106-KS 10.11		1309		2	✓ ✓ ✓ ✓ ✓ ✓		* 3rd container is TOTAL 8/10/13
DJP 08 12.13	7/19/13	N/A		2	✓ ✓ ✓ ✓ ✓ ✓		
			↓ Aqueous			①	

Relinquished by: (Signature) 	Received by: (Signature) <u>First Capital Carrier</u>	Date: <u>7/22/13</u>	Time: <u>0800</u>	Sample Custodian Remarks (Completed By Laboratory):			
Relinquished by: (Signature) 	Received by: (Signature) <u>K. Bannister</u>	Date: <u>7/22/13</u>	Time: <u>1715</u>	QA/QC Level	Turnaround	Sample Receipt	
Relinquished by: (Signature) 	Received by: (Signature)	Date:	Time:	Level I <input type="checkbox"/>	Routine <input type="checkbox"/>	Total # Containers Received?	
				Level II <input type="checkbox"/>	24 Hour <input type="checkbox"/>	COC Seals Present?	
				Level III <input type="checkbox"/>	1 Week <input type="checkbox"/>	COC Seals Intact?	
				Other <input type="checkbox"/>	Other _____	Received Containers Intact?	
						Temperature?	

Job # 2937

TestAmerica

Chain of Custody Record

TestAmerica St. Louis
13715 Rider Trail North
Earth City, MO 63045
Phone (314) 298-6566 Fax (314) 258-8757

Client Information		Sampler	Lab P/N	Carrier Tracking Note		COC No				
Client Contact: Mr. Paul Rossasco Engineering Management Support, Inc. Address: 7220 W. Jefferson AVE Suite 406 City: Lakewood State: Zn CO: 80235 Phone: Email: paulrossasco@amsidmwr.com Project Name: West Lake Landfill- July SIC:		Hest & Associates, Inc. Phone: 636-939-9111	Rhonda E E-Mail: rhonda_ridenower@testamericainc.com			160-499-253.1				
Due Date Requested:		Analysis Requested		Total Number of Containers						
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=Soil, O=Organic, I=Inorganic)	Field Filtered Sample (Yes or No)	From MB/MD (Yes or No)	3.0.1 - Alkalinity-310	3.0.2 - VOA	8.0.0 - Standard List	Special Instructions/Note:
P2-111-5D	7/19/13	1042	G	Water	X	X	X	X	X	
S-5*	↑	1050	G	Water	X	X	X	X	X	
FB @ P2-110-55		1140	G	Water				X		7 *VOAs after vessel, sent to preserve
P2-110-55		1213	G	Water	X	X	X	X	X	
I-4		1225	G	Water	X	X	X	X	X	
P2-100-55		1336	G	Water	X	X	X	X	X	
D-3		1342	G	Water	X	X	X	X	X	
P2-100-5D		1432	G	Water	X	X	X	X	X	
P2-112-AS		1446	G	Water	X	X	X	X	X	
Duplicate OI		-	G	Water	X	X	X	X	X	
Trip Blank		-	G	Water	X	X	X	X	X	
	7/19/13									3

Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological
 Deliverable Requested: I, II, III, IV, Other (specify) _____
 Empty Kit Reacquired by: _____ Date: _____
 Requisitioned by: *Matt & Terry* Date: 7/19/13 Time: 0800 Company: _____
 Requisitioned by: *Paul Rossasco* Date: 7/20/13 Time: 0827 Company: _____
 Requisitioned by: _____ Date: _____ Time: _____ Company: _____
 Custody Seals Intact: Yes No
 Cooler Temperature: _____ °C and Other Remarks: _____

Job # 2968

TestAmerica

TestAmerica St. Louis
 13715 Rider Trail North
 Earth City, MO 63045
 Phone (314) 298-8566 Fax (314) 298-8757

Chain of Custody Record

Client Information		Lab PM:		Carrier Tracking No(s):	
Client Contact: Herst & Associates, Inc.		Ridenhower, Rhonda E			
Phone: 636-939-9111		E-Mail: rhonda.ridenhower@testamericainc.com			
Company: Engineering Management Support, Inc.					
Address: 7220 W. Jefferson AVE Suite 406					
City: Lakewood					
State/Zip: CO 80235					
Phone: 					
Email: paulrosasco@emsidenver.com					
Project Name: West Lake Landfill July					
Project #: 16002280					
SIC: 					

