0079016

SAF-RC-075
100-D/DR Burial Grounds & Remaining Sites – Soil Full Protocol
FINAL DATA PACKAGE

COMPLETE COPY OF DATA PACKAGE TO:

Dave Shea	X9-08	KW 10/30/08 INITIAL/DATE
Kathy Wendt	H4-21	KW 10/30/08 INITIAL/DATE

COMMENTS:

SDG J00205 **SAF RC-075**

RECEIVED
NOV 03 2008
EDMC

Rad only X Chem only Rad & Chem

X Complete Partial

Waste Site: 100-D-31:6, Verification I

RECEIVED
OCT 2008

Analytical Data Package Prepared For

Washington Closure Hanford

Radiochemical Analysis By

TestAmerica

2800 G.W. Way, Richland Wa, 99354, (509)-375-3131.

Assigned Laboratory Code: TARL

Data Package Contains 46 Pages

Report No.: 40042

Results in this report relate only to the sample(s) analyzed.

SDG No.	Order No.	Client Sample ID (List Order)	Lot-Sa No.	Work Order	Report DB ID	Batch No.
J00205	RC-075	J17JK2	J8J090177-1	K0GRD1AA	9K0GRD10	8287185
		J17JK3	J8J090177-2	K0GR01AA	9K0GR010	8287185
		J17JK4	J8J090177-3	K0GR71AA	9K0GR710	8287185
		J17JK5	J8J090177-4	K0GTH1AA	9K0GTH10	8287185
		J17JK6	J8J090177-5	K0GTP1AA	9K0GTP10	8287185
		J17JK7	J8J090177-6	K0GTQ1AA	9K0GTQ10	8287185
		J17JK8	J8J090177-7	K0GTV1AA	9K0GTV10	8287185
		J17JK9	J8J090177-8	K0GT11AA	9K0GT110	8287185
		J17JL0	J8J090177-9	K0GT21AA	9K0GT210	8287187
		J17JL1	J8J090177-10	K0GT51AA	9K0GT510	8287187
	RC-075	J17JL2	J8J090177-11	K0GVD1AA	9K0GVD10	8287187
		J17JL3	J8J090177-12	K0GVJ1AA	9K0GVJ10	8287187
		J17JL4	J8J090177-13	K0GVK1AA	9K0GVK10	8287187
		J17JL5	J8J090177-14	K0GVP1AA	9K0GVP10	8287185
		J17JL6	J8J090177-15	K0GVX1AA	9K0GVX10	8287185

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Certificate of Analysis

Washington Hanford Closure
2620 Fermi Avenue
Richland, WA 99354

October 24, 2008

Attention: Joan Kessner

SAF Number	:	RC-075
Date SDG Closed	:	October 9, 2008
Number of Samples	:	Fifteen (15)
Sample Type	:	Soil
SDG Number	:	J00205
Data Deliverable	:	15-Day / Summary

CASE NARRATIVE

I. Introduction

On October 9, 2008 fifteen soil samples were received at TestAmerica for chemistry analysis. Upon receipt, the samples were assigned the following laboratory ID number to correspond with the Washington Closure Hanford (WCH) specific ID:

WCH ID#	TARL ID#	MATRIX	DATE OF RECEIPT
J17JK2	K0GRD	SOIL	10/9/08
J17JK3	K0GR0	SOIL	10/9/08
J17JK4	K0GR7	SOIL	10/9/08
J17JK5	K0GTH	SOIL	10/9/08
J17JK6	K0GTP	SOIL	10/9/08
J17JK7	K0GTQ	SOIL	10/9/08
J17JK8	K0GTV	SOIL	10/9/08
J17JK9	K0GT1	SOIL	10/9/08
J17JL0	K0GT2	SOIL	10/9/08
J17JL1	K0GT5	SOIL	10/9/08
J17JL2	K0GVD	SOIL	10/9/08
J17JL3	K0GVJ	SOIL	10/9/08

J17JL4	K0GVK	SOIL	10/9/08
J17JL5	K0GVP	SOIL	10/9/08
J17JL6	K0GVX	SOIL	10/9/08

II. Sample Receipt

The samples were received in good condition and no anomalies were noted during check-in.

III. Analytical Results/Methodology

The analytical results for this report are presented by laboratory sample ID. Each set of data includes sample identification information, analytical results and the appropriate associated statistical errors. The requested analyses were:

Chemical Analysis
Hexavalent Chromium by EPA method 7196A

IV. Quality Control

The analytical results for each analysis performed includes a minimum of one laboratory control sample (LCS), one method (reagent) blank, and one duplicate sample analysis. Any exceptions have been noted in the "Comments" section.

QC and sample results are reported in the same units.

V. Comments

Chemical Analysis
Hexavalent Chromium by EPA method 7196A:

Batch 8287185
The LCS, batch blank, sample, sample duplicate (J17JK2) and sample matrix spike (J17JK2) results are within contractual requirements.

Batch 8287187
The LCS, batch blank, sample, sample duplicate (J17JL0) and sample matrix spike (J17JL0) results are within contractual requirements.

Washington Closure Hanford
October 24, 2008

I certify that this Certificate of Analysis is in compliance with the SOW, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager, or a designee as verified by the following signature.

Reviewed and approved:

Sandra Seger
Project Manager

Drinking Water Method Cross References

	DRINKING WATER ASTM METHOD CROSS REFERENCES	
Referenced Method	**Isotope(s)**	**TestAmerica Richland's SOP No.**
EPA 901.1	Cs-134, I-131	RICH-RC-5017
EPA 900.0	Alpha & Beta	RICH-RC-5014
EPA 00-02	Gross Alpha (Coprecipitation)	RICH-RC-5021
EPA 903.0	Total Alpha Radium (Ra-226)	RICH-RC-5027
EPA 903.1	Ra-226	RICH-RC-5005
EPA 904.0	Ra-228	RICH-RC-5005
EPA 905.0	Sr-89/90	RICH-RC-5006
ASTM D5174	Uranium	RICH-RC-5058
EPA 906.0	Tritium	RICH-RC-5007

Results in this report relate only to the sample(s) analyzed.

Uncertainty Estimation

TestAmerica Richland has adopted the internationally accepted approach to estimating uncertainties described in "NIST Technical Note 1297, 1994 Edition". The approach, "Law of Propagation of Errors", involves the identification of all variables in an analytical method which are used to derive a result. These variables are related to the analytical result (R) by some functional relationship, R = constants * f(x,y,z,...). The components (x,y,z) are evaluated to determine their contribution to the overall method uncertainty. The individual component uncertainties (u_i) are then combined using a statistical model that provides the most probable overall uncertainty value. All component uncertainties are categorized as type A, evaluated by statistical methods, or type B, evaluated by other means. Uncertainties not included in the components, such as sample homogeneity, are combined with the component uncertainty as the square root of the sum-of-the-squares of the individual uncertainties. The uncertainty associated with the derived result is the combined uncertainty (u_c) multiplied by the coverage factor (1,2, or 3).

When three or more sample replicates are used to derive the analytical result, the type A uncertainty is the standard deviation of the mean value (S/?n), where S is the standard deviation of the derived results. The type B uncertainties are all other random or non-random components that are not included in the standard deviation.

The derivation of the general "Law of Propagation of Errors" equations and specific example are available on request.

Report Definitions

Action Lev	An agreed upon activity level used to trigger some action when the final result is greater than or equal to the Action Level. Often the Action Level is related to the Decision Limit.
Batch	The QC preparation batch number that relates laboratory samples to QC samples that were prepared and analyzed together.
Bias	Defined by the equation (Result/Expected)-1 as defined by ANSI N13.30.
COC No	Chain of Custody Number assigned by the Client or TestAmerica.
Count Error (#s)	Poisson counting statistics of the gross sample count and background. The uncertainty is absolute and in the same units as the result. For Liquid Scintillation Counting (LSC) the batch blank count is the background.
Total Uncert (#s) ***u_c - Combined Uncertainty.***	All known uncertainties associated with the preparation and analysis of the sample are propagated to give a measure of the uncertainty associated with the result, ***u_c the combined uncertainty.*** The uncertainty is absolute and in the same units as the result.
(#s), Coverage Factor	The coverage factor defines the width of the confidence interval, 1, 2 or 3 standard deviations.
CRDL (RL)	Contractual Required Detection Limit as defined in the Client's Statement Of Work or TestAmerica "default" nominal detection limit. Often referred to the reporting level (RL)
Lc	Decision Level based on instrument background or blank, adjusted by the Efficiency, Chemical Yield, and Volume associated with the sample. The Type I error probability is approximately 5%. Lc=(1.645 * Sqrt(2*(BkgrndCnt/BkgrndCntMin)/SCntMin)) * (ConvFct/(Eff*Yld*Abn*Vol) * IngrFct). For LSC methods the batch blank is used as a measure of the background variability. Lc cannot be calculated when the background count is zero.
Lot-Sample No	The number assigned by the LIMS software to track samples received on the same day for a given client. The sample number is a sequential number assigned to each sample in the Lot.
MDC|MDA	Detection Level based on instrument background or blank, adjusted by the Efficiency, Chemical Yield, and Volume with a Type I and II error probability of approximately 5%. MDC = (4.65 * Sqrt((BkgrndCnt/BkgrndCntMin)/SCntMin) + 2.71/SCntMin) * (ConvFct/(Eff * Yld * Abn * Vol) * IngrFct). For LSC methods the batch blank is used as a measure of the background variability.
Primary Detector	The instrument identifier associated with the analysis of the sample aliquot.
Ratio U-234/U-238	The U-234 result divided by the U-238 result. The U-234/U-238 ratio for natural uranium in NIST SRM 4321C is 1.038.
Rst/MDC	Ratio of the Result to the MDC. A value greater than 1 may indicate activity above background at a high level of confidence. Caution should be used when applying this factor and it should be used in concert with the qualifiers associated with the result.
Rst/TotUcert	Ratio of the Result to the Total Uncertainty. If the uncertainty has a coverage factor of 2 a value greater than 1 may indicate activity above background at approximately the 95% level of confidence assuming a two-sided confidence interval. Caution should be used when applying this factor and it should be used in concert with the qualifiers associated with the result.
Report DB No	Sample Identifier used by the report system. The number is based upon the first five digits of the **Work Order** Number.
RER	The equation Replicate Error Ratio = (S-D)/[sqrt($TPUs^2$ + $TPUd^2$)] as defined by ICPT BOA where S is the original sample result, D is the result of the duplicate, TPUs is the total uncertainty of the original sample and TPUd is the total uncertainty of the duplicate sample.
SDG	Sample Delivery Group Number assigned by the Client or assigned by TestAmerica upon sample receipt.
Sum Rpt Alpha Spec Rst(s)	The sum of the reported alpha spec results for tests derived from the same sample excluding duplicate result where the results are in the same units.
Work Order	The LIMS software assign test specific identifier.
Yield	The recovery of the tracer added to the sample such as Pu-242 used to trace a Pu-239/40 method.

Isotope	Richland SOP #	Old Richland SOP #	Method Reference	Title
Asbestos	RL-ASB-001	N/A	NIOSH 7400	Fiber Counting by Phase Contrast Microscopy based on NIOSH 7400
Asbestos	RL-ASB-002	N/A	NIOSH 9002	Sample Prep and Analysis for Asbestos (bulk) by Polarized Light Microsopy based on NIOSH 9002
Alpha - Gross	ARCHIVED	RICH-RB-5035	Liquid Scintillation Anal/ Packard	DETERMINATION OF GROSS ALPHA IN NASAL SMEARS BY LIQUID SCINTILLATION COUNTING
Alpha - Gross	RL-GPC-001	RICH-RC-5014	9310 / EPA SW846 900.0 / EPA 600	DETERMINATION OF GROSS ALPHA AND GROSS BETA IN WATER BY METHOD 9310
Alpha - Gross	RL-GPC-007	RICH-RC-5020	SM 7110B EPA 680	DETERMINATION OF GROSS ALPHA AND GROSS BETA IN SOIL, SHORELINE SOIL, FOOD AND VEGETATION
Alpha - Gross	RL-GPC-002	RICH-RC-5021	00-02 EPA 520	DETERMINATION OF GROSS ALPHA ACTIVITY IN WATER BY COPRECIPITATION
Alpha - Gross	RL-GPC-008	RICH-RC-5036	ER100 / LANL	PREPARATION OF AIR FILTERS FOR GROSS ALPHA/BETA AND COMPOSITING AIR FILTERS
Am	RL-ALP-003	RICH-RC-5072	Mod RP 725 / DOE0089T EXT Chromatography	SEPARATION OF AMERICIUM, CURIUM, AND URANIUM BY EXTRACTION CHROMATOGRAPHY
Am	RL-ALP-010	RICH-RC-5080	Am03/Pu11HASL 300 NAS-NS-3006	SEQUENTIAL SEPARATION OF PLUTONIUM AND AMERICIUM
Beta - Gross	RL-GPC-001	RICH-RC-5014	9310 / EPA SW846 900.0 / EPA 600	DETERMINATION OF GROSS ALPHA AND GROSS BETA IN WATER BY METHOD 9310
Beta - Gross	RL-GPC-007	RICH-RC-5020	SM 7110B EPA 680	DETERMINATION OF GROSS ALPHA AND GROSS BETA IN SOIL, SHORELINE SOIL, FOOD AND VEGETATION
Beta - Gross	RL-GPC-008	RICH-RC-5036	ER100 / LANL	PREPARATION OF AIR FILTERS FOR GROSS ALPHA/BETA AND COMPOSITING AIR FILTERS
C14	RL-LSC-001	RICH-RB-5013	Mod H-02 / EPA 520	TRITIUM, CARBON-14, NICKEL-63 OR PHOSPHORUS-32 ANALYSIS IN URINE
C14	RL-LSC-008	RICH-RC-5022	EPA C-01 / EPA 520	CARBON 14 BY DIGESTION METHOD
C14	RL-LSC-009	RICH-RC-5040	Mod C14 / EPA 680	DETERMINATION OF CARBON-14 BY BENZENE SYNTHESIS
C14	RL-LSC-010	RICH-RC-5046	EPA C-01 / EPA 520	DETERMINATION OF CARBON-14 IN GRAPHITE AND SOIL
C14	RL-LSC-011	RICH-RC-5047	Mod H-02 / EPA 520	DETERMINATION OF CARBON-14 IN WATER BY DIRECT COUNTING
Cm	RL-ALP-003	RICH-RC-5072	Mod RP 725 / DOE0089T EXT Chromatography	SEPARATION OF AMERICIUM, CURIUM, AND URANIUM BY EXTRACTION CHROMATOGRAPHY
Coliform	RL-WC-001	RICH-WC-5001	9222B	DETERMINATION OF TOTAL COLIFORM: MULTIPLE TUBE FERMENTATION TECHNIQUE
Coliform	RL-WC-002	RICH-WC-5002	9131	TOTAL COLIFORMS BY MEMBRANE FILTRATION
Coliform	RL-WC-005	RICH-WC-5007	9223	TOTAL COLIFORM BY THE COLILERT METHOD
Cr6+	RL-WC-003	RICH-WC-5003	7196A, SW846	DETERMINATION OF HEXAVALENT CHROMIUM [Cr(VI)] IN WATER, SOIL, AND SIMILAR MATRICES
Cr6+	RL-WC-004	RICH-WC-5005	3060 / SW846	DETERMINATION OF HEXAVALENT CHROMIUM (CrVI) IN SOLID MATRICES WITH ALKALINE DIGESTION
Fe	RL-LSC-015	RICH-RC-5074	EXT Chromatography ModFe55/PNL-ALO-435	SEPARATION OF IRON AND NICKEL BY EXTRACTION CHROMATOGRAPHY
Fe55	RL-LSC-016	RICH-RC-5023	R4-73-014 / EPA HASL 300	DETERMINATION OF IRON-55 AND IRON-59 IN WATER
Fe59	RL-LSC-016	RICH-RC-5023	R4-73-014 / EPA HASL 300	DETERMINATION OF IRON-55 AND IRON-59 IN WATER
Gamma	RL-GAM-001	RICH-RC-5017	901.0 / HASL 300 ASTM D3649	PREPARATION OF ALL MATRICES FOR ANALYSIS BY GAMMA SPECTROSCOPY
H3	RL-LSC-001	RICH-RB-5013	Mod H-02 / EPA 520	TRITIUM, CARBON-14, NICKEL-63 OR PHOSPHORUS-32 ANALYSIS IN URINE
H3	RL-LSC-003	RICH-RB-5034	7500-3 / SM	DETERMINATION OF TRITIUM IN URINE BY DISTILLATION
H3	RL-LSC-004	RICH-RC-5004	H3 / EPA LV539	DETERMINATION OF TRITIUM IN AIR
H3	RL-LSC-005	RICH-RC-5007	Mod 906.0 / EPA 600	SEPARATION OF TRITIUM IN WATER AND AQUEOUS COMPONENT OF WINE
H3	RL-LSC-007	RICH-RC-5024	H-3 by EE EPA LV539 / HASL 300	DETERMINATION OF LOW LEVEL TRITIUM IN WATER BY ELECTROLYTIC ENRICHMENT
H3	RL-LSC-002	RICH-RC-5037	H-3 in Water/Tissue / LV 539	DETERMINATION OF TRITIUM BY CRYOGENIC DISTILLATION
H3	RL-LSC-006	RICH-RC-5048	H-3 in Water/Tissue / LV 539	TRITIUM PREPARATION IN MILK SAMPLES
I129	RL-GAM-002	RICH-RC-5025	R4-73-014I/EPA ASTM D2334 (Discontinued)	DETERMINATION OF IODINE-131 AND 129 IN WATER BY SOLVENT EXTRACTION METHOD
I131	RL-GAM-002	RICH-RC-5025	R4-73-014I/EPA ASTM D2334 (Discontinued)	DETERMINATION OF IODINE-131 AND 129 IN WATER BY SOLVENT EXTRACTION METHOD
I131	ARCHIVED	RICH-RC-5049	HASL 300 (1983)	DETERMINATION OF IODINE-131 IN MILK BY BATCH ION-EXCHANGE
Metals	ARCHIVED	BHI-MT-0001	6010	ICP-AE SPECTROSCOPY, SPECTROMETRIC METHOD FOR TRACE ELEMENT ANALYSIS, METHOD 6010A FOR Lecinel

Isotope	Richland SOP #	Old Richland SOP #	Method Reference	Title
Metals	RL-MT-001	RICH-MT-0001	6010B	ICP-AES for TRACE ELEMENT ANALYSIS, METHOD 6010B
Metals	RL-MT-002	RICH-MT-0002	SW486 3050B	ACID DIGESTION FOR ICP ANALYSIS
Metals	RL-MT-003	RICH-MT-0003	NIOSH 7300	DIGESTION PREP based on METHOD NIOSH 7300
Ni	RL-LSC-015	RICH-RC-5074	EXT Chromatography ModFe55/PNL-ALO-435	SEPARATION OF IRON AND NICKEL BY EXTRACTION CHROMATOGRAPHY
Ni63	RL-LSC-001	RICH-RB-5013	Mod H-02 / EPA 520	TRITIUM, CARBON-14, NICKEL-63 OR PHOSPHORUS-32 ANALYSIS IN URINE
Ni63	RL-LSC-017	RICH-RC-5069	EXT Chromatography Mod RP300 / DOE0089T	SEPARATION OF Ni-63 BY EXTRACTION CHROMATOGRAPHY
Np	RL-ALP-013	RICH-RC-5009	NAS-NS-3060	DETERMINATION OF NEPTUNIUM-237 BY LIQUID-LIQUID EXTRACTION IN ALL MATRICES
Np	RL-ALP-006	RICH-RC-5064	EXT Chromatography	SEPARATION OF NEPTUNIUM BY EXTRACTION CHROMATOGRAPHY
P32	RL-LSC-001	RICH-RB-5013	Mod H-02 / EPA 520	TRITIUM, CARBON-14, NICKEL-63 OR PHOSPHORUS-32 ANALYSIS IN URINE
Pb	RL-ALP-011	RICH-RC-5076	EXT Chromatography	DETERMINATION OF LEAD-210 BY EXTRACTION CHROMATOGRAPHY
Po	RL-ALP-007	RICH-RB-5001	NAS-NS-3037 HASL 300	DETERMINATION OF POLONIUM-210 IN URINE
Po	RL-ALP-012	RICH-RC-5012	Po-01 / HASL 300 Mod U01 HASL 300	SEPARATION OF ISOTOPIC URANIUM AND POLONIUM-210 IN WATER, SOIL AND FILTERS
Prep - Bioassay	ARCHIVED	RICH-RB-0001		PREPARATION FOR RAPID BIOASSAY ANALYSES
Prep - Bioassay	RL-PRP-001	RICH-RB-5002	Mod Pu06 / HASL 300	PREPARATION OF URINE AND BLOOD SAMPLES
Prep - Bioassay	ARCHIVED	RICH-RB-5004	ASTM D1429-95	DETERMINATION OF SPECIFIC GRAVITY OF URINE
Prep - Bioassay	RL-RPL-002	RICH-RB-5036	Pub 6490,6601 / PNL	PREPARATION OF SYNTHETIC URINE AND FECES USING RECIPES FROM HPS N13.30 PREFORMANCE TESTING
Prep - Bioassay	RL-PRP-002	RICH-RB-5037	LA-10300-M R200 ASTM D3865	PREPARATION OF FECAL SAMPLES USING HYDROFLUORIC ACID DIGESTION
Prep - Bioassay	RL-RPL-003	RICH-RC-5028	ICRP Publication 23	PREPARATION OF SYNTHETIC URINE AND FECES
Prep - Count	RL-ALP-016	RICH-RC-5003	G-03 / HASL 300	COPRECIPITATION OF SOME ACTINIDES ON NEODYMIUM FLUORIDE FOR ALPHA-PARTICLE SPECTROMETRY
Prep - Count	RL-ALP-015	RICH-RC-5039	G-03 / HASL 300 Anal Chem 1972	ELECTRODEPOSITION OF ACTINIDES
Prep - Count	RL-ALP-014	RICH-RC-5085	Morrison & Freiser NAS-NS-3050	ANHYDROUS ETHER EXTRACTION OF URANIUM
Prep - Env	RL-KPA-001	RICH-RC-5015	ASTM / D5174-97	ENVIRONMENTAL SAMPLE PREPARATION FOR URANIUM BY LASER-INDUCED PHOSPHORESCENCE
Prep - Env	RL-PRP-004	RICH-RC-5016	Sr02 / HASL 300	PREPARATION OF ENVIRONMENTAL MATRICES
Prep - Env	RL-PRP-007	RICH-RC-5045	Mod Pu02 / HASL 300	PREPARATION OF MIXED BED RESINS AND PRE-FILTERS
Prep - Env	RL-PRP-008	RICH-RC-5068	Mod ER100 / LA10300	PREPARATION OF SOIL, VEGETATION AND AIR FILTERS BY MIXED STRONG ACID LEACHING
Prep - Resin	RL-ALP-017	RICH-RC-5018	Mod Pu11 / Mod 300	ION-EXCHANGE PREPARATION
Prep - Soil	RL-PRP-003	RICH-RC-5013	Pu02A / HASL 300	PREPARATION OF SOIL SAMPLES
Prep - Soil	RL-PRP-005	RICH-RC-5019	D5259 / ASTM SW 846/3015/3051/3052	PREPARATION AND DISSOLUTION OF SEDIMENTS AND SOIL BY MICROWAVE BOMB DIGESTION
Prep - Soil	RL-PRP-006	RICH-RC-5032	Pu02A / HASL 300	COMPLETE DISSOLUTION BY MIXED ACIDS IN A TEFLON BEAKER
Prep - Soil	RL-PRP-009	RICH-RC-5077	Mod ER100 / LA10300	PREPARATION OF SMALL SOIL SAMPLES FOR GAMMA SPEC AND/OR RADIOCHEM ANAL BY ACID DIGESTION
Prep - Urine	RL-PRP-010	RICH-RC-5086	AnalyticaChemActa1992 RP800 / DOE00089T	URINE AND WATER SAMPLE PREPARATION BY CALCIUM PHOSPHATE PRECIPITATION
Prep - Water	RL-PRP-010	RICH-RC-5086	AnalyticaChemActa1992 RP800 / DOE00089T	URINE AND WATER SAMPLE PREPARATION BY CALCIUM PHOSPHATE PRECIPITATION
Pu	ARCHIVED	RICH-RB-5015	Pu11 / HASL 300	RAPID DETERMINATION OF PLUTONIUM IN FECES
Pu	RL-ALP-002	RICH-RC-5010	Pu11 / HASL 300	DETERMINATION OF ISOTOPIC PLUTONIUM IN ALL MATRICES
Pu	RL-ALP-010	RICH-RC-5080	Am03 HASL 300 Pu11 / HASL 300	SEQUENTIAL SEPARATION OF PLUTONIUM AND AMERICIUM
Pu	RL-ALP-001	RICH-RC-5087	AnalyticaChemActa1992 RP800 / DOE00089T	DETERMINATION OF PLUTONIUM BY EXTRACTION CHROMATOGRAPHY
Ra	RL-RA-001	RICH-RC-5005	903.1 / EPA 600	RADIUM-226 AND RADIUM-228 SEPARATION IN RADIOCHEMICAL MATRICES - ADAPTED FROM EPA 903.1 AND 904.0
Ra	RL-RA-001	RICH-RC-5005	904.0 / EPA 600	RADIUM-226 AND RADIUM-228 SEPARATION IN RADIOCHEMICAL MATRICES - ADAPTED FROM EPA 903.1 AND 904.0

Isotope	Richland SOP #	Old Richland SOP #	Method Reference	Title
Ra	RL-RA-002	RICH-RC-5027	Mod D2460/ ASTM 903.0 / EPA 600	DETERMINATION OF TOTAL RADIUM
Rn	RL-LSC-019	RICH-RC-5082	913.0 / EPA	DETERMINATION OF RADON-222 - ADAPTED FROM METHOD 913.0
S35	ARCHIVED	RICH-RB-5020	Hillebrand, Lundeell, Bright, Hoffman 1953	DETERMINATION OF SULFUR-35 IN URINE
Se79	RL-LSC-012	RICH-RC-5043	Selenium / NAS-NS-3030	RADIOCHEMICAL DETERMINATION OF SELENIUM-79
Solubility	ARCHIVED	RICH-RC-5035	Kalfward&Thomas PNL3716	DETERMINATION OF SOLUBILITY OF RADIOACTIVE PARTICLE CONSTITUENTS
Sr	RL-GPC-005	RICH-RB-5007	Mod Sr02 / HASL 300 Mod 905.0 / EPA 600	DETERMINATION OF TOTAL STRONTIUM IN URINE
Sr	RL-GPC-006	RICH-RB-5021	Mod Sr02 / HASL300 Mod 905.0 / EPA 600	DETERMINATION OF STRONTIUM IN FECES
Sr	ARCHIVED	RICH-RB-5022	Mod Sr02 / HASL300 Mod 905.0 / EPA 600	DETERMINATION OF TOTAL STRONTIUM IN URINE FOR RAPID ANALYSIS
Sr	ARCHIVED	RICH-RB-5031	Mod Sr02 / HASL300 Mod 905.0 / EPA 600	RAPID DETERMINATION OF TOTAL STRONTIUM IN FECES
Sr	RL-GPC-003	RICH-RC-5006	Mod Sr02 / HASL300 Mod 905.0 / EPA 600	STRONTIUM SEPARATION IN ENVIROMENTAL MATRICES
Sr - Yt	RL-GPC-004	RICH-RC-5071	Mod Sr02 / HASL300 Mod 905.0 / EPA 600	YTTRIUM-90 SEPARATION FOR STRONTIUM-90 DETERMINATION IN ALL MATRICES
Tc	RL-LSC-014	RICH-RC-5065	EXT Chromatography Mod RP550 / DOE0089T	DETERMINATION OF TECHNETIUM-99 BY EXTRACTION CHROMATOGRAPHY
Tc	RL-LSC-013	RICH-RC-5078	Tc01 / HASL 300	SEPARATION OF TECHNETIUM-99 IN ALL MATRICES
Th	RL-ALP-008	RICH-RB-5006	Mod Th01 / HASL 300	SEPARATION OF THORIUM FROM URINE AND FECAL SAMPLES
Th	RL-ALP-005	RICH-RC-5084	Mod Th01 / HASL 300 Anal Chim Acta 1982	DETERMINATION OF THORIUM ISOTOPIC IN ENVIRONMENTAL MATRICES
U	RL-ALP-012	RICH-RC-5012	Po-01 / HASL 300 Mod U01 / HASL 300	SEPARATION OF ISOTOPIC URANIUM AND POLONIUM-210 IN WATER, SOIL AND FILTERS
U	RL-KPA-002	RICH-RC-5031	Mod U01 / HASL 300	SEPARATION OF TOTAL URANIUM IN WATER AND URINE
U	RL-KPA-003	RICH-RC-5058	D5174 / ASTM	DETERMINATION OF URANIUM BY PHOSPHORESCENCE ANALYSIS
U	RL-ALP-004	RICH-RC-5067	EXT Chromatography Mod RP725 / DOE0089T	SEPARATION OF URANIUM BY EXTRACTION CHROMATOGRAPHY
U	RL-ALP-003	RICH-RC-5072	EXT Chrom Mod RP725 & 800 / DOE0089T	SEPARATION OF AMERICIUM, CURIUM, AND URANIUM BY EXTRACTION CHROMATOGRAPHY
U	RL-ALP-009	RICH-RC-5079	EXT Chromatography Mod RP725 / DOE0089T	DETERMINATION OF ISOTOPIC URANIUM IN ALL MATRICES

Sample Results Summary

Date: 23-Oct-08

TestAmerica TARL

Ordered by Method, Batch No., Client Sample ID.

Report No. : 40042 **SDG No:** J00205

Batch	Client Id Work Order	Parameter	Result +- Uncertainty (2s)	Qual	Units	Tracer Yield	MDC or MDA	CRDL	RPD
8287185 7196_CR6									
J17JK2									
	K0GRD1AA	HEXCHROME	3.50E-01 +- 0.00E+00	U	mg/kg	N/A	3.50E-01	3.50E-01	
	K0GRD1AE	HEXCHROME	3.50E-01 +- 0.00E+00	U	mg/kg	N/A	3.50E-01	3.50E-01	0.0
J17JK3									
	K0GR01AA	HEXCHROME	3.50E-01 +- 0.00E+00	U	mg/kg	N/A	3.50E-01	3.50E-01	
J17JK4									
	K0GR71AA	HEXCHROME	3.50E-01 +- 0.00E+00	U	mg/kg	N/A	3.50E-01	3.50E-01	
J17JK5									
	K0GTH1AA	HEXCHROME	3.50E-01 +- 0.00E+00	U	mg/kg	N/A	3.50E-01	3.50E-01	
J17JK6									
	K0GTP1AA	HEXCHROME	3.50E-01 +- 0.00E+00	U	mg/kg	N/A	3.50E-01	3.50E-01	
J17JK7									
	K0GTQ1AA	HEXCHROME	3.50E-01 +- 0.00E+00	U	mg/kg	N/A	3.50E-01	3.50E-01	
J17JK8									
	K0GTV1AA	HEXCHROME	3.63E-01 +- 0.00E+00		mg/kg	N/A	3.50E-01	3.50E-01	
J17JK9									
	K0GT11AA	HEXCHROME	3.50E-01 +- 0.00E+00	U	mg/kg	N/A	3.50E-01	3.50E-01	
J17JL5									
	K0GVP1AA	HEXCHROME	3.50E-01 +- 0.00E+00	U	mg/kg	N/A	3.50E-01	3.50E-01	
J17JL6									
	K0GVX1AA	HEXCHROME	3.50E-01 +- 0.00E+00	U	mg/kg	N/A	3.50E-01	3.50E-01	
8287187 7196_CR6									
J17JL0									
	K0GT21AA	HEXCHROME	3.50E-01 +- 0.00E+00	U	mg/kg	N/A	3.50E-01	3.50E-01	
	K0GT21AE	HEXCHROME	3.50E-01 +- 0.00E+00	U	mg/kg	N/A	3.50E-01	3.50E-01	0.0
J17JL1									
	K0GT51AA	HEXCHROME	3.64E-01 +- 0.00E+00		mg/kg	N/A	3.50E-01	3.50E-01	
J17JL2									
	K0GVD1AA	HEXCHROME	3.50E-01 +- 0.00E+00	U	mg/kg	N/A	3.50E-01	3.50E-01	
J17JL3									
	K0GVJ1AA	HEXCHROME	3.50E-01 +- 0.00E+00	U	mg/kg	N/A	3.50E-01	3.50E-01	
J17JL4									
	K0GVK1AA	HEXCHROME	3.50E-01 +- 0.00E+00	U	mg/kg	N/A	3.50E-01	3.50E-01	

No. of Results: 17

TestAmerica

rptSTLRchSaSummary2 V5.1.8
A2002

RPD - Relative Percent Difference.

U Qual - Analyzed for but not detected above limiting criteria. Limit criteria is less than the Mdc/Mda or Total Uncert or not identified by gamma scan software.

QC Results Summary

TestAmerica TARL

Ordered by Method, Batch No, QC Type,.

Date: 23-Oct-08

Report No. : 40042

SDG No.: J00205

Batch Work Order	Parameter	Result +- Uncertainty (2s)	Qual	Units	Tracer Yield	LCS Recovery	Bias	MDC|MDA
7196_CR6								
8287185 MATRIX SPIKE, J17JK2								
K0GRD1AC	HEXCHROME	9.06E+00 +- 0.00E+00		mg/kg	N/A	91%	-0.1	3.50E-01
8287185 LCS,								
K0PPQ1AC	HEXCHROME	1.77E+01 +- 0.00E+00		mg/kg	N/A	89%	-0.1	3.50E-01
8287185 BLANK QC,								
K0PPQ1AA	HEXCHROME	3.50E-01 +- 0.00E+00	U	mg/kg	N/A			3.50E-01
7196_CR6								
8287187 MATRIX SPIKE, J17JL0								
K0GT21AC	HEXCHROME	8.23E+00 +- 0.00E+00		mg/kg	N/A	80%	-0.2	3.50E-01
8287187 LCS,								
K0PP21AC	HEXCHROME	1.86E+01 +- 0.00E+00		mg/kg	N/A	93%	-0.1	3.50E-01
8287187 BLANK QC,								
K0PP21AA	HEXCHROME	3.50E-01 +- 0.00E+00	U	mg/kg	N/A			3.50E-01

No. of Results: 6

TestAmerica

rptSTLRchQcSummary V5.1.8 A2002

Bias - (Result/Expected)-1 as defined by ANSI N13.30.

U Qual - Analyzed for but not detected above limiting criteria. Limit criteria is less than the Mdc/Mda or Total Uncert or not identified by gamma scan software.

FORM I

SAMPLE RESULTS

Date: 23-Oct-08

Lab Name:	TestAmerica	SDG:	J00205	Collection Date:	10/7/2008 8:44:00 AM
Lot-Sample No.:	J8J090177-1	Report No. :	40042	Received Date:	10/9/2008 9:00:00 AM
Client Sample ID:	J17JK2	COC No. :	RC-075-018	Matrix:	SOIL

Ordered by Client Sample ID, Batch No.

Parameter	Result	Qual	Count Error (2 s)	Total Uncert(2 s)	MDC|MDA, Action Lev	Rpt Unit, Lc	Yield CRDL(RL)	Rst/MDC, Rst/TotUcert	Analysis, Prep Date	Total Sa Size	Aliquot Size	Primary Detector
Batch: 8287185	7196_CR6			Work Order:	K0GRD1AA		Report DB ID:	9K0GRD10				
HEXCHROME	***3.50E-01***	U		0.0E+00	3.50E-01	mg/kg	N/A	*(1.)*	10/14/08		2.5	
							3.50E-01	*N/A*			G	

No. of Results: 1 Comments:

TestAmerica
rptSTLRchSample
V5.1.8 A2002

MDC|MDA,Lc - Detection, Decision Level based on instrument background or blank, adjusted by the sample Efficiency, Yield, and Volume.
U Qual - Analyzed for but not detected above limiting criteria. Limit criteria is less than the Mdc/Mda or Total Uncert or not identified by gamma scan software.

TESTAMERICA

FORM I

SAMPLE RESULTS

Date: 23-Oct-08

Lab Name:	TestAmerica	**SDG:**	J00205	**Collection Date:**	10/7/2008 3:17:00 PM
Lot-Sample No.:	J8J090177-2	**Report No. :**	40042	**Received Date:**	10/9/2008 9:00:00 AM
Client Sample ID:	J17JK3	**COC No. :**	RC-075-018	**Matrix:**	SOIL

Ordered by Client Sample ID, Batch No.