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix (see matrix preservation codes)	Field Filtered Sample (Yes or No)		300 - Anions		310 - Alkalinity-310		8200C - Standard List		Total Number of Containers	Special Instructions/Note:
					Preservation Code:	Preservation Code:	N	D	A	A	N	D		
P2-113-SS	7/11/13	0850	G	Water	X	X	X	X	X	X	X	X	7	
P2-104-SS	↑	0937	G	Water	X	X	X	X	X	X	X	X	7	
P2-101-SS		0940	G	Water	X	X	X	X	X	X	X	X	7	
P2-104-SD		1029	G	Water	X	X	X	X	X	X	X	X	7	
FB @ P2-202-SS		1200	G	Water	X	X	X	X	X	X	X	X	3	
P2-202-SS		1232	G	Water	X	X	X	X	X	X	X	X	10	
D-83		1305	G	Water	X	X	X	X	X	X	X	X	7	
MW-1204		1412	G	Water	X	X	X	X	X	X	X	X	7	
S-82		1432	G	Water	X	X	X	X	X	X	X	X	7	
P2-116-SS	↓	1505	G	Water	X	X	X	X	X	X	X	X	7	
D-93	7/11/13	1540	G	Water	X	X	X	X	X	X	X	X	7	

Preservation Codes:
 A - HCL
 B - NaOH
 C - Zn Acetate
 D - Nitric Acid
 E - NaHSO4
 F - MeOH
 G - Ammonia
 H - Ascorbic Acid
 I - Ice
 J - DI Water
 K - EDTA
 L - BDA
 Other: _____

Matrix (see matrix preservation codes):
 M - HCL
 N - None
 O - As/AsO2
 P - Na2CO3
 Q - Na2SO3
 R - Na2S2O3
 S - H2SO4
 T - 1% Dioxosulfate
 U - Acetone
 V - MCAA
 W - ph 4.5
 Z - other (specify) _____

Special Instructions/Note: **Discard 600C, 7470A**

Analysis Requested: **8200C - VOA**

Field Filtered Sample (Yes or No): **8200C - VOA**

300 - Anions: **8610C, 7470A**

310 - Alkalinity-310: **8610C, 7470A**

8200C - Standard List: **8200C - VOA**

Special Instructions/Note: **Total Number of Containers**

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

Deliverable Requested: I, II, III, IV, Other (specify) _____

Empty Kit Relinquished by: _____

Relinquished by: **Matt Steward**

Relinquished by: **Paul Rosasco**

Relinquished by: _____

Custody Seals Intact: **A Yes Δ No**

Company: **Engineering Management Support, Inc.**

Date: **7/12/13 0745**

Date: **7/12/13 0815**

Date: **7/12/13/0815**

Company: **Engineering Management Support, Inc.**

Company: **Engineering Management Support, Inc.**

Company: **Engineering Management Support, Inc.**

Method of Shipment: _____

Disposal By: **Archive For**

Months: _____

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

TestAmerica St. Louis
 13715 Rider Trail North
 Earth City, MO 63045
 Phone (314) 298-8566 Fax (314) 298-8757

Chain of Custody Record

TestAmerica

Client Information Client Contact: Mr. Paul Rosasco Company: Engineering Management Support, Inc. Address: 7220 W. Jefferson AVE Suite 406 City: Lakewood State, Zip: CO, 80235 Phone: _____ Email: paulrosasco@emsidever.com Project Name: West Lake Landfill- July Site: _____		Lab PM: Ridenhower, Rhonda E E-Mail: rhonda.ridenhower@testamericainc.com Phone: 636-939-9111 Fax: 636-939-9111		Camer Tracking No(s): _____ COC NO: 160-499-253.1 Page: Page 1 of 10 Job #: _____			
Due Date Requested: _____ TAT Requested (days): _____ PO #: _____ Purchase Order not required WO #: _____ Project #: 16002280 SSOW#: _____		Analysis Requested					
Sample Identification S-8 P2-105-S3 I-62 P2-114-A3 D-6 S-61 I-67 I-68 Duplicate 04 Trip Blank		Sample Date 7/12/13 7/12/13 7/12/13 7/12/13 7/12/13 7/12/13 7/12/13 7/12/13 7/12/13 7/12/13		Sample Time 0923 0942 0956 1056 1135 1202 1333 1435 — —		Matrix (W=Water, S=Soil, O=Organic, A=Asbestos, J=Jelly) Preservation Code: Water Water Water Water Water Water Water Water Water Water Water	
Field Filled Sample (Yes or No) <input checked="" type="checkbox"/>		Pattern MS/MSD (Yes or No) <input checked="" type="checkbox"/>		310.1 - Alkalinity - 310.0 300 - Anions- 80100, 7470A 82600 - VOA 82600 - Standard List Discard - COCC, 7470A		Total Number of Containers 7 7 7 7 7 7 7 7 7 3	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input checked="" type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Empty Kit Relinquished by: _____ Relinquished by: Matt Stump Relinquished by: _____ Relinquished by: _____		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months		Special Instructions/Note: _____ _____ _____	
Deliverable Requested: I, II, III, IV, Other (specify) _____		Date: 7/12/13 1525 Date: 7/12/13 1535 Date: _____		Method of Shipment: _____		Company: _____ Company: _____ Company: _____	
Custody Seal No.: _____ Δ Yes Δ No		Cooler Temperature(s) °C and Other Remarks: _____					