Parameter	Result	Qual	Count Error (2 s)	Total Uncert(2 s)	MDC|MDA, Action Lev	Rpt Unit, Lc	Yield CRDL(RL)	Rst/MDC, Rst/TotUcert	Analysis, Prep Date	Total Sa Size	Aliquot Size	Primary Detector
Batch: 8287185	7196_CR6			**Work Order:** K0GR01AA			**Report DB ID:** 9K0GR010					
HEXCHROME	***3.50E-01***	U		0.0E+00	3.50E-01	mg/kg	N/A	*(1.)*	10/14/08		2.5	
							3.50E-01	*N/A*			G	

No. of Results: 1 **Comments:**

13

MDC|MDA,Lc - Detection, Decision Level based on instrument background or blank, adjusted by the sample Efficiency, Yield, and Volume.
U Qual - Analyzed for but not detected above limiting criteria. Limit criteria is less than the Mdc/Mda or Total Uncert or not identified by gamma scan software.

TESTAMERICA

FORM I

SAMPLE RESULTS

Date: 23-Oct-08

Lab Name:	TestAmerica	SDG:	J00205	Collection Date:	10/7/2008 10:41:00 AM
Lot-Sample No.:	J8J090177-3	Report No. :	40042	Received Date:	10/9/2008 9:00:00 AM
Client Sample ID:	J17JK4	COC No. :	RC-075-018	Matrix:	SOIL

Ordered by Client Sample ID, Batch No.

Parameter	Result	Qual	Count Error (2 s)	Total Uncert(2 s)	MDC|MDA, Action Lev	Rpt Unit, Lc	Yield CRDL(RL)	Rst/MDC, Rst/TotUcert	Analysis, Prep Date	Total Sa Size	Aliquot Size	Primary Detector
Batch: 8287185	7196_CR6			Work Order: K0GR71AA			Report DB ID: 9K0GR710					
HEXCHROME	***3.50E-01***	U		0.0E+00	3.50E-01	mg/kg	N/A	*(1.)*	10/14/08		2.5	
							3.50E-01	*N/A*			G	

No. of Results: 1 Comments:

TestAmerica
rptSTLRchSample
V5.1.8 A2002

MDC|MDA,Lc - Detection, Decision Level based on instrument background or blank, adjusted by the sample Efficiency, Yield, and Volume.
U Qual - Analyzed for but not detected above limiting criteria. Limit criteria is less than the Mdc/Mda or Total Uncert or not identified by gamma scan software.

TESTAMERICA

FORM I

SAMPLE RESULTS

Date: 23-Oct-08

Lab Name:	TestAmerica	**SDG:**	J00205	**Collection Date:**	10/7/2008 3:12:00 PM
Lot-Sample No.:	J8J090177-4	**Report No. :**	40042	**Received Date:**	10/9/2008 9:00:00 AM
Client Sample ID:	J17JK5	**COC No. :**	RC-075-018	**Matrix:**	SOIL

Ordered by Client Sample ID, Batch No.

Parameter	Result	Qual	Count Error (2 s)	Total Uncert(2 s)	MDC|MDA, Action Lev	Rpt Unit, Lc	Yield CRDL(RL)	Rst/MDC, Rst/TotUcert	Analysis, Prep Date	Total Sa Size	Aliquot Size	Primary Detector
Batch: 8287185	7196_CR6			**Work Order:**	K0GTH1AA		**Report DB ID:**	9K0GTH10				
HEXCHROME	***3.50E-01***	U		0.0E+00	3.50E-01	mg/kg	N/A	*(1.)*	10/14/08		2.5	
							3.50E-01	*N/A*			G	

No. of Results: 1 **Comments:**

MDC|MDA,Lc - Detection, Decision Level based on instrument background or blank, adjusted by the sample Efficiency, Yield, and Volume.
U Qual - Analyzed for but not detected above limiting criteria. Limit criteria is less than the Mdc/Mda or Total Uncert or not identified by gamma scan software.

TESTAMERICA

FORM I

SAMPLE RESULTS

Date: 23-Oct-08

Lab Name:	**TestAmerica**	**SDG:**	J00205	**Collection Date:**	10/7/2008 3:42:00 PM
Lot-Sample No.:	**J8J090177-5**	**Report No. :**	40042	**Received Date:**	10/9/2008 9:00:00 AM
Client Sample ID:	**J17JK6**	**COC No. :**	RC-075-018	**Matrix:**	SOIL

Ordered by Client Sample ID, Batch No.

Parameter	Result	Qual	Count Error (2 s)	Total Uncert(2 s)	MDC|MDA, Action Lev	Rpt Unit, Lc	Yield CRDL(RL)	Rst/MDC, Rst/TotUcert	Analysis, Prep Date	Total Sa Size	Aliquot Size	Primary Detector
Batch: 8287185	7196_CR6			**Work Order:** K0GTP1AA			**Report DB ID:** 9K0GTP10					
HEXCHROME	***3.50E-01***	U		0.0E+00	3.50E-01	mg/kg	N/A	*(1.)*	10/14/08		2.5	
							3.50E-01	*N/A*			G	

No. of Results: 1 **Comments:**

TestAmerica
rptSTLRchSample
V5.1.8 A2002

MDC|MDA,Lc - Detection, Decision Level based on instrument background or blank, adjusted by the sample Efficiency, Yield, and Volume.
U Qual - Analyzed for but not detected above limiting criteria. Limit criteria is less than the Mdc/Mda or Total Uncert or not identified by gamma scan software.

TESTAMERICA

FORM I

SAMPLE RESULTS

Date: 23-Oct-08

Lab Name:	TestAmerica	**SDG:**	J00205	**Collection Date:**	10/7/2008 3:07:00 PM
Lot-Sample No.:	J8J090177-6	**Report No. :**	40042	**Received Date:**	10/9/2008 9:00:00 AM
Client Sample ID:	J17JK7	**COC No. :**	RC-075-018	**Matrix:**	SOIL

Ordered by Client Sample ID, Batch No.

Parameter	Result	Qual	Count Error (2 s)	Total Uncert(2 s)	MDC|MDA, Action Lev	Rpt Unit, Lc	Yield CRDL(RL)	Rst/MDC, Rst/TotUcert	Analysis, Prep Date	Total Sa Size	Aliquot Size	Primary Detector
Batch: 8287185	7196_CR6			**Work Order:** K0GTQ1AA			**Report DB ID:** 9K0GTQ10					
HEXCHROME	***3.50E-01***	U		0.0E+00	3.50E-01	mg/kg	N/A	*(1.)*	10/14/08		2.5	
							3.50E-01	*N/A*			G	

No. of Results: 1 **Comments:**

TestAmerica
rptSTLRchSample
V5.1.8 A2002

MDC|MDA,Lc - Detection, Decision Level based on instrument background or blank, adjusted by the sample Efficiency, Yield, and Volume.
U Qual - Analyzed for but not detected above limiting criteria. Limit criteria is less than the Mdc/Mda or Total Uncert or not identified by gamma scan software.

FORM I

SAMPLE RESULTS

Date: 23-Oct-08

Lab Name:	TestAmerica	SDG:	J00205	Collection Date:	10/7/2008 3:09:00 PM
Lot-Sample No.:	J8J090177-7	Report No. :	40042	Received Date:	10/9/2008 9:00:00 AM
Client Sample ID:	J17JK8	COC No. :	RC-075-018	Matrix:	SOIL

Ordered by Client Sample ID, Batch No.

Parameter	Result	Qual	Count Error (2 s)	Total Uncert(2 s)	MDC|MDA, Action Lev	Rpt Unit, Lc	Yield CRDL(RL)	Rst/MDC, Rst/TotUcert	Analysis, Prep Date	Total Sa Size	Aliquot Size	Primary Detector
Batch: 8287185	7196_CR6			Work Order: K0GTV1AA			Report DB ID: 9K0GTV10					
HEXCHROME	***3.63E-01***			0.0E+00	3.50E-01	mg/kg	N/A	*(1.)*	10/14/08		2.5	
							3.50E-01	*N/A*			G	

No. of Results: 1 Comments:

TestAmerica
rptSTLRchSample
V5.1.8 A2002

MDC|MDA,Lc - Detection, Decision Level based on instrument background or blank, adjusted by the sample Efficiency, Yield, and Volume.
U Qual - Analyzed for but not detected above limiting criteria. Limit criteria is less than the Mdc/Mda or Total Uncert or not identified by gamma scan software.

TESTAMERICA

FORM I

SAMPLE RESULTS

Date: 23-Oct-08

Lab Name:	**TestAmerica**	**SDG:**	J00205	**Collection Date:**	10/7/2008 10:49:00 AM
Lot-Sample No.:	**J8J090177-8**	**Report No. :**	40042	**Received Date:**	10/9/2008 9:00:00 AM
Client Sample ID:	**J17JK9**	**COC No. :**	RC-075-018	**Matrix:**	SOIL

Ordered by Client Sample ID, Batch No.

Parameter	Result	Qual	Count Error (2 s)	Total Uncert(2 s)	MDC|MDA, Action Lev	Rpt Unit, Lc	Yield CRDL(RL)	Rst/MDC, Rst/TotUcert	Analysis, Prep Date	Total Sa Size	Aliquot Size	Primary Detector
Batch: 8287185	7196_CR6			**Work Order:**	K0GT11AA		**Report DB ID:**	9K0GT110				
HEXCHROME	***3.50E-01***	U		0.0E+00	3.50E-01	mg/kg	N/A	*(1.)*	10/14/08		2.5	
							3.50E-01	*N/A*			G	

No. of Results: 1 **Comments:**

MDC|MDA,Lc - Detection, Decision Level based on instrument background or blank, adjusted by the sample Efficiency, Yield, and Volume.
U Qual - Analyzed for but not detected above limiting criteria. Limit criteria is less than the Mdc/Mda or Total Uncert or not identified by gamma scan software.

TESTAMERICA

FORM I

SAMPLE RESULTS

Date: 23-Oct-08

Lab Name:	TestAmerica	**SDG:**	J00205	**Collection Date:**	10/7/2008 3:39:00 PM
Lot-Sample No.:	J8J090177-9	**Report No. :**	40042	**Received Date:**	10/9/2008 9:00:00 AM
Client Sample ID:	J17JL0	**COC No. :**	RC-075-018	**Matrix:**	SOIL

Ordered by Client Sample ID, Batch No.

Parameter	Result	Qual	Count Error (2 s)	Total Uncert(2 s)	MDC|MDA, Action Lev	Rpt Unit, Lc	Yield CRDL(RL)	Rst/MDC, Rst/TotUcert	Analysis, Prep Date	Total Sa Size	Aliquot Size	Primary Detector
Batch: 8287187	7196_CR6			**Work Order:** K0GT21AA			**Report DB ID:** 9K0GT210					
HEXCHROME	***3.50E-01***	U		0.0E+00	3.50E-01	mg/kg	N/A	*(1.)*	10/13/08		2.5	
							3.50E-01	*N/A*			G	

No. of Results: 1 **Comments:**

20

MDC|MDA,Lc - Detection, Decision Level based on instrument background or blank, adjusted by the sample Efficiency, Yield, and Volume.
U Qual - Analyzed for but not detected above limiting criteria. Limit criteria is less than the Mdc/Mda or Total Uncert or not identified by gamma scan software.

TESTAMERICA

FORM I

SAMPLE RESULTS

Date: 23-Oct-08

Lab Name:	TestAmerica	**SDG:**	J00205	**Collection Date:**	10/7/2008 3:36:00 PM
Lot-Sample No.:	J8J090177-10	**Report No. :**	40042	**Received Date:**	10/9/2008 9:00:00 AM
Client Sample ID:	J17JL1	**COC No. :**	RC-075-018	**Matrix:**	SOIL

Ordered by Client Sample ID, Batch No.

Parameter	Result	Qual	Count Error (2 s)	Total Uncert(2 s)	MDC|MDA, Action Lev	Rpt Unit, Lc	Yield CRDL(RL)	Rst/MDC, Rst/TotUcert	Analysis, Prep Date	Total Sa Size	Aliquot Size	Primary Detector
Batch: 8287187	7196_CR6			**Work Order:** K0GT51AA			**Report DB ID:** 9K0GT510					
HEXCHROME	***3.64E-01***			0.0E+00	3.50E-01	mg/kg	N/A	*(1.)*	10/13/08		2.5	
							3.50E-01	*N/A*			G	

No. of Results: 1 **Comments:**

21

MDC|MDA,Lc - Detection, Decision Level based on instrument background or blank, adjusted by the sample Efficiency, Yield, and Volume.
U Qual - Analyzed for but not detected above limiting criteria. Limit criteria is less than the Mdc/Mda or Total Uncert or not identified by gamma scan software.

TESTAMERICA

FORM I

SAMPLE RESULTS

Date: 23-Oct-08

Lab Name:	TestAmerica	SDG:	J00205	Collection Date:	10/7/2008 11:06:00 AM
Lot-Sample No.:	J8J090177-11	Report No. :	40042	Received Date:	10/9/2008 9:00:00 AM
Client Sample ID:	J17JL2	COC No. :	RC-075-018	Matrix:	SOIL

Ordered by Client Sample ID, Batch No.

Parameter	Result	Qual	Count Error (2 s)	Total Uncert(2 s)	MDC|MDA, Action Lev	Rpt Unit, Lc	Yield CRDL(RL)	Rst/MDC, Rst/TotUcert	Analysis, Prep Date	Total Sa Size	Aliquot Size	Primary Detector
Batch: 8287187	7196_CR6			Work Order:	K0GVD1AA		Report DB ID:	9K0GVD10				
HEXCHROME	***3.50E-01***	U		0.0E+00	3.50E-01	mg/kg	N/A	*(1.)*	10/13/08		2.5	
							3.50E-01	*N/A*			G	

No. of Results: 1 Comments:

22

TestAmerica
rptSTLRchSample
V5.1.8 A2002

MDC|MDA,Lc - Detection, Decision Level based on instrument background or blank, adjusted by the sample Efficiency, Yield, and Volume.
U Qual - Analyzed for but not detected above limiting criteria. Limit criteria is less than the Mdc/Mda or Total Uncert or not identified by gamma scan software.

TESTAMERICA

FORM I

SAMPLE RESULTS

Date: 23-Oct-08

Lab Name:	TestAmerica	**SDG:**	J00205	**Collection Date:**	10/7/2008 10:49:00 AM
Lot-Sample No.:	J8J090177-12	**Report No. :**	40042	**Received Date:**	10/9/2008 9:00:00 AM
Client Sample ID:	J17JL3	**COC No. :**	RC-075-018	**Matrix:**	SOIL

Ordered by Client Sample ID, Batch No.

Parameter	Result	Qual	Count Error (2 s)	Total Uncert(2 s)	MDC|MDA, Action Lev	Rpt Unit, Lc	Yield CRDL(RL)	Rst/MDC, Rst/TotUcert	Analysis, Prep Date	Total Sa Size	Aliquot Size	Primary Detector
Batch: 8287187	7196_CR6			**Work Order:** K0GVJ1AA			**Report DB ID:** 9K0GVJ10					
HEXCHROME	***3.50E-01***	U		0.0E+00	3.50E-01	mg/kg	N/A	*(1.)*	10/13/08		2.5	
							3.50E-01	*N/A*			G	

No. of Results: 1 **Comments:**

23

MDC|MDA,Lc - Detection, Decision Level based on instrument background or blank, adjusted by the sample Efficiency, Yield, and Volume.
U Qual - Analyzed for but not detected above limiting criteria. Limit criteria is less than the Mdc/Mda or Total Uncert or not identified by gamma scan software.

TESTAMERICA

FORM I

SAMPLE RESULTS

Date: 23-Oct-08

Lab Name:	TestAmerica	**SDG:**	J00205	**Collection Date:**	10/7/2008 9:27:00 AM
Lot-Sample No.:	J8J090177-13	**Report No. :**	40042	**Received Date:**	10/9/2008 9:00:00 AM
Client Sample ID:	J17JL4	**COC No. :**	RC-075-018	**Matrix:**	SOIL

Ordered by Client Sample ID, Batch No.

Parameter	Result	Qual	Count Error (2 s)	Total Uncert(2 s)	MDC|MDA, Action Lev	Rpt Unit, Lc	Yield CRDL(RL)	Rst/MDC, Rst/TotUcert	Analysis, Prep Date	Total Sa Size	Aliquot Size	Primary Detector
Batch: 8287187	7196_CR6			**Work Order:** K0GVK1AA			**Report DB ID:** 9K0GVK10					
HEXCHROME	***3.50E-01***	U		0.0E+00	3.50E-01	mg/kg	N/A	*(1.)*	10/13/08		2.5	
							3.50E-01	*N/A*			G	

No. of Results: 1 **Comments:**

TestAmerica
rptSTLRchSample
V5.1.8 A2002

MDC|MDA,Lc - Detection, Decision Level based on instrument background or blank, adjusted by the sample Efficiency, Yield, and Volume.
U Qual - Analyzed for but not detected above limiting criteria. Limit criteria is less than the Mdc/Mda or Total Uncert or not identified by gamma scan software.

TESTAMERICA

FORM I

SAMPLE RESULTS

Date: 23-Oct-08

Lab Name:	TestAmerica	**SDG:**	J00205	**Collection Date:**	10/7/2008 1:57:00 PM
Lot-Sample No.:	J8J090177-14	**Report No. :**	40042	**Received Date:**	10/9/2008 9:00:00 AM
Client Sample ID:	J17JL5	**COC No. :**	RC-075-018	**Matrix:**	SOIL

Ordered by Client Sample ID, Batch No.

Parameter	Result	Qual	Count Error (2 s)	Total Uncert(2 s)	MDC|MDA, Action Lev	Rpt Unit, Lc	Yield CRDL(RL)	Rst/MDC, Rst/TotUcert	Analysis, Prep Date	Total Sa Size	Aliquot Size	Primary Detector
Batch: 8287185	7196_CR6			**Work Order:** K0GVP1AA			**Report DB ID:** 9K0GVP10					
HEXCHROME	***3.50E-01***	U		0.0E+00	3.50E-01	mg/kg	N/A	*(1.)*	10/14/08		2.5	
							3.50E-01	*N/A*			G	

No. of Results: 1 **Comments:**

25

MDC|MDA,Lc - Detection, Decision Level based on instrument background or blank, adjusted by the sample Efficiency, Yield, and Volume.
U Qual - Analyzed for but not detected above limiting criteria. Limit criteria is less than the Mdc/Mda or Total Uncert or not identified by gamma scan software.

TESTAMERICA

FORM I

SAMPLE RESULTS

Date: 23-Oct-08

Lab Name:	TestAmerica	**SDG:**	J00205	**Collection Date:**	10/7/2008 2:08:00 PM
Lot-Sample No.:	J8J090177-15	**Report No. :**	40042	**Received Date:**	10/9/2008 9:00:00 AM
Client Sample ID:	J17JL6	**COC No. :**	RC-075-018	**Matrix:**	SOIL

Ordered by Client Sample ID, Batch No.

Parameter	Result	Qual	Count Error (2 s)	Total Uncert(2 s)	MDC|MDA, Action Lev	Rpt Unit, Lc	Yield CRDL(RL)	Rst/MDC, Rst/TotUcert	Analysis, Prep Date	Total Sa Size	Aliquot Size	Primary Detector
Batch: 8287185	7196_CR6			**Work Order:**	K0GVX1AA		**Report DB ID:**	9K0GVX10				
HEXCHROME	***3.50E-01***	U		0.0E+00	3.50E-01	mg/kg	N/A	*(1.)*	10/14/08		2.5	
							3.50E-01	*N/A*			G	

No. of Results: 1 **Comments:**

MDC|MDA,Lc - Detection, Decision Level based on instrument background or blank, adjusted by the sample Efficiency, Yield, and Volume.
U Qual - Analyzed for but not detected above limiting criteria. Limit criteria is less than the Mdc/Mda or Total Uncert or not identified by gamma scan software.

TESTAMERICA

FORM II

Date: 23-Oct-08

DUPLICATE RESULTS

Lab Name:	TestAmerica	SDG:	J00205	Collection Date:	10/7/2008 8:44:00 AM
Lot-Sample No.:	J8J090177-1	Report No. :	40042	Received Date:	10/9/2008 9:00:00 AM
Client Sample ID:	J17JK2	COC No. :	RC-075-018	Matrix:	SOIL

Parameter	Result, Orig Rst	Qual	Count Error (2 s)	Total Uncert(2 s)	MDC|MDA, Action Lev	Rpt Unit, CRDL	Yield	Rst/MDC, Rst/TotUcert	Analysis, Prep Date	Total Sa Size	Aliquot Size	Primary Detector
Batch: 8287185	7196_CR6			Work Order: K0GRD1AE		Report DB ID: K0GRD1ER			Orig Sa DB ID: 9K0GRD10			
HEXCHROME	3.50E-01	U		0.0E+00	3.50E-01	mg/kg	N/A	(1.)	10/14/08		2.5	
	3.50E-01	U	RPD 0.0			3.50E-01		N/A			G	

No. of Results: 1 Comments:

TestAmerica
rptSTLRchDupV5.1
.8 A2002

RPD - Relative Percent Difference.
MDC|MDA,Lc - Detection, Decision Level based on instrument background or blank, adjusted by the sample Efficiency, Yield, and Volume.
U Qual - Analyzed for but not detected above limiting criteria. Limit criteria is less than the Mdc/Mda or Total Uncert or not identified by gamma scan software.

TESTAMERICA

FORM II

Date: 23-Oct-08

DUPLICATE RESULTS

Lab Name:	**TestAmerica**	**SDG:**	J00205	**Collection Date:**	10/7/2008 3:39:00 PM
Lot-Sample No.:	**J8J090177-9**	**Report No. :**	40042	**Received Date:**	10/9/2008 9:00:00 AM
Client Sample ID:	**J17JL0**	**COC No. :**	RC-075-018	**Matrix:**	SOIL

Parameter	Result, Orig Rst	Qual	Count Error (2 s)	Total Uncert(2 s)	MDC|MDA, Action Lev	Rpt Unit, CRDL	Yield	Rst/MDC, Rst/TotUcert	Analysis, Prep Date	Total Sa Size	Aliquot Size	Primary Detector
Batch: 8287187	7196_CR6			**Work Order:** K0GT21AE		**Report DB ID:** K0GT21ER			**Orig Sa DB ID:** 9K0GT210			
HEXCHROME	3.50E-01	U		0.0E+00	3.50E-01	mg/kg	N/A	(1.)	10/13/08		2.5	
	3.50E-01	U	**RPD 0.0**			3.50E-01		N/A			G	

No. of Results: 1 **Comments:**

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TestAmerica
rptSTLRchDupV5.1
.8 A2002

RPD - Relative Percent Difference.
MDC|MDA,Lc - Detection, Decision Level based on Instrument background or blank, adjusted by the sample Efficiency, Yield, and Volume.
U Qual - Analyzed for but not detected above limiting criteria. Limit criteria is less than the Mdc/Mda or Total Uncert or not identified by gamma scan software.

FORM II

BLANK RESULTS

Date: 23-Oct-08

Lab Name: TestAmerica

Matrix: SOIL

SDG: J00205

Report No. : 40042

Parameter	Result	Qual	Count Error (2 s)	Total Uncert(2 s)	MDC|MDA ,	Rpt Unit, CRDL	Yield	Rst/MDC, Rst/TotUcert	Analysis, Prep Date	Total Sa Size	Aliquot Size	Primary Detector
Batch: 8287185	7196_CR6			Work Order:	K0PPQ1AA		Report DB ID:	K0PPQ1AB				
HEXCHROME	3.50E-01	U		0.0E+00	3.50E-01	mg/kg	N/A	(1.)	10/14/08		2.5	
						3.50E-01		N/A			G	
Batch: 8287187	7196_CR6			Work Order:	K0PP21AA		Report DB ID:	K0PP21AB				
HEXCHROME	3.50E-01	U		0.0E+00	3.50E-01	mg/kg	N/A	(1.)	10/13/08		2.5	
						3.50E-01		N/A			G	

No. of Results: 2 Comments:

TestAmerica
rptSTLRchBlank
V5.1.8 A2002

MDC|MDA,Lc - Detection, Decision Level based on instrument background or blank, adjusted by the sample Efficiency, Yield, and Volume.
U Qual - Analyzed for but not detected above limiting criteria. Limit criteria is less than the Mdc/Mda or Total Uncert or not identified by gamma scan software.

TESTAMERICA

FORM II

LCS RESULTS

Date: 23-Oct-08

Lab Name: TestAmerica

SDG: J00205

Matrix: SOIL

Report No. : 40042

Parameter	Result	Qual	Count Error (2 s)	Total Uncert(2 s)	MDC|MDA	Report Unit	Yield	Expected	Expected Uncert	Recovery, Bias	Analysis, Prep Date	Aliquot Size	Primary Detector
Batch: 8287185	7196_CR6			Work Order:	K0PPQ1AC		Report DB ID:	K0PPQ1AS					
HEXCHROME	1.77E+01			0.0E+00	3.50E-01	mg/kg	N/A	2.00E+01		89%	10/14/08	2.5	
							Rec Limits:	80	120	-0.1		G	
Batch: 8287187	7196_CR6			Work Order:	K0PP21AC		Report DB ID:	K0PP21AS					
HEXCHROME	1.86E+01			0.0E+00	3.50E-01	mg/kg	N/A	2.00E+01		93%	10/13/08	2.5	
							Rec Limits:	80	120	-0.1		G	

No. of Results: 2 Comments:

TestAmerica Bias - (Result/Expected)-1 as defined by ANSI N13.30.

rptSTLRchLcs
V5.1.8 A2002

TESTAMERICA

FORM II

MATRIX SPIKE RESULTS

Date: 23-Oct-08

Lab Name: TestAmerica SDG: J00205

Lot-Sample No.: J8J090177-1, J17JK2 Report No. : 40042 Matrix: SOIL

Parameter	SpikeResult, Orig Rst	Qual	Count Error (2 s)	Total Uncert(2 s)	MDC|MDA	Rpt Unit, CRDL	Yield	Rec-overy	Expected, Uncert	Analysis, Prep Date	Aliquot Size	Analy Method, Primary Detector
Batch: 8287185	Work Order: K0GRD1AC			Report DB ID: K0GRD1CW			Orig Sa DB ID: 9K0GRD10					
HEXCHROME	9.06E+00			0.0E+00	3.50E-01	mg/kg	N/A	90.60%	1.00E+01	10/14/08	2.5	7196_CR6
	3.50E-01										G	

Number of Results: 1

Comments:

TestAmerica RER - Replicate Error Ratio = (S-D)/[sqrt(sq(TPUs)+sq(TPUd))] as defined by ICPT BOA.

rptSTLRchMs Bias - (Result/Expected)-1 as defined by ANSI N13.30.

V5.1.8 A2002

TESTAMERICA

FORM II

MATRIX SPIKE RESULTS

Date: 23-Oct-08

Lab Name: TestAmerica SDG: J00205

Lot-Sample No.: J8J090177-9, J17JL0 Report No. : 40042 Matrix: SOIL

Parameter	SpikeResult, Orig Rst	Qual	Count Error (2 s)	Total Uncert(2 s)	MDC|MDA	Rpt Unit, CRDL	Yield	Rec-overy	Expected, Uncert	Analysis, Prep Date	Aliquot Size	Analy Method, Primary Detector
Batch: 8287187	Work Order: K0GT21AC			Report DB ID: K0GT21CW			Orig Sa DB ID: 9K0GT210					
HEXCHROME	8.23E+00			0.0E+00	3.50E-01	mg/kg	N/A	79.98%	1.03E+01	10/13/08	2.5	7196_CR6
	3.50E-01										G	

Number of Results: 1

Comments:

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TestAmerica
rptSTLRchMs
V5.1.8 A2002

RER - Replicate Error Ratio = (S-D)/[sqrt(sq(TPUs)+sq(TPUd))] as defined by ICPT BOA.
Bias - (Result/Expected)-1 as defined by ANSI N13.30.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Richland Laboratory
Data Review Check List
Hexavalent Chromium

Batch Number(s): **8287185**

Lab Sample Numbers or SDG: **J00205** Due 10/24

Method/Test/Parameter: **Cr+6 in SOLID / RL-WC-004**

Review Item	Yes (✓)	No (✓)	N/A (✓)	2nd Level Review (✓)
A. Initial Calibration				
1. Performed at required frequency with required number of levels?	✓			✓
2. Correlation coefficient within QC limits?	✓			✓
3. Initial calibration verification (ICV) analyzed immediately after calibration and results within QC limits?	✓			✓
4. Initial calibration blank (ICB) analyzed immediately after ICV and concentrations of all parameters ≤ reporting limit?	✓			✓
B. Continuing Calibration				
1. CCV analyzed at required frequency and all parameters within QC limits?	✓			✓
2. CCB analyzed at required frequency and all results ≤ reporting limit?	✓			✓
C. Sample Analysis				
1. Were any samples with concentrations above the linear range for any parameter diluted and reanalyzed?	✓			✓
2. Were all sample holding times met?	✓			✓
D. QC Samples				
1. All results for the preparation blank below limits?	✓			✓
2. MS or MS/MSD recoveries within QC limits and %RPD (for MSD) acceptable?	✓			✓
3. LCS percent recovery within QC limits and %RPD (for LCSD) acceptable?	✓			✓
4. Analytical spikes within QC limits where applicable?	✓			✓
5. ICP only: One serial dilution performed per SDG?			✓	✓
6. ICP only: CRDL standard (CRI or CRA) analyzed at required frequency?			✓	✓
7. ICP only: Interference check samples (ICSA, ICSAB) and HICAL analyzed at the required frequencies and within QC limits?			✓	✓

Review Item	Yes (✓)	No (✓)	N/A (✓)	2nd Level Review (✓)
E. Other 1. Are all nonconformances included and noted?	✓			—
2. Is the correct date and time of analysis shown?	✓			✓
3. Did the analyst sign and date the front page of the analytical run?	✓			✓
4. Correct methodology used?	✓			✓
5. Transcriptions checked?	✓			✓
6. Calculations checked at minimum frequency?	✓			✓
7. Units checked?	✓			✓

Comments on any "No" response:

Analyst: [illegible] Date: 10/15/08

Second-Level Review: SSeger Date: 10/21/08

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Richland Laboratory
Data Review Check List
Hexavalent Chromium

Batch Number(s): **8287187**	J8J090177
Lab Sample Numbers or SDG:	J0D2C5 Due 10/24
Method/Test/Parameter: **Cr+6 in SOLID / RL-WC-004**	

Review Item	Yes (✓)	No (✓)	N/A (✓)	2nd Level Review (✓)
A. Initial Calibration				
1. Performed at required frequency with required number of levels?	✓			✓
2. Correlation coefficient within QC limits?	✓			✓
3. Initial calibration verification (ICV) analyzed immediately after calibration and results within QC limits?	✓			✓
4. Initial calibration blank (ICB) analyzed immediately after ICV and concentrations of all parameters ≤ reporting limit?	✓			✓
B. Continuing Calibration				
1 CCV analyzed at required frequency and all parameters within QC limits?	✓			✓
2. CCB analyzed at required frequency and all results ≤ reporting limit?	✓			✓
C. Sample Analysis	✓			
1. Were any samples with concentrations above the linear range for any parameter diluted and reanalyzed?				✓
2. Were all sample holding times met?	✓			✓
D. QC Samples				
1. All results for the preparation blank below limits?	✓			✓
2. MS or MS/MSD recoveries within QC limits and %RPD (for MSD) acceptable?	✓			✓
3. LCS percent recovery within QC limits and %RPD (for LCSD) acceptable?	✓			✓
4. Analytical spikes within QC limits where applicable?	✓			✓
5. ICP only: One serial dilution performed per SDG?			✓	✓
6. ICP only: CRDL standard (CRI or CRA) analyzed at required frequency?			✓	✓
7. ICP only: Interference check samples (ICSA, ICSAB) and HICAL analyzed at the required frequencies and within QC limits?			✓	✓

Review Item	Yes (✓)	No (✓)	N/A (✓)	2nd Level Review (✓)
E. Other	✓			
1. Are all nonconformances included and noted?				✓
2. Is the correct date and time of analysis shown?	✓			✓
3. Did the analyst sign and date the front page of the analytical run?	✓			✓
4. Correct methodology used?	✓			✓
5. Transcriptions checked?	✓			✓
6. Calculations checked at minimum frequency?	✓			✓
7. Units checked?	✓			✓

Comments on any "No" response:

Analyst: _____ Date: 10/15/08

Second-Level Review: _____ Date: 10/21/08

TESTAMERICA

Washington Closure Hanford	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	RC-075-018	Page 1 of 5

Collector: D.W.Shea/subcontractor, Shana Schmidt	Company Contact: D.W.Shea	Telephone No.: 521-6014	Project Coordinator: KESSNER, JH
Price Code: 8K	Data Turnaround: 15 days		
Project Designation: 100-D/DR Burial Grounds & Remaining Sites - Soil Full Prot	Sampling Location: 100-D-31:6, Verification I		SAF No.: RC-075
Ice Chest No.	Field Logbook No.: EL-1607-4	COA: R00D312000	Method of Shipment: Fed EX
Shipped To: EBERLINE SERVICES / LIONVILLE	Offsite Property No.: see OPSC		Bill of Lading/Air Bill No.

POSSIBLE SAMPLE HAZARDS/REMARKS

None known

Special Handling and/or Storage

SDG# J00205
J8J090177
due 10/24/08

SAMPLE ANALYSIS

Preservation				None	Cool 4C	Cool 4C	Cool 4C	Cool 4C					
Type of Container				G/P	G/P	G/P	aG	aG					
No. of Container(s)				1	1	1	1	1					
Volume				250mL	60mL	125mL	125mL	250g					
				See item (1) in Special Instructions.	Chromium Hex - 7196	IC Anions - 300.0; pH (Soil) - 9045	Pesticides - 8081	PAHs - 8310					
Sample No.		Matrix *	Sample Date	Sample Time									
J17JK2	KOGRD	SOIL	10/7/08	0844	✓	✓	✓	✓	✓				
J17JK3	KOGRO	SOIL		1517	✓	✓	✓	✓	✓				
J17JK4	KOGR7	SOIL		1041	✓	✓	✓	✓	✓				
J17JK5	KOGTH	SOIL		1512	✓	✓	✓	✓	✓				
J17JK6	KOGTP	SOIL		1542	✓	✓	✓	✓	✓				

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CHAIN OF POSSESSION	Sign/Print Names		
Relinquished By/Removed From: Shana Schmidt	Date/Time: 10-7-08 1553	Received By/Stored In: DWShea DWSHEA	Date/Time: 10/7/08 1553
Relinquished By/Removed From: DWSHEA DWS	Date/Time: 10/7/08 1758	Received By/Stored In: Fridge 3A	Date/Time: 10/7/08 1758
Relinquished By/Removed From: Fridge 3A/J.E. Bernhard	Date/Time: 0815 10-9-08	Received By/Stored In: J.E. Bernhard	Date/Time: 0815 10-9-08
Relinquished By/Removed From: J.E. Bernhard	Date/Time: 0900 10-9-08	Received By/Stored In:	Date/Time: 0900 10-9-08
Relinquished By/Removed From:	Date/Time: 915 10-9-08	Received By/Stored In:	Date/Time:
Relinquished By/Removed From:	Date/Time:	Received By/Stored In:	Date/Time:

SPECIAL INSTRUCTIONS

(1) ICP Metals - 6010 (Client List) {~~Aluminum~~, Antimony, Arsenic, Barium, Beryllium, ~~Bismuth~~, Boron, Cadmium, ~~Calcium~~, Chromium, Cobalt, Copper, ~~Iron~~, Lead, ~~Lithium, Magnesium~~, Manganese, Molybdenum, ~~Nickel, Phosphorus, Potassium~~, Selenium, ~~Silicon~~, Silver, ~~Sodium, Strontium, Thallium, Tin, Uranium~~, Vanadium, Zinc} and Hg via CVAA DWShea 10/7/08

Chromium TO Be done at Richland
SKS 10/9/08

Matrix *
S Soil
SF Sediment
SO Solid
SL Sludge
W Water
O Oil
A Air
DS Drum Solids
DL Drum Liquids
T Tissue
WI Wipe
L Liquid
V Vegetation
X Other

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

WCH-EE-011

TESTAMERICA

Washington Closure Hanford	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	RC-075-018	Page 2 of 2

Collector: D.W.Shea/subcontractor Shana Schmidt	Company Contact: D.W.Shea	Telephone No.: 521-6014	Project Coordinator: KESSNER, JH
Price Code: 8K	Data Turnaround: 15 days		
Project Designation: 100-D/DR Burial Grounds & Remaining Sites - Soil Full Prot	Sampling Location: 100-D-31:6, Verification I		SAF No.: RC-075
Ice Chest No.	Field Logbook No.: EL-1607-4	COA: R00D312000	Method of Shipment: Fed EX
Shipped To: EBERLINE SERVICES / LIONVILLE	Offsite Property No.: seee OPSC		Bill of Lading/Air Bill No.

POSSIBLE SAMPLE HAZARDS/REMARKS

None known

Special Handling and/or Storage

SDG# J00205
J8J090177
due 10/24/08

SAMPLE ANALYSIS

Preservation				None	Cool 4C	Cool 4C	Cool 4C	Cool 4C				
Type of Container				G/P	G/P	G/P	aG	aG				
No. of Container(s)				1	1	1	1	1				
Volume				250mL	60mL	125mL	125mL	250g				
				See item (1) in Special Instructions.	Chromium Hex - 7196	IC Anions - 300.0; pH (Soil) - 9045	Pesticides - 8081	PAHs - 8310				
Sample No.		Matrix *	Sample Date	Sample Time								
J17JK7	KOGTQ	SOIL	10/7/08	1507	✓	✓	✓	✓	✓			
J17JK8	KOGTV	SOIL	↓	1509	✓	✓	✓	✓	✓			
J17JK9	KOGT1	SOIL		1049	✓	✓	✓	✓	✓			
J17JL0	KOGT2	SOIL		1539	✓	✓	✓	✓	✓			
J17JL1	KOGT3	SOIL	↓	1536	✓	✓	✓	✓	✓			

CHAIN OF POSSESSION	Sign/Print Names		
Relinquished By/Removed From: Shana Schmidt	Date/Time: 10-7-08 15:53	Received By/Stored In: DWSHEA DWSHEA	Date/Time: 10/7/08 1553
Relinquished By/Removed From: DWSHEA DWSHEA	Date/Time: 10/7/08 1758	Received By/Stored In: Fridge 3A	Date/Time: 10/7/08 1758
Relinquished By/Removed From: Fridge 3A/J.E. Bernhal	Date/Time: 0815 10-9-08	Received By/Stored In: J.E. Bernhal	Date/Time: 0815 10-9-08
Relinquished By/Removed From: J. E. Bernhal	Date/Time: 0900 10-9-08	Received By/Stored In: [illegible]	Date/Time: 0900 10-9-08
Relinquished By/Removed From: [illegible]	Date/Time: 9:15 10-9-08	Received By/Stored In	Date/Time
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time

SPECIAL INSTRUCTIONS

(1) ICP Metals - 6010 (Client List) [~~Aluminum~~, Antimony, Arsenic, Barium, Beryllium, ~~Bismuth~~, Boron, Cadmium, ~~Calcium~~, Chromium, Cobalt, Copper, ~~Iron~~, Lead, ~~Lithium~~, ~~Magnesium~~, Manganese, Molybdenum, ~~Nickel~~, ~~Phosphorus~~, ~~Potassium~~, Selenium, ~~Silicon~~, Silver, ~~Sodium~~, ~~Strontium~~, Thallium, ~~Tin~~, ~~Uranium~~, Vanadium, Zinc] and Hg via CVAA DWSHEA 10/7/08

Chromium TO Be done at Richland
SKS 10/9/08

Matrix *
S Soil
SI Sediment
SO Solid
SL Sludge
W Water
O Oil
A Air
DS Drum Solids
DL Drum Liquids
T Tissue
WI Wipe
L Liquid
V Vegetation
X Other

LABORATORY SECTION	Received By	Title	Date Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date Time

WCH-EE-011

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TESTAMERICA

Washington Closure Hanford	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	RC-075-018	Page 3 of 5

Collector: D.W.Shea/subcontractor Shana Schmidt	Company Contact: D.W.Shea	Telephone No.: 521-6014	Project Coordinator: KESSNER, JH
Price Code: 8K	Data Turnaround: 15 days		
Project Designation: 100-D/DR Burial Grounds & Remaining Sites - Soil Full Prot	Sampling Location: 100-D-31:6, Verification I		SAF No.: RC-075
Ice Chest No.	Field Logbook No.: EL-1607-4	COA: R00D312000	Method of Shipment: Fed EX
Shipped To: EBERLINE SERVICES / LIONVILLE	Offsite Property No.: seee OPSC		Bill of Lading/Air Bill No.

POSSIBLE SAMPLE HAZARDS/REMARKS

None known

Special Handling and/or Storage

SDG # J00205
J8J090177
due 10/24/08

SAMPLE ANALYSIS

Preservation	None	Cool 4C	Cool 4C	Cool 4C	Cool 4C							
Type of Container	G/P	G/P	G/P	aG	aG							
No. of Container(s)	1	1	1	1	1							
Volume	250mL	60mL	125mL	125mL	250g							
	See item (1) in Special Instructions.	Chromium Hex - 7196	IC Anions - 300.0; pH (Soil) - 9045	Pesticides - 8081	PAHs - 8310							

Sample No.	Matrix *	Sample Date	Sample Time										
J17JL2 K0GVD	SOIL	10/7/08	1106	✓	✓	✓	✓	✓					
J17JL3 K0GVJ	SOIL		1049	✓	✓	✓	✓	✓					
J17JL4 K0GVK	SOIL		0927	✓	✓	✓	✓	✓					
J17JL5 K0GVP	SOIL		1357	✓	✓	✓	✓	✓					
J17JL6 K0GVX	SOIL		1408	✓	✓	✓	✓	✓					

CHAIN OF POSSESSION — **Sign/Print Names**

Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time
Shana Schmidt	10-7-08 15:53	DWSHEA DWShea	10/7/08 1553
DWShea DWSHEA	10/7/08 1758	Fridge 3A	10/7/08 1758
Fridge 3A/J.E. Bernhal	0815 10-9-08	J.E. Bernhal	0815 10-9-08
J.E. Bernhal	0900 10-9-08	[illegible]	0900 10-9-08
[illegible]	9:15 10-9-08		

SPECIAL INSTRUCTIONS

(1) ICP Metals - 6010 (Client List) ~~Aluminum~~, Antimony, Arsenic, Barium, Beryllium, ~~Bismuth~~, Boron, Cadmium, ~~Calcium~~, Chromium, Cobalt, Copper, ~~Iron~~, Lead, ~~Lithium~~, ~~Magnesium~~, Manganese, Molybdenum, ~~Nickel, Phosphorus, Potassium~~ Selenium, ~~Silicon~~ Silver, ~~Sodium, Strontium, Thallium, Tin, Uranium~~, Vanadium, Zinc; and Hg via CVAA DWShea 10/7/08

Chromium TO Be done at Richland
SKS 10/9/08

Matrix *

S Soil
SF Sediment
SO Solid
SL Sludge
W Water
O Oil
A Air
DS Drum Solids
DL Drum Liquids
T Tissue
WI Wipe
L Liquid
V Vegetation
S Other

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date Time

WCH-EE-011

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Sample Check-in List

Date/Time Received: 10-9-08 9:00 GM Screen Result 0.10 mR/hr

Client: WCH SDG #: J00205 NA[ ] SAF #: _____ NA [ ]

Work Order Number: J8J090177 Chain of Custody # RC-075-018

Shipping Container ID: _____ Air Bill # _____

1. Custody Seals on shipping container intact? NA [ ] Yes [✓] No [ ]
2. Custody Seals dated and signed? NA [ ] Yes [✓] No [ ]
3. Chain of Custody record present? NA [ ] Yes [✓] No [ ]
4. Cooler Temperature: _____ NA [✓] 5. Vermiculite/packing materials is NA [✓] Wet [ ] Dry [ ]
6. Number of samples in shipping container: 23
7. Sample holding times exceeded? NA [✓] Yes [ ] No [ ]
8. Samples have:
   - ✓ Tape
   - ✓ Custody Seals
   - ✓ Hazard Lables
   - ✓ Appropriate Sample Lables
9. Samples are:
   - ✓ In Good Condition
   - _____ Broken
   - _____ Leaking
   - _____ Have Air Bubbles
   - (Only for samples requiring no head space.)
10. Sample pH taken? NA [✓] pH<2 [ ] pH>2 [ ] pH>9 [ ] Amount HNO_3 Added _____
11. Sample Location, Sample Collector Listed? * Soil
    *For documentation only. No corrective action needed.
12. Were any anomalies identified in sample receipt? Yes [ ] No [✓]
13. Description of anomalies (include sample numbers): _____

Sample Custodian: [signature] Date: 10-9-08

Client Sample ID	Analysis Requested	Condition	Comments/Action

Client Informed on _____ by _____ Person Contacted _____

[ ] No action necessary; process as is.

Project Manager _____ Date _____

TESTAMERICA

10/13/2008 9:16:00 AM

Sample Preparation/Analysis

Balance Id:

127642, Washington Closure Hanford LLC
Bechtel Hanford, Inc.

DW Alkaline Digestion by method 3060A
EA Chromium, Hexavalent (7196A)
5I CLIENT: HANFORD

Pipet #:

AnalyDueDate: 10/24/2008

Sep1 DT/Tm Tech:

Batch: 8287185 SOIL mg/kg PM, Quote: SS , 27038

SEQ Batch, Test: None

Sep2 DT/Tm Tech:

Prep Tech:

Work Order, Lot, Sample DateTime	Total Amt/Unit	Initial Aliquot Amt/Unit	QC Tracer Prep Date	Dish Size	Ppt or Geometry	Count Time Min	Detector Id	Count On | Off (24hr) Circle	CR Analyst, Init/Date	Comments:
1 K0GRD-1-AA J8J090177-1-SAMP 10/07/2008 08:44		AmtRec: 60MLG	#Containers: 1					Scr:	Alpha:	Beta:
2 K0GRD-1-AC-S J8J090177-1-MS 10/07/2008 08:44		AmtRec: 60MLG	#Containers: 1					Scr:	Alpha:	Beta:
3 K0GRD-1-AD-D J8J090177-1-MSD SKS 10/23/03 10/07/2008 08:44		AmtRec: 60MLG	#Containers: 1					Scr:	Alpha:	Beta:
4 K0GRD-1-AE-X J8J090177-1-DUP 10/07/2008 08:44		AmtRec: 60MLG	#Containers: 1					Scr:	Alpha:	Beta:
5 K0GR0-1-AA J8J090177-2-SAMP 10/07/2008 15:17		AmtRec: 60MLG	#Containers: 1					Scr:	Alpha:	Beta:
6 K0GR7-1-AA J8J090177-3-SAMP 10/07/2008 10:41		AmtRec: 60MLG	#Containers: 1					Scr:	Alpha:	Beta:
7 K0GTH-1-AA J8J090177-4-SAMP 10/07/2008 15:12		AmtRec: 60MLG	#Containers: 1					Scr:	Alpha:	Beta:

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TESTAMERICA

10/13/2008 9:16.00 AM

127642, Washington Closure Hanford LLC
Bechtel Hanford, Inc.

AnalyDueDate: 10/24/2008

Sample Preparation/Analysis

DW Alkaline Digestion by method 3060A
EA Chromium, Hexavalent (7196A)
5I CLIENT: HANFORD

Batch: 8287185 SOIL mg/kg PM, Quote: SS , 27038
SEQ Batch, Test: None

Balance Id:
Pipet #:
Sep1 DT/Tm Tech:
Sep2 DT/Tm Tech:
Prep Tech:

Work Order, Lot, Sample DateTime	Total Amt/Unit	Initial Aliquot Amt/Unit	QC Tracer Prep Date	Dish Size	Ppt or Geometry	Count Time Min	Detector Id	Count On | Off (24hr) Circle	CR Analyst, Init/Date	Comments:
8 K0GTP-1-AA J8J090177-5-SAMP 10/07/2008 15:42		AmtRec: 60MLG	#Containers: 1					Scr:	Alpha:	Beta:
9 K0GTQ-1-AA J8J090177-6-SAMP 10/07/2008 15:07		AmtRec: 60MLG	#Containers: 1					Scr:	Alpha:	Beta:
10 K0GTV-1-AA J8J090177-7-SAMP 10/07/2008 15:09		AmtRec: 60MLG	#Containers: 1					Scr:	Alpha:	Beta:
11 K0GT1-1-AA J8J090177-8-SAMP 10/07/2008 10:49		AmtRec: 60MLG	#Containers: 1					Scr:	Alpha:	Beta:
12 K0GVP-1-AA J8J090177-14-SAMP 10/07/2008 13:57		AmtRec: 60MLG	#Containers: 1					Scr:	Alpha:	Beta:
13 K0GVX-1-AA J8J090177-15-SAMP 10/07/2008 14:08		AmtRec: 60MLG	#Containers: 1					Scr:	Alpha:	Beta:
14 K0PPQ-1-AA-B J8J130000-185-BLK 10/07/2008 08:44		AmtRec:	#Containers: 1					Scr:	Alpha:	Beta:

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TESTAMERICA

10/13/2008 9:16:00 AM

Sample Preparation/Analysis

DW Alkaline Digestion by method 3060A
EA Chromium, Hexavalent (7196A)
5I CLIENT: HANFORD

Balance Id:
Pipet #:
Sep1 DT/Tm Tech:
Sep2 DT/Tm Tech:
Prep Tech:

AnalyDueDate: 10/24/2008

Batch: 8287185 mg/kg
SEQ Batch, Test: None

Work Order, Lot, Sample DateTime	Total Amt/Unit	Initial Aliquot Amt/Unit	QC Tracer Prep Date	Dish Size	Ppt or Geometry	Count Time Min	Detector Id	Count On | Off (24hr) Circle	CR Analyst, Init/Date	Comments:
15 K0PPQ-1-AC-C										
J8J130000-185-LCS										
10/07/2008 08:44		AmtRec:	#Containers: 1					Scr:	Alpha:	Beta:

Comments:

All Clients for Batch:
127642, Washington Closure Hanford LLC Bechtel Hanford, Inc. , SS , 27038

K0GRD1AA-SAMP Constituent List:
HEXCHROME RDL:0.35 mg/kg LCL:80 UCL:120 RPD:20
K0GRD1AC-MS Constituent List:

K0GRD1AD-MSD:

K0PPQ1AA-BLK:

K0PPQ1AC-LCS:

K0GRD1AA-SAMP Calc Info:
Uncert Level (#s).: 2 Decay to SaDt: Y Blk Subt.: N Sci.Not.: Y ODRs: B
K0GRD1AC-MS Calc Info:
Uncert Level (#s).: 2 Decay to SaDt: Y Blk Subt.: N Sci.Not.: Y ODRs: B
K0GRD1AD-MSD:
Uncert Level (#s).: 2 Decay to SaDt: Y Blk Subt.: N Sci.Not.: Y ODRs: B
K0PPQ1AA-BLK:
Uncert Level (#s).: 2 Decay to SaDt: Y Blk Subt.: N Sci.Not.: Y ODRs: B
K0PPQ1AC-LCS:
Uncert Level (#s).: 2 Decay to SaDt: Y Blk Subt.: N Sci.Not.: Y ODRs: B

Approved By _____ Date: _____

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TESTAMERICA

10/13/2008 9:15:39 AM

Sample Preparation/Analysis

127642, Washington Closure Hanford LLC
Bechtel Hanford, Inc.

DW Alkaline Digestion by method 3060A
EA Chromium, Hexavalent (7196A)
5I CLIENT: HANFORD

Balance Id:
Pipet #:

AnalyDueDate: 10/24/2008

Sep1 DT/Tm Tech:

Batch: 8287187 SOIL mg/kg PM, Quote: SS , 27038

Sep2 DT/Tm Tech:

SEQ Batch, Test: None All Tests: 8287185 DWEA, 8287187 DWEA,

Prep Tech:

Work Order, Lot, Sample DateTime	Total Amt/Unit	Initial Aliquot Amt/Unit	QC Tracer Prep Date	Dish Size	Ppt or Geometry	Count Time Min	Detector Id	Count On | Off (24hr) Circle	CR Analyst, Init/Date	Comments:
1 K0GT2-1-AA J8J090177-9-SAMP 10/07/2008 15:39		AmtRec: 60MLG	#Containers: 1		2.5082				Scr: Alpha: Beta:	
2 K0GT2-1-AC-S J8J090177-9-MS 10/07/2008 15:39		AmtRec: 60MLG	#Containers: 1		2.5050				Scr: Alpha: Beta:	
3 K0GT2-1-AD-D J8J090177-9-MSD MISPCrO4 10/07/2008 15:39		AmtRec: 60MLG	#Containers: 1	11.7	2.5084				Scr: Alpha: Beta:	
4 K0GT2-1-AE-X J8J090177-9-DUP 10/07/2008 15:39		AmtRec: 60MLG	#Containers: 1		2.5130				Scr: Alpha: Beta:	
5 K0GT5-1-AA J8J090177-10-SAMP 10/07/2008 15:36		AmtRec: 60MLG	#Containers: 1		2.5023				Scr: Alpha: Beta:	
6 K0GVD-1-AA J8J090177-11-SAMP 10/07/2008 11:06		AmtRec: 60MLG	#Containers: 1		2.5133				Scr: Alpha: Beta:	
7 K0GVJ-1-AA J8J090177-12-SAMP 10/07/2008 10:49		AmtRec: 60MLG	#Containers: 1		2.5082				Scr: Alpha: Beta:	

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TESTAMERICA

10/13/2008 9:15:40 AM

Sample Preparation/Analysis

Balance Id:

127642, Washington Closure Hanford LLC
Bechtel Hanford, Inc.

DW Alkaline Digestion by method 3060A
EA Chromium, Hexavalent (7196A)
5I CLIENT: HANFORD

Pipct #:

AnalyDueDate: 10/24/2008

Sep1 DT/Tm Tech:

Batch: 8287187 SOIL mg/kg PM, Quote: SS , 27038

Sep2 DT/Tm Tech:

SEQ Batch, Test: None

Prep Tech:

Work Order, Lot, Sample DateTime	Total Amt/Unit	Initial Aliquot Amt/Unit	QC Tracer Prep Date	Dish Size	Ppt or Geometry	Count Time Min	Detector Id	Count On | Off (24hr) Circle	CR Analyst, Init/Date	Comments:
8 K0GVK-1-AA J8J090177-13-SAMP 10/07/2008 09:27		AmtRec: 60MLG	#Containers: 1					Scr:	Alpha:	Beta:
9 K0PP2-1-AA-B J8J130000-187-BLK 10/07/2008 15:39		AmtRec:	#Containers: 1					Scr:	Alpha:	Beta:
10 K0PP2-1-AC-C J8J130000-187-LCS 10/07/2008 15:39		AmtRec:	#Containers: 1					Scr:	Alpha:	Beta:

25168

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Comments:

```
All Clients for Batch:
   127642, Washington Closure Hanford LLC          Bechtel Hanford, Inc.        , SS , 27038

K0GT21AA-SAMP Constituent List:
  HEXCHROME   RDL:0.35        mg/kg     LCL:80      UCL:120     RPD:20
K0GT21AC-MS Constituent List:

K0GT21AD-MSD:

K0PP21AA-BLK:

K0PP21AC-LCS:

K0GT21AA-SAMP Calc Info:
     Uncert Level (#s).: 2     Decay to SaDt: Y     Blk Subt.: N     Sci.Not.: Y     ODRs: B
K0GT21AC-MS Calc Info:
     Uncert Level (#s).: 2     Decay to SaDt: Y     Blk Subt.: N     Sci.Not.: Y     ODRs: B
```

10/13/2008 9:15:40 AM

Sample Preparation/Analysis

DW Alkaline Digestion by method 3060A
EA Chromium, Hexavalent (7196A)
5I CLIENT: HANFORD

Balance Id:
Pipet #:
Sep1 DT/Tm Tech:
Sep2 DT/Tm Tech:
Prep Tech:

AnalyDueDate: 10/24/2008

Batch: 8287187 mg/kg
SEQ Batch, Test: None

Work Order, Lot, Sample DateTime	Total Amt/Unit	Initial Aliquot Amt/Unit	QC Tracer Prep Date	Dish Size	Ppt or Geometry	Count Time Min	Detector Id	Count On | Off (24hr) Circle	CR Analyst, Init/Date	Comments:

K0GT21AD-MSD:
Uncert Level (#s).: 2 Decay to SaDt: Y Blk Subt.: N Sci.Not.: Y ODRs: B
K0PP21AA-BLK:
Uncert Level (#s).: 2 Decay to SaDt: Y Blk Subt.: N Sci.Not.: Y ODRs: B
K0PP21AC-LCS:
Uncert Level (#s).: 2 Decay to SaDt: Y Blk Subt.: N Sci.Not.: Y ODRs: B

Approved By _____ Date: _____

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

RECEIVED OCT 2008

WASHINGTON CLOSURE HANFORD

SDG #: J00205
SAF#: RC-075
Lot #: D8J130174

Date SDG Closed: October 10, 2008
Data Deliverable: 15 Day / Summary

Joan Kessner

Washington Closure Hanford
2620 Fermi Avenue
Richland, WA 99354

Sample ID Cross Reference Table

Client ID	Lab ID
J17JK2	D8J130174-001
J17JK3	D8J130174-002
J17JK4	D8J130174-003
J17JK5	D8J130174-004
J17JK6	D8J130174-005
J17JK7	D8J130174-006
J17JK8	D8J130174-007
J17JK9	D8J130174-008
J17JL0	D8J130174-009
J17JL1	D8J130174-010
J17JL2	D8J130174-011
J17JL3	D8J130174-012
J17JL4	D8J130174-013
J17JL5	D8J130174-014
J17JL6	D8J130174-015

TestAmerica Denver

Kae E. Yoder
Project Manager

October 28, 2008

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CASE NARRATIVE
J00205 / RC-075 / D8J130174

The following report contains the analytical results for fifteen solid samples submitted to TestAmerica by Washington Closure Hanford. The samples were received October 10, 2008, according to documented sample acceptance procedures.

Client ID	Lab ID	Analyses Requested	Analyses Performed
J17JK2	D8J130174-001	8310/6010B/7471A	8310/6010B/7471A
J17JK3	D8J130174-002	8081A/8310/6010B/7471A/9056/9045C	8081A/8310/6010B/7471A/9056/9045C
J17JK4	D8J130174-003	8081A/8310/6010B/7471A/9056/9045C	8081A/8310/6010B/7471A/9056/9045C
J17JK5	D8J130174-004	8081A/8310/6010B/7471A/9056/9045C	8081A/8310/6010B/7471A/9056/9045C
J17JK6	D8J130174-005	8081A/8310/6010B/7471A/9056/9045C	8081A/8310/6010B/7471A/9056/9045C
J17JK7	D8J130174-006	8081A/8310/6010B/7471A/9056/9045C	8081A/8310/6010B/7471A/9056/9045C
J17JK8	D8J130174-007	8081A/8310/6010B/7471A/9056/9045C	8081A/8310/6010B/7471A/9056/9045C
J17JK9	D8J130174-008	8081A/8310/6010B/7471A/9056/9045C	8081A/8310/6010B/7471A/9056/9045C
J17JL0	D8J130174-009	8081A/8310/6010B/7471A/9056/9045C	8081A/8310/6010B/7471A/9056/9045C
J17JL1	D8J130174-010	8081A/8310/6010B/7471A/9056/9045C	8081A/8310/6010B/7471A/9056/9045C
J17JL2	D8J130174-011	8081A/8310/6010B/7471A/9056/9045C	8081A/8310/6010B/7471A/9056/9045C
J17JL3	D8J130174-012	8081A/8310/6010B/7471A/9056/9045C	8081A/8310/6010B/7471A/9056/9045C
J17JL4	D8J130174-013	8081A/8310/6010B/7471A/9056/9045C	8081A/8310/6010B/7471A/9056/9045C
J17JL5	D8J130174-014	8081A/8310/6010B/7471A/9056/9045C	8081A/8310/6010B/7471A/9056/9045C
J17JL6	D8J130174-015	8081A/8310/6010B/7471A/9056/9045C	8081A/8310/6010B/7471A/9056/9045C

Dilution factors and qualifiers are provided to assist in the interpretation of the results. In some cases, due to interferences or analytes present above the linear calibration curve, samples must be analyzed at a dilution. For samples analyzed at a dilution, the reporting limits are adjusted relative to the dilution required. Dilutions made for reasons other than the presence of target compounds are addressed in the Supplemental QC Information section.

This report includes reporting limits (RLs) less than TestAmerica Denver's practical quantitation limits. These reporting limits are being used specifically at the client's request to meet the needs of this project. Please note that data are not normally reported to these levels without qualification, since they are inherently less reliable and potentially less defensible than required by the current NELAC standards. Please note that Non-Detect (ND) results have been evaluated down to the Method Detection Limit (MDL) and should be considered ND at the MDL. The results, RLs and MDLs included in this report have been adjusted for dry weight.

TestAmerica utilizes USEPA approved methods in all analytical work. The results apply only to the samples included in this report and meet all requirements of NELAC. All data have been reviewed for compliance with the laboratory QA/QC plan and have been found to be compliant with laboratory protocols, with the exception of any items noted below.

SUPPLEMENTAL QC INFORMATION

Sample Receipt

Samples were received in good condition at temperatures of 5.8°C, 5.7°C and 5.4°C. No anomalies were encountered during sample receipt.

GC Semivolatiles – SW846 8081A – Pesticides

Sample J17JL4 exhibited surrogate recoveries outside the QC control limits. No matrix effects were obvious that would explain the failures. Upon re-extraction and reanalysis, surrogate recoveries were 100% in control. Both the original and reanalysis data have been provided, as re-extraction was unavoidably performed outside the recommended sample holding time.

Surrogate Decachlorobiphenyl was recovered outside the QC control limits, biased high, in sample J17JL5. This anomaly is due to obvious matrix interference; therefore, corrective action is deemed unnecessary. The laboratory noted that the sample chromatogram shows large non-target peaks co-eluting with the surrogate peak. This is interfering with recovery and quantitation of the surrogate.

The RPD between the primary and confirmation columns exceeded 40% for Dieldrin in sample J17JL5. The lower of the two values has been reported, as matrix interference is evident. The result in the analytical report has been flagged with an "X".

The MS/MSD performed on sample J17JK9 in QC batch 8288264 exhibited spike compound recoveries, RPD data and surrogate recoveries outside the QC control limits. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

Continuing Calibration Verification (CCV) standards exhibited %Difference (%D) values >15%, biased low, for 4,4'-DDT and Methoxychlor. The overall mean %D is ≤15%; therefore, method criteria have been met and corrective action is deemed unnecessary. It can be noted that a bracketing RL standard was used to demonstrate acceptable instrument sensitivity.

No other anomalies were encountered.

HPLC – SW846 8310 – PAHs

The RPD between the primary and confirmation columns exceeded 40% for analytes in samples J17JK4 and J17JL5. The lower of the two values have been reported, as matrix interference is evident. Associated results in the analytical report have been flagged with an "X".

No other anomalies were encountered.

Total Metals – SW846 6010B/7471A

Low levels of Barium and Zinc are present in the method blank associated with QC batch 8288134. Because the concentrations in the method blank are not present at levels greater than the reporting limits, corrective action is deemed unnecessary.

The duplicate analysis of sample J17JK2 exhibited RPD data outside the QC control limits for Lead. It can be noted that the RPD was calculated based on a value below the method detection limit, and as such, could not be reliably calculated.

No other anomalies were encountered.

Anions – SW846 9056

Low levels of Nitrate are present in the method blank associated with QC batch 8295071. Because the concentration in the method blank is not present at a level greater than the reporting limit, corrective action is deemed unnecessary.

Anions – SW846 9056 (cont.)
The Chloride and Sulfate duplicate analyses of sample J17JK3 exhibited RPD data outside the QC control limits. It can be noted that the RPDs were calculated based on estimated values present below the reporting limits. The acceptable LCS analysis data indicated that the analytical systems were operating within control.

No other anomalies were encountered.

pH – SW846 9045C
No anomalies were encountered.

I certify that this data package is in compliance with the SOW, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager or a designee, as verified by the following signature.

Reviewed and Approved:

Kae E. Yoder
Project Manager

Quality Control Definitions of Qualifiers

Qualifier	Definition
*	Surrogate or Relative Percent Difference (RPD) for the MS/MSD is outside control limits.
>	Wetchem: Result greater than the upper limit of the analytical range.
B	Organics: Method blank contamination. The associated method blank contains the target analyte at a reportable level. Inorganics: Estimated result. Result is less than the RL, but greater than the MDL.
C	The analyte was detected in both the sample and the associated QC blank, and the sample concentration was </= 5x the blank concentration.
Y	Organics: More than 40% difference between the primary and confirmation detector results. The higher of the two results is reported.
X	Organics: More than 40% difference between the primary and confirmation detector results. The lower of the two results is reported.
D	Organics/Wetchem: Analyte was identified in an analysis at a secondary dilution factor.
DIL	The concentration is estimated or not reported due to dilution or the presence of interfering analytes.
E	Organics: The concentration exceeds the calibration range. Inorganics: Reported value is estimated due to matrix interference.
A	Organics: The TIC is a suspected aldol-condensation product.
J	Organics: Estimated result. Result is less than RL. Estimated result – TIC.
M	Inorganics: Sample duplicate precision not met.
MSB	The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.
N	All (except GCMS): MS/MSD recovery is outside control limits.
NC	The recovery and/or RPD were not calculated.
P	Organics (PCB only): Aroclor target analyte with greater than 25% difference between column analyses.
U	All: Analyzed for but not detected above limiting criteria.
L	Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

5.8 5.7 5.4 10/10/08 Sm

Washington Closure Hanford	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	RC-075-018	Page 1 of 2

Collector: D.W.Shea/subcontractor, Shana Schmidt	Company Contact: D.W.Shea	Telephone No.: 521-6014	Project Coordinator: KESSNER, JH
Price Code: 8K	Data Turnaround: 15 days		
Project Designation: 100-D/DR Burial Grounds & Remaining Sites - Soil Full Prot	Sampling Location: 100-D-31:6, Verification I		SAF No.: RC-075
Ice Chest No.	Field Logbook No.: EL-1607-4	COA: R00D312000	Method of Shipment: Fed EX
Shipped To: EBERLINE SERVICES / LIONVILLE	Offsite Property No.: seee OPSC		Bill of Lading/Air Bill No.

POSSIBLE SAMPLE HAZARDS/REMARKS

None known

Special Handling and/or Storage

Preservation	None	Cool 4C	Cool 4C	Cool 4C	Cool 4C						
Type of Container	G/P	G/P	G/P	aG	aG						
No. of Container(s)	1	1	1	1	1						
Volume	250mL	60mL	125mL	125mL	250g						
SAMPLE ANALYSIS	See item (1) in Special Instructions.	Chromium Hex - 7196	IC Anions - 300.0; pH (Soil) - 9045	Pesticides - 8081	PAHs - 8310						

Sample No.	Matrix *	Sample Date	Sample Time										
J17JK2	SOIL	10/7/08	0844	✓	✓	~~✓~~	~~✓~~	✓					
J17JK3	SOIL		1517	✓	✓	✓	✓	✓					
J17JK4	SOIL		1041	✓	✓	✓	✓	✓					
J17JK5	SOIL		1512	✓	✓	✓	✓	✓					
J17JK6	SOIL		1542	✓	✓	✓	✓	✓					

CHAIN OF POSSESSION — **Sign/Print Names**

Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time
Shana Schmidt	10-7-08 1553	DWShea DWSHEA	10/7/08 1553
DWShea DWSHEA	10/7/08 1758	Fridge 3A	10/7/08 1758
Fridge 3A/J.E. Bewhal	0815 10-9-08	J.E. Bewhal	0815 10-9-08
J.E. Bewhal	0900 10-9-08	[illegible]	0900 10-9-08
[illegible]	915 10-9-08	[illegible]	10/10/08 0900
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time

SPECIAL INSTRUCTIONS

(1) ICP Metals - 6010 (Client List) {~~Aluminum~~, Antimony, Arsenic, Barium, Beryllium, ~~Bismuth~~, Boron, Cadmium, ~~Calcium~~, Chromium, Cobalt, Copper, ~~Iron~~, Lead, ~~Lithium, Magnesium~~, Manganese, Molybdenum, ~~Nickel, Phosphorus, Potassium~~, Selenium, ~~Silicon~~, Silver, ~~Sodium, Strontium~~, ~~Thallium, Tin, Uranium~~, Vanadium, Zinc} and Hg via CVAA DWShea 10/7/08

Chromium to Be done at Richland SKS 10/9/08

Matrix *

S=Soil
SE=Sediment
SO=Solid
SL=Sludge
W = Water
O=Oil
A=Air
DS=Drum Solids
DL=Drum Liquids
T=Tissue
WI=Wipe
L=Liquid
V=Vegetation
X=Other

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

WCH-EE-011

TestAmerica

Washington Closure Hanford	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	RC-075-018	Page 2 of 5

Collector: D.W.Shea/subcontractor Shane Schmidt	Company Contact: D.W.Shea	Telephone No.: 521-6014	Project Coordinator: KESSNER, JH
Price Code: 8K	Data Turnaround: 15 days		
Project Designation: 100-D/DR Burial Grounds & Remaining Sites - Soil Full Prot.	Sampling Location: 100-D-31:6, Verification I		SAF No.: RC-075
Ice Chest No.	Field Logbook No.: EL-1607-4	COA: R00D312000	Method of Shipment: Fed EX
Shipped To: EBERLINE SERVICES / LIONVILLE	Offsite Property No.: seee OPSC		Bill of Lading/Air Bill No.

POSSIBLE SAMPLE HAZARDS/REMARKS

None known

Special Handling and/or Storage

Preservation			None	Cool 4C	Cool 4C	Cool 4C	Cool 4C				
Type of Container			G/P	G/P	G/P	aG	aG				
No. of Container(s)			1	1	1	1	1				
Volume			250mL	60mL	125mL	125mL	250g				
SAMPLE ANALYSIS			See item (1) in Special Instructions.	Chromium Hex - 7196	IC Anions - 300.0; pH (Soil) - 9045	Pesticides - 8081	PAHs - 8310				
Sample No.	Matrix *	Sample Date	Sample Time								
J17JK7	SOIL	10/7/08	1507	✓	✓	✓	✓	✓			
J17JK8	SOIL	↓	1509	✓	✓	✓	✓	✓			
J17JK9	SOIL	↓	1049	✓	✓	✓	✓	✓			
J17JL0	SOIL	↓	1539	✓	✓	✓	✓	✓			
J17JL1	SOIL	↓	1536	✓	✓	✓	✓	✓			

CHAIN OF POSSESSION	Sign/Print Names	
Relinquished By/Removed From: Shane Schmidt 10-9-08	Date/Time: 15:53	Received By/Stored In: DWSHEA DWSHEA 10/7/08
Date/Time: 1553		
Relinquished By/Removed From: DWSHEA DWSHEA 10/7/08	Date/Time: 1758	Received By/Stored In: Fridge 3A
Date/Time: 10/7/08 1758		
Relinquished By/Removed From: Fridge 3A/J.E. Bernhel	Date/Time: 0815 10-9-08	Received By/Stored In: J.E. Bernhel
Date/Time: 0815 10-9-08		
Relinquished By/Removed From: J. E. Bernhel	Date/Time: 0900 10-9-08	Received By/Stored In: [illegible]
Date/Time: 0900 10-9-08		
Relinquished By/Removed From: [illegible]	Date/Time: 9:15 10-9-08	Received By/Stored In: [illegible]
Date/Time: 10/10/08 0900		
Relinquished By/Removed From	Date/Time	Received By/Stored In
Date/Time		

SPECIAL INSTRUCTIONS

(1) ICP Metals - 6010 (Client List) {~~Aluminum~~, Antimony, Arsenic, Barium, Beryllium, ~~Bismuth~~, Boron, Cadmium, ~~Calcium~~, Chromium, Cobalt, Copper, ~~Iron~~, Lead, ~~Lithium, Magnesium~~, Manganese, Molybdenum, ~~Nickel, Phosphorus, Potassium~~, Selenium, ~~Silicon~~, Silver, ~~Sodium~~, ~~Strontium~~, ~~Thallium~~, ~~Tin, Uranium~~, Vanadium, Zinc} and Hg via CVAA DWSHEA 10/7/08

Chromium TO Be done at Richland
SKS 10/9/08

Matrix *
S=Soil
SE=Sediment
SD=Solid
SI=Sludge
W = Water
O=Oil
A=Air
DS=Drum Solids
DL=Drum Liquids
T=Tissue
WI=Wipe
L=Liquid
V=Vegetation
X=Other

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

WCH-EE-011

TestAmerica

Washington Closure Hanford	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	RC-075-018	Page 3 of 5

Collector: D.W.Shea/subcontractor Shana Schmidt	Company Contact: D.W.Shea	Telephone No.: 521-6014	Project Coordinator: KESSNER, JH
Price Code: 8K	Data Turnaround: 15 days		
Project Designation: 100-D/DR Burial Grounds & Remaining Sites - Soil Full Prot	Sampling Location: 100-D-31:6, Verification I		SAF No.: RC-075
Ice Chest No.	Field Logbook No.: EL-1607-4	COA: R00D312000	Method of Shipment: Fed EX
Shipped To: EBERLINE SERVICES / LIONVILLE	Offsite Property No.: seee OPSC		Bill of Lading/Air Bill No.