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TestAmerica

TestAmerica St. Louis
13715 Rider Trail North
Earth City, MO 63045
Phone (314) 298-8566 Fax (314) 298-8757

Chain of Custody Record

Client Information Client Contact: Mr. Paul Rosasco Company: Engineering Management Support, Inc. Address: 7220 W. Jefferson AVE Suite 406 City: Lakeswood State, Zip: CO, 80235 Phone: Email: paulrosasco@emsideer.com Project Name: West Lake Landfill- July SAc:		Lab Pk# Ridenhower, Rhonda E E-Mail: rhonda_ridenhower@testamericainc.com		Counter Tracking Note(s):		COC No. 160-499-253.1 Page: Page 1 of 10 Job #	
Due Date Requested: TAT Requested (days): PO #: Purchase Order not required WO #: Project #: 16002280 SSSOW#:		Analysis Requested 310.1 - Alkalinity- 310.0 300 - Anions- 80100, 7470A 82800 - VOA 82800 - Standard List Discard COC, 7470A		Preservation Codes: A - HCl B - NaOH C - Zn Acetate D - Nitric Acid E - NH4SO4 F - HNO3 G - Amidator H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - BUA Other:		Special Instructions/Note: Total Number of Containers: 7 7 7 7 7 7 7 10 7 3	
Sample Date Sample Time Sample Date Sample Time Sample Date Sample Time Sample Date Sample Time		Matrix (W=water, S=solid, C=comp, D=dumpeval, I=ice, T=ice, A=acid) Preservation Code: Water Water Water Water Water Water Water Water Water Water Water		Field Filtered Sample (Yes or No) X X X X X X X X X X X X		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify)		Empty Kit Relinquished by: Relinquished by: Matt J. Rosasco Relinquished by: Paul Rosasco Relinquished by:		Date: 7/16/13 Date: 7/16/13 Date:		Company: 0740 Company: 0830 Company:	
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Custy Seal No.:		Cooler Temperature: °C and Other Remarks:		Method of Shipment:		Company:	

Chain of Custody Record

TestAmerica St. Louis
 13715 Rider Trail North
 Earth City, MO 63045
 Phone (314) 298-8566 Fax (314) 298-8757

Client Information
 Client Contact: Mr. Paul Rosasco
 Company: Engineering Management Support, Inc.
 Address: 7220 W. Jefferson AVE Suite 406
 City: Lakewood
 State, Zip: CO, 80235
 Phone: 303-999-9111
 Email: paulrosasco@emstidmwr.com
 Project Name: West Lake Landfill- July
 SSSOW#: 16002280

Sample Information
 Lab P/N: Herst & Associates, Inc.
 Lab P/N: 636-999-9111
 Client Tracking No(s): Discard - COC, 7470A

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Water, Spill, Other)	Field Filled Sample (Yes or No)		310 - Alkalinity - 310		300 - Arsenic		60100 - TAOA		82000 - VOA		82000 - Standard List		Total Number of Containers	Special Instructions/Note:
					Form	M/MSD (Yes or No)	N	D	A	N	D	A	N	D	A	N		
S-53	7/18/13	0730	G	Water	X	X	X	X	X	X	X	X	X	X	X	X	7	* VOAs offensed;
D-14 *	7/18/13	0730	G	Water	X	X	X	X	X	X	X	X	X	X	X	X	7	Sent unprocessed
P2-205-AS *	7/18/13	0946	G	Water	X	X	X	X	X	X	X	X	X	X	X	X	7	
I-65	7/18/13	1059	G	Water	X	X	X	X	X	X	X	X	X	X	X	X	7	
D-13	7/18/13	1219	G	Water	X	X	X	X	X	X	X	X	X	X	X	X	7	
P2-104-KS	7/18/13	1301	G	Water	X	X	X	X	X	X	X	X	X	X	X	X	7	
P2-206-SS	7/18/13	1335	G	Water	X	X	X	X	X	X	X	X	X	X	X	X	7	
P2-207-AS *	7/18/13	1432	G	Water	X	X	X	X	X	X	X	X	X	X	X	X	7	
Duplicate 07	7/18/13	-	G	Water	X	X	X	X	X	X	X	X	X	X	X	X	7	
Trip blank	7/18/13	-	G	Water	X	X	X	X	X	X	X	X	X	X	X	X	3	