POSSIBLE SAMPLE HAZARDS/REMARKS

None known

Special Handling and/or Storage

Preservation			None	Cool 4C	Cool 4C	Cool 4C	Cool 4C				
Type of Container			G/P	G/P	G/P	aG	aG				
No. of Container(s)			1	1	1	1	1				
Volume			250mL	60mL	125mL	125mL	250g				
SAMPLE ANALYSIS			See item (1) in Special Instructions.	Chromium Hex - 7196	IC Anions - 300.0; pH (Soil) - 9045	Pesticides - 8081	PAHs - 8310				
Sample No.	Matrix *	Sample Date	Sample Time								
J17JL2	SOIL	10/7/08	1106	✓	✓	✓	✓	✓			
J17JL3	SOIL		1049	✓	✓	✓	✓	✓			
J17JL4	SOIL		0927	✓	✓	✓	✓	✓			
J17JL5	SOIL		1357	✓	✓	✓	✓	✓			
J17JL6	SOIL		1408	✓	✓	✓	✓	✓			

CHAIN OF POSSESSION — **Sign/Print Names**

Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time
Shana Schmidt	10-7-08 15:53	DWSHEA DWShea	10/7/08 1553
DWShea DWSHEA	10/7/08 1758	Fridge 3A	10/7/08 1758
Fridge 3A/J.E. Bentel	10-9-08 0815	J.E. Bentel	10-9-08 0815
J.E. Bentel	10-9-08 0900	[illegible]	10-9-08 0900
[illegible]	10-9-08 9:15	[illegible]	10/10/08 0900
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time

SPECIAL INSTRUCTIONS

(1) ICP Metals - 6010 (Client List) ~~(Aluminum~~, Antimony, Arsenic, Barium, Beryllium, ~~Bismuth~~, Boron, Cadmium, ~~Calcium~~, Chromium, Cobalt, Copper, ~~Iron~~, Lead, ~~Lithium, Magnesium~~, Manganese, Molybdenum, ~~Nickel, Phosphorus, Potassium~~, Selenium, ~~Silicon~~, Silver, ~~Sodium, Strontium, Thallium, Tin, Uranium~~, Vanadium, Zinc) and Hg via CVAA DWShea 10/7/08

Chromium TO Be done at Richland SKS 10/9/08

Matrix *
S=Soil
SE=Sediment
SO=Solid
SI=Sludge
W = Water
O=Oil
A=Air
DS=Drum Solids
DL=Drum Liquids
T=Tissue
WI=Wipe
L=Liquid
V=Vegetation
X=Other

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

WCH-EE-011

TestAmerica

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Q#80185-B

Sample Check-in List

Date/Time Received: 10/10/08 0900 **GM Screen Result** 11/11/13 **microR/hr**

Client: Washington Closure Hanford **SDG #:** J00205 **NA[ ]** **SAF #:** _____ **NA [ ]**

Work Order Number: D8J130174 **Chain of Custody #** RC-075-018

Shipping Container ID: TNU-052, ERC-02007 **Air Bill #** 7919 6755 1632

1. Custody Seals on shipping container intact? NA [ ] Yes [✓] No [ ]
2. Custody Seals dated and signed? NA [ ] Yes [✓] No [ ]
3. Chain of Custody record present? NA [ ] Yes [✓] No [ ]
4. Cooler Temperature: 5.8°, 5.7°, 5.4° NA [ ] 5. Vermiculite/packing materials is NA [ ] Wet [✗] Dry [✓]
6. Number of samples in shipping container: 15
7. Sample holding times exceeded? NA [ ] Yes [ ] No [✗]
8. Samples have:
   - _____ Tape
   - ✓ Custody Seals
   - _____ Hazard Lables
   - ✓ Appropriate Sample Lables
9. Samples are:
   - ✓ In Good Condition
   - _____ Broken
   - _____ Leaking
   - _____ Have Air Bubbles (Only for samples requiring no head space.)
10. Sample pH taken? NA [✓] pH<2 [ ] pH>2 [ ] pH>9 [ ] **Amount HNO_3 Added** _____
11. Sample Location, Sample Collector Listed? *
    *For documentation only. No corrective action needed.
12. Were any anomalies identified in sample receipt? Yes [ ] No [✓]
13. Description of anomalies (include sample numbers): _____

Sample Custodian: _____ **Date:** 10/13/08

Client Sample ID	Analysis Requested	Condition	Comments/Action

Client Informed on _____ by _____ Person Contacted _____

[ ] No action necessary; process as is.

Project Manager Kai E. [illegible] Date 10/13/08

From: Origin ID: PSCA (509) 375-3131
Shipping Dept.
TESTAMERICA LABORATORIES
2800 GEORGE WASHINGTON WAY
RICHLAND, WA 99354

FedEx. Express

Ship Date: 09OCT08
ActWgt: 62 LB
CAD: 1033413/INET8091
Account#: S *********

Delivery Address Bar Code

SHIP TO: 3037360193 BILL THIRD PARTY
Sample Receiving Denver
TestAmerica Denver
4955 YARROW ST
ARVADA, CO 800024517

Ref # TNU 052
Invoice #
PO #
Dept #

FRI - 10OCT A1
TRK# 0201 7919 6755 1632 PRIORITY OVERNIGHT

80002
CO-US
DEN

XH WHHA

METHODS SUMMARY

D8J130174

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
ortho-Phosphate as P	SW846 9056	SW846 DI LEACH
Bromide	SW846 9056	SW846 DI LEACH
Chloride	SW846 9056	SW846 DI LEACH
Fluoride	SW846 9056	SW846 DI LEACH
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A	SW846 7471A
Method for Determination of Water Content of Soil	ASTM D 2216-90	ASTM D2216-90
Nitrate as N	SW846 9056	SW846 DI LEACH
Nitrite	SW846 9056	SW846 DI LEACH
Organochlorine Pesticides	SW846 8081A	SW846 3550B
Polynuclear Aromatic Hydrocarbons by HPLC	SW846 8310	SW846 3550
Soil and Waste pH	SW846 9045C	SW846 DI-LEACHA
Sulfate	SW846 9056	SW846 DI LEACH

References:

ASTM Annual Book Of ASTM Standards.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D8J130174

ANALYTICAL METHOD	ANALYST	ANALYST ID
ASTM D 2216-90	Dave Elkin	000901
SW846 6010B	Lynn-Anne Trudell	006645
SW846 6010B	Lynn-Anne Trudell	6645
SW846 7471A	Christopher Grisdale	009582
SW846 7471A	Christopher Grisdale	9582
SW846 8081A	Karla Vasquez	010205
SW846 8310	Heather Dybas	038161
SW846 9045C	Sarah Lambert	005039
SW846 9056	Ewa Kudla	001167
SW846 9056	Ewa Kudla	1167

References:

ASTM Annual Book Of ASTM Standards.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D8J130174

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
K0QL0	001	J17JK2	10/07/08	08:44
K0QL8	002	J17JK3	10/07/08	15:17
K0QMG	003	J17JK4	10/07/08	10:41
K0QMJ	004	J17JK5	10/07/08	15:12
K0QMP	005	J17JK6	10/07/08	15:42
K0QMQ	006	J17JK7	10/07/08	15:07
K0QMT	007	J17JK8	10/07/08	15:09
K0QMV	008	J17JK9	10/07/08	10:49
K0QMW	009	J17JL0	10/07/08	15:39
K0QM1	010	J17JL1	10/07/08	15:36
K0QM3	011	J17JL2	10/07/08	11:06
K0QM6	012	J17JL3	10/07/08	10:49
K0QM8	013	J17JL4	10/07/08	09:27
K0QM9	014	J17JL5	10/07/08	13:57
K0QNA	015	J17JL6	10/07/08	14:08

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

QC DATA ASSOCIATION SUMMARY

D8J130174

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SOLID	ASTM D 2216-90		8290357	8291161
	SOLID	SW846 7471A		8290295	8290314
	SOLID	SW846 6010B		8288134	8288088
	SOLID	SW846 8310		8288124	8288083
002	SOLID	SW846 9056		8295074	8295316
	SOLID	SW846 9056		8295070	8295315
	SOLID	SW846 9056		8295075	8295322
	SOLID	SW846 9056		8295071	8295320
	SOLID	SW846 9056		8295073	8295321
	SOLID	SW846 9056		8295069	8295319
	SOLID	SW846 9056		8295072	8295318
	SOLID	ASTM D 2216-90		8290357	8291161
	SOLID	SW846 9045C		8292095	8296044
	SOLID	SW846 7471A		8290295	8290314
	SOLID	SW846 8081A		8288264	8288169
	SOLID	SW846 6010B		8288134	8288088
	SOLID	SW846 8310		8288124	8288083
003	SOLID	SW846 9056		8295074	8295316
	SOLID	SW846 9056		8295070	8295315
	SOLID	SW846 9056		8295075	8295322
	SOLID	SW846 9056		8295071	8295320
	SOLID	SW846 9056		8295073	8295321
	SOLID	SW846 9056		8295069	8295319
	SOLID	SW846 9056		8295072	8295318
	SOLID	ASTM D 2216-90		8290357	8291161
	SOLID	SW846 9045C		8292095	8296044
	SOLID	SW846 7471A		8290295	8290314
	SOLID	SW846 8081A		8288264	8288169
	SOLID	SW846 6010B		8288134	8288088
	SOLID	SW846 8310		8288124	8288083
004	SOLID	SW846 9056		8295074	8295316
	SOLID	SW846 9056		8295070	8295315
	SOLID	SW846 9056		8295075	8295322
	SOLID	SW846 9056		8295071	8295320
	SOLID	SW846 9056		8295073	8295321
	SOLID	SW846 9056		8295069	8295319
	SOLID	SW846 9056		8295072	8295318
	SOLID	ASTM D 2216-90		8290357	8291161
	SOLID	SW846 9045C		8292095	8296044
	SOLID	SW846 7471A		8290295	8290314

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QC DATA ASSOCIATION SUMMARY

D8J130174

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
004	SOLID	SW846 8081A		8288264	8288169
	SOLID	SW846 6010B		8288134	8288088
	SOLID	SW846 8310		8288124	8288083
005	SOLID	SW846 9056		8295074	8295316
	SOLID	SW846 9056		8295070	8295315
	SOLID	SW846 9056		8295075	8295322
	SOLID	SW846 9056		8295071	8295320
	SOLID	SW846 9056		8295073	8295321
	SOLID	SW846 9056		8295069	8295319
	SOLID	SW846 9056		8295072	8295318
	SOLID	ASTM D 2216-90		8290357	8291161
	SOLID	SW846 9045C		8292095	8296044
	SOLID	SW846 7471A		8290295	8290314
	SOLID	SW846 8081A		8288264	8288169
	SOLID	SW846 6010B		8288134	8288088
	SOLID	SW846 8310		8288124	8288083
006	SOLID	SW846 9056		8295074	8295316
	SOLID	SW846 9056		8295070	8295315
	SOLID	SW846 9056		8295075	8295322
	SOLID	SW846 9056		8295071	8295320
	SOLID	SW846 9056		8295073	8295321
	SOLID	SW846 9056		8295069	8295319
	SOLID	SW846 9056		8295072	8295318
	SOLID	ASTM D 2216-90		8290357	8291161
	SOLID	SW846 9045C		8292095	8296044
	SOLID	SW846 7471A		8290295	8290314
	SOLID	SW846 8081A		8288264	8288169
	SOLID	SW846 6010B		8288134	8288088
	SOLID	SW846 8310		8288124	8288083
007	SOLID	SW846 9056		8295074	8295316
	SOLID	SW846 9056		8295070	8295315
	SOLID	SW846 9056		8295075	8295322
	SOLID	SW846 9056		8295071	8295320
	SOLID	SW846 9056		8295073	8295321
	SOLID	SW846 9056		8295069	8295319
	SOLID	SW846 9056		8295072	8295318
	SOLID	ASTM D 2216-90		8290357	8291161
	SOLID	SW846 9045C		8292095	8296044
	SOLID	SW846 7471A		8290295	8290314
	SOLID	SW846 8081A		8288264	8288169

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QC DATA ASSOCIATION SUMMARY

D8J130174

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
007	SOLID	SW846 6010B		8288134	8288088
	SOLID	SW846 8310		8288124	8288083
008	SOLID	SW846 9056		8295074	8295316
	SOLID	SW846 9056		8295070	8295315
	SOLID	SW846 9056		8295075	8295322
	SOLID	SW846 9056		8295071	8295320
	SOLID	SW846 9056		8295073	8295321
	SOLID	SW846 9056		8295069	8295319
	SOLID	SW846 9056		8295072	8295318
	SOLID	ASTM D 2216-90		8290357	8291161
	SOLID	SW846 9045C		8292095	8296044
	SOLID	SW846 7471A		8290295	8290314
	SOLID	SW846 8081A		8288264	8288169
	SOLID	SW846 6010B		8288134	8288088
	SOLID	SW846 8310		8288124	8288083
009	SOLID	SW846 9056		8295074	8295316
	SOLID	SW846 9056		8295070	8295315
	SOLID	SW846 9056		8295075	8295322
	SOLID	SW846 9056		8295071	8295320
	SOLID	SW846 9056		8295073	8295321
	SOLID	SW846 9056		8295069	8295319
	SOLID	SW846 9056		8295072	8295318
	SOLID	ASTM D 2216-90		8290357	8291161
	SOLID	SW846 9045C		8292095	8296044
	SOLID	SW846 7471A		8290295	8290314
	SOLID	SW846 8081A		8288264	8288169
	SOLID	SW846 6010B		8288134	8288088
	SOLID	SW846 8310		8288124	8288083
010	SOLID	SW846 9056		8295074	8295316
	SOLID	SW846 9056		8295070	8295315
	SOLID	SW846 9056		8295075	8295322
	SOLID	SW846 9056		8295071	8295320
	SOLID	SW846 9056		8295073	8295321
	SOLID	SW846 9056		8295069	8295319
	SOLID	SW846 9056		8295072	8295318
	SOLID	ASTM D 2216-90		8290357	8291161
	SOLID	SW846 9045C		8292095	8296044
	SOLID	SW846 7471A		8290295	8290314
	SOLID	SW846 8081A		8288264	8288169
	SOLID	SW846 6010B		8288134	8288088

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

D8J130174

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
010	SOLID	SW846 8310		8288124	8288083
011	SOLID	SW846 9056		8295074	8295316
	SOLID	SW846 9056		8295070	8295315
	SOLID	SW846 9056		8295075	8295322
	SOLID	SW846 9056		8295071	8295320
	SOLID	SW846 9056		8295073	8295321
	SOLID	SW846 9056		8295069	8295319
	SOLID	SW846 9056		8295072	8295318
	SOLID	ASTM D 2216-90		8290357	8291161
	SOLID	SW846 9045C		8292095	8296044
	SOLID	SW846 7471A		8290295	8290314
	SOLID	SW846 8081A		8288264	8288169
	SOLID	SW846 6010B		8288134	8288088
	SOLID	SW846 8310		8288124	8288083
012	SOLID	SW846 9056		8295074	8295316
	SOLID	SW846 9056		8295070	8295315
	SOLID	SW846 9056		8295075	8295322
	SOLID	SW846 9056		8295071	8295320
	SOLID	SW846 9056		8295073	8295321
	SOLID	SW846 9056		8295069	8295319
	SOLID	SW846 9056		8295072	8295318
	SOLID	ASTM D 2216-90		8290357	8291161
	SOLID	SW846 9045C		8292095	8296044
	SOLID	SW846 7471A		8290295	8290314
	SOLID	SW846 8081A		8288264	8288169
	SOLID	SW846 6010B		8288134	8288088
	SOLID	SW846 8310		8288124	8288083
013	SOLID	SW846 9056		8295074	8295316
	SOLID	SW846 9056		8295070	8295315
	SOLID	SW846 9056		8295075	8295322
	SOLID	SW846 9056		8295071	8295320
	SOLID	SW846 9056		8295073	8295321
	SOLID	SW846 9056		8295069	8295319
	SOLID	SW846 9056		8295072	8295318
	SOLID	ASTM D 2216-90		8290357	8291161
	SOLID	SW846 9045C		8292095	8296044
	SOLID	SW846 7471A		8290295	8290314
	SOLID	SW846 8081A		8288264	8288169
	SOLID	SW846 8081A		8297096	8297070
	SOLID	SW846 6010B		8288134	8288088

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

D8J130174

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
013	SOLID	SW846 8310		8288124	8288083
014	SOLID	SW846 9056		8295074	8295316
	SOLID	SW846 9056		8295070	8295315
	SOLID	SW846 9056		8295075	8295322
	SOLID	SW846 9056		8295071	8295320
	SOLID	SW846 9056		8295073	8295321
	SOLID	SW846 9056		8295069	8295319
	SOLID	SW846 9056		8295072	8295318
	SOLID	ASTM D 2216-90		8290357	8291161
	SOLID	SW846 9045C		8292095	8296044
	SOLID	SW846 7471A		8290295	8290314
	SOLID	SW846 8081A		8288264	8288169
	SOLID	SW846 6010B		8288134	8288088
	SOLID	SW846 8310		8288124	8288083
015	SOLID	SW846 9056		8295074	8295316
	SOLID	SW846 9056		8295070	8295315
	SOLID	SW846 9056		8295075	8295322
	SOLID	SW846 9056		8295071	8295320
	SOLID	SW846 9056		8295073	8295321
	SOLID	SW846 9056		8295069	8295319
	SOLID	SW846 9056		8295072	8295318
	SOLID	ASTM D 2216-90		8290357	8291161
	SOLID	SW846 9045C		8292095	8296044
	SOLID	SW846 7471A		8290295	8290314
	SOLID	SW846 8081A		8288264	8288169
	SOLID	SW846 6010B		8288134	8288088
	SOLID	SW846 8310		8288124	8288083

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THE LEADER IN ENVIRONMENTAL TESTING

Semivolatile GC

SW846 8081A

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-002
Matrix:	SOLID	**Lab WorkOrder:**	K0QL81AA
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8081A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 12:00
QC Batch ID:	8288264	**Date/Time Analyzed:**	10/20/08 20:38
Sample Aliquot:	30.95 g	**Instrument ID:**	P1
Dilution Factor:	0.97		

CAS No.	Analyte	Conc.	MDL	RL	Q
72-54-8	4,4'-DDD	0.54	0.54	1.7	U
72-55-9	4,4'-DDE	0.24	0.24	1.7	U
50-29-3	4,4'-DDT	0.59	0.59	2.0	U
309-00-2	Aldrin	0.25	0.25	1.6	U
319-84-6	alpha-BHC	0.21	0.21	1.6	U
5103-71-9	alpha-Chlordane	0.32	0.32	1.7	U
319-85-7	beta-BHC	0.28	0.28	1.6	U
319-86-8	delta-BHC	0.17	0.17	1.6	U
60-57-1	Dieldrin	0.21	0.21	1.7	U
959-98-8	Endosulfan I	0.18	0.18	1.6	U
33213-65-9	Endosulfan II	0.29	0.29	1.7	U
1031-07-8	Endosulfan sulfate	0.27	0.27	1.7	U
72-20-8	Endrin	0.30	0.30	1.7	U
7421-93-4	Endrin aldehyde	0.17	0.17	1.7	U
53494-70-5	Endrin ketone	0.21	0.21	1.7	U
58-89-9	gamma-BHC (Lindane)	0.14	0.14	1.6	U
5103-74-2	gamma-Chlordane	0.26	0.26	1.7	U
76-44-8	Heptachlor	0.21	0.21	1.6	U
1024-57-3	Heptachlor epoxide	0.42	0.42	1.6	U
72-43-5	Methoxychlor	0.45	0.45	3.3	U
8001-35-2	Toxaphene	16	16	160	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
2051-24-3	Decachlorobiphenyl	95	63	124	
877-09-8	Tetrachloro-m-xylene	85	59	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK4
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-003
Matrix:	SOLID	**Lab WorkOrder:**	K0QMG1AK
% Moisture:	4.0	**Date/Time Collected:**	10/07/08 10:41
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8081A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 12:00
QC Batch ID:	8288264	**Date/Time Analyzed:**	10/20/08 20:55
Sample Aliquot:	30.38 g	**Instrument ID:**	P1
Dilution Factor:	0.99		

CAS No.	Analyte	Conc.	MDL	RL	Q
72-54-8	4,4'-DDD	0.56	0.56	1.8	U
72-55-9	4,4'-DDE	0.25	0.25	1.8	U
50-29-3	4,4'-DDT	0.61	0.61	2.1	U
309-00-2	Aldrin	0.26	0.26	1.7	U
319-84-6	alpha-BHC	0.22	0.22	1.7	U
5103-71-9	alpha-Chlordane	0.33	0.33	1.8	U
319-85-7	beta-BHC	0.29	0.29	1.7	U
319-86-8	delta-BHC	0.17	0.17	1.7	U
60-57-1	Dieldrin	0.22	0.22	1.8	U
959-98-8	Endosulfan I	0.18	0.18	1.7	U
33213-65-9	Endosulfan II	0.30	0.30	1.8	U
1031-07-8	Endosulfan sulfate	0.28	0.28	1.8	U
72-20-8	Endrin	0.32	0.32	1.8	U
7421-93-4	Endrin aldehyde	0.18	0.18	1.8	U
53494-70-5	Endrin ketone	0.22	0.22	1.8	U
58-89-9	gamma-BHC (Lindane)	0.15	0.15	1.7	U
5103-74-2	gamma-Chlordane	0.27	0.27	1.8	U
76-44-8	Heptachlor	0.22	0.22	1.7	U
1024-57-3	Heptachlor epoxide	0.44	0.44	1.7	U
72-43-5	Methoxychlor	0.46	0.46	3.4	U
8001-35-2	Toxaphene	16	16	170	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
2051-24-3	Decachlorobiphenyl	98	63	124	
877-09-8	Tetrachloro-m-xylene	77	59	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK5
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-004
Matrix:	SOLID	**Lab WorkOrder:**	K0QMJ1AK
% Moisture:	3.2	**Date/Time Collected:**	10/07/08 15:12
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8081A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 12:00
QC Batch ID:	8288264	**Date/Time Analyzed:**	10/20/08 21:12
Sample Aliquot:	30.16 g	**Instrument ID:**	P1
Dilution Factor:	0.99		

CAS No.	Analyte	Conc.	MDL	RL	Q
72-54-8	4,4'-DDD	0.56	0.56	1.7	U
72-55-9	4,4'-DDE	0.24	0.24	1.7	U
50-29-3	4,4'-DDT	0.60	0.60	2.0	U
309-00-2	Aldrin	0.26	0.26	1.7	U
319-84-6	alpha-BHC	0.22	0.22	1.7	U
5103-71-9	alpha-Chlordane	0.33	0.33	1.7	U
319-85-7	beta-BHC	0.29	0.29	1.7	U
319-86-8	delta-BHC	0.17	0.17	1.7	U
60-57-1	Dieldrin	0.21	0.21	1.7	U
959-98-8	Endosulfan I	0.18	0.18	1.7	U
33213-65-9	Endosulfan II	0.29	0.29	1.7	U
1031-07-8	Endosulfan sulfate	0.28	0.28	1.7	U
72-20-8	Endrin	0.31	0.31	1.7	U
7421-93-4	Endrin aldehyde	0.17	0.17	1.7	U
53494-70-5	Endrin ketone	0.22	0.22	1.7	U
58-89-9	gamma-BHC (Lindane)	0.15	0.15	1.7	U
5103-74-2	gamma-Chlordane	0.27	0.27	1.7	U
76-44-8	Heptachlor	0.22	0.22	1.7	U
1024-57-3	Heptachlor epoxide	0.44	0.44	1.7	U
72-43-5	Methoxychlor	0.46	0.46	3.4	U
8001-35-2	Toxaphene	16	16	170	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
2051-24-3	Decachlorobiphenyl	65	63	124	
877-09-8	Tetrachloro-m-xylene	63	59	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK6
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-005
Matrix:	SOLID	**Lab WorkOrder:**	K0QMP1AK
% Moisture:	2.9	**Date/Time Collected:**	10/07/08 15:42
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8081A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 12:00
QC Batch ID:	8288264	**Date/Time Analyzed:**	10/20/08 21:28
Sample Aliquot:	30.85 g	**Instrument ID:**	P1
Dilution Factor:	0.97		

CAS No.	Analyte	Conc.	MDL	RL	Q
72-54-8	4,4'-DDD	0.55	0.55	1.7	U
72-55-9	4,4'-DDE	0.24	0.24	1.7	U
50-29-3	4,4'-DDT	0.59	0.59	2.0	U
309-00-2	Aldrin	0.25	0.25	1.6	U
319-84-6	alpha-BHC	0.21	0.21	1.6	U
5103-71-9	alpha-Chlordane	0.32	0.32	1.7	U
319-85-7	beta-BHC	0.29	0.29	1.6	U
319-86-8	delta-BHC	0.17	0.17	1.6	U
60-57-1	Dieldrin	0.21	0.21	1.7	U
959-98-8	Endosulfan I	0.18	0.18	1.6	U
33213-65-9	Endosulfan II	0.29	0.29	1.7	U
1031-07-8	Endosulfan sulfate	0.28	0.28	1.7	U
72-20-8	Endrin	0.31	0.31	1.7	U
7421-93-4	Endrin aldehyde	0.17	0.17	1.7	U
53494-70-5	Endrin ketone	0.21	0.21	1.7	U
58-89-9	gamma-BHC (Lindane)	0.14	0.14	1.6	U
5103-74-2	gamma-Chlordane	0.27	0.27	1.7	U
76-44-8	Heptachlor	0.21	0.21	1.6	U
1024-57-3	Heptachlor epoxide	0.43	0.43	1.6	U
72-43-5	Methoxychlor	0.45	0.45	3.3	U
8001-35-2	Toxaphene	16	16	160	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
2051-24-3	Decachlorobiphenyl	86	63	124	
877-09-8	Tetrachloro-m-xylene	81	59	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK7
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-006
Matrix:	SOLID	**Lab WorkOrder:**	K0QMQ1AK
% Moisture:	2.8	**Date/Time Collected:**	10/07/08 15:07
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8081A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 12:00
QC Batch ID:	8288264	**Date/Time Analyzed:**	10/20/08 21:45
Sample Aliquot:	30.32 g	**Instrument ID:**	P1
Dilution Factor:	0.99		

CAS No.	Analyte	Conc.	MDL	RL	Q
72-54-8	4,4'-DDD	0.56	0.56	1.7	U
72-55-9	4,4'-DDE	0.24	0.24	1.7	U
50-29-3	4,4'-DDT	0.60	0.60	2.0	U
309-00-2	Aldrin	0.26	0.26	1.7	U
319-84-6	alpha-BHC	0.22	0.22	1.7	U
5103-71-9	alpha-Chlordane	0.33	0.33	1.7	U
319-85-7	beta-BHC	0.29	0.29	1.7	U
319-86-8	delta-BHC	0.17	0.17	1.7	U
60-57-1	Dieldrin	0.21	0.21	1.7	U
959-98-8	Endosulfan I	0.18	0.18	1.7	U
33213-65-9	Endosulfan II	0.29	0.29	1.7	U
1031-07-8	Endosulfan sulfate	0.28	0.28	1.7	U
72-20-8	Endrin	0.31	0.31	1.7	U
7421-93-4	Endrin aldehyde	0.17	0.17	1.7	U
53494-70-5	Endrin ketone	0.22	0.22	1.7	U
58-89-9	gamma-BHC (Lindane)	0.15	0.15	1.7	U
5103-74-2	gamma-Chlordane	0.27	0.27	1.7	U
76-44-8	Heptachlor	0.22	0.22	1.7	U
1024-57-3	Heptachlor epoxide	0.43	0.43	1.7	U
72-43-5	Methoxychlor	0.46	0.46	3.4	U
8001-35-2	Toxaphene	16	16	170	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
2051-24-3	Decachlorobiphenyl	81	63	124	
877-09-8	Tetrachloro-m-xylene	75	59	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK8
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-007
Matrix:	SOLID	**Lab WorkOrder:**	K0QMT1AK
% Moisture:	3.7	**Date/Time Collected:**	10/07/08 15:09
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8081A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 12:00
QC Batch ID:	8288264	**Date/Time Analyzed:**	10/20/08 22:02
Sample Aliquot:	31.68 g	**Instrument ID:**	P1
Dilution Factor:	0.95		

CAS No.	Analyte	Conc.	MDL	RL	Q
72-54-8	4,4'-DDD	0.54	0.54	1.7	U
72-55-9	4,4'-DDE	0.23	0.23	1.7	U
50-29-3	4,4'-DDT	0.58	0.58	2.0	U
309-00-2	Aldrin	0.25	0.25	1.6	U
319-84-6	alpha-BHC	0.21	0.21	1.6	U
5103-71-9	alpha-Chlordane	0.32	0.32	1.7	U
319-85-7	beta-BHC	0.28	0.28	1.6	U
319-86-8	delta-BHC	0.16	0.16	1.6	U
60-57-1	Dieldrin	0.21	0.21	1.7	U
959-98-8	Endosulfan I	0.17	0.17	1.6	U
33213-65-9	Endosulfan II	0.28	0.28	1.7	U
1031-07-8	Endosulfan sulfate	0.27	0.27	1.7	U
72-20-8	Endrin	0.30	0.30	1.7	U
7421-93-4	Endrin aldehyde	0.17	0.17	1.7	U
53494-70-5	Endrin ketone	0.21	0.21	1.7	U
58-89-9	gamma-BHC (Lindane)	0.14	0.14	1.6	U
5103-74-2	gamma-Chlordane	0.26	0.26	1.7	U
76-44-8	Heptachlor	0.21	0.21	1.6	U
1024-57-3	Heptachlor epoxide	0.42	0.42	1.6	U
72-43-5	Methoxychlor	0.44	0.44	3.3	U
8001-35-2	Toxaphene	16	16	160	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
2051-24-3	Decachlorobiphenyl	75	63	124	
877-09-8	Tetrachloro-m-xylene	70	59	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK9
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-008
Matrix:	SOLID	**Lab WorkOrder:**	K0QMV1AK
% Moisture:	3.9	**Date/Time Collected:**	10/07/08 10:49
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8081A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 12:00
QC Batch ID:	8288264	**Date/Time Analyzed:**	10/20/08 22:18
Sample Aliquot:	30.02 g	**Instrument ID:**	P1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
72-54-8	4,4'-DDD	0.57	0.57	1.8	UN
72-55-9	4,4'-DDE	0.25	0.25	1.8	UN
50-29-3	4,4'-DDT	0.61	0.61	2.1	UN
309-00-2	Aldrin	0.26	0.26	1.7	UN
319-84-6	alpha-BHC	0.22	0.22	1.7	UN
5103-71-9	alpha-Chlordane	0.34	0.34	1.8	UN
319-85-7	beta-BHC	0.30	0.30	1.7	UN
319-86-8	delta-BHC	0.17	0.17	1.7	UN
60-57-1	Dieldrin	0.22	0.22	1.8	UN
959-98-8	Endosulfan I	0.18	0.18	1.7	UN
33213-65-9	Endosulfan II	0.30	0.30	1.8	UN
1031-07-8	Endosulfan sulfate	0.29	0.29	1.8	UN
72-20-8	Endrin	0.32	0.32	1.8	UN
7421-93-4	Endrin aldehyde	0.18	0.18	1.8	UN
53494-70-5	Endrin ketone	0.22	0.22	1.8	UN
58-89-9	gamma-BHC (Lindane)	0.15	0.15	1.7	UN
5103-74-2	gamma-Chlordane	0.28	0.28	1.8	UN
76-44-8	Heptachlor	0.22	0.22	1.7	UN
1024-57-3	Heptachlor epoxide	0.44	0.44	1.7	UN
72-43-5	Methoxychlor	0.47	0.47	3.4	UN
8001-35-2	Toxaphene	16	16	170	UN

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
2051-24-3	Decachlorobiphenyl	94	63	124	
877-09-8	Tetrachloro-m-xylene	82	59	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL0
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-009
Matrix:	SOLID	**Lab WorkOrder:**	K0QMW1AK
% Moisture:	3.0	**Date/Time Collected:**	10/07/08 15:39
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8081A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 12:00
QC Batch ID:	8288264	**Date/Time Analyzed:**	10/20/08 23:59
Sample Aliquot:	30.08 g	**Instrument ID:**	P1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
72-54-8	4,4'-DDD	0.56	0.56	1.8	U
72-55-9	4,4'-DDE	0.25	0.25	1.8	U
50-29-3	4,4'-DDT	0.61	0.61	2.1	U
309-00-2	Aldrin	0.26	0.26	1.7	U
319-84-6	alpha-BHC	0.22	0.22	1.7	U
5103-71-9	alpha-Chlordane	0.33	0.33	1.8	U
319-85-7	beta-BHC	0.29	0.29	1.7	U
319-86-8	delta-BHC	0.17	0.17	1.7	U
60-57-1	Dieldrin	0.22	0.22	1.8	U
959-98-8	Endosulfan I	0.18	0.18	1.7	U
33213-65-9	Endosulfan II	0.30	0.30	1.8	U
1031-07-8	Endosulfan sulfate	0.28	0.28	1.8	U
72-20-8	Endrin	0.32	0.32	1.8	U
7421-93-4	Endrin aldehyde	0.18	0.18	1.8	U
53494-70-5	Endrin ketone	0.22	0.22	1.8	U
58-89-9	gamma-BHC (Lindane)	0.15	0.15	1.7	U
5103-74-2	gamma-Chlordane	0.27	0.27	1.8	U
76-44-8	Heptachlor	0.22	0.22	1.7	U
1024-57-3	Heptachlor epoxide	0.44	0.44	1.7	U
72-43-5	Methoxychlor	0.46	0.46	3.4	U
8001-35-2	Toxaphene	16	16	170	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
2051-24-3	Decachlorobiphenyl	77	63	124	
877-09-8	Tetrachloro-m-xylene	64	59	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL1
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-010
Matrix:	SOLID	**Lab WorkOrder:**	K0QM11AK
% Moisture:	3.3	**Date/Time Collected:**	10/07/08 15:36
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8081A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 12:00
QC Batch ID:	8288264	**Date/Time Analyzed:**	10/21/08 00:16
Sample Aliquot:	30.14 g	**Instrument ID:**	P1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
72-54-8	4,4'-DDD	0.56	0.56	1.8	U
72-55-9	4,4'-DDE	0.25	0.25	1.8	U
50-29-3	4,4'-DDT	0.61	0.61	2.1	U
309-00-2	Aldrin	0.26	0.26	1.7	U
319-84-6	alpha-BHC	0.22	0.22	1.7	U
5103-71-9	alpha-Chlordane	0.33	0.33	1.8	U
319-85-7	beta-BHC	0.30	0.30	1.7	U
319-86-8	delta-BHC	0.17	0.17	1.7	U
60-57-1	Dieldrin	0.22	0.22	1.8	U
959-98-8	Endosulfan I	0.18	0.18	1.7	U
33213-65-9	Endosulfan II	0.30	0.30	1.8	U
1031-07-8	Endosulfan sulfate	0.29	0.29	1.8	U
72-20-8	Endrin	0.32	0.32	1.8	U
7421-93-4	Endrin aldehyde	0.18	0.18	1.8	U
53494-70-5	Endrin ketone	0.22	0.22	1.8	U
58-89-9	gamma-BHC (Lindane)	0.15	0.15	1.7	U
5103-74-2	gamma-Chlordane	0.28	0.28	1.8	U
76-44-8	Heptachlor	0.22	0.22	1.7	U
1024-57-3	Heptachlor epoxide	0.44	0.44	1.7	U
72-43-5	Methoxychlor	0.47	0.47	3.4	U
8001-35-2	Toxaphene	16	16	170	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
2051-24-3	Decachlorobiphenyl	90	63	124	
877-09-8	Tetrachloro-m-xylene	79	59	115	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL2
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-011
Matrix:	SOLID	**Lab WorkOrder:**	K0QM31AK
% Moisture:	5.0	**Date/Time Collected:**	10/07/08 11:06
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8081A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 12:00
QC Batch ID:	8288264	**Date/Time Analyzed:**	10/21/08 00:32
Sample Aliquot:	30.25 g	**Instrument ID:**	P1
Dilution Factor:	0.99		

CAS No.	Analyte	Conc.	MDL	RL	Q
72-54-8	4,4'-DDD	0.57	0.57	1.8	U
72-55-9	4,4'-DDE	0.25	0.25	1.8	U
50-29-3	4,4'-DDT	0.61	0.61	2.1	U
309-00-2	Aldrin	0.26	0.26	1.7	U
319-84-6	alpha-BHC	0.22	0.22	1.7	U
5103-71-9	alpha-Chlordane	0.34	0.34	1.8	U
319-85-7	beta-BHC	0.30	0.30	1.7	U
319-86-8	delta-BHC	0.17	0.17	1.7	U
60-57-1	Dieldrin	0.22	0.22	1.8	U
959-98-8	Endosulfan I	0.18	0.18	1.7	U
33213-65-9	Endosulfan II	0.30	0.30	1.8	U
1031-07-8	Endosulfan sulfate	0.29	0.29	1.8	U
72-20-8	Endrin	0.32	0.32	1.8	U
7421-93-4	Endrin aldehyde	0.18	0.18	1.8	U
53494-70-5	Endrin ketone	0.22	0.22	1.8	U
58-89-9	gamma-BHC (Lindane)	0.15	0.15	1.7	U
5103-74-2	gamma-Chlordane	0.28	0.28	1.8	U
76-44-8	Heptachlor	0.22	0.22	1.7	U
1024-57-3	Heptachlor epoxide	0.44	0.44	1.7	U
72-43-5	Methoxychlor	0.47	0.47	3.4	U
8001-35-2	Toxaphene	16	16	170	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
2051-24-3	Decachlorobiphenyl	84	63	124	
877-09-8	Tetrachloro-m-xylene	77	59	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL3
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-012
Matrix:	SOLID	**Lab WorkOrder:**	K0QM61AK
% Moisture:	4.2	**Date/Time Collected:**	10/07/08 10:49
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8081A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 12:00
QC Batch ID:	8288264	**Date/Time Analyzed:**	10/21/08 01:06
Sample Aliquot:	31.1 g	**Instrument ID:**	P1
Dilution Factor:	0.96		

CAS No.	Analyte	Conc.	MDL	RL	Q
72-54-8	4,4'-DDD	0.55	0.55	1.7	U
72-55-9	4,4'-DDE	0.24	0.24	1.7	U
50-29-3	4,4'-DDT	0.59	0.59	2.0	U
309-00-2	Aldrin	0.25	0.25	1.7	U
319-84-6	alpha-BHC	0.21	0.21	1.7	U
5103-71-9	alpha-Chlordane	0.32	0.32	1.7	U
319-85-7	beta-BHC	0.29	0.29	1.7	U
319-86-8	delta-BHC	0.17	0.17	1.7	U
60-57-1	Dieldrin	0.21	0.21	1.7	U
959-98-8	Endosulfan I	0.18	0.18	1.7	U
33213-65-9	Endosulfan II	0.29	0.29	1.7	U
1031-07-8	Endosulfan sulfate	0.28	0.28	1.7	U
72-20-8	Endrin	0.31	0.31	1.7	U
7421-93-4	Endrin aldehyde	0.17	0.17	1.7	U
53494-70-5	Endrin ketone	0.21	0.21	1.7	U
58-89-9	gamma-BHC (Lindane)	0.14	0.14	1.7	U
5103-74-2	gamma-Chlordane	0.27	0.27	1.7	U
76-44-8	Heptachlor	0.21	0.21	1.7	U
1024-57-3	Heptachlor epoxide	0.43	0.43	1.7	U
72-43-5	Methoxychlor	0.45	0.45	3.3	U
8001-35-2	Toxaphene	16	16	170	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
2051-24-3	Decachlorobiphenyl	96	63	124	
877-09-8	Tetrachloro-m-xylene	79	59	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL4
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-013
Matrix:	SOLID	**Lab WorkOrder:**	K0QM81AK
% Moisture:	2.6	**Date/Time Collected:**	10/07/08 09:27
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8081A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 12:00
QC Batch ID:	8288264	**Date/Time Analyzed:**	10/21/08 01:23
Sample Aliquot:	30.3 g	**Instrument ID:**	P1
Dilution Factor:	0.99		

CAS No.	Analyte	Conc.	MDL	RL	Q
72-54-8	4,4'-DDD	0.55	0.55	1.7	U
72-55-9	4,4'-DDE	0.24	0.24	1.7	U
50-29-3	4,4'-DDT	0.60	0.60	2.0	U
309-00-2	Aldrin	0.26	0.26	1.7	U
319-84-6	alpha-BHC	0.22	0.22	1.7	U
5103-71-9	alpha-Chlordane	0.33	0.33	1.7	U
319-85-7	beta-BHC	0.29	0.29	1.7	U
319-86-8	delta-BHC	0.17	0.17	1.7	U
60-57-1	Dieldrin	0.21	0.21	1.7	U
959-98-8	Endosulfan I	0.18	0.18	1.7	U
33213-65-9	Endosulfan II	0.29	0.29	1.7	U
1031-07-8	Endosulfan sulfate	0.28	0.28	1.7	U
72-20-8	Endrin	0.31	0.31	1.7	U
7421-93-4	Endrin aldehyde	0.17	0.17	1.7	U
53494-70-5	Endrin ketone	0.22	0.22	1.7	U
58-89-9	gamma-BHC (Lindane)	0.15	0.15	1.7	U
5103-74-2	gamma-Chlordane	0.27	0.27	1.7	U
76-44-8	Heptachlor	0.22	0.22	1.7	U
1024-57-3	Heptachlor epoxide	0.43	0.43	1.7	U
72-43-5	Methoxychlor	0.46	0.46	3.4	U
8001-35-2	Toxaphene	16	16	170	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
2051-24-3	Decachlorobiphenyl	0.61	63	124	*
877-09-8	Tetrachloro-m-xylene	4.1	59	115	*

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL4
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-013
Matrix:	SOLID	**Lab WorkOrder:**	K0QM82AK
% Moisture:	2.6	**Date/Time Collected:**	10/07/08 09:27
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8081A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/23/08 12:00
QC Batch ID:	8297096	**Date/Time Analyzed:**	10/28/08 03:18
Sample Aliquot:	30.19 g	**Instrument ID:**	P1
Dilution Factor:	0.99		

CAS No.	Analyte	Conc.	MDL	RL	Q
72-54-8	4,4'-DDD	0.55	0.55	1.7	U
72-55-9	4,4'-DDE	0.24	0.24	1.7	U
50-29-3	4,4'-DDT	0.60	0.60	2.0	U
309-00-2	Aldrin	0.26	0.26	1.7	U
319-84-6	alpha-BHC	0.22	0.22	1.7	U
5103-71-9	alpha-Chlordane	0.33	0.33	1.7	U
319-85-7	beta-BHC	0.29	0.29	1.7	U
319-86-8	delta-BHC	0.17	0.17	1.7	U
60-57-1	Dieldrin	0.21	0.21	1.7	U
959-98-8	Endosulfan I	0.18	0.18	1.7	U
33213-65-9	Endosulfan II	0.29	0.29	1.7	U
1031-07-8	Endosulfan sulfate	0.28	0.28	1.7	U
72-20-8	Endrin	0.31	0.31	1.7	U
7421-93-4	Endrin aldehyde	0.17	0.17	1.7	U
53494-70-5	Endrin ketone	0.22	0.22	1.7	U
58-89-9	gamma-BHC (Lindane)	0.15	0.15	1.7	U
5103-74-2	gamma-Chlordane	0.27	0.27	1.7	U
76-44-8	Heptachlor	0.22	0.22	1.7	U
1024-57-3	Heptachlor epoxide	0.43	0.43	1.7	U
72-43-5	Methoxychlor	0.46	0.46	3.4	U
8001-35-2	Toxaphene	16	16	170	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
2051-24-3	Decachlorobiphenyl	98	63	124	
877-09-8	Tetrachloro-m-xylene	81	59	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL5
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-014
Matrix:	SOLID	**Lab WorkOrder:**	K0QM91AK
% Moisture:	2.7	**Date/Time Collected:**	10/07/08 13:57
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8081A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 12:00
QC Batch ID:	8288264	**Date/Time Analyzed:**	10/21/08 01:39
Sample Aliquot:	31.32 g	**Instrument ID:**	P1
Dilution Factor:	0.96		

CAS No.	Analyte	Conc.	MDL	RL	Q
72-54-8	4,4'-DDD	0.54	0.54	1.7	U
72-55-9	4,4'-DDE	0.23	0.23	1.7	U
50-29-3	4,4'-DDT	0.58	0.58	2.0	U
309-00-2	Aldrin	0.25	0.25	1.6	U
319-84-6	alpha-BHC	0.21	0.21	1.6	U
5103-71-9	alpha-Chlordane	0.32	0.32	1.7	U
319-85-7	beta-BHC	0.28	0.28	1.6	U
319-86-8	delta-BHC	0.16	0.16	1.6	U
60-57-1	Dieldrin	3.0	0.21	1.7	X
959-98-8	Endosulfan I	0.17	0.17	1.6	U
33213-65-9	Endosulfan II	0.28	0.28	1.7	U
1031-07-8	Endosulfan sulfate	0.27	0.27	1.7	U
72-20-8	Endrin	0.30	0.30	1.7	U
7421-93-4	Endrin aldehyde	0.17	0.17	1.7	U
53494-70-5	Endrin ketone	0.21	0.21	1.7	U
58-89-9	gamma-BHC (Lindane)	0.14	0.14	1.6	U
5103-74-2	gamma-Chlordane	0.26	0.26	1.7	U
76-44-8	Heptachlor	0.21	0.21	1.6	U
1024-57-3	Heptachlor epoxide	0.42	0.42	1.6	U
72-43-5	Methoxychlor	0.44	0.44	3.3	U
8001-35-2	Toxaphene	16	16	160	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
2051-24-3	Decachlorobiphenyl	131	63	124	*
877-09-8	Tetrachloro-m-xylene	79	59	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL6
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-015
Matrix:	SOLID	**Lab WorkOrder:**	K0QNA1AK
% Moisture:	1.9	**Date/Time Collected:**	10/07/08 14:08
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8081A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 12:00
QC Batch ID:	8288264	**Date/Time Analyzed:**	10/21/08 01:56
Sample Aliquot:	30.01 g	**Instrument ID:**	P1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
72-54-8	4,4'-DDD	0.56	0.56	1.7	U
72-55-9	4,4'-DDE	0.24	0.24	1.7	U
50-29-3	4,4'-DDT	0.60	0.60	2.0	U
309-00-2	Aldrin	0.26	0.26	1.7	U
319-84-6	alpha-BHC	0.22	0.22	1.7	U
5103-71-9	alpha-Chlordane	0.33	0.33	1.7	U
319-85-7	beta-BHC	0.29	0.29	1.7	U
319-86-8	delta-BHC	0.17	0.17	1.7	U
60-57-1	Dieldrin	0.21	0.21	1.7	U
959-98-8	Endosulfan I	0.18	0.18	1.7	U
33213-65-9	Endosulfan II	0.29	0.29	1.7	U
1031-07-8	Endosulfan sulfate	0.28	0.28	1.7	U
72-20-8	Endrin	0.31	0.31	1.7	U
7421-93-4	Endrin aldehyde	0.17	0.17	1.7	U
53494-70-5	Endrin ketone	0.22	0.22	1.7	U
58-89-9	gamma-BHC (Lindane)	0.15	0.15	1.7	U
5103-74-2	gamma-Chlordane	0.27	0.27	1.7	U
76-44-8	Heptachlor	0.22	0.22	1.7	U
1024-57-3	Heptachlor epoxide	0.43	0.43	1.7	U
72-43-5	Methoxychlor	0.46	0.46	3.4	U
8001-35-2	Toxaphene	16	16	170	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
2051-24-3	Decachlorobiphenyl	84	63	124	
877-09-8	Tetrachloro-m-xylene	77	59	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J140000-264B
Matrix:	SOLID	**Lab WorkOrder:**	K0R6V1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8081A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 12:00
QC Batch ID:	8288264	**Date/Time Analyzed:**	10/21/08 02:13
Sample Aliquot:	30.26 g	**Instrument ID:**	P1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
60-57-1	Dieldrin	0.21	0.21	1.7	U
959-98-8	Endosulfan I	0.18	0.18	1.6	U
33213-65-9	Endosulfan II	0.29	0.29	1.7	U
1031-07-8	Endosulfan sulfate	0.28	0.28	1.7	U
72-20-8	Endrin	0.31	0.31	1.7	U
7421-93-4	Endrin aldehyde	0.17	0.17	1.7	U
53494-70-5	Endrin ketone	0.21	0.21	1.7	U
76-44-8	Heptachlor	0.21	0.21	1.6	U
1024-57-3	Heptachlor epoxide	0.43	0.43	1.6	U
72-43-5	Methoxychlor	0.45	0.45	3.3	U
319-84-6	alpha-BHC	0.21	0.21	1.6	U
319-85-7	beta-BHC	0.29	0.29	1.6	U
319-86-8	delta-BHC	0.17	0.17	1.6	U
58-89-9	gamma-BHC (Lindane)	0.14	0.14	1.6	U
8001-35-2	Toxaphene	16	16	160	U
5103-71-9	alpha-Chlordane	0.32	0.32	1.7	U
5103-74-2	gamma-Chlordane	0.27	0.27	1.7	U
309-00-2	Aldrin	0.25	0.25	1.6	U
72-54-8	4,4'-DDD	0.55	0.55	1.7	U
72-55-9	4,4'-DDE	0.24	0.24	1.7	U
50-29-3	4,4'-DDT	0.59	0.59	2.0	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
2051-24-3	Decachlorobiphenyl	78	63	124	
877-09-8	Tetrachloro-m-xylene	68	59	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J230000-096B
Matrix:	SOLID	**Lab WorkOrder:**	K1EQE1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8081A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/23/08 12:00
QC Batch ID:	8297096	**Date/Time Analyzed:**	10/28/08 04:25
Sample Aliquot:	31.56 g	**Instrument ID:**	P1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
60-57-1	Dieldrin	0.21	0.21	1.7	U
959-98-8	Endosulfan I	0.18	0.18	1.6	U
33213-65-9	Endosulfan II	0.29	0.29	1.7	U
1031-07-8	Endosulfan sulfate	0.28	0.28	1.7	U
72-20-8	Endrin	0.31	0.31	1.7	U
7421-93-4	Endrin aldehyde	0.17	0.17	1.7	U
53494-70-5	Endrin ketone	0.21	0.21	1.7	U
76-44-8	Heptachlor	0.21	0.21	1.6	U
1024-57-3	Heptachlor epoxide	0.43	0.43	1.6	U
72-43-5	Methoxychlor	0.45	0.45	3.3	U
319-84-6	alpha-BHC	0.21	0.21	1.6	U
319-85-7	beta-BHC	0.29	0.29	1.6	U
319-86-8	delta-BHC	0.17	0.17	1.6	U
58-89-9	gamma-BHC (Lindane)	0.14	0.14	1.6	U
8001-35-2	Toxaphene	16	16	160	U
5103-71-9	alpha-Chlordane	0.32	0.32	1.7	U
5103-74-2	gamma-Chlordane	0.27	0.27	1.7	U
309-00-2	Aldrin	0.25	0.25	1.6	U
72-54-8	4,4'-DDD	0.55	0.55	1.7	U
72-55-9	4,4'-DDE	0.24	0.24	1.7	U
50-29-3	4,4'-DDT	0.59	0.59	2.0	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
2051-24-3	Decachlorobiphenyl	85	63	124	
877-09-8	Tetrachloro-m-xylene	73	59	115	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J140000-264C
Matrix:	SOLID	**Lab WorkOrder:**	K0R6V1AC
% Moisture:	0.0	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8081A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 12:00
QC Batch ID:	8288264	**Date/Time Analyzed:**	10/20/08 20:21
Sample Aliquot:	31.48 g	**Instrument ID:**	P1
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Dieldrin	15.9	14.0	88		63 - 117
Endosulfan I	15.9	13.0	82		55 - 115
Endosulfan II	15.9	14.0	88		60 - 115
Endosulfan sulfate	15.9	14.7	93		58 - 118
Endrin	15.9	15.3	96		61 - 121
Endrin aldehyde	15.9	11.1	70		54 - 115
Endrin ketone	15.9	14.5	91		61 - 118
Heptachlor	15.9	14.4	90		61 - 115
Heptachlor epoxide	15.9	13.5	85		62 - 112
Methoxychlor	15.9	14.1	89		52 - 123
alpha-BHC	15.9	13.0	82		54 - 115
beta-BHC	15.9	13.6	85		58 - 115
delta-BHC	15.9	14.0	88		62 - 115
gamma-BHC (Lindane)	15.9	13.7	86		59 - 115
alpha-Chlordane	15.9	13.2	83		60 - 115
gamma-Chlordane	15.9	13.3	84		60 - 115
Aldrin	15.9	12.9	81		60 - 115
4,4'-DDD	15.9	12.5	79		57 - 118
4,4'-DDE	15.9	12.5	79		61 - 115
4,4'-DDT	15.9	14.0	88		53 - 125

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
2051-24-3	Decachlorobiphenyl	88	63	124	
877-09-8	Tetrachloro-m-xylene	76	59	115	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J230000-096C
Matrix:	SOLID	**Lab WorkOrder:**	K1EQE1AC
% Moisture:	0.0	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8081A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/23/08 12:00
QC Batch ID:	8297096	**Date/Time Analyzed:**	10/28/08 03:01
Sample Aliquot:	30.28 g	**Instrument ID:**	P1
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Dieldrin	16.5	13.9	84		63 - 117
Endosulfan I	16.5	13.4	81		55 - 115
Endosulfan II	16.5	13.6	83		60 - 115
Endosulfan sulfate	16.5	14.2	86		58 - 118
Endrin	16.5	14.5	88		61 - 121
Endrin aldehyde	16.5	10.5	63		54 - 115
Endrin ketone	16.5	13.6	82		61 - 118
Heptachlor	16.5	13.4	81		61 - 115
Heptachlor epoxide	16.5	13.6	82		62 - 112
Methoxychlor	16.5	11.8	71		52 - 123
alpha-BHC	16.5	13.2	80		54 - 115
beta-BHC	16.5	13.8	83		58 - 115
delta-BHC	16.5	13.9	84		62 - 115
gamma-BHC (Lindane)	16.5	13.9	84		59 - 115
alpha-Chlordane	16.5	13.3	81		60 - 115
gamma-Chlordane	16.5	13.6	82		60 - 115
Aldrin	16.5	13.2	80		60 - 115
4,4'-DDD	16.5	12.1	73		57 - 118
4,4'-DDE	16.5	12.5	76		61 - 115
4,4'-DDT	16.5	12.3	74		53 - 125

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
2051-24-3	Decachlorobiphenyl	85	63	124	
877-09-8	Tetrachloro-m-xylene	75	59	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK9
Lot/SDG Number:	D8J130174	**MS Lab Sample ID:**	D8J130174-008S
Matrix:	SOLID	**MS Lab WorkOrder:**	K0QMV1A8
% Moisture:	3.9	**Date/Time Collected:**	10/07/08 10:49
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8081A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 12:00
QC Batch ID:	8288264	**Date/Time Analyzed:**	10/20/08 22:35
MS Sample Aliquot:	30.26 g	**Instrument ID:**	P1
MS Dilution Factor:	0.99		

Analyte	Spike Amount	Sample Result	C	MS Result	C	% Rec	Q	QC Limit
4,4'-DDD	17.2	0.57	U N	2.54		15	N	57 - 118
4,4'-DDE	17.2	0.25	U N	2.42		14	N	61 - 115
4,4'-DDT	17.2	0.61	U N	2.10		12	N	53 - 125
Aldrin	17.2	0.26	U N	2.51		15	N	60 - 115
alpha-BHC	17.2	0.22	U N	2.58		15	N	54 - 115
alpha-Chlordane	17.2	0.34	U N	2.59		15	N	60 - 115
beta-BHC	17.2	0.30	U N	2.83		16	N	58 - 115
delta-BHC	17.2	0.17	U N	2.62		15	N	62 - 115
Dieldrin	17.2	0.22	U N	2.58		15	N	63 - 117
Endosulfan I	17.2	0.18	U N	2.55		15	N	55 - 115
Endosulfan II	17.2	0.30	U N	2.56		15	N	60 - 115
Endosulfan sulfate	17.2	0.29	U N	2.56		15	N	58 - 118
Endrin	17.2	0.32	U N	2.90		17	N	61 - 121
Endrin aldehyde	17.2	0.18	U N	2.21		13	N	54 - 115
Endrin ketone	17.2	0.22	U N	2.58		15	N	61 - 118
gamma-BHC (Lindane)	17.2	0.15	U N	2.61		15	N	59 - 115
gamma-Chlordane	17.2	0.28	U N	2.54		15	N	60 - 115
Heptachlor	17.2	0.22	U N	2.68		16	N	61 - 115
Heptachlor epoxide	17.2	0.44	U N	2.65		15	N	62 - 112
Methoxychlor	17.2	0.47	U N	2.38		14	N	52 - 123

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
2051-24-3	Decachlorobiphenyl	16	63	124	*
877-09-8	Tetrachloro-m-xylene	14	59	115	*

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK9
Lot/SDG Number:	D8J130174	**MSD Lab Sample ID:**	D8J130174-008D
Matrix:	SOLID	**MSD Lab WorkOrder:**	K0QMV1A9
% Moisture:	3.9	**Date/Time Collected:**	10/07/08 10:49
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8081A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 12:00
QC Batch ID:	8288264	**Date/Time Analyzed:**	10/20/08 22:52
MSD Sample Aliquot:	30.26 g	**Instrument ID:**	P1
MSD Dilution Factor:	0.99		

Analyte	Spike Amount	Sample Result	C	MSD Result	C	% Rec	Q	RPD	Q	QC Limits	
										% Rec	RPD
4,4'-DDD	17.2	0.57	U N	15.8		92		145	*	57 - 118	20
4,4'-DDE	17.2	0.25	U N	15.2		88		145	*	61 - 115	15
4,4'-DDT	17.2	0.61	U N	15.0		88		151	*	53 - 125	29
Aldrin	17.2	0.26	U N	15.8		92		145	*	60 - 115	50
alpha-BHC	17.2	0.22	U N	16.0		93		144	*	54 - 115	17
alpha-Chlordane	17.2	0.34	U N	15.4		90		142	*	60 - 115	18
beta-BHC	17.2	0.30	U N	16.4		95		141	*	58 - 115	17
delta-BHC	17.2	0.17	U N	16.8		98		146	*	62 - 115	19
Dieldrin	17.2	0.22	U N	16.0		93		144	*	63 - 117	25
Endosulfan I	17.2	0.18	U N	15.1		88		142	*	55 - 115	26
Endosulfan II	17.2	0.30	U N	15.7		91		144	*	60 - 115	20
Endosulfan sulfate	17.2	0.29	U N	17.2		100		148	*	58 - 118	22
Endrin	17.2	0.32	U N	17.7		103		144	*	61 - 121	30
Endrin aldehyde	17.2	0.18	U N	13.4		78		143	*	54 - 115	29
Endrin ketone	17.2	0.22	U N	16.4		95		146	*	61 - 118	20
gamma-BHC (Lindane)	17.2	0.15	U N	16.7		97		146	*	59 - 115	24
gamma-Chlordane	17.2	0.28	U N	15.4		90		143	*	60 - 115	21
Heptachlor	17.2	0.22	U N	16.7		97		145	*	61 - 115	18
Heptachlor epoxide	17.2	0.44	U N	15.7		92		142	*	62 - 112	18
Methoxychlor	17.2	0.47	U N	14.8		86		145	*	52 - 123	23

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
2051-24-3	Decachlorobiphenyl	108	63	124	
877-09-8	Tetrachloro-m-xylene	83	59	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL4
Lot/SDG Number:	D8J130174	**MS Lab Sample ID:**	D8J130174-013S
Matrix:	SOLID	**MS Lab WorkOrder:**	K0QM81CA
% Moisture:	2.6	**Date/Time Collected:**	10/07/08 09:27
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8081A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/23/08 12:00
QC Batch ID:	8297096	**Date/Time Analyzed:**	10/28/08 03:35
MS Sample Aliquot:	30.63 g	**Instrument ID:**	P1
MS Dilution Factor:	0.98		

Analyte	Spike Amount	Sample Result	C	MS Result	C	% Rec	Q	QC Limit
4,4'-DDD	16.8	0.55	U	13.3		80		57 - 118
4,4'-DDE	16.8	0.24	U	13.4		80		61 - 115
4,4'-DDT	16.8	0.60	U	13.7		82		53 - 125
Aldrin	16.8	0.26	U	14.1		84		60 - 115
alpha-BHC	16.8	0.22	U	14.2		85		54 - 115
alpha-Chlordane	16.8	0.33	U	14.2		85		60 - 115
beta-BHC	16.8	0.29	U	15.1		90		58 - 115
delta-BHC	16.8	0.17	U	15.3		91		62 - 115
Dieldrin	16.8	0.21	U	14.6		87		63 - 117
Endosulfan I	16.8	0.18	U	14.1		84		55 - 115
Endosulfan II	16.8	0.29	U	14.4		86		60 - 115
Endosulfan sulfate	16.8	0.28	U	15.3		91		58 - 118
Endrin	16.8	0.31	U	15.8		94		61 - 121
Endrin aldehyde	16.8	0.17	U	10.9		65		54 - 115
Endrin ketone	16.8	0.22	U	16.0		96		61 - 118
gamma-BHC (Lindane)	16.8	0.15	U	15.0		90		59 - 115
gamma-Chlordane	16.8	0.27	U	14.4		86		60 - 115
Heptachlor	16.8	0.22	U	15.0		90		61 - 115
Heptachlor epoxide	16.8	0.43	U	14.4		86		62 - 112
Methoxychlor	16.8	0.46	U	11.7		70		52 - 123

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
2051-24-3	Decachlorobiphenyl	112	63	124	
877-09-8	Tetrachloro-m-xylene	80	59	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL4
Lot/SDG Number:	D8J130174	**MSD Lab Sample ID:**	D8J130174-013D
Matrix:	SOLID	**MSD Lab WorkOrder:**	K0QM81CC
% Moisture:	2.6	**Date/Time Collected:**	10/07/08 09:27
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8081A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/23/08 12:00
QC Batch ID:	8297096	**Date/Time Analyzed:**	10/28/08 03:51
MSD Sample Aliquot:	31.27 g	**Instrument ID:**	P1
MSD Dilution Factor:	0.96		

Analyte	Spike Amount	Sample Result	C	MSD Result	C	% Rec	Q	RPD	Q	QC Limits	
										% Rec	RPD
4,4'-DDD	16.4	0.55	U	13.0		79		2.1		57 - 118	20
4,4'-DDE	16.4	0.24	U	13.7		83		2.0		61 - 115	15
4,4'-DDT	16.4	0.60	U	12.9		79		5.7		53 - 125	29
Aldrin	16.4	0.26	U	14.2		86		0.24		60 - 115	50
alpha-BHC	16.4	0.22	U	14.0		85		1.2		54 - 115	17
alpha-Chlordane	16.4	0.33	U	14.0		85		1.8		60 - 115	18
beta-BHC	16.4	0.29	U	14.9		91		1.8		58 - 115	17
delta-BHC	16.4	0.17	U	14.9		91		2.1		62 - 115	19
Dieldrin	16.4	0.21	U	14.5		88		1.1		63 - 117	25
Endosulfan I	16.4	0.18	U	13.9		85		0.83		55 - 115	26
Endosulfan II	16.4	0.29	U	14.2		86		1.7		60 - 115	20
Endosulfan sulfate	16.4	0.28	U	15.0		91		2.1		58 - 118	22
Endrin	16.4	0.31	U	15.4		94		2.6		61 - 121	30
Endrin aldehyde	16.4	0.17	U	10.6		65		2.8		54 - 115	29
Endrin ketone	16.4	0.22	U	14.2		87		12		61 - 118	20
gamma-BHC (Lindane)	16.4	0.15	U	14.7		89		2.4		59 - 115	24
gamma-Chlordane	16.4	0.27	U	14.2		87		1.2		60 - 115	21
Heptachlor	16.4	0.22	U	14.3		87		5.0		61 - 115	18
Heptachlor epoxide	16.4	0.43	U	14.3		87		1.2		62 - 112	18
Methoxychlor	16.4	0.46	U	10.8		66		7.6		52 - 123	23

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
2051-24-3	Decachlorobiphenyl	94	63	124	
877-09-8	Tetrachloro-m-xylene	79	59	115	

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THE LEADER IN ENVIRONMENTAL TESTING

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK2
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-001
Matrix:	SOLID	**Lab WorkOrder:**	K0QL01AA
% Moisture:	0.0	**Date/Time Collected:**	10/07/08 08:44
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 08:30
QC Batch ID:	8288124	**Date/Time Analyzed:**	10/21/08 05:01
Sample Aliquot:	30.47 g	**Instrument ID:**	G1
Dilution Factor:	0.98		

CAS No.	Analyte	Conc.	MDL	RL	Q
83-32-9	Acenaphthene	9.8	9.8	98	U
208-96-8	Acenaphthylene	8.8	8.8	98	U
120-12-7	Anthracene	3.0	3.0	20	U
56-55-3	Benzo(a)anthracene	3.1	3.1	15	U
50-32-8	Benzo(a)pyrene	6.3	6.3	15	U
205-99-2	Benzo(b)fluoranthene	4.1	4.1	15	U
191-24-2	Benzo(ghi)perylene	7.1	7.1	29	U
207-08-9	Benzo(k)fluoranthene	3.9	3.9	15	U
218-01-9	Chrysene	4.7	4.7	39	U
53-70-3	Dibenzo(a,h)anthracene	11	11	29	U
206-44-0	Fluoranthene	13	13	39	U
86-73-7	Fluorene	5.2	5.2	29	U
193-39-5	Indeno(1,2,3-cd)pyrene	12	12	29	U
91-20-3	Naphthalene	12	12	98	U
85-01-8	Phenanthrene	12	12	39	U
129-00-0	Pyrene	12	12	39	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	94	72	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-002
Matrix:	SOLID	**Lab WorkOrder:**	K0QL81AC
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 08:30
QC Batch ID:	8288124	**Date/Time Analyzed:**	10/21/08 05:32
Sample Aliquot:	31.9 g	**Instrument ID:**	G1
Dilution Factor:	0.94		

CAS No.	Analyte	Conc.	MDL	RL	Q
83-32-9	Acenaphthene	9.6	9.6	96	U
208-96-8	Acenaphthylene	8.7	8.7	96	U
120-12-7	Anthracene	2.9	2.9	19	U
56-55-3	Benzo(a)anthracene	3.1	3.1	14	U
50-32-8	Benzo(a)pyrene	6.2	6.2	14	U
205-99-2	Benzo(b)fluoranthene	4.0	4.0	14	U
191-24-2	Benzo(ghi)perylene	6.9	6.9	29	U
207-08-9	Benzo(k)fluoranthene	3.8	3.8	14	U
218-01-9	Chrysene	4.7	4.7	39	U
53-70-3	Dibenzo(a,h)anthracene	11	11	29	U
206-44-0	Fluoranthene	13	13	39	U
86-73-7	Fluorene	5.1	5.1	29	U
193-39-5	Indeno(1,2,3-cd)pyrene	12	12	29	U
91-20-3	Naphthalene	12	12	96	U
85-01-8	Phenanthrene	12	12	39	U
129-00-0	Pyrene	12	12	39	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	98	72	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK4
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-003
Matrix:	SOLID	**Lab WorkOrder:**	K0QMG1AL
% Moisture:	4.0	**Date/Time Collected:**	10/07/08 10:41
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 08:30
QC Batch ID:	8288124	**Date/Time Analyzed:**	10/21/08 06:03
Sample Aliquot:	30.12 g	**Instrument ID:**	G1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
83-32-9	Acenaphthene	10	10	100	U
208-96-8	Acenaphthylene	9.4	9.4	100	U
120-12-7	Anthracene	3.2	3.2	21	U
56-55-3	Benzo(a)anthracene	**8.0**	3.3	16	J X
50-32-8	Benzo(a)pyrene	6.7	6.7	16	U
205-99-2	Benzo(b)fluoranthene	4.4	4.4	16	U
191-24-2	Benzo(ghi)perylene	7.5	7.5	31	U
207-08-9	Benzo(k)fluoranthene	4.1	4.1	16	U
218-01-9	Chrysene	**9.3**	5.0	42	J X
53-70-3	Dibenzo(a,h)anthracene	11	11	31	U
206-44-0	Fluoranthene	14	14	42	U
86-73-7	Fluorene	5.5	5.5	31	U
193-39-5	Indeno(1,2,3-cd)pyrene	12	12	31	U
91-20-3	Naphthalene	12	12	100	U
85-01-8	Phenanthrene	**20**	12	42	J
129-00-0	Pyrene	12	12	42	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	107	72	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK5
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-004
Matrix:	SOLID	**Lab WorkOrder:**	K0QMJ1AL
% Moisture:	3.2	**Date/Time Collected:**	10/07/08 15:12
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 08:30
QC Batch ID:	8288124	**Date/Time Analyzed:**	10/21/08 06:33
Sample Aliquot:	29.28 g	**Instrument ID:**	G1
Dilution Factor:	1.02		

CAS No.	Analyte	Conc.	MDL	RL	Q
83-32-9	Acenaphthene	11	11	110	U
208-96-8	Acenaphthylene	9.5	9.5	110	U
120-12-7	Anthracene	3.2	3.2	21	U
56-55-3	Benzo(a)anthracene	3.4	3.4	16	U
50-32-8	Benzo(a)pyrene	6.8	6.8	16	U
205-99-2	Benzo(b)fluoranthene	4.4	4.4	16	U
191-24-2	Benzo(ghi)perylene	7.6	7.6	32	U
207-08-9	Benzo(k)fluoranthene	4.2	4.2	16	U
218-01-9	Chrysene	5.1	5.1	42	U
53-70-3	Dibenzo(a,h)anthracene	12	12	32	U
206-44-0	Fluoranthene	14	14	42	U
86-73-7	Fluorene	5.6	5.6	32	U
193-39-5	Indeno(1,2,3-cd)pyrene	13	13	32	U
91-20-3	Naphthalene	13	13	110	U
85-01-8	Phenanthrene	13	13	42	U
129-00-0	Pyrene	13	13	42	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	100	72	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK6
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-005
Matrix:	SOLID	**Lab WorkOrder:**	K0QMP1AL
% Moisture:	2.9	**Date/Time Collected:**	10/07/08 15:42
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 08:30
QC Batch ID:	8288124	**Date/Time Analyzed:**	10/21/08 07:04
Sample Aliquot:	29.97 g	**Instrument ID:**	G1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
83-32-9	Acenaphthene	10	10	100	U
208-96-8	Acenaphthylene	9.3	9.3	100	U
120-12-7	Anthracene	3.1	3.1	21	U
56-55-3	Benzo(a)anthracene	3.3	3.3	15	U
50-32-8	Benzo(a)pyrene	6.6	6.6	15	U
205-99-2	Benzo(b)fluoranthene	4.3	4.3	15	U
191-24-2	Benzo(ghi)perylene	7.4	7.4	31	U
207-08-9	Benzo(k)fluoranthene	4.1	4.1	15	U
218-01-9	Chrysene	5.0	5.0	41	U
53-70-3	Dibenzo(a,h)anthracene	11	11	31	U
206-44-0	Fluoranthene	13	13	41	U
86-73-7	Fluorene	5.4	5.4	31	U
193-39-5	Indeno(1,2,3-cd)pyrene	12	12	31	U
91-20-3	Naphthalene	12	12	100	U
85-01-8	Phenanthrene	12	12	41	U
129-00-0	Pyrene	12	12	41	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	93	72	115	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK7
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-006
Matrix:	SOLID	**Lab WorkOrder:**	K0QMQ1AL
% Moisture:	2.8	**Date/Time Collected:**	10/07/08 15:07
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 08:30
QC Batch ID:	8288124	**Date/Time Analyzed:**	10/21/08 08:05
Sample Aliquot:	30.23 g	**Instrument ID:**	G1
Dilution Factor:	0.99		

CAS No.	Analyte	Conc.	MDL	RL	Q
83-32-9	Acenaphthene	10	10	100	U
208-96-8	Acenaphthylene	9.2	9.2	100	U
120-12-7	Anthracene	3.1	3.1	20	U
56-55-3	Benzo(a)anthracene	3.9	3.3	15	J
50-32-8	Benzo(a)pyrene	6.5	6.5	15	U
205-99-2	Benzo(b)fluoranthene	4.3	4.3	15	U
191-24-2	Benzo(ghi)perylene	7.3	7.3	31	U
207-08-9	Benzo(k)fluoranthene	4.0	4.0	15	U
218-01-9	Chrysene	4.9	4.9	41	U
53-70-3	Dibenzo(a,h)anthracene	11	11	31	U
206-44-0	Fluoranthene	13	13	41	U
86-73-7	Fluorene	5.4	5.4	31	U
193-39-5	Indeno(1,2,3-cd)pyrene	12	12	31	U
91-20-3	Naphthalene	12	12	100	U
85-01-8	Phenanthrene	12	12	41	U
129-00-0	Pyrene	12	12	41	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	103	72	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK8
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-007
Matrix:	SOLID	**Lab WorkOrder:**	K0QMT1AL
% Moisture:	3.7	**Date/Time Collected:**	10/07/08 15:09
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 08:30
QC Batch ID:	8288124	**Date/Time Analyzed:**	10/21/08 09:06
Sample Aliquot:	30.1 g	**Instrument ID:**	G1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
83-32-9	Acenaphthene	10	10	100	U
208-96-8	Acenaphthylene	9.3	9.3	100	U
120-12-7	Anthracene	3.2	3.2	21	U
56-55-3	Benzo(a)anthracene	3.3	3.3	16	U
50-32-8	Benzo(a)pyrene	6.7	6.7	16	U
205-99-2	Benzo(b)fluoranthene	4.4	4.4	16	U
191-24-2	Benzo(ghi)perylene	7.5	7.5	31	U
207-08-9	Benzo(k)fluoranthene	4.1	4.1	16	U
218-01-9	Chrysene	5.0	5.0	42	U
53-70-3	Dibenzo(a,h)anthracene	11	11	31	U
206-44-0	Fluoranthene	13	13	42	U
86-73-7	Fluorene	5.5	5.5	31	U
193-39-5	Indeno(1,2,3-cd)pyrene	12	12	31	U
91-20-3	Naphthalene	12	12	100	U
85-01-8	Phenanthrene	12	12	42	U
129-00-0	Pyrene	12	12	42	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	100	72	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK9
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-008
Matrix:	SOLID	**Lab WorkOrder:**	K0QMV1AL
% Moisture:	3.9	**Date/Time Collected:**	10/07/08 10:49
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 08:30
QC Batch ID:	8288124	**Date/Time Analyzed:**	10/21/08 09:36
Sample Aliquot:	28.87 g	**Instrument ID:**	G1
Dilution Factor:	1.04		