Preservation Codes:
 A - HCl
 B - NaOH
 C - Zn Acetate
 D - Nitric Acid
 E - NH4SO4
 F - NaOH
 G - Ammonia
 H - Ascorbic Acid
 I - Ice
 J - DI Water
 K - EDTA
 L - BUA
 Other:
 M - H2O2
 N - None
 O - As2O3
 P - Na2SO4
 Q - Na2SO3
 R - Na2S2O3
 S - H2SO4
 T - 15% Dodecylsulfate
 U - Acetone
 V - MeOH
 W - ph 4.5
 Z - other (specify)

Special Instructions/Note:
 * VOAs offensed; Sent unprocessed

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

Special Instructions/OC Requirements:
 Method of Shipment: _____
 Date Rec'd: 7/19/13
 Date Time Rec'd: 7:19.13/0810
 Date Time Rec'd: ASK
 Company: 0730
 Company: ASK
 Company: _____

Chain of Custody:
 Received by: Paul Rosasco
 Received by: Paul Rosasco
 Received by: _____
 Date: 7/19/13
 Date: 7/19/13
 Date: _____
 Company: 0730
 Company: 0810
 Company: _____

Possible Hazard Identification
 Non-Hazard
 Flammable
 Skin Irritant
 Unknown
 Radioisotopic
 Poison
 Other (specify): _____

Empty Kit Reinquished by:
 Reinquished by: Paul Rosasco
 Reinquished by: Paul Rosasco
 Reinquished by: _____
 Date: 7/19/13
 Date: 7/19/13
 Date: _____
 Company: 0730
 Company: 0810
 Company: _____

Custody Seal No.:
 A Yes Δ No
 Custody Seal Intact: _____

TestAmerica St. Louis
 13715 Rider Trail North
 Earth City, MO 63045
 Phone (314) 298-9566 Fax (314) 298-8757

Chain of Custody Record

TestAmerica
13715 Rider Trail North Earth City, MO 63045

Client Information Client Contact: Mr. Paul Rosasco Company: Engineering Management Support, Inc. Address: 7220 W. Jefferson AVE Suite 406 City: Lakewood State, Zip: CO, 80235 Phone: Email: paulrosasco@emsidevent.com Project Name: West Lake Landfill- July Site:		Lab PM: Ridenhower, Rhonda E E-Mail: rhonda.ridenhower@testamericainc.com Phone: 626-939-9111 Project #: 16002280 SSSOW#:		Carrier Tracking No(s): COC No: 160-499-253.1 Page: Page 1 of 10 Job #:																							
Due Date Requested: TAT Requested (days): PO #: Purchase Order not required WO #:		Analysis Requested																									
Sample Identification Field Blank @ I-73 * PZ-103-SS * PZ-102R-SS PZ-200-SS PZ-102-SS PZ-107-SS * PZ-106-KS Duplicate 09 * Trip Blank		Sample Date 7/19/13 7/19/13 7/19/13 7/19/13 7/19/13 7/19/13 7/19/13		Sample Time 0850 0855 0945 1015 1019 1030 1210 1309 — — 7/19/13		Matrix (Water, Soil, Other) Water Water Water Water Water Water Water Water Water Water		Sample Type (C=Comp, G=Grab) G G G G G G G G G G		Preservation Code: 6 6 6 6 6 6 6 6 6 6		Field Filtered Sample (Yes or No) X X X X X X X X X X X		Pattern (MS/MSD (Y or No)) X X X X X X X X X X X		310.1 - Alkalinity-310.0 N N N N N N N N N N N		60100, 7470A X X X X X X X X X X X		8280C - VOA X X X X X X X X X X X		8280C - Standard List X X X X X X X X X X X		Total Number of Containers 3 * VOAs effervesced; 10 sent up preserved 7 7 7 7 7 7 3		Special Instructions/Note: M - Hexane N - None O - AshRaO2 P - Na2O4S Q - Na2SO3 R - NaHSO4 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - NCAAA W - ph 4-5 Z - other (specify)	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Deliverable Requested: I, II, III, IV, Other (specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For Months																							
Empty Kit Relinquished by:		Date:		Method of Shipment:																							
Relinquished by: Matt Stewart		Date/Time: 7/19/13 1410		Requested by: Paul Rosasco																							
Relinquished by: Paul Rosasco		Date/Time: 7/19/13 1400		Received by: Rhonda Ridenhower																							
Relinquished by:		Date/Time:		Received by:																							
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:																							