CAS No.	Analyte	Conc.	MDL	RL	Q
83-32-9	Acenaphthene	11	11	110	U
208-96-8	Acenaphthylene	9.7	9.7	110	U
120-12-7	Anthracene	3.3	3.3	22	U
56-55-3	Benzo(a)anthracene	3.5	3.5	16	U
50-32-8	Benzo(a)pyrene	6.9	6.9	16	U
205-99-2	Benzo(b)fluoranthene	4.5	4.5	16	U
191-24-2	Benzo(ghi)perylene	7.8	7.8	32	U
207-08-9	Benzo(k)fluoranthene	4.3	4.3	16	U
218-01-9	Chrysene	5.2	5.2	43	U
53-70-3	Dibenzo(a,h)anthracene	12	12	32	U
206-44-0	Fluoranthene	14	14	43	U
86-73-7	Fluorene	5.7	5.7	32	U
193-39-5	Indeno(1,2,3-cd)pyrene	13	13	32	U
91-20-3	Naphthalene	13	13	110	U
85-01-8	Phenanthrene	13	13	43	U
129-00-0	Pyrene	13	13	43	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	103	72	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL0
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-009
Matrix:	SOLID	**Lab WorkOrder:**	K0QMW1AL
% Moisture:	3.0	**Date/Time Collected:**	10/07/08 15:39
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 08:30
QC Batch ID:	8288124	**Date/Time Analyzed:**	10/21/08 10:07
Sample Aliquot:	29.43 g	**Instrument ID:**	G1
Dilution Factor:	1.02		

CAS No.	Analyte	Conc.	MDL	RL	Q
83-32-9	Acenaphthene	11	11	110	U
208-96-8	Acenaphthylene	9.5	9.5	110	U
120-12-7	Anthracene	3.2	3.2	21	U
56-55-3	Benzo(a)anthracene	3.4	3.4	16	U
50-32-8	Benzo(a)pyrene	6.7	6.7	16	U
205-99-2	Benzo(b)fluoranthene	4.4	4.4	16	U
191-24-2	Benzo(ghi)perylene	7.6	7.6	32	U
207-08-9	Benzo(k)fluoranthene	4.1	4.1	16	U
218-01-9	Chrysene	5.1	5.1	42	U
53-70-3	Dibenzo(a,h)anthracene	12	12	32	U
206-44-0	Fluoranthene	14	14	42	U
86-73-7	Fluorene	5.6	5.6	32	U
193-39-5	Indeno(1,2,3-cd)pyrene	13	13	32	U
91-20-3	Naphthalene	13	13	110	U
85-01-8	Phenanthrene	13	13	42	U
129-00-0	Pyrene	13	13	42	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	100	72	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL1
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-010
Matrix:	SOLID	**Lab WorkOrder:**	K0QM11AL
% Moisture:	3.3	**Date/Time Collected:**	10/07/08 15:36
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 08:30
QC Batch ID:	8288124	**Date/Time Analyzed:**	10/21/08 12:40
Sample Aliquot:	30.81 g	**Instrument ID:**	G1
Dilution Factor:	0.97		

CAS No.	Analyte	Conc.	MDL	RL	Q
83-32-9	Acenaphthene	10	10	100	U
208-96-8	Acenaphthylene	9.0	9.0	100	U
120-12-7	Anthracene	3.1	3.1	20	U
56-55-3	Benzo(a)anthracene	3.2	3.2	15	U
50-32-8	Benzo(a)pyrene	6.4	6.4	15	U
205-99-2	Benzo(b)fluoranthene	4.2	4.2	15	U
191-24-2	Benzo(ghi)perylene	7.2	7.2	30	U
207-08-9	Benzo(k)fluoranthene	4.0	4.0	15	U
218-01-9	Chrysene	4.9	4.9	40	U
53-70-3	Dibenzo(a,h)anthracene	11	11	30	U
206-44-0	Fluoranthene	13	13	40	U
86-73-7	Fluorene	5.3	5.3	30	U
193-39-5	Indeno(1,2,3-cd)pyrene	12	12	30	U
91-20-3	Naphthalene	12	12	100	U
85-01-8	Phenanthrene	12	12	40	U
129-00-0	Pyrene	12	12	40	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	107	72	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL2
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-011
Matrix:	SOLID	**Lab WorkOrder:**	K0QM31AL
% Moisture:	5.0	**Date/Time Collected:**	10/07/08 11:06
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 08:30
QC Batch ID:	8288124	**Date/Time Analyzed:**	10/21/08 13:10
Sample Aliquot:	29.05 g	**Instrument ID:**	G1
Dilution Factor:	1.03		

CAS No.	Analyte	Conc.	MDL	RL	Q
83-32-9	Acenaphthene	11	11	110	U
208-96-8	Acenaphthylene	9.8	9.8	110	U
120-12-7	Anthracene	3.3	3.3	22	U
56-55-3	Benzo(a)anthracene	3.5	3.5	16	U
50-32-8	Benzo(a)pyrene	7.0	7.0	16	U
205-99-2	Benzo(b)fluoranthene	4.6	4.6	16	U
191-24-2	Benzo(ghi)perylene	7.8	7.8	33	U
207-08-9	Benzo(k)fluoranthene	4.3	4.3	16	U
218-01-9	Chrysene	5.2	5.2	43	U
53-70-3	Dibenzo(a,h)anthracene	12	12	33	U
206-44-0	Fluoranthene	14	14	43	U
86-73-7	Fluorene	5.7	5.7	33	U
193-39-5	Indeno(1,2,3-cd)pyrene	13	13	33	U
91-20-3	Naphthalene	13	13	110	U
85-01-8	Phenanthrene	13	13	43	U
129-00-0	Pyrene	13	13	43	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	98	72	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL3
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-012
Matrix:	SOLID	**Lab WorkOrder:**	K0QM61AL
% Moisture:	4.2	**Date/Time Collected:**	10/07/08 10:49
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 08:30
QC Batch ID:	8288124	**Date/Time Analyzed:**	10/21/08 14:42
Sample Aliquot:	30.96 g	**Instrument ID:**	G1
Dilution Factor:	0.97		

CAS No.	Analyte	Conc.	MDL	RL	Q
83-32-9	Acenaphthene	10	10	100	U
208-96-8	Acenaphthylene	9.1	9.1	100	U
120-12-7	Anthracene	3.1	3.1	20	U
56-55-3	Benzo(a)anthracene	3.2	3.2	15	U
50-32-8	Benzo(a)pyrene	6.5	6.5	15	U
205-99-2	Benzo(b)fluoranthene	4.3	4.3	15	U
191-24-2	Benzo(ghi)perylene	7.3	7.3	30	U
207-08-9	Benzo(k)fluoranthene	4.0	4.0	15	U
218-01-9	Chrysene	4.9	4.9	41	U
53-70-3	Dibenzo(a,h)anthracene	11	11	30	U
206-44-0	Fluoranthene	13	13	41	U
86-73-7	Fluorene	5.3	5.3	30	U
193-39-5	Indeno(1,2,3-cd)pyrene	12	12	30	U
91-20-3	Naphthalene	12	12	100	U
85-01-8	Phenanthrene	12	12	41	U
129-00-0	Pyrene	12	12	41	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	103	72	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL4
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-013
Matrix:	SOLID	**Lab WorkOrder:**	K0QM81AL
% Moisture:	2.6	**Date/Time Collected:**	10/07/08 09:27
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 08:30
QC Batch ID:	8288124	**Date/Time Analyzed:**	10/21/08 15:43
Sample Aliquot:	31.93 g	**Instrument ID:**	G1
Dilution Factor:	0.94		

CAS No.	Analyte	Conc.	MDL	RL	Q
83-32-9	Acenaphthene	9.6	9.6	96	U
208-96-8	Acenaphthylene	8.7	8.7	96	U
120-12-7	Anthracene	2.9	2.9	19	U
56-55-3	Benzo(a)anthracene	3.1	3.1	14	U
50-32-8	Benzo(a)pyrene	6.2	6.2	14	U
205-99-2	Benzo(b)fluoranthene	4.1	4.1	14	U
191-24-2	Benzo(ghi)perylene	6.9	6.9	29	U
207-08-9	Benzo(k)fluoranthene	3.8	3.8	14	U
218-01-9	Chrysene	4.7	4.7	39	U
53-70-3	Dibenzo(a,h)anthracene	11	11	29	U
206-44-0	Fluoranthene	13	13	39	U
86-73-7	Fluorene	5.1	5.1	29	U
193-39-5	Indeno(1,2,3-cd)pyrene	12	12	29	U
91-20-3	Naphthalene	12	12	96	U
85-01-8	Phenanthrene	12	12	39	U
129-00-0	Pyrene	12	12	39	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	107	72	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL5
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-014
Matrix:	SOLID	**Lab WorkOrder:**	K0QM91AL
% Moisture:	2.7	**Date/Time Collected:**	10/07/08 13:57
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 08:30
QC Batch ID:	8288124	**Date/Time Analyzed:**	10/21/08 16:14
Sample Aliquot:	29.99 g	**Instrument ID:**	G1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
83-32-9	Acenaphthene	10	10	100	U
208-96-8	Acenaphthylene	9.2	9.2	100	U
120-12-7	Anthracene	3.1	3.1	21	U
56-55-3	Benzo(a)anthracene	3.3	3.3	15	U
50-32-8	Benzo(a)pyrene	6.6	6.6	15	U
205-99-2	Benzo(b)fluoranthene	4.3	4.3	15	U
191-24-2	Benzo(ghi)perylene	7.4	7.4	31	U
207-08-9	Benzo(k)fluoranthene	4.0	4.0	15	U
218-01-9	Chrysene	8.5	5.0	41	J X
53-70-3	Dibenzo(a,h)anthracene	11	11	31	U
206-44-0	Fluoranthene	13	13	41	U
86-73-7	Fluorene	5.4	5.4	31	U
193-39-5	Indeno(1,2,3-cd)pyrene	12	12	31	U
91-20-3	Naphthalene	12	12	100	U
85-01-8	Phenanthrene	16	12	41	J
129-00-0	Pyrene	12	12	41	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	106	72	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL6
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-015
Matrix:	SOLID	**Lab WorkOrder:**	K0QNA1AL
% Moisture:	1.9	**Date/Time Collected:**	10/07/08 14:08
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 08:30
QC Batch ID:	8288124	**Date/Time Analyzed:**	10/21/08 16:44
Sample Aliquot:	29.53 g	**Instrument ID:**	G1
Dilution Factor:	1.02		

CAS No.	Analyte	Conc.	MDL	RL	Q
83-32-9	Acenaphthene	10	10	100	U
208-96-8	Acenaphthylene	9.4	9.4	100	U
120-12-7	Anthracene	3.2	3.2	21	U
56-55-3	Benzo(a)anthracene	3.3	3.3	16	U
50-32-8	Benzo(a)pyrene	6.7	6.7	16	U
205-99-2	Benzo(b)fluoranthene	4.4	4.4	16	U
191-24-2	Benzo(ghi)perylene	7.5	7.5	31	U
207-08-9	Benzo(k)fluoranthene	4.1	4.1	16	U
218-01-9	Chrysene	5.0	5.0	42	U
53-70-3	Dibenzo(a,h)anthracene	11	11	31	U
206-44-0	Fluoranthene	14	14	42	U
86-73-7	Fluorene	5.5	5.5	31	U
193-39-5	Indeno(1,2,3-cd)pyrene	12	12	31	U
91-20-3	Naphthalene	12	12	100	U
85-01-8	Phenanthrene	12	12	42	U
129-00-0	Pyrene	12	12	42	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	105	72	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J140000-124B
Matrix:	SOLID	**Lab WorkOrder:**	K0REJ1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 08:30
QC Batch ID:	8288124	**Date/Time Analyzed:**	10/21/08 04:00
Sample Aliquot:	31.25 g	**Instrument ID:**	G1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
83-32-9	Acenaphthene	10	10	100	U
120-12-7	Anthracene	3.0	3.0	20	U
206-44-0	Fluoranthene	13	13	40	U
86-73-7	Fluorene	5.3	5.3	30	U
193-39-5	Indeno(1,2,3-cd)pyrene	12	12	30	U
91-20-3	Naphthalene	12	12	100	U
56-55-3	Benzo(a)anthracene	3.2	3.2	15	U
205-99-2	Benzo(b)fluoranthene	4.2	4.2	15	U
207-08-9	Benzo(k)fluoranthene	3.9	3.9	15	U
191-24-2	Benzo(ghi)perylene	7.2	7.2	30	U
50-32-8	Benzo(a)pyrene	6.4	6.4	15	U
85-01-8	Phenanthrene	12	12	40	U
129-00-0	Pyrene	12	12	40	U
53-70-3	Dibenzo(a,h)anthracene	11	11	30	U
208-96-8	Acenaphthylene	9.0	9.0	100	U
218-01-9	Chrysene	4.8	4.8	40	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	101	72	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J140000-124C
Matrix:	SOLID	**Lab WorkOrder:**	K0REJ1AC
% Moisture:	0.0	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 08:30
QC Batch ID:	8288124	**Date/Time Analyzed:**	10/21/08 04:31
Sample Aliquot:	31.26 g	**Instrument ID:**	G1
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Fluorene	1920	1910	100		72 - 115
Indeno(1,2,3-cd)pyrene	1920	1850	96		76 - 115
Naphthalene	1920	2030	106		77 - 115
Benzo(a)pyrene	1920	1970	102		69 - 115
Pyrene	1920	2110	110		77 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	104	72	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL2
Lot/SDG Number:	D8J130174	**MS Lab Sample ID:**	D8J130174-011S
Matrix:	SOLID	**MS Lab WorkOrder:**	K0QM31A8
% Moisture:	5.0	**Date/Time Collected:**	10/07/08 11:06
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 08:30
QC Batch ID:	8288124	**Date/Time Analyzed:**	10/21/08 13:41
MS Sample Aliquot:	29.8 g	**Instrument ID:**	G1
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	C	% Rec	Q	QC Limit
Benzo(a)pyrene	2120	7.0	U	2020		96		69 - 115
Fluorene	2120	5.7	U	2010		95		72 - 115
Indeno(1,2,3-cd)pyrene	2120	13	U	1910		90		76 - 115
Naphthalene	2120	13	U	2140		101		77 - 115
Pyrene	2120	13	U	2230		105		77 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	98	72	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL2
Lot/SDG Number:	D8J130174	**MSD Lab Sample ID:**	D8J130174-011D
Matrix:	SOLID	**MSD Lab WorkOrder:**	K0QM31A9
% Moisture:	5.0	**Date/Time Collected:**	10/07/08 11:06
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	10/14/08 08:30
QC Batch ID:	8288124	**Date/Time Analyzed:**	10/21/08 14:11
MSD Sample Aliquot:	29.44 g	**Instrument ID:**	G1
MSD Dilution Factor:	1.02		

Analyte	Spike Amount	Sample Result	C	MSD Result	C	% Rec	Q	RPD	Q	QC Limits	
										% Rec	RPD
Benzo(a)pyrene	2150	7.0	U	2220		104		9.3		69 - 115	20
Fluorene	2150	5.7	U	2160		100		7.2		72 - 115	20
Indeno(1,2,3-cd)pyrene	2150	13	U	2070		96		7.7		76 - 115	20
Naphthalene	2150	13	U	2290		107		6.6		77 - 115	20
Pyrene	2150	13	U	2340		109		4.9		77 - 115	20

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	105	72	115	

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THE LEADER IN ENVIRONMENTAL TESTING

Total Metals

SW846 6010B/7471A

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK2
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-001
Matrix:	SOLID	**Lab WorkOrder:**	K0QL0
% Moisture:	0.0	**Date/Time Collected:**	10/07/08 08:44
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	6010B	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/15/08 08:30
QC Batch ID:	8288134	**Date/Time Analyzed:**	10/16/08 20:35
Sample Aliquot:	1.01 g	**Instrument ID:**	025
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
7440-36-0	Antimony	0.38	0.38	1.5	U
7440-38-2	Arsenic	0.66	0.66	2.0	U
7440-39-3	Barium	**1.3**	0.076	1.0	
7440-41-7	Beryllium	0.033	0.033	0.50	U
7440-42-8	Boron	0.98	0.98	2.0	U
7440-43-9	Cadmium	0.041	0.041	0.50	U
7440-47-3	Chromium	**0.065**	0.058	1.0	B
7440-48-4	Cobalt	0.10	0.10	1.0	U
7440-50-8	Copper	0.22	0.22	1.0	U
7439-92-1	Lead	**0.30**	0.27	0.80	B M
7439-96-5	Manganese	**3.7**	0.10	1.0	
7439-98-7	Molybdenum	0.26	0.26	2.0	U
7782-49-2	Selenium	0.86	0.86	1.3	U
7440-22-4	Silver	0.16	0.16	1.0	U
7440-62-2	Vanadium	0.094	0.094	2.0	U
7440-66-6	Zinc	**0.97**	0.40	1.0	B C

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-002
Matrix:	SOLID	**Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	6010B	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/15/08 08:30
QC Batch ID:	8288134	**Date/Time Analyzed:**	10/16/08 21:14
Sample Aliquot:	1.01 g	**Instrument ID:**	025
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
7440-36-0	Antimony	0.39	0.39	1.5	U
7440-38-2	Arsenic	**2.5**	0.68	2.1	
7440-39-3	Barium	**79**	0.078	1.0	
7440-41-7	Beryllium	**1.2**	0.034	0.51	
7440-42-8	Boron	**3.0**	1.0	2.1	
7440-43-9	Cadmium	0.042	0.042	0.51	U
7440-47-3	Chromium	**8.9**	0.059	1.0	
7440-48-4	Cobalt	**9.3**	0.10	1.0	
7440-50-8	Copper	**22**	0.22	1.0	
7439-92-1	Lead	**7.8**	0.28	0.82	
7439-96-5	Manganese	**310**	0.10	1.0	
7439-98-7	Molybdenum	0.27	0.27	2.1	U
7782-49-2	Selenium	0.88	0.88	1.3	U
7440-22-4	Silver	0.16	0.16	1.0	U
7440-62-2	Vanadium	**63**	0.096	2.1	
7440-66-6	Zinc	**56**	0.41	1.0	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK4
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-003
Matrix:	SOLID	**Lab WorkOrder:**	K0QMG
% Moisture:	4.0	**Date/Time Collected:**	10/07/08 10:41
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	6010B	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/15/08 08:30
QC Batch ID:	8288134	**Date/Time Analyzed:**	10/16/08 21:19
Sample Aliquot:	1.03 g	**Instrument ID:**	025
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
7440-36-0	Antimony	0.40	0.40	1.6	U
7440-38-2	Arsenic	**6.7**	0.69	2.1	
7440-39-3	Barium	**160**	0.079	1.0	
7440-41-7	Beryllium	**0.98**	0.034	0.52	
7440-42-8	Boron	**12**	1.0	2.1	
7440-43-9	Cadmium	**0.16**	0.043	0.52	B
7440-47-3	Chromium	**14**	0.060	1.0	
7440-48-4	Cobalt	**8.3**	0.10	1.0	
7440-50-8	Copper	**33**	0.23	1.0	
7439-92-1	Lead	**15**	0.28	0.83	
7439-96-5	Manganese	**310**	0.10	1.0	
7439-98-7	Molybdenum	**0.46**	0.27	2.1	B
7782-49-2	Selenium	0.90	0.90	1.4	U
7440-22-4	Silver	0.17	0.17	1.0	U
7440-62-2	Vanadium	**50**	0.098	2.1	
7440-66-6	Zinc	**97**	0.41	1.0	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK5
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-004
Matrix:	SOLID	**Lab WorkOrder:**	K0QMJ
% Moisture:	3.2	**Date/Time Collected:**	10/07/08 15:12
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	6010B	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/15/08 08:30
QC Batch ID:	8288134	**Date/Time Analyzed:**	10/16/08 21:23
Sample Aliquot:	1.01 g	**Instrument ID:**	025
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
7440-36-0	Antimony	**0.80**	0.39	1.5	B
7440-38-2	Arsenic	**3.1**	0.68	2.1	
7440-39-3	Barium	**96**	0.079	1.0	
7440-41-7	Beryllium	**1.2**	0.034	0.52	
7440-42-8	Boron	**3.4**	1.0	2.1	
7440-43-9	Cadmium	0.042	0.042	0.52	U
7440-47-3	Chromium	**12**	0.060	1.0	
7440-48-4	Cobalt	**8.9**	0.10	1.0	
7440-50-8	Copper	**25**	0.22	1.0	
7439-92-1	Lead	**5.4**	0.28	0.83	
7439-96-5	Manganese	**320**	0.10	1.0	
7439-98-7	Molybdenum	0.27	0.27	2.1	U
7782-49-2	Selenium	0.89	0.89	1.3	U
7440-22-4	Silver	0.17	0.17	1.0	U
7440-62-2	Vanadium	**62**	0.097	2.1	
7440-66-6	Zinc	**52**	0.41	1.0	

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Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK6
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-005
Matrix:	SOLID	**Lab WorkOrder:**	K0QMP
% Moisture:	2.9	**Date/Time Collected:**	10/07/08 15:42
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	6010B	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/15/08 08:30
QC Batch ID:	8288134	**Date/Time Analyzed:**	10/16/08 21:28
Sample Aliquot:	1.01 g	**Instrument ID:**	025
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
7440-36-0	Antimony	0.39	0.39	1.5	U
7440-38-2	Arsenic	**2.6**	0.68	2.1	
7440-39-3	Barium	**62**	0.078	1.0	
7440-41-7	Beryllium	**1.1**	0.034	0.51	
7440-42-8	Boron	**1.0**	1.0	2.1	B
7440-43-9	Cadmium	0.042	0.042	0.51	U
7440-47-3	Chromium	**9.1**	0.060	1.0	
7440-48-4	Cobalt	**7.8**	0.10	1.0	
7440-50-8	Copper	**21**	0.22	1.0	
7439-92-1	Lead	**3.9**	0.28	0.82	
7439-96-5	Manganese	**300**	0.10	1.0	
7439-98-7	Molybdenum	0.27	0.27	2.1	U
7782-49-2	Selenium	0.89	0.89	1.3	U
7440-22-4	Silver	0.16	0.16	1.0	U
7440-62-2	Vanadium	**54**	0.097	2.1	
7440-66-6	Zinc	**42**	0.41	1.0	

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Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK7
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-006
Matrix:	SOLID	**Lab WorkOrder:**	K0QMQ
% Moisture:	2.8	**Date/Time Collected:**	10/07/08 15:07
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	6010B	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/15/08 08:30
QC Batch ID:	8288134	**Date/Time Analyzed:**	10/16/08 21:33
Sample Aliquot:	1 g	**Instrument ID:**	025
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
7440-36-0	Antimony	0.39	0.39	1.5	U
7440-38-2	Arsenic	3.1	0.68	2.1	
7440-39-3	Barium	89	0.078	1.0	
7440-41-7	Beryllium	1.2	0.034	0.51	
7440-42-8	Boron	3.2	1.0	2.1	
7440-43-9	Cadmium	0.089	0.042	0.51	B
7440-47-3	Chromium	9.0	0.060	1.0	
7440-48-4	Cobalt	8.9	0.10	1.0	
7440-50-8	Copper	26	0.22	1.0	
7439-92-1	Lead	5.4	0.28	0.82	
7439-96-5	Manganese	360	0.10	1.0	
7439-98-7	Molybdenum	0.27	0.27	2.1	U
7782-49-2	Selenium	0.89	0.89	1.3	U
7440-22-4	Silver	0.16	0.16	1.0	U
7440-62-2	Vanadium	62	0.097	2.1	
7440-66-6	Zinc	51	0.41	1.0	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK8
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-007
Matrix:	SOLID	**Lab WorkOrder:**	K0QMT
% Moisture:	3.7	**Date/Time Collected:**	10/07/08 15:09
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	6010B	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/15/08 08:30
QC Batch ID:	8288134	**Date/Time Analyzed:**	10/16/08 21:38
Sample Aliquot:	1 g	**Instrument ID:**	025
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
7440-36-0	Antimony	**0.43**	0.39	1.6	B
7440-38-2	Arsenic	**3.2**	0.69	2.1	
7440-39-3	Barium	**85**	0.079	1.0	
7440-41-7	Beryllium	**1.3**	0.034	0.52	
7440-42-8	Boron	**3.7**	1.0	2.1	
7440-43-9	Cadmium	**0.089**	0.043	0.52	B
7440-47-3	Chromium	**8.8**	0.060	1.0	
7440-48-4	Cobalt	**9.3**	0.10	1.0	
7440-50-8	Copper	**27**	0.23	1.0	
7439-92-1	Lead	**8.3**	0.28	0.83	
7439-96-5	Manganese	**330**	0.10	1.0	
7439-98-7	Molybdenum	0.27	0.27	2.1	U
7782-49-2	Selenium	0.89	0.89	1.3	U
7440-22-4	Silver	0.17	0.17	1.0	U
7440-62-2	Vanadium	**67**	0.098	2.1	
7440-66-6	Zinc	**62**	0.41	1.0	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK9
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-008
Matrix:	SOLID	**Lab WorkOrder:**	K0QMV
% Moisture:	3.9	**Date/Time Collected:**	10/07/08 10:49
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	6010B	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/15/08 08:30
QC Batch ID:	8288134	**Date/Time Analyzed:**	10/16/08 21:43
Sample Aliquot:	1 g	**Instrument ID:**	025
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
7440-36-0	Antimony	0.40	0.40	1.6	U
7440-38-2	Arsenic	**2.9**	0.69	2.1	
7440-39-3	Barium	**91**	0.079	1.0	
7440-41-7	Beryllium	**1.1**	0.034	0.52	
7440-42-8	Boron	**4.9**	1.0	2.1	
7440-43-9	Cadmium	**0.047**	0.043	0.52	B
7440-47-3	Chromium	**9.8**	0.060	1.0	
7440-48-4	Cobalt	**8.4**	0.10	1.0	
7440-50-8	Copper	**22**	0.23	1.0	
7439-92-1	Lead	**4.1**	0.28	0.83	
7439-96-5	Manganese	**330**	0.10	1.0	
7439-98-7	Molybdenum	0.27	0.27	2.1	U
7782-49-2	Selenium	0.89	0.89	1.4	U
7440-22-4	Silver	0.17	0.17	1.0	U
7440-62-2	Vanadium	**59**	0.098	2.1	
7440-66-6	Zinc	**46**	0.41	1.0	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL0
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-009
Matrix:	SOLID	**Lab WorkOrder:**	K0QMW
% Moisture:	3.0	**Date/Time Collected:**	10/07/08 15:39
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	6010B	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/15/08 08:30
QC Batch ID:	8288134	**Date/Time Analyzed:**	10/16/08 21:48
Sample Aliquot:	1.03 g	**Instrument ID:**	025
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
7440-36-0	Antimony	0.39	0.39	1.5	U
7440-38-2	Arsenic	**2.4**	0.68	2.1	
7440-39-3	Barium	**66**	0.078	1.0	
7440-41-7	Beryllium	**1.4**	0.034	0.52	
7440-42-8	Boron	**2.1**	1.0	2.1	
7440-43-9	Cadmium	0.042	0.042	0.52	U
7440-47-3	Chromium	**6.4**	0.060	1.0	
7440-48-4	Cobalt	**9.3**	0.10	1.0	
7440-50-8	Copper	**23**	0.22	1.0	
7439-92-1	Lead	**3.6**	0.28	0.83	
7439-96-5	Manganese	**320**	0.10	1.0	
7439-98-7	Molybdenum	0.27	0.27	2.1	U
7782-49-2	Selenium	0.89	0.89	1.3	U
7440-22-4	Silver	0.17	0.17	1.0	U
7440-62-2	Vanadium	**69**	0.097	2.1	
7440-66-6	Zinc	**49**	0.41	1.0	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL1
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-010
Matrix:	SOLID	**Lab WorkOrder:**	K0QM1
% Moisture:	3.3	**Date/Time Collected:**	10/07/08 15:36
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	6010B	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/15/08 08:30
QC Batch ID:	8288134	**Date/Time Analyzed:**	10/16/08 22:08
Sample Aliquot:	1.01 g	**Instrument ID:**	025
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
7440-36-0	Antimony	**0.59**	0.39	1.6	B
7440-38-2	Arsenic	**2.3**	0.68	2.1	
7440-39-3	Barium	**78**	0.079	1.0	
7440-41-7	Beryllium	**1.4**	0.034	0.52	
7440-42-8	Boron	**1.9**	1.0	2.1	B
7440-43-9	Cadmium	0.042	0.042	0.52	U
7440-47-3	Chromium	**7.5**	0.060	1.0	
7440-48-4	Cobalt	**9.0**	0.10	1.0	
7440-50-8	Copper	**23**	0.22	1.0	
7439-92-1	Lead	**3.9**	0.28	0.83	
7439-96-5	Manganese	**320**	0.10	1.0	
7439-98-7	Molybdenum	0.27	0.27	2.1	U
7782-49-2	Selenium	0.89	0.89	1.3	U
7440-22-4	Silver	0.17	0.17	1.0	U
7440-62-2	Vanadium	**71**	0.097	2.1	
7440-66-6	Zinc	**49**	0.41	1.0	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL2
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-011
Matrix:	SOLID	**Lab WorkOrder:**	K0QM3
% Moisture:	5.0	**Date/Time Collected:**	10/07/08 11:06
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	6010B	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/15/08 08:30
QC Batch ID:	8288134	**Date/Time Analyzed:**	10/16/08 22:13
Sample Aliquot:	1 g	**Instrument ID:**	025
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
7440-36-0	Antimony	0.40	0.40	1.6	U
7440-38-2	Arsenic	**3.2**	0.69	2.1	
7440-39-3	Barium	**68**	0.080	1.1	
7440-41-7	Beryllium	**0.88**	0.035	0.53	
7440-42-8	Boron	**1.0**	1.0	2.1	B
7440-43-9	Cadmium	**0.065**	0.043	0.53	B
7440-47-3	Chromium	**10**	0.061	1.1	
7440-48-4	Cobalt	**7.0**	0.11	1.1	
7440-50-8	Copper	**19**	0.23	1.1	
7439-92-1	Lead	**3.4**	0.28	0.84	
7439-96-5	Manganese	**290**	0.11	1.1	
7439-98-7	Molybdenum	0.27	0.27	2.1	U
7782-49-2	Selenium	0.91	0.91	1.4	U
7440-22-4	Silver	0.17	0.17	1.1	U
7440-62-2	Vanadium	**47**	0.099	2.1	
7440-66-6	Zinc	**39**	0.42	1.1	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL3
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-012
Matrix:	SOLID	**Lab WorkOrder:**	K0QM6
% Moisture:	4.2	**Date/Time Collected:**	10/07/08 10:49
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	6010B	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/15/08 08:30
QC Batch ID:	8288134	**Date/Time Analyzed:**	10/16/08 22:18
Sample Aliquot:	1.02 g	**Instrument ID:**	025
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
7440-36-0	Antimony	0.40	0.40	1.6	U
7440-38-2	Arsenic	**2.5**	0.69	2.1	
7440-39-3	Barium	**99**	0.079	1.0	
7440-41-7	Beryllium	**1.1**	0.034	0.52	
7440-42-8	Boron	**4.6**	1.0	2.1	
7440-43-9	Cadmium	**0.060**	0.043	0.52	B
7440-47-3	Chromium	**9.6**	0.061	1.0	
7440-48-4	Cobalt	**8.5**	0.10	1.0	
7440-50-8	Copper	**22**	0.23	1.0	
7439-92-1	Lead	**4.0**	0.28	0.84	
7439-96-5	Manganese	**330**	0.10	1.0	
7439-98-7	Molybdenum	0.27	0.27	2.1	U
7782-49-2	Selenium	0.90	0.90	1.4	U
7440-22-4	Silver	0.17	0.17	1.0	U
7440-62-2	Vanadium	**59**	0.098	2.1	
7440-66-6	Zinc	**46**	0.42	1.0	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL4
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-013
Matrix:	SOLID	**Lab WorkOrder:**	K0QM8
% Moisture:	2.6	**Date/Time Collected:**	10/07/08 09:27
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	6010B	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/15/08 08:30
QC Batch ID:	8288134	**Date/Time Analyzed:**	10/16/08 22:23
Sample Aliquot:	1.01 g	**Instrument ID:**	025
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
7440-36-0	Antimony	**0.66**	0.39	1.5	B
7440-38-2	Arsenic	**2.3**	0.68	2.1	
7440-39-3	Barium	**57**	0.078	1.0	
7440-41-7	Beryllium	**1.3**	0.034	0.51	
7440-42-8	Boron	1.0	1.0	2.1	U
7440-43-9	Cadmium	0.042	0.042	0.51	U
7440-47-3	Chromium	**7.4**	0.060	1.0	
7440-48-4	Cobalt	**9.1**	0.10	1.0	
7440-50-8	Copper	**23**	0.22	1.0	
7439-92-1	Lead	**4.2**	0.28	0.82	
7439-96-5	Manganese	**320**	0.10	1.0	
7439-98-7	Molybdenum	0.27	0.27	2.1	U
7782-49-2	Selenium	0.88	0.88	1.3	U
7440-22-4	Silver	0.16	0.16	1.0	U
7440-62-2	Vanadium	**65**	0.096	2.1	
7440-66-6	Zinc	**46**	0.41	1.0	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL5
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-014
Matrix:	SOLID	**Lab WorkOrder:**	K0QM9
% Moisture:	2.7	**Date/Time Collected:**	10/07/08 13:57
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	6010B	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/15/08 08:30
QC Batch ID:	8288134	**Date/Time Analyzed:**	10/16/08 22:27
Sample Aliquot:	1 g	**Instrument ID:**	025
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
7440-36-0	Antimony	**0.63**	0.39	1.5	B
7440-38-2	Arsenic	**4.9**	0.68	2.1	
7440-39-3	Barium	**97**	0.078	1.0	
7440-41-7	Beryllium	**1.3**	0.034	0.51	
7440-42-8	Boron	**5.2**	1.0	2.1	
7440-43-9	Cadmium	**0.082**	0.042	0.51	B
7440-47-3	Chromium	**9.4**	0.060	1.0	
7440-48-4	Cobalt	**8.5**	0.10	1.0	
7440-50-8	Copper	**27**	0.22	1.0	
7439-92-1	Lead	**14**	0.28	0.82	
7439-96-5	Manganese	**420**	0.10	1.0	
7439-98-7	Molybdenum	**0.44**	0.27	2.1	B
7782-49-2	Selenium	0.88	0.88	1.3	U
7440-22-4	Silver	0.16	0.16	1.0	U
7440-62-2	Vanadium	**63**	0.097	2.1	
7440-66-6	Zinc	**98**	0.41	1.0	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL6
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-015
Matrix:	SOLID	**Lab WorkOrder:**	K0QNA
% Moisture:	1.9	**Date/Time Collected:**	10/07/08 14:08
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	6010B	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/15/08 08:30
QC Batch ID:	8288134	**Date/Time Analyzed:**	10/16/08 22:32
Sample Aliquot:	1.01 g	**Instrument ID:**	025
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
7440-36-0	Antimony	**0.46**	0.39	1.5	B
7440-38-2	Arsenic	**2.8**	0.67	2.0	
7440-39-3	Barium	**67**	0.077	1.0	
7440-41-7	Beryllium	**1.2**	0.034	0.51	
7440-42-8	Boron	**1.4**	1.0	2.0	B
7440-43-9	Cadmium	**0.049**	0.042	0.51	B
7440-47-3	Chromium	**8.2**	0.059	1.0	
7440-48-4	Cobalt	**8.4**	0.10	1.0	
7440-50-8	Copper	**22**	0.22	1.0	
7439-92-1	Lead	**4.4**	0.28	0.82	
7439-96-5	Manganese	**320**	0.10	1.0	
7439-98-7	Molybdenum	0.27	0.27	2.0	U
7782-49-2	Selenium	0.88	0.88	1.3	U
7440-22-4	Silver	0.16	0.16	1.0	U
7440-62-2	Vanadium	**62**	0.096	2.0	
7440-66-6	Zinc	**45**	0.41	1.0	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK2
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-001
Matrix:	SOLID	**Lab WorkOrder:**	K0QL0
% Moisture:	0.0	**Date/Time Collected:**	10/07/08 08:44
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	7471A	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/17/08 15:00
QC Batch ID:	8290295	**Date/Time Analyzed:**	10/17/08 18:43
Sample Aliquot:	0.6 g	**Instrument ID:**	023
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
7439-97-6	Mercury	0.0055	0.0055	0.017	U

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-002
Matrix:	SOLID	**Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	7471A	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/17/08 15:00
QC Batch ID:	8290295	**Date/Time Analyzed:**	10/17/08 18:52
Sample Aliquot:	0.6 g	**Instrument ID:**	023
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
7439-97-6	Mercury	0.0057	0.0057	0.017	U

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK4
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-003
Matrix:	SOLID	**Lab WorkOrder:**	K0QMG
% Moisture:	4.0	**Date/Time Collected:**	10/07/08 10:41
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	7471A	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/17/08 15:00
QC Batch ID:	8290295	**Date/Time Analyzed:**	10/17/08 18:55
Sample Aliquot:	0.62 g	**Instrument ID:**	023
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
7439-97-6	Mercury	**0.81**	0.0058	0.018	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK5
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-004
Matrix:	SOLID	**Lab WorkOrder:**	K0QMJ
% Moisture:	3.2	**Date/Time Collected:**	10/07/08 15:12
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	7471A	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/17/08 15:00
QC Batch ID:	8290295	**Date/Time Analyzed:**	10/17/08 19:03
Sample Aliquot:	0.62 g	**Instrument ID:**	023
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
7439-97-6	Mercury	0.0057	0.0057	0.018	U

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK6
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-005
Matrix:	SOLID	**Lab WorkOrder:**	K0QMP
% Moisture:	2.9	**Date/Time Collected:**	10/07/08 15:42
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	7471A	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/17/08 15:00
QC Batch ID:	8290295	**Date/Time Analyzed:**	10/17/08 19:05
Sample Aliquot:	0.61 g	**Instrument ID:**	023
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
7439-97-6	Mercury	**0.020**	0.0057	0.018	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK7
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-006
Matrix:	SOLID	**Lab WorkOrder:**	K0QMQ
% Moisture:	2.8	**Date/Time Collected:**	10/07/08 15:07
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	7471A	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/17/08 15:00
QC Batch ID:	8290295	**Date/Time Analyzed:**	10/17/08 19:08
Sample Aliquot:	0.6 g	**Instrument ID:**	023
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
7439-97-6	Mercury	0.040	0.0057	0.017	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK8
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-007
Matrix:	SOLID	**Lab WorkOrder:**	K0QMT
% Moisture:	3.7	**Date/Time Collected:**	10/07/08 15:09
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	7471A	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/17/08 15:00
QC Batch ID:	8290295	**Date/Time Analyzed:**	10/17/08 19:10
Sample Aliquot:	0.6 g	**Instrument ID:**	023
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
7439-97-6	Mercury	**0.61**	0.0057	0.018	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK9
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-008
Matrix:	SOLID	**Lab WorkOrder:**	K0QMV
% Moisture:	3.9	**Date/Time Collected:**	10/07/08 10:49
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	7471A	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/17/08 15:00
QC Batch ID:	8290295	**Date/Time Analyzed:**	10/17/08 19:13
Sample Aliquot:	0.6 g	**Instrument ID:**	023
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
7439-97-6	Mercury	**0.0059**	0.0058	0.018	**B**

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL0
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-009
Matrix:	SOLID	**Lab WorkOrder:**	K0QMW
% Moisture:	3.0	**Date/Time Collected:**	10/07/08 15:39
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	7471A	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/17/08 15:00
QC Batch ID:	8290295	**Date/Time Analyzed:**	10/17/08 19:16
Sample Aliquot:	0.6 g	**Instrument ID:**	023
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
7439-97-6	Mercury	0.15	0.0057	0.018	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL1
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-010
Matrix:	SOLID	**Lab WorkOrder:**	K0QM1
% Moisture:	3.3	**Date/Time Collected:**	10/07/08 15:36
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	7471A	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/17/08 15:00
QC Batch ID:	8290295	**Date/Time Analyzed:**	10/17/08 19:23
Sample Aliquot:	0.62 g	**Instrument ID:**	023
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
7439-97-6	Mercury	**0.011**	0.0057	0.018	**B**

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL2
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-011
Matrix:	SOLID	**Lab WorkOrder:**	K0QM3
% Moisture:	5.0	**Date/Time Collected:**	10/07/08 11:06
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	7471A	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/17/08 15:00
QC Batch ID:	8290295	**Date/Time Analyzed:**	10/17/08 19:25
Sample Aliquot:	0.6 g	**Instrument ID:**	023
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
7439-97-6	Mercury	0.0087	0.0058	0.018	B

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL3
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-012
Matrix:	SOLID	**Lab WorkOrder:**	K0QM6
% Moisture:	4.2	**Date/Time Collected:**	10/07/08 10:49
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	7471A	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/17/08 15:00
QC Batch ID:	8290295	**Date/Time Analyzed:**	10/17/08 19:27
Sample Aliquot:	0.61 g	**Instrument ID:**	023
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
7439-97-6	Mercury	**0.0062**	0.0058	0.018	B

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL4
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-013
Matrix:	SOLID	**Lab WorkOrder:**	K0QM8
% Moisture:	2.6	**Date/Time Collected:**	10/07/08 09:27
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	7471A	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/17/08 15:00
QC Batch ID:	8290295	**Date/Time Analyzed:**	10/17/08 19:30
Sample Aliquot:	0.61 g	**Instrument ID:**	023
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
7439-97-6	Mercury	0.0057	0.0057	0.017	U

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL5
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-014
Matrix:	SOLID	**Lab WorkOrder:**	K0QM9
% Moisture:	2.7	**Date/Time Collected:**	10/07/08 13:57
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	7471A	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/17/08 15:00
QC Batch ID:	8290295	**Date/Time Analyzed:**	10/17/08 19:37
Sample Aliquot:	0.61 g	**Instrument ID:**	023
Dilution Factor:	10		

CAS No.	Analyte	Conc.	MDL	RL	Q
7439-97-6	Mercury	**0.87**	0.057	0.17	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL6
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-015
Matrix:	SOLID	**Lab WorkOrder:**	K0QNA
% Moisture:	1.9	**Date/Time Collected:**	10/07/08 14:08
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	7471A	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/17/08 15:00
QC Batch ID:	8290295	**Date/Time Analyzed:**	10/17/08 19:40
Sample Aliquot:	0.62 g	**Instrument ID:**	023
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
7439-97-6	Mercury	**0.019**	0.0056	0.017	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J140000-134B
Matrix:	SOLID	**Lab WorkOrder:**	K0RE8
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	6010B	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/15/08 08:30
QC Batch ID:	8288134	**Date/Time Analyzed:**	10/16/08 20:20
Sample Aliquot:	1 g	**Instrument ID:**	025
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
7440-36-0	Antimony	0.38	0.38	1.5	U
7440-38-2	Arsenic	0.66	0.66	2.0	U
7439-92-1	Lead	0.27	0.27	0.80	U
7439-96-5	Manganese	0.10	0.10	1.0	U
7439-98-7	Molybdenum	0.26	0.26	2.0	U
7440-39-3	Barium	**0.079**	0.076	1.0	B
7440-41-7	Beryllium	0.033	0.033	0.50	U
7782-49-2	Selenium	0.86	0.86	1.3	U
7440-22-4	Silver	0.16	0.16	1.0	U
7440-62-2	Vanadium	0.094	0.094	2.0	U
7440-66-6	Zinc	**0.41**	0.40	1.0	B
7440-47-3	Chromium	0.058	0.058	1.0	U
7440-42-8	Boron	0.98	0.98	2.0	U
7440-43-9	Cadmium	0.041	0.041	0.50	U
7440-48-4	Cobalt	0.10	0.10	1.0	U
7440-50-8	Copper	0.22	0.22	1.0	U

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J160000-295B
Matrix:	SOLID	**Lab WorkOrder:**	K01DL
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	7471A	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/17/08 15:00
QC Batch ID:	8290295	**Date/Time Analyzed:**	10/17/08 18:39
Sample Aliquot:	0.6 g	**Instrument ID:**	023
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
7439-97-6	Mercury	0.0055	0.0055	0.017	U

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK2 DUP
Lot/SDG Number:	D8J130174	**MSD Lab Sample ID:**	D8J130174-001X
Matrix:	SOLID	**MSD Lab WorkOrder:**	K0QL0
% Moisture:	0.0	**Date/Time Collected:**	10/07/08 08:44
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	6010B	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/15/08 08:30
QC Batch ID:	8288134	**Date/Time Analyzed:**	10/16/08 20:54
MSD Sample Aliquot:	1.01 g	**Instrument ID:**	025
MSD Dilution Factor:	1		

Analyte	RPD Limit	Sample Result	Q	Duplicate Result	RPD	Q
Lead	40	0.30	B M	0.27	78	U M
Manganese	40	3.7		3.8	0.58	
Molybdenum	30	0.26	U	0.26	5.6	U
Barium	30	1.3		1.4	0.66	
Beryllium	30	0.033	U	0.033	7.7	U
Selenium	30	0.86	U	0.86	0	U
Silver	30	0.16	U	0.16	0	U
Vanadium	30	0.094	U	0.11	27	B
Zinc	40	0.97	B C	0.98	1.5	B C
Chromium	40	0.065	B	0.073	11	B
Boron	30	0.98	U	0.98	0	U
Cadmium	30	0.041	U	0.041	0	U
Cobalt	30	0.10	U	0.10	0	U
Copper	30	0.22	U	0.22	0	U
Antimony	40	0.38	U	0.38	1.2	U
Arsenic	30	0.66	U	0.66	25	U

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK2 DUP
Lot/SDG Number:	D8J130174	**MSD Lab Sample ID:**	D8J130174-001X
Matrix:	SOLID	**MSD Lab WorkOrder:**	K0QL0
% Moisture:	0.0	**Date/Time Collected:**	10/07/08 08:44
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	7471A	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/17/08 15:00
QC Batch ID:	8290295	**Date/Time Analyzed:**	10/17/08 18:50
MSD Sample Aliquot:	0.6 g	**Instrument ID:**	023
MSD Dilution Factor:	1		

Analyte	RPD Limit	Sample Result	Q	Duplicate Result	RPD	Q
Mercury	20	0.0055	U	0.0055	0	U

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J140000-134C
Matrix:	SOLID	**Lab WorkOrder:**	K0RE8
% Moisture:	0.0	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	6010B	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/15/08 08:30
QC Batch ID:	8288134	**Date/Time Analyzed:**	10/16/08 20:25
Sample Aliquot:	1 g	**Instrument ID:**	025
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Antimony	50.0	47.4	95		82 - 110
Arsenic	100	95.7	96		85 - 110
Lead	50.0	47.7	95		86 - 110
Manganese	50.0	46.4	93		88 - 110
Molybdenum	100	95.2	95		86 - 110
Barium	200	183	91		87 - 112
Beryllium	5.00	4.69	94		84 - 114
Selenium	200	188	94		83 - 110
Silver	5.00	4.79	96		87 - 114
Vanadium	50.0	46.8	94		88 - 110
Zinc	50.0	47.2	94		76 - 114
Chromium	20.0	18.8	94		84 - 114
Boron	100	91.2	91		81 - 110
Cadmium	10.0	9.76	98		87 - 110
Cobalt	50.0	45.7	91		87 - 110
Copper	25.0	23.4	93		88 - 110

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J140000-134L
Matrix:	SOLID	**Lab WorkOrder:**	K0RE8
% Moisture:	0.0	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	6010B	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/15/08 08:30
QC Batch ID:	8288134	**Date/Time Analyzed:**	10/16/08 20:30
Sample Aliquot:	1 g	**Instrument ID:**	025
Dilution Factor:	1		

Analyte	True	Found	C	% Rec	Q	RPD	Q	QC Limits	
								% Rec	RPD
Antimony	50.0	48.2		96		1.6		82 - 110	20
Arsenic	100	97.9		98		2.3		85 - 110	20
Lead	50.0	49.0		98		2.8		86 - 110	20
Manganese	50.0	47.5		95		2.3		88 - 110	20
Molybdenum	100	96.3		96		1.1		86 - 110	20
Barium	200	197		98		7.3		87 - 112	20
Beryllium	5.00	5.06		101		7.5		84 - 114	20
Selenium	200	193		96		2.2		83 - 110	20
Silver	5.00	4.95		99		3.4		87 - 114	20
Vanadium	50.0	48.0		96		2.6		88 - 110	20
Zinc	50.0	48.2		96		2.2		76 - 114	20
Chromium	20.0	19.2		96		2.2		84 - 114	20
Boron	100	92.4		92		1.2		81 - 110	20
Cadmium	10.0	10.0		100		2.4		87 - 110	20
Cobalt	50.0	46.9		94		2.7		87 - 110	20
Copper	25.0	23.8		95		1.7		88 - 110	20

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J160000-295C
Matrix:	SOLID	**Lab WorkOrder:**	K01DL
% Moisture:	0.0	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	7471A	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/17/08 15:00
QC Batch ID:	8290295	**Date/Time Analyzed:**	10/17/08 18:41
Sample Aliquot:	0.6 g	**Instrument ID:**	023
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Mercury	0.417	0.411	99		87 - 111

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK2
Lot/SDG Number:	D8J130174	**MS Lab Sample ID:**	D8J130174-001S
Matrix:	SOLID	**MS Lab WorkOrder:**	K0QL0
% Moisture:	0.0	**Date/Time Collected:**	10/07/08 08:44
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	6010B	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/15/08 08:30
QC Batch ID:	8288134	**Date/Time Analyzed:**	10/16/08 20:45
MS Sample Aliquot:	1.01 g	**Instrument ID:**	025
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	C	% Rec	Q	QC Limit
Antimony	49.5	0.38	U	45.9		92		20 - 200
Arsenic	99.0	0.66	U	96.3		97		76 - 111
Barium	198	1.3		186		93		52 - 159
Beryllium	4.95	0.033	U	4.75		95		72 - 105
Boron	99.0	0.98	U	89.0		90		75 - 107
Cadmium	9.90	0.041	U	9.70		98		40 - 130
Chromium	19.8	0.065	B	18.8		94		70 - 200
Cobalt	49.5	0.10	U	45.9		93		72 - 106
Copper	24.8	0.22	U	23.6		95		37 - 187
Lead	49.5	0.30	B M	48.1		97		70 - 200
Manganese	49.5	3.7		50.5		95		40 - 200
Molybdenum	99.0	0.26	U	92.9		94		75 - 103
Selenium	198	0.86	U	188		95		76 - 104
Silver	4.95	0.16	U	4.77		95		75 - 141
Vanadium	49.5	0.094	U	47.0		95		50 - 169
Zinc	49.5	0.97	B C	48.6		96		70 - 200

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK2
Lot/SDG Number:	D8J130174	**MSD Lab Sample ID:**	D8J130174-001D
Matrix:	SOLID	**MSD Lab WorkOrder:**	K0QL0
% Moisture:	0.0	**Date/Time Collected:**	10/07/08 08:44
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	6010B	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/15/08 08:30
QC Batch ID:	8288134	**Date/Time Analyzed:**	10/16/08 20:49
MSD Sample Aliquot:	1.01 g	**Instrument ID:**	025
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	C	% Rec	Q	RPD	Q	QC Limits	
										% Rec	RPD
Antimony	49.5	0.38	U	45.7		92		0.51		20 - 200	40
Arsenic	99.0	0.66	U	93.3		94		3.2		76 - 111	30
Barium	198	1.3		191		96		2.6		52 - 159	30
Beryllium	4.95	0.033	U	4.86		98		2.3		72 - 105	30
Boron	99.0	0.98	U	87.8		89		1.4		75 - 107	30
Cadmium	9.90	0.041	U	9.48		96		2.4		40 - 130	30
Chromium	19.8	0.065	B	18.2		92		2.8		70 - 200	40
Cobalt	49.5	0.10	U	44.8		90		2.3		72 - 106	30
Copper	24.8	0.22	U	22.9		92		2.9		37 - 187	30
Lead	49.5	0.30	B M	47.2		95		1.9		70 - 200	40
Manganese	49.5	3.7		48.7		91		3.6		40 - 200	40
Molybdenum	99.0	0.26	U	91.6		92		1.4		75 - 103	30
Selenium	198	0.86	U	184		93		2.0		76 - 104	30
Silver	4.95	0.16	U	4.67		93		2.0		75 - 141	30
Vanadium	49.5	0.094	U	45.8		92		2.4		50 - 169	30
Zinc	49.5	0.97	B C	46.8		93		3.6		70 - 200	40

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK2
Lot/SDG Number:	D8J130174	**MS Lab Sample ID:**	D8J130174-001S
Matrix:	SOLID	**MS Lab WorkOrder:**	K0QL0
% Moisture:	0.0	**Date/Time Collected:**	10/07/08 08:44
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	7471A	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/17/08 15:00
QC Batch ID:	8290295	**Date/Time Analyzed:**	10/17/08 18:46
MS Sample Aliquot:	0.6 g	**Instrument ID:**	023
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	C	% Rec	Q	QC Limit
Mercury	0.417	0.0055	U	0.391		94		87 - 111

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Total Metals Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK2
Lot/SDG Number:	D8J130174	**MSD Lab Sample ID:**	D8J130174-001D
Matrix:	SOLID	**MSD Lab WorkOrder:**	K0QL0
% Moisture:	0.0	**Date/Time Collected:**	10/07/08 08:44
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	7471A	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/17/08 15:00
QC Batch ID:	8290295	**Date/Time Analyzed:**	10/17/08 18:48
MSD Sample Aliquot:	0.6 g	**Instrument ID:**	023
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	C	% Rec	Q	RPD	Q	QC Limits	
										% Rec	RPD
Mercury	0.417	0.0055	U	0.384		92		1.6		87 - 111	20

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THE LEADER IN ENVIRONMENTAL TESTING

Anions

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-002
Matrix:	SOLID	**Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295069	**Date/Time Analyzed:**	10/20/08 14:48
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q85	Bromide	0.40	0.40	2.1	U

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK4
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-003
Matrix:	SOLID	**Lab WorkOrder:**	K0QMG
% Moisture:	4.0	**Date/Time Collected:**	10/07/08 10:41
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295069	**Date/Time Analyzed:**	10/20/08 15:56
Sample Aliquot:		**Instrument ID:**	NO INST
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q85	Bromide	0.40	0.40	2.1	U

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK5
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-004
Matrix:	SOLID	**Lab WorkOrder:**	K0QMJ
% Moisture:	3.2	**Date/Time Collected:**	10/07/08 15:12
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295069	**Date/Time Analyzed:**	10/20/08 16:12
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q85	Bromide	0.40	0.40	2.1	U

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK6
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-005
Matrix:	SOLID	**Lab WorkOrder:**	K0QMP
% Moisture:	2.9	**Date/Time Collected:**	10/07/08 15:42
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295069	**Date/Time Analyzed:**	10/20/08 16:29
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q85	Bromide	0.40	0.40	2.1	U

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK7
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-006
Matrix:	SOLID	**Lab WorkOrder:**	K0QMQ
% Moisture:	2.8	**Date/Time Collected:**	10/07/08 15:07
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295069	**Date/Time Analyzed:**	10/20/08 17:20
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q85	Bromide	0.40	0.40	2.1	U

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK8
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-007
Matrix:	SOLID	**Lab WorkOrder:**	K0QMT
% Moisture:	3.7	**Date/Time Collected:**	10/07/08 15:09
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295069	**Date/Time Analyzed:**	10/20/08 17:36
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q85	Bromide	0.40	0.40	2.1	U

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK9
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-008
Matrix:	SOLID	**Lab WorkOrder:**	K0QMV
% Moisture:	3.9	**Date/Time Collected:**	10/07/08 10:49
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295069	**Date/Time Analyzed:**	10/20/08 17:53
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q85	Bromide	0.40	0.40	2.1	U

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL0
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-009
Matrix:	SOLID	**Lab WorkOrder:**	K0QMW
% Moisture:	3.0	**Date/Time Collected:**	10/07/08 15:39
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295069	**Date/Time Analyzed:**	10/20/08 18:10
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q85	Bromide	0.40	0.40	2.1	U

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL1
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-010
Matrix:	SOLID	**Lab WorkOrder:**	K0QM1
% Moisture:	3.3	**Date/Time Collected:**	10/07/08 15:36
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295069	**Date/Time Analyzed:**	10/20/08 18:27
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q85	Bromide	0.40	0.40	2.1	U

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL2
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-011
Matrix:	SOLID	**Lab WorkOrder:**	K0QM3
% Moisture:	5.0	**Date/Time Collected:**	10/07/08 11:06
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295069	**Date/Time Analyzed:**	10/20/08 18:44
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q85	Bromide	0.41	0.41	2.1	U

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL3
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-012
Matrix:	SOLID	**Lab WorkOrder:**	K0QM6
% Moisture:	4.2	**Date/Time Collected:**	10/07/08 10:49
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295069	**Date/Time Analyzed:**	10/20/08 19:01
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q85	Bromide	0.41	0.41	2.1	U

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL4
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-013
Matrix:	SOLID	**Lab WorkOrder:**	K0QM8
% Moisture:	2.6	**Date/Time Collected:**	10/07/08 09:27
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295069	**Date/Time Analyzed:**	10/20/08 19:17
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q85	Bromide	0.40	0.40	2.1	U

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL5
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-014
Matrix:	SOLID	**Lab WorkOrder:**	K0QM9
% Moisture:	2.7	**Date/Time Collected:**	10/07/08 13:57
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295069	**Date/Time Analyzed:**	10/20/08 19:34
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q85	Bromide	0.40	0.40	2.1	U

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL6
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-015
Matrix:	SOLID	**Lab WorkOrder:**	K0QNA
% Moisture:	1.9	**Date/Time Collected:**	10/07/08 14:08
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295069	**Date/Time Analyzed:**	10/20/08 19:51
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q85	Bromide	0.40	0.40	2.0	U

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-002
Matrix:	SOLID	**Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295070	**Date/Time Analyzed:**	10/20/08 14:48
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q338	Fluoride	0.87	0.84	5.1	B

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK4
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-003
Matrix:	SOLID	**Lab WorkOrder:**	K0QMG
% Moisture:	4.0	**Date/Time Collected:**	10/07/08 10:41
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295070	**Date/Time Analyzed:**	10/20/08 15:56
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q338	Fluoride	0.86	0.86	5.2	U

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK5
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-004
Matrix:	SOLID	**Lab WorkOrder:**	K0QMJ
% Moisture:	3.2	**Date/Time Collected:**	10/07/08 15:12
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295070	**Date/Time Analyzed:**	10/20/08 16:12
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q338	Fluoride	1.1	0.85	5.2	B

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK6
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-005
Matrix:	SOLID	**Lab WorkOrder:**	K0QMP
% Moisture:	2.9	**Date/Time Collected:**	10/07/08 15:42
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295070	**Date/Time Analyzed:**	10/20/08 16:29
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q338	Fluoride	0.85	0.85	5.1	U

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK7
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-006
Matrix:	SOLID	**Lab WorkOrder:**	K0QMQ
% Moisture:	2.8	**Date/Time Collected:**	10/07/08 15:07
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295070	**Date/Time Analyzed:**	10/20/08 17:20
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q338	Fluoride	1.7	0.85	5.1	B

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK8
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-007
Matrix:	SOLID	**Lab WorkOrder:**	K0QMT
% Moisture:	3.7	**Date/Time Collected:**	10/07/08 15:09
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295070	**Date/Time Analyzed:**	10/20/08 17:36
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q338	Fluoride	**0.91**	0.85	5.2	**B**

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK9
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-008
Matrix:	SOLID	**Lab WorkOrder:**	K0QMV
% Moisture:	3.9	**Date/Time Collected:**	10/07/08 10:49
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295070	**Date/Time Analyzed:**	10/20/08 17:53
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q338	Fluoride	1.0	0.86	5.2	B

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL0
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-009
Matrix:	SOLID	**Lab WorkOrder:**	K0QMW
% Moisture:	3.0	**Date/Time Collected:**	10/07/08 15:39
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295070	**Date/Time Analyzed:**	10/20/08 18:10
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q338	Fluoride	1.0	0.85	5.2	B

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL1
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-010
Matrix:	SOLID	**Lab WorkOrder:**	K0QM1
% Moisture:	3.3	**Date/Time Collected:**	10/07/08 15:36
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295070	**Date/Time Analyzed:**	10/20/08 18:27
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q338	Fluoride	0.85	0.85	5.2	U

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL2
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-011
Matrix:	SOLID	**Lab WorkOrder:**	K0QM3
% Moisture:	5.0	**Date/Time Collected:**	10/07/08 11:06
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295070	**Date/Time Analyzed:**	10/20/08 18:44
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q338	Fluoride	0.87	0.87	5.3	U

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL3
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-012
Matrix:	SOLID	**Lab WorkOrder:**	K0QM6
% Moisture:	4.2	**Date/Time Collected:**	10/07/08 10:49
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295070	**Date/Time Analyzed:**	10/20/08 19:01
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q338	Fluoride	1.1	0.86	5.2	B

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL4
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-013
Matrix:	SOLID	**Lab WorkOrder:**	K0QM8
% Moisture:	2.6	**Date/Time Collected:**	10/07/08 09:27
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295070	**Date/Time Analyzed:**	10/20/08 19:17
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q338	Fluoride	0.84	0.84	5.1	U

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL5
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-014
Matrix:	SOLID	**Lab WorkOrder:**	K0QM9
% Moisture:	2.7	**Date/Time Collected:**	10/07/08 13:57
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295070	**Date/Time Analyzed:**	10/20/08 19:34
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q338	Fluoride	0.84	0.84	5.1	U

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL6
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-015
Matrix:	SOLID	**Lab WorkOrder:**	K0QNA
% Moisture:	1.9	**Date/Time Collected:**	10/07/08 14:08
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295070	**Date/Time Analyzed:**	10/20/08 19:51
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q338	Fluoride	**0.89**	0.84	5.1	**B**

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-002
Matrix:	SOLID	**Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295071	**Date/Time Analyzed:**	10/20/08 14:48
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q479	Nitrate	0.81	0.32	2.1	B C

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK4
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-003
Matrix:	SOLID	**Lab WorkOrder:**	K0QMG
% Moisture:	4.0	**Date/Time Collected:**	10/07/08 10:41
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295071	**Date/Time Analyzed:**	10/20/08 15:56
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q479	Nitrate	12	0.33	2.1	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK5
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-004
Matrix:	SOLID	**Lab WorkOrder:**	K0QMJ
% Moisture:	3.2	**Date/Time Collected:**	10/07/08 15:12
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295071	**Date/Time Analyzed:**	10/20/08 16:12
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q479	Nitrate	1.4	0.32	2.1	B C

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK6
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-005
Matrix:	SOLID	**Lab WorkOrder:**	K0QMP
% Moisture:	2.9	**Date/Time Collected:**	10/07/08 15:42
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295071	**Date/Time Analyzed:**	10/20/08 16:29
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q479	Nitrate	0.71	0.32	2.1	B C

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THE LEADER IN ENVIRONMENTAL TESTING

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK7
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-006
Matrix:	SOLID	**Lab WorkOrder:**	K0QMQ
% Moisture:	2.8	**Date/Time Collected:**	10/07/08 15:07
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295071	**Date/Time Analyzed:**	10/20/08 17:20
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q479	Nitrate	1.4	0.32	2.1	B C

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK8
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-007
Matrix:	SOLID	**Lab WorkOrder:**	K0QMT
% Moisture:	3.7	**Date/Time Collected:**	10/07/08 15:09
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295071	**Date/Time Analyzed:**	10/20/08 17:36
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q479	Nitrate	2.4	0.33	2.1	C

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK9
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-008
Matrix:	SOLID	**Lab WorkOrder:**	K0QMV
% Moisture:	3.9	**Date/Time Collected:**	10/07/08 10:49
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295071	**Date/Time Analyzed:**	10/20/08 17:53
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q479	Nitrate	0.33	0.33	2.1	B C

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL0
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-009
Matrix:	SOLID	**Lab WorkOrder:**	K0QMW
% Moisture:	3.0	**Date/Time Collected:**	10/07/08 15:39
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295071	**Date/Time Analyzed:**	10/20/08 18:10
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q479	Nitrate	0.53	0.32	2.1	B C

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL1
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-010
Matrix:	SOLID	**Lab WorkOrder:**	K0QM1
% Moisture:	3.3	**Date/Time Collected:**	10/07/08 15:36
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295071	**Date/Time Analyzed:**	10/20/08 18:27
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q479	Nitrate	1.2	0.32	2.1	B C

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL2
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-011
Matrix:	SOLID	**Lab WorkOrder:**	K0QM3
% Moisture:	5.0	**Date/Time Collected:**	10/07/08 11:06
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295071	**Date/Time Analyzed:**	10/20/08 18:44
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q479	Nitrate	0.56	0.33	2.1	B C

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL3
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-012
Matrix:	SOLID	**Lab WorkOrder:**	K0QM6
% Moisture:	4.2	**Date/Time Collected:**	10/07/08 10:49
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295071	**Date/Time Analyzed:**	10/20/08 19:01
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q479	Nitrate	0.35	0.33	2.1	B C

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL4
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-013
Matrix:	SOLID	**Lab WorkOrder:**	K0QM8
% Moisture:	2.6	**Date/Time Collected:**	10/07/08 09:27
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295071	**Date/Time Analyzed:**	10/20/08 19:17
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q479	Nitrate	0.72	0.32	2.1	B C

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL5
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-014
Matrix:	SOLID	**Lab WorkOrder:**	K0QM9
% Moisture:	2.7	**Date/Time Collected:**	10/07/08 13:57
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295071	**Date/Time Analyzed:**	10/20/08 19:34
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q479	Nitrate	**6.2**	0.32	2.1	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL6
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-015
Matrix:	SOLID	**Lab WorkOrder:**	K0QNA
% Moisture:	1.9	**Date/Time Collected:**	10/07/08 14:08
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295071	**Date/Time Analyzed:**	10/20/08 19:51
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q479	Nitrate	0.95	0.32	2.0	B C

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-002
Matrix:	SOLID	**Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295072	**Date/Time Analyzed:**	10/20/08 14:48
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q481	Nitrite	0.34	0.34	2.1	U

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK4
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-003
Matrix:	SOLID	**Lab WorkOrder:**	K0QMG
% Moisture:	4.0	**Date/Time Collected:**	10/07/08 10:41
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295072	**Date/Time Analyzed:**	10/20/08 15:56
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q481	Nitrite	0.35	0.35	2.1	U

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK5
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-004
Matrix:	SOLID	**Lab WorkOrder:**	K0QMJ
% Moisture:	3.2	**Date/Time Collected:**	10/07/08 15:12
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295072	**Date/Time Analyzed:**	10/20/08 16:12
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q481	Nitrite	0.35	0.35	2.1	U

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK6
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-005
Matrix:	SOLID	**Lab WorkOrder:**	K0QMP
% Moisture:	2.9	**Date/Time Collected:**	10/07/08 15:42
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295072	**Date/Time Analyzed:**	10/20/08 16:29
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q481	Nitrite	0.35	0.35	2.1	U

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK7
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-006
Matrix:	SOLID	**Lab WorkOrder:**	K0QMQ
% Moisture:	2.8	**Date/Time Collected:**	10/07/08 15:07
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295072	**Date/Time Analyzed:**	10/20/08 17:20
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q481	Nitrite	0.35	0.35	2.1	U

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK8
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-007
Matrix:	SOLID	**Lab WorkOrder:**	K0QMT
% Moisture:	3.7	**Date/Time Collected:**	10/07/08 15:09
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295072	**Date/Time Analyzed:**	10/20/08 17:36
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q481	Nitrite	0.35	0.35	2.1	U

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK9
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-008
Matrix:	SOLID	**Lab WorkOrder:**	K0QMV
% Moisture:	3.9	**Date/Time Collected:**	10/07/08 10:49
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295072	**Date/Time Analyzed:**	10/20/08 17:53
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q481	Nitrite	0.35	0.35	2.1	U

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL0
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-009
Matrix:	SOLID	**Lab WorkOrder:**	K0QMW
% Moisture:	3.0	**Date/Time Collected:**	10/07/08 15:39
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295072	**Date/Time Analyzed:**	10/20/08 18:10
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q481	Nitrite	0.35	0.35	2.1	U

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL1
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-010
Matrix:	SOLID	**Lab WorkOrder:**	K0QM1
% Moisture:	3.3	**Date/Time Collected:**	10/07/08 15:36
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295072	**Date/Time Analyzed:**	10/20/08 18:27
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q481	Nitrite	0.35	0.35	2.1	U

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL2
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-011
Matrix:	SOLID	**Lab WorkOrder:**	K0QM3
% Moisture:	5.0	**Date/Time Collected:**	10/07/08 11:06
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295072	**Date/Time Analyzed:**	10/20/08 18:44
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q481	Nitrite	0.35	0.35	2.1	U

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL3
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-012
Matrix:	SOLID	**Lab WorkOrder:**	K0QM6
% Moisture:	4.2	**Date/Time Collected:**	10/07/08 10:49
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295072	**Date/Time Analyzed:**	10/20/08 19:01
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q481	Nitrite	0.35	0.35	2.1	U

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL4
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-013
Matrix:	SOLID	**Lab WorkOrder:**	K0QM8
% Moisture:	2.6	**Date/Time Collected:**	10/07/08 09:27
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295072	**Date/Time Analyzed:**	10/20/08 19:17
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q481	Nitrite	0.34	0.34	2.1	U

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL5
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-014
Matrix:	SOLID	**Lab WorkOrder:**	K0QM9
% Moisture:	2.7	**Date/Time Collected:**	10/07/08 13:57
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295072	**Date/Time Analyzed:**	10/20/08 19:34
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q481	Nitrite	0.35	0.35	2.1	U

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL6
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-015
Matrix:	SOLID	**Lab WorkOrder:**	K0QNA
% Moisture:	1.9	**Date/Time Collected:**	10/07/08 14:08
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295072	**Date/Time Analyzed:**	10/20/08 19:51
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q481	Nitrite	0.34	0.34	2.0	U

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-002
Matrix:	SOLID	**Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295073	**Date/Time Analyzed:**	10/20/08 14:48
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q551	Orthophosphate	0.51	0.51	5.1	U

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK4
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-003
Matrix:	SOLID	**Lab WorkOrder:**	K0QMG
% Moisture:	4.0	**Date/Time Collected:**	10/07/08 10:41
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295073	**Date/Time Analyzed:**	10/20/08 15:56
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q551	Orthophosphate	0.71	0.52	5.2	B

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK5
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-004
Matrix:	SOLID	**Lab WorkOrder:**	K0QMJ
% Moisture:	3.2	**Date/Time Collected:**	10/07/08 15:12
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295073	**Date/Time Analyzed:**	10/20/08 16:12
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q551	Orthophosphate	0.73	0.52	5.2	B

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK6
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-005
Matrix:	SOLID	**Lab WorkOrder:**	K0QMP
% Moisture:	2.9	**Date/Time Collected:**	10/07/08 15:42
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295073	**Date/Time Analyzed:**	10/20/08 16:29
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q551	Orthophosphate	0.52	0.52	5.1	U

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK7
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-006
Matrix:	SOLID	**Lab WorkOrder:**	K0QMQ
% Moisture:	2.8	**Date/Time Collected:**	10/07/08 15:07
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295073	**Date/Time Analyzed:**	10/20/08 17:20
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q551	Orthophosphate	**0.56**	0.52	5.1	B

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK8
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-007
Matrix:	SOLID	**Lab WorkOrder:**	K0QMT
% Moisture:	3.7	**Date/Time Collected:**	10/07/08 15:09
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295073	**Date/Time Analyzed:**	10/20/08 17:36
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q551	Orthophosphate	0.64	0.52	5.2	B

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK9
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-008
Matrix:	SOLID	**Lab WorkOrder:**	K0QMV
% Moisture:	3.9	**Date/Time Collected:**	10/07/08 10:49
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295073	**Date/Time Analyzed:**	10/20/08 17:53
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q551	Orthophosphate	0.52	0.52	5.2	U

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL0
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-009
Matrix:	SOLID	**Lab WorkOrder:**	K0QMW
% Moisture:	3.0	**Date/Time Collected:**	10/07/08 15:39
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295073	**Date/Time Analyzed:**	10/20/08 18:10
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q551	Orthophosphate	**0.56**	0.52	5.2	B

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL1
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-010
Matrix:	SOLID	**Lab WorkOrder:**	K0QM1
% Moisture:	3.3	**Date/Time Collected:**	10/07/08 15:36
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295073	**Date/Time Analyzed:**	10/20/08 18:27
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q551	Orthophosphate	0.52	0.52	5.2	U