TestAmerica St. Louis
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 Earth City, MO 63045
 Phone (314) 298-8566 Fax (314) 298-8757

Chain of Custody Record

TestAmerica
 THE QUALITY OF ENVIRONMENTAL TESTING

Client Information Sampler: <u>Jo Wilkison/Hest + Assoc</u> Phone: <u>630-939-9111</u> Lab PM: <u>Ridenhower, Rhonda E</u> E-Mail: <u>rhonda.ridenhower@testamericainc.com</u>		Carrier Tracking No(s): COC No: <u>160-499-253.1</u> Page: <u>Page 1 of 10</u> Job #:	
Address: <u>7220 W. Jefferson AVE, Suite 406</u> City: <u>Lakewood</u> State, Zip: <u>CO, 80235</u> Phone: PO #: <u>Purchase Order not required</u> IWO #:		Analysis Requested 8260C - Standard List 8260C - VOA 6010C, 7470A 300 - Aroclor 310.1 - Alkalinity - 310.0	
Email: <u>paulrossaco@emsidenver.com</u> Project Name: <u>West Lake Landfill- July</u> Site:		Preservation Codes: A - HCl B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
Due Date Requested: TAT Requested (days): Field Filled Sample (Yes or No)		Total Number of Containers	
Sample Identification <u>P2-100-KS</u> <u>TSP BLEND</u>		Special Instructions/Note: Dissolved - COC, 7470A	
Sample Date <u>7/23/2013</u>	Sample Time <u>0745</u>	Matrix (Newman, Solid, Dewastol, ST-TRAC, AVAL)	Preservation Code: <u>G</u>
Sample Date <u>7/23/2013</u>	Sample Time <u>N/A</u>	Matrix (Newman, Solid, Dewastol, ST-TRAC, AVAL)	Preservation Code: <u>G</u>
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements:	
Empty Kit Relinquished by:		Method of Shipment:	
Relinquished by: <u>Jo Wilkison</u> Date: <u>7/23/2013</u>		Relinquished by: <u>Hest + Assoc, Inc.</u> Date: <u>7/23/13</u>	
Relinquished by:		Relinquished by:	
Relinquished by:		Relinquished by:	
Custody Seals Intact: <u>Δ Yes Δ No</u>		Cooler Temperature(s) °C and Other Remarks:	

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TestAmerica
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Chain of Custody Record

Client Information Mr. Paul Rosasco Engineering Management Support, Inc. Address: 7220 W. Jefferson AVE, Suite 406 City: Lakewood State: CO, Zip: 80235 Phone: Email: paulrosasco@emsi-denver.com Project Name: West Lake Landfill- July Site:		Lab PM: Rhonda E E-Mail: rhonda.ridenhower@testamericainc.com Carrier Tracking No(s): Lab No: 160-499-253.1 Page: Page 1 of 10 Job #:	
Due Date Requested: TAT Requested (days): PO #: Purchase Order not required WO #: Project #: 16002280 SSOW#:		Analysis Requested Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/> Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> 310.1 - Alkalinity- 310.0 <input checked="" type="checkbox"/> 300 - Anions- <input checked="" type="checkbox"/> 80100, 1470A <input checked="" type="checkbox"/> 8280C - VOA <input checked="" type="checkbox"/> 8280C - Standard List <input checked="" type="checkbox"/> Disposed - COCC, 7/24/13	
Sample Identification Purge Tank Trip Blank		Matrix (Water, Sewage, Stormwater, Other) Sample Type (C=Comp, G=Grab) Sample Date Sample Time Preservation Codes: Water Water Water Water Water Water Water Water Water Water	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input checked="" type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/Note: Total Number of Containers: Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amelchir H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: M - Hexane N - None O - AsNO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecylhydrate U - Acetone V - ph 4-5 W - HCAA Z - other (specify)	
Empty Kit Relinquished by: Relinquished by: Relinquished by: Relinquished by:		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months Special Instructions/QC Requirements:	
Date/Time: 7/24/2013 12:45 Date/Time: 7/24/2013 12:45 Date/Time:		Method of Shipment: Requested by: Received by: Received by: Cooler Temperature(s) °C and Other Remarks:	