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL2
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-011
Matrix:	SOLID	**Lab WorkOrder:**	K0QM3
% Moisture:	5.0	**Date/Time Collected:**	10/07/08 11:06
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295073	**Date/Time Analyzed:**	10/20/08 18:44
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q551	Orthophosphate	0.53	0.53	5.3	U

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL3
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-012
Matrix:	SOLID	**Lab WorkOrder:**	K0QM6
% Moisture:	4.2	**Date/Time Collected:**	10/07/08 10:49
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295073	**Date/Time Analyzed:**	10/20/08 19:01
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q551	Orthophosphate	0.52	0.52	5.2	U

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL4
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-013
Matrix:	SOLID	**Lab WorkOrder:**	K0QM8
% Moisture:	2.6	**Date/Time Collected:**	10/07/08 09:27
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295073	**Date/Time Analyzed:**	10/20/08 19:17
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q551	Orthophosphate	0.52	0.52	5.1	U

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL5
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-014
Matrix:	SOLID	**Lab WorkOrder:**	K0QM9
% Moisture:	2.7	**Date/Time Collected:**	10/07/08 13:57
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295073	**Date/Time Analyzed:**	10/20/08 19:34
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q551	Orthophosphate	0.52	0.52	5.1	U

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL6
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-015
Matrix:	SOLID	**Lab WorkOrder:**	K0QNA
% Moisture:	1.9	**Date/Time Collected:**	10/07/08 14:08
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295073	**Date/Time Analyzed:**	10/20/08 19:51
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q551	Orthophosphate	**0.69**	0.51	5.1	B

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-002
Matrix:	SOLID	**Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295074	**Date/Time Analyzed:**	10/20/08 14:48
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q138	Chloride	2.2	2.0	5.1	B M

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK4
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-003
Matrix:	SOLID	**Lab WorkOrder:**	K0QMG
% Moisture:	4.0	**Date/Time Collected:**	10/07/08 10:41
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295074	**Date/Time Analyzed:**	10/20/08 15:56
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q138	Chloride	15	2.1	5.2	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK5
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-004
Matrix:	SOLID	**Lab WorkOrder:**	K0QMJ
% Moisture:	3.2	**Date/Time Collected:**	10/07/08 15:12
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295074	**Date/Time Analyzed:**	10/20/08 16:12
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q138	Chloride	8.6	2.0	5.2	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK6
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-005
Matrix:	SOLID	**Lab WorkOrder:**	K0QMP
% Moisture:	2.9	**Date/Time Collected:**	10/07/08 15:42
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295074	**Date/Time Analyzed:**	10/20/08 16:29
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q138	Chloride	7.1	2.0	5.1	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK7
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-006
Matrix:	SOLID	**Lab WorkOrder:**	K0QMQ
% Moisture:	2.8	**Date/Time Collected:**	10/07/08 15:07
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295074	**Date/Time Analyzed:**	10/20/08 17:20
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q138	Chloride	12	2.0	5.1	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK8
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-007
Matrix:	SOLID	**Lab WorkOrder:**	K0QMT
% Moisture:	3.7	**Date/Time Collected:**	10/07/08 15:09
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295074	**Date/Time Analyzed:**	10/20/08 17:36
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q138	Chloride	17	2.0	5.2	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK9
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-008
Matrix:	SOLID	**Lab WorkOrder:**	K0QMV
% Moisture:	3.9	**Date/Time Collected:**	10/07/08 10:49
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295074	**Date/Time Analyzed:**	10/20/08 17:53
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q138	Chloride	13	2.0	5.2	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL0
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-009
Matrix:	SOLID	**Lab WorkOrder:**	K0QMW
% Moisture:	3.0	**Date/Time Collected:**	10/07/08 15:39
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295074	**Date/Time Analyzed:**	10/20/08 18:10
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q138	Chloride	2.0	2.0	5.2	U

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL1
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-010
Matrix:	SOLID	**Lab WorkOrder:**	K0QM1
% Moisture:	3.3	**Date/Time Collected:**	10/07/08 15:36
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295074	**Date/Time Analyzed:**	10/20/08 18:27
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q138	Chloride	11	2.0	5.2	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL2
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-011
Matrix:	SOLID	**Lab WorkOrder:**	K0QM3
% Moisture:	5.0	**Date/Time Collected:**	10/07/08 11:06
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295074	**Date/Time Analyzed:**	10/20/08 18:44
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q138	Chloride	6.8	2.1	5.3	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL3
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-012
Matrix:	SOLID	**Lab WorkOrder:**	K0QM6
% Moisture:	4.2	**Date/Time Collected:**	10/07/08 10:49
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295074	**Date/Time Analyzed:**	10/20/08 19:01
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q138	Chloride	16	2.1	5.2	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL4
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-013
Matrix:	SOLID	**Lab WorkOrder:**	K0QM8
% Moisture:	2.6	**Date/Time Collected:**	10/07/08 09:27
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295074	**Date/Time Analyzed:**	10/20/08 19:17
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q138	Chloride	**8.3**	2.0	5.1	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL5
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-014
Matrix:	SOLID	**Lab WorkOrder:**	K0QM9
% Moisture:	2.7	**Date/Time Collected:**	10/07/08 13:57
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295074	**Date/Time Analyzed:**	10/20/08 19:34
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q138	Chloride	2.7	2.0	5.1	B

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL6
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-015
Matrix:	SOLID	**Lab WorkOrder:**	K0QNA
% Moisture:	1.9	**Date/Time Collected:**	10/07/08 14:08
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295074	**Date/Time Analyzed:**	10/20/08 19:51
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q138	Chloride	9.3	2.0	5.1	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-002
Matrix:	SOLID	**Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295075	**Date/Time Analyzed:**	10/20/08 14:48
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q605	Sulfate	4.5	1.8	5.1	B M

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK4
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-003
Matrix:	SOLID	**Lab WorkOrder:**	K0QMG
% Moisture:	4.0	**Date/Time Collected:**	10/07/08 10:41
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295075	**Date/Time Analyzed:**	10/20/08 15:56
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q605	Sulfate	**230**	1.8	5.2	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK5
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-004
Matrix:	SOLID	**Lab WorkOrder:**	K0QMJ
% Moisture:	3.2	**Date/Time Collected:**	10/07/08 15:12
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295075	**Date/Time Analyzed:**	10/20/08 16:12
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q605	Sulfate	16	1.8	5.2	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK6
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-005
Matrix:	SOLID	**Lab WorkOrder:**	K0QMP
% Moisture:	2.9	**Date/Time Collected:**	10/07/08 15:42
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295075	**Date/Time Analyzed:**	10/20/08 16:29
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q605	Sulfate	4.8	1.8	5.1	B

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK7
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-006
Matrix:	SOLID	**Lab WorkOrder:**	K0QMQ
% Moisture:	2.8	**Date/Time Collected:**	10/07/08 15:07
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295075	**Date/Time Analyzed:**	10/20/08 17:20
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q605	Sulfate	55	1.8	5.1	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK8
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-007
Matrix:	SOLID	**Lab WorkOrder:**	K0QMT
% Moisture:	3.7	**Date/Time Collected:**	10/07/08 15:09
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295075	**Date/Time Analyzed:**	10/20/08 17:36
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q605	Sulfate	29	1.8	5.2	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK9
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-008
Matrix:	SOLID	**Lab WorkOrder:**	K0QMV
% Moisture:	3.9	**Date/Time Collected:**	10/07/08 10:49
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295075	**Date/Time Analyzed:**	10/20/08 17:53
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q605	Sulfate	69	1.8	5.2	

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL0
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-009
Matrix:	SOLID	**Lab WorkOrder:**	K0QMW
% Moisture:	3.0	**Date/Time Collected:**	10/07/08 15:39
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295075	**Date/Time Analyzed:**	10/20/08 18:10
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q605	Sulfate	5.3	1.8	5.2	

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL1
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-010
Matrix:	SOLID	**Lab WorkOrder:**	K0QM1
% Moisture:	3.3	**Date/Time Collected:**	10/07/08 15:36
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295075	**Date/Time Analyzed:**	10/20/08 18:27
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q605	Sulfate	6.1	1.8	5.2	

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL2
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-011
Matrix:	SOLID	**Lab WorkOrder:**	K0QM3
% Moisture:	5.0	**Date/Time Collected:**	10/07/08 11:06
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295075	**Date/Time Analyzed:**	10/20/08 18:44
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q605	Sulfate	5.0	1.8	5.3	B

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL3
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-012
Matrix:	SOLID	**Lab WorkOrder:**	K0QM6
% Moisture:	4.2	**Date/Time Collected:**	10/07/08 10:49
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295075	**Date/Time Analyzed:**	10/20/08 19:01
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q605	Sulfate	70	1.8	5.2	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL4
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-013
Matrix:	SOLID	**Lab WorkOrder:**	K0QM8
% Moisture:	2.6	**Date/Time Collected:**	10/07/08 09:27
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295075	**Date/Time Analyzed:**	10/20/08 19:17
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q605	Sulfate	9.5	1.8	5.1	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL5
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-014
Matrix:	SOLID	**Lab WorkOrder:**	K0QM9
% Moisture:	2.7	**Date/Time Collected:**	10/07/08 13:57
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295075	**Date/Time Analyzed:**	10/20/08 19:34
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q605	Sulfate	110	1.8	5.1	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL6
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-015
Matrix:	SOLID	**Lab WorkOrder:**	K0QNA
% Moisture:	1.9	**Date/Time Collected:**	10/07/08 14:08
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295075	**Date/Time Analyzed:**	10/20/08 19:51
Sample Aliquot:	1 g	**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q605	Sulfate	5.7	1.8	5.1	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J210000-069B
Matrix:	SOLID	**Lab WorkOrder:**	K1AFM
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295069	**Date/Time Analyzed:**	10/20/08 14:15
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q85	Bromide	0.39	0.39	2.0	U

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J210000-070B
Matrix:	SOLID	**Lab WorkOrder:**	K1AE9
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295070	**Date/Time Analyzed:**	10/20/08 14:15
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q338	Fluoride	0.82	0.82	5.0	U

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J210000-071B
Matrix:	SOLID	**Lab WorkOrder:**	K1AFR
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295071	**Date/Time Analyzed:**	10/20/08 14:15
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q479	Nitrate	0.60	0.31	2.0	B

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J210000-072B
Matrix:	SOLID	**Lab WorkOrder:**	K1AFJ
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295072	**Date/Time Analyzed:**	10/20/08 14:15
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q481	Nitrite	0.34	0.34	2.0	U

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J210000-073B
Matrix:	SOLID	**Lab WorkOrder:**	K1AFX
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295073	**Date/Time Analyzed:**	10/20/08 14:15
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q551	Orthophosphate	0.50	0.50	5.0	U

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J210000-074B
Matrix:	SOLID	**Lab WorkOrder:**	K1AFF
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295074	**Date/Time Analyzed:**	10/20/08 14:15
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q138	Chloride	2.0	2.0	5.0	U

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J210000-075B
Matrix:	SOLID	**Lab WorkOrder:**	K1AF2
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295075	**Date/Time Analyzed:**	10/20/08 14:15
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q605	Sulfate	1.7	1.7	5.0	U

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3
Lot/SDG Number:	D8J130174	**MS Lab Sample ID:**	D8J130174-002S
Matrix:	SOLID	**MS Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295069	**Date/Time Analyzed:**	10/20/08 15:22
MS Sample Aliquot:	1 g	**Instrument ID:**	IC8
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	C	% Rec	Q	QC Limit
Bromide	51.3	0.40	U	47.5		93		84 - 113

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3
Lot/SDG Number:	D8J130174	**MSD Lab Sample ID:**	D8J130174-002D
Matrix:	SOLID	**MSD Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295069	**Date/Time Analyzed:**	10/20/08 15:39
MSD Sample Aliquot:	1 g	**Instrument ID:**	IC8
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	C	% Rec	Q	RPD	Q	QC Limits	
										% Rec	RPD
Bromide	51.3	0.40	U	50.3		98		5.8		84 - 113	11

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3
Lot/SDG Number:	D8J130174	**MS Lab Sample ID:**	D8J130174-002S
Matrix:	SOLID	**MS Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295070	**Date/Time Analyzed:**	10/20/08 15:22
MS Sample Aliquot:	1 g	**Instrument ID:**	IC8
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	C	% Rec	Q	QC Limit
Fluoride	51.3	0.87	B	47.3		90		89 - 109

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3
Lot/SDG Number:	D8J130174	**MSD Lab Sample ID:**	D8J130174-002D
Matrix:	SOLID	**MSD Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295070	**Date/Time Analyzed:**	10/20/08 15:39
MSD Sample Aliquot:	1 g	**Instrument ID:**	IC8
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	C	% Rec	Q	RPD	Q	QC Limits	
										% Rec	RPD
Fluoride	51.3	0.87	B	49.7		95		5.1		89 - 109	11

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3
Lot/SDG Number:	D8J130174	**MS Lab Sample ID:**	D8J130174-002S
Matrix:	SOLID	**MS Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295071	**Date/Time Analyzed:**	10/20/08 15:22
MS Sample Aliquot:	1 g	**Instrument ID:**	IC8
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	C	% Rec	Q	QC Limit
Nitrate	51.3	0.81	B C	49.4		95		86 - 106

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3
Lot/SDG Number:	D8J130174	**MSD Lab Sample ID:**	D8J130174-002D
Matrix:	SOLID	**MSD Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295071	**Date/Time Analyzed:**	10/20/08 15:39
MSD Sample Aliquot:	1 g	**Instrument ID:**	IC8
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	C	% Rec	Q	RPD	Q	QC Limits	
										% Rec	RPD
Nitrate	51.3	0.81	B C	52.1	>	100		5.4		86 - 106	10

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3
Lot/SDG Number:	D8J130174	**MS Lab Sample ID:**	D8J130174-002S
Matrix:	SOLID	**MS Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295072	**Date/Time Analyzed:**	10/20/08 15:22
MS Sample Aliquot:	1 g	**Instrument ID:**	IC8
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	C	% Rec	Q	QC Limit
Nitrite	51.3	0.34	U	49.3		96		90 - 110

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3
Lot/SDG Number:	D8J130174	**MSD Lab Sample ID:**	D8J130174-002D
Matrix:	SOLID	**MSD Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295072	**Date/Time Analyzed:**	10/20/08 15:39
MSD Sample Aliquot:	1 g	**Instrument ID:**	IC8
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	C	% Rec	Q	RPD	Q	QC Limits	
										% Rec	RPD
Nitrite	51.3	0.34	U	51.9	>	101		5.3		90 - 110	10

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3
Lot/SDG Number:	D8J130174	**MS Lab Sample ID:**	D8J130174-002S
Matrix:	SOLID	**MS Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295073	**Date/Time Analyzed:**	10/20/08 15:22
MS Sample Aliquot:	1 g	**Instrument ID:**	IC8
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	C	% Rec	Q	QC Limit
Orthophosphate	51.3	0.51	U	49.0		95		83 - 111

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3
Lot/SDG Number:	D8J130174	**MSD Lab Sample ID:**	D8J130174-002D
Matrix:	SOLID	**MSD Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295073	**Date/Time Analyzed:**	10/20/08 15:39
MSD Sample Aliquot:	1 g	**Instrument ID:**	IC8
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	C	% Rec	Q	RPD	Q	QC Limits	
										% Rec	RPD
Orthophosphate	51.3	0.51	U	52.5	>	102		6.9		83 - 111	10

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3
Lot/SDG Number:	D8J130174	**MS Lab Sample ID:**	D8J130174-002S
Matrix:	SOLID	**MS Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295074	**Date/Time Analyzed:**	10/20/08 15:22
MS Sample Aliquot:	1 g	**Instrument ID:**	IC8
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	C	% Rec	Q	QC Limit
Chloride	256	2.2	B M	247		96		89 - 109

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3
Lot/SDG Number:	D8J130174	**MSD Lab Sample ID:**	D8J130174-002D
Matrix:	SOLID	**MSD Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295074	**Date/Time Analyzed:**	10/20/08 15:39
MSD Sample Aliquot:	1 g	**Instrument ID:**	IC8
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	C	% Rec	Q	RPD	Q	QC Limits	
										% Rec	RPD
Chloride	256	2.2	B M	261	>	101		5.2		89 - 109	10

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3
Lot/SDG Number:	D8J130174	**MS Lab Sample ID:**	D8J130174-002S
Matrix:	SOLID	**MS Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295075	**Date/Time Analyzed:**	10/20/08 15:22
MS Sample Aliquot:	1 g	**Instrument ID:**	IC8
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	C	% Rec	Q	QC Limit
Sulfate	256	4.5	B M	246		94		86 - 107

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THE LEADER IN ENVIRONMENTAL TESTING

Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3
Lot/SDG Number:	D8J130174	**MSD Lab Sample ID:**	D8J130174-002D
Matrix:	SOLID	**MSD Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295075	**Date/Time Analyzed:**	10/20/08 15:39
MSD Sample Aliquot:	1 g	**Instrument ID:**	IC8
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	C	% Rec	Q	RPD	Q	QC Limits	
										% Rec	RPD
Sulfate	256	4.5	B M	259	>	99		5.1		86 - 107	10

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3 DUP
Lot/SDG Number:	D8J130174	**MSD Lab Sample ID:**	D8J130174-002X
Matrix:	SOLID	**MSD Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295069	**Date/Time Analyzed:**	10/20/08 15:05
MSD Sample Aliquot:		**Instrument ID:**	IC8
MSD Dilution Factor:	1		

Analyte	RPD Limit	Sample Result	Q	Duplicate Result	RPD	Q
Bromide	11	0.40	U	0.40	0	U

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3 DUP
Lot/SDG Number:	D8J130174	**MSD Lab Sample ID:**	D8J130174-002X
Matrix:	SOLID	**MSD Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295070	**Date/Time Analyzed:**	10/20/08 15:05
MSD Sample Aliquot:	1 g	**Instrument ID:**	IC8
MSD Dilution Factor:	1		

Analyte	RPD Limit	Sample Result	Q	Duplicate Result	RPD	Q
Fluoride	11	0.87	B	0.96	10	B

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3 DUP
Lot/SDG Number:	D8J130174	**MSD Lab Sample ID:**	D8J130174-002X
Matrix:	SOLID	**MSD Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295071	**Date/Time Analyzed:**	10/20/08 15:05
MSD Sample Aliquot:	1 g	**Instrument ID:**	IC8
MSD Dilution Factor:	1		

Analyte	RPD Limit	Sample Result	Q	Duplicate Result	RPD	Q
Nitrate	10	0.81	B C	0.80	1.2	B C

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3 DUP
Lot/SDG Number:	D8J130174	**MSD Lab Sample ID:**	D8J130174-002X
Matrix:	SOLID	**MSD Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295072	**Date/Time Analyzed:**	10/20/08 15:05
MSD Sample Aliquot:	1 g	**Instrument ID:**	IC8
MSD Dilution Factor:	1		

Analyte	RPD Limit	Sample Result	Q	Duplicate Result	RPD	Q
Nitrite	10	0.34	U	0.34	0	U

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3 DUP
Lot/SDG Number:	D8J130174	**MSD Lab Sample ID:**	D8J130174-002X
Matrix:	SOLID	**MSD Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295073	**Date/Time Analyzed:**	10/20/08 15:05
MSD Sample Aliquot:	1 g	**Instrument ID:**	IC8
MSD Dilution Factor:	1		

Analyte	RPD Limit	Sample Result	Q	Duplicate Result	RPD	Q
Orthophosphate	10	0.51	U	0.51	0	U

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3 DUP
Lot/SDG Number:	D8J130174	**MSD Lab Sample ID:**	D8J130174-002X
Matrix:	SOLID	**MSD Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295074	**Date/Time Analyzed:**	10/20/08 15:05
MSD Sample Aliquot:	1 g	**Instrument ID:**	IC8
MSD Dilution Factor:	1		

Analyte	RPD Limit	Sample Result	Q	Duplicate Result	RPD	Q
Chloride	10	2.2	B M	8.0	115	M

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3 DUP
Lot/SDG Number:	D8J130174	**MSD Lab Sample ID:**	D8J130174-002X
Matrix:	SOLID	**MSD Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Dry	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295075	**Date/Time Analyzed:**	10/20/08 15:05
MSD Sample Aliquot:	1 g	**Instrument ID:**	IC8
MSD Dilution Factor:	1		

Analyte	RPD Limit	Sample Result	Q	Duplicate Result	RPD	Q
Sulfate	10	4.5	B M	4.0	14	B M

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J210000-069C
Matrix:	SOLID	**Lab WorkOrder:**	K1AFM
% Moisture:	0.0	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295069	**Date/Time Analyzed:**	10/20/08 13:41
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Bromide	50.0	48.6	97		84 - 113

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J210000-069L
Matrix:	SOLID	**Lab WorkOrder:**	K1AFM
% Moisture:	0.0	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295069	**Date/Time Analyzed:**	10/20/08 13:58
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

Analyte	True	Found	C	% Rec	Q	RPD	Q	QC Limits	
								% Rec	RPD
Bromide	50.0	48.6		97		0.030		84 - 113	11

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J210000-070C
Matrix:	SOLID	**Lab WorkOrder:**	K1AE9
% Moisture:	0.0	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295070	**Date/Time Analyzed:**	10/20/08 13:41
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Fluoride	50.0	50.5	101		89 - 109

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J210000-070L
Matrix:	SOLID	**Lab WorkOrder:**	K1AE9
% Moisture:	0.0	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295070	**Date/Time Analyzed:**	10/20/08 13:58
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

Analyte	True	Found	C	% Rec	Q	RPD	Q	QC Limits	
								% Rec	RPD
Fluoride	50.0	50.5		101		0.040		89 - 109	11

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J210000-071C
Matrix:	SOLID	**Lab WorkOrder:**	K1AFR
% Moisture:	0.0	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295071	**Date/Time Analyzed:**	10/20/08 13:41
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Nitrate	50.0	49.7	99		86 - 106

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J210000-071L
Matrix:	SOLID	**Lab WorkOrder:**	K1AFR
% Moisture:	0.0	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295071	**Date/Time Analyzed:**	10/20/08 13:58
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

Analyte	True	Found	C	% Rec	Q	RPD	Q	QC Limits	
								% Rec	RPD
Nitrate	50.0	49.6		99		0.28		86 - 106	10

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J210000-072C
Matrix:	SOLID	**Lab WorkOrder:**	K1AFJ
% Moisture:	0.0	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295072	**Date/Time Analyzed:**	10/20/08 13:41
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Nitrite	50.0	50.0	100		90 - 110

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J210000-072L
Matrix:	SOLID	**Lab WorkOrder:**	K1AFJ
% Moisture:	0.0	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295072	**Date/Time Analyzed:**	10/20/08 13:58
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

Analyte	True	Found	C	% Rec	Q	RPD	Q	QC Limits	
								% Rec	RPD
Nitrite	50.0	50.1		100		0.19		90 - 110	10

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J210000-073C
Matrix:	SOLID	**Lab WorkOrder:**	K1AFX
% Moisture:	0.0	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295073	**Date/Time Analyzed:**	10/20/08 13:41
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Orthophosphate	50.0	48.6	97		83 - 111

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J210000-073L
Matrix:	SOLID	**Lab WorkOrder:**	K1AFX
% Moisture:	0.0	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295073	**Date/Time Analyzed:**	10/20/08 13:58
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

Analyte	True	Found	C	% Rec	Q	RPD	Q	QC Limits	
								% Rec	RPD
Orthophosphate	50.0	49.0		98		0.72		83 - 111	10

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J210000-074C
Matrix:	SOLID	**Lab WorkOrder:**	K1AFF
% Moisture:	0.0	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295074	**Date/Time Analyzed:**	10/20/08 13:41
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Chloride	250	248	99		89 - 109

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J210000-074L
Matrix:	SOLID	**Lab WorkOrder:**	K1AFF
% Moisture:	0.0	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295074	**Date/Time Analyzed:**	10/20/08 13:58
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

Analyte	True	Found	C	% Rec	Q	RPD	Q	QC Limits	
								% Rec	RPD
Chloride	250	248		99		0.070		89 - 109	10

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J210000-075C
Matrix:	SOLID	**Lab WorkOrder:**	K1AF2
% Moisture:	0.0	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295075	**Date/Time Analyzed:**	10/20/08 13:41
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Sulfate	250	248	99		86 - 107

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J210000-075L
Matrix:	SOLID	**Lab WorkOrder:**	K1AF2
% Moisture:	0.0	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	9056	**Date Leached:**	
Unit:	mg/kg	**Date/Time Extracted:**	10/20/08 09:00
QC Batch ID:	8295075	**Date/Time Analyzed:**	10/20/08 13:58
Sample Aliquot:		**Instrument ID:**	IC8
Dilution Factor:	1		

Analyte	True	Found	C	% Rec	Q	RPD	Q	QC Limits	
								% Rec	RPD
Sulfate	250	248		99		0.12		86 - 107	10

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pH

SW846 9045C

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-002
Matrix:	SOLID	**Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Wet	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9045C	**Date Leached:**	
Unit:	No Units	**Date/Time Extracted:**	10/18/08 08:35
QC Batch ID:	8292095	**Date/Time Analyzed:**	10/18/08 09:51
Sample Aliquot:		**Instrument ID:**	NO INST
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q925	pH	9.2		0.10	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK4
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-003
Matrix:	SOLID	**Lab WorkOrder:**	K0QMG
% Moisture:	4.0	**Date/Time Collected:**	10/07/08 10:41
Basis:	Wet	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9045C	**Date Leached:**	
Unit:	No Units	**Date/Time Extracted:**	10/18/08 09:53
QC Batch ID:	8292095	**Date/Time Analyzed:**	10/18/08 09:53
Sample Aliquot:		**Instrument ID:**	NO INST
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q925	pH	9.0		0.10	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK5
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-004
Matrix:	SOLID	**Lab WorkOrder:**	K0QMJ
% Moisture:	3.2	**Date/Time Collected:**	10/07/08 15:12
Basis:	Wet	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9045C	**Date Leached:**	
Unit:	No Units	**Date/Time Extracted:**	10/18/08 09:54
QC Batch ID:	8292095	**Date/Time Analyzed:**	10/18/08 09:54
Sample Aliquot:		**Instrument ID:**	NO INST
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q925	pH	9.1		0.10	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK6
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-005
Matrix:	SOLID	**Lab WorkOrder:**	K0QMP
% Moisture:	2.9	**Date/Time Collected:**	10/07/08 15:42
Basis:	Wet	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9045C	**Date Leached:**	
Unit:	No Units	**Date/Time Extracted:**	10/18/08 09:55
QC Batch ID:	8292095	**Date/Time Analyzed:**	10/18/08 09:55
Sample Aliquot:		**Instrument ID:**	NO INST
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q925	pH	9.1		0.10	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK7
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-006
Matrix:	SOLID	**Lab WorkOrder:**	K0QMQ
% Moisture:	2.8	**Date/Time Collected:**	10/07/08 15:07
Basis:	Wet	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9045C	**Date Leached:**	
Unit:	No Units	**Date/Time Extracted:**	10/18/08 09:57
QC Batch ID:	8292095	**Date/Time Analyzed:**	10/18/08 09:57
Sample Aliquot:		**Instrument ID:**	NO INST
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q925	pH	9.1		0.10	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK8
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-007
Matrix:	SOLID	**Lab WorkOrder:**	K0QMT
% Moisture:	3.7	**Date/Time Collected:**	10/07/08 15:09
Basis:	Wet	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9045C	**Date Leached:**	
Unit:	No Units	**Date/Time Extracted:**	10/18/08 09:58
QC Batch ID:	8292095	**Date/Time Analyzed:**	10/18/08 09:58
Sample Aliquot:		**Instrument ID:**	NO INST
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q925	pH	9.1		0.10	

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK9
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-008
Matrix:	SOLID	**Lab WorkOrder:**	K0QMV
% Moisture:	3.9	**Date/Time Collected:**	10/07/08 10:49
Basis:	Wet	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9045C	**Date Leached:**	
Unit:	No Units	**Date/Time Extracted:**	10/18/08 10:00
QC Batch ID:	8292095	**Date/Time Analyzed:**	10/18/08 10:00
Sample Aliquot:		**Instrument ID:**	NO INST
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q925	pH	9.1		0.10	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL0
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-009
Matrix:	SOLID	**Lab WorkOrder:**	K0QMW
% Moisture:	3.0	**Date/Time Collected:**	10/07/08 15:39
Basis:	Wet	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9045C	**Date Leached:**	
Unit:	No Units	**Date/Time Extracted:**	10/18/08 10:09
QC Batch ID:	8292095	**Date/Time Analyzed:**	10/18/08 10:09
Sample Aliquot:		**Instrument ID:**	NO INST
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q925	pH	9.3		0.10	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL1
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-010
Matrix:	SOLID	**Lab WorkOrder:**	K0QM1
% Moisture:	3.3	**Date/Time Collected:**	10/07/08 15:36
Basis:	Wet	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9045C	**Date Leached:**	
Unit:	No Units	**Date/Time Extracted:**	10/18/08 10:11
QC Batch ID:	8292095	**Date/Time Analyzed:**	10/18/08 10:11
Sample Aliquot:		**Instrument ID:**	NO INST
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q925	pH	9.1		0.10	

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL2
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-011
Matrix:	SOLID	**Lab WorkOrder:**	K0QM3
% Moisture:	5.0	**Date/Time Collected:**	10/07/08 11:06
Basis:	Wet	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9045C	**Date Leached:**	
Unit:	No Units	**Date/Time Extracted:**	10/18/08 10:15
QC Batch ID:	8292095	**Date/Time Analyzed:**	10/18/08 10:15
Sample Aliquot:		**Instrument ID:**	NO INST
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q925	pH	9.2		0.10	

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL3
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-012
Matrix:	SOLID	**Lab WorkOrder:**	K0QM6
% Moisture:	4.2	**Date/Time Collected:**	10/07/08 10:49
Basis:	Wet	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9045C	**Date Leached:**	
Unit:	No Units	**Date/Time Extracted:**	10/18/08 10:17
QC Batch ID:	8292095	**Date/Time Analyzed:**	10/18/08 10:17
Sample Aliquot:		**Instrument ID:**	NO INST
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q925	pH	9.1		0.10	

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL4
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-013
Matrix:	SOLID	**Lab WorkOrder:**	K0QM8
% Moisture:	2.6	**Date/Time Collected:**	10/07/08 09:27
Basis:	Wet	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9045C	**Date Leached:**	
Unit:	No Units	**Date/Time Extracted:**	10/18/08 10:19
QC Batch ID:	8292095	**Date/Time Analyzed:**	10/18/08 10:19
Sample Aliquot:		**Instrument ID:**	NO INST
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q925	pH	9.2		0.10	

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL5
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-014
Matrix:	SOLID	**Lab WorkOrder:**	K0QM9
% Moisture:	2.7	**Date/Time Collected:**	10/07/08 13:57
Basis:	Wet	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9045C	**Date Leached:**	
Unit:	No Units	**Date/Time Extracted:**	10/18/08 10:21
QC Batch ID:	8292095	**Date/Time Analyzed:**	10/18/08 10:21
Sample Aliquot:		**Instrument ID:**	NO INST
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q925	pH	8.9		0.10	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL6
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-015
Matrix:	SOLID	**Lab WorkOrder:**	K0QNA
% Moisture:	1.9	**Date/Time Collected:**	10/07/08 14:08
Basis:	Wet	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9045C	**Date Leached:**	
Unit:	No Units	**Date/Time Extracted:**	10/18/08 10:22
QC Batch ID:	8292095	**Date/Time Analyzed:**	10/18/08 10:22
Sample Aliquot:		**Instrument ID:**	NO INST
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q925	pH	9.4		0.10	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3 DUP
Lot/SDG Number:	D8J130174	**MSD Lab Sample ID:**	D8J130174-002X
Matrix:	SOLID	**MSD Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Wet	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	9045C	**Date Leached:**	
Unit:	No Units	**Date/Time Extracted:**	10/18/08 09:52
QC Batch ID:	8292095	**Date/Time Analyzed:**	10/18/08 09:52
MSD Sample Aliquot:		**Instrument ID:**	NO INST
MSD Dilution Factor:	1		

Analyte	RPD Limit	Sample Result	Q	Duplicate Result	RPD	Q
pH	5.0	9.2		9.2	0.22	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J180000-095C
Matrix:	SOLID	**Lab WorkOrder:**	K1A10
% Moisture:	0.0	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	9045C	**Date Leached:**	
Unit:	No Units	**Date/Time Extracted:**	10/18/08 08:35
QC Batch ID:	8292095	**Date/Time Analyzed:**	10/18/08 08:40
Sample Aliquot:		**Instrument ID:**	NO INST
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
pH	7.00	6.99	100		97 - 103

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J180000-095L
Matrix:	SOLID	**Lab WorkOrder:**	K1A10
% Moisture:	0.0	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	9045C	**Date Leached:**	
Unit:	No Units	**Date/Time Extracted:**	10/18/08 08:35
QC Batch ID:	8292095	**Date/Time Analyzed:**	10/18/08 10:12
Sample Aliquot:		**Instrument ID:**	NO INST
Dilution Factor:	1		

Analyte	True	Found	C	% Rec	Q	RPD	Q	QC Limits	
								% Rec	RPD
pH	7.00	7.03		100		0.57		97 - 103	5.0

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Percent Moisture

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK2
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-001
Matrix:	SOLID	**Lab WorkOrder:**	K0QL0
% Moisture:	0.0	**Date/Time Collected:**	10/07/08 08:44
Basis:	Wet	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	D 2216-90	**Date Leached:**	
Unit:	%	**Date/Time Extracted:**	10/16/08 10:30
QC Batch ID:	8290357	**Date/Time Analyzed:**	10/16/08 10:30
Sample Aliquot:	17.19 g	**Instrument ID:**	BAL
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q1028	Percent Moisture	0.0	0.0	0.10	U

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK3
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-002
Matrix:	SOLID	**Lab WorkOrder:**	K0QL8
% Moisture:	2.5	**Date/Time Collected:**	10/07/08 15:17
Basis:	Wet	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	D 2216-90	**Date Leached:**	
Unit:	%	**Date/Time Extracted:**	10/16/08 10:30
QC Batch ID:	8290357	**Date/Time Analyzed:**	10/16/08 10:30
Sample Aliquot:	15.43 g	**Instrument ID:**	BAL
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q1028	Percent Moisture	2.5	0.0	0.10	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK4
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-003
Matrix:	SOLID	**Lab WorkOrder:**	K0QMG
% Moisture:	4.0	**Date/Time Collected:**	10/07/08 10:41
Basis:	Wet	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	D 2216-90	**Date Leached:**	
Unit:	%	**Date/Time Extracted:**	10/16/08 10:30
QC Batch ID:	8290357	**Date/Time Analyzed:**	10/16/08 10:30
Sample Aliquot:	16.98 g	**Instrument ID:**	BAL
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q1028	Percent Moisture	4.0	0.0	0.10	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK5
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-004
Matrix:	SOLID	**Lab WorkOrder:**	K0QMJ
% Moisture:	3.2	**Date/Time Collected:**	10/07/08 15:12
Basis:	Wet	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	D 2216-90	**Date Leached:**	
Unit:	%	**Date/Time Extracted:**	10/16/08 10:30
QC Batch ID:	8290357	**Date/Time Analyzed:**	10/16/08 10:30
Sample Aliquot:	15.6 g	**Instrument ID:**	BAL
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q1028	Percent Moisture	3.2	0.0	0.10	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK6
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-005
Matrix:	SOLID	**Lab WorkOrder:**	K0QMP
% Moisture:	2.9	**Date/Time Collected:**	10/07/08 15:42
Basis:	Wet	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	D 2216-90	**Date Leached:**	
Unit:	%	**Date/Time Extracted:**	10/16/08 10:30
QC Batch ID:	8290357	**Date/Time Analyzed:**	10/16/08 10:30
Sample Aliquot:	16.28 g	**Instrument ID:**	BAL
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q1028	Percent Moisture	2.9	0.0	0.10	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK7
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-006
Matrix:	SOLID	**Lab WorkOrder:**	K0QMQ
% Moisture:	2.8	**Date/Time Collected:**	10/07/08 15:07
Basis:	Wet	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	D 2216-90	**Date Leached:**	
Unit:	%	**Date/Time Extracted:**	10/16/08 10:30
QC Batch ID:	8290357	**Date/Time Analyzed:**	10/16/08 10:30
Sample Aliquot:	17.51 g	**Instrument ID:**	BAL
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q1028	Percent Moisture	2.8	0.0	0.10	

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK8
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-007
Matrix:	SOLID	**Lab WorkOrder:**	K0QMT
% Moisture:	3.7	**Date/Time Collected:**	10/07/08 15:09
Basis:	Wet	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	D 2216-90	**Date Leached:**	
Unit:	%	**Date/Time Extracted:**	10/16/08 10:30
QC Batch ID:	8290357	**Date/Time Analyzed:**	10/16/08 10:30
Sample Aliquot:	17.33 g	**Instrument ID:**	BAL
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q1028	Percent Moisture	3.7	0.0	0.10	

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK9
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-008
Matrix:	SOLID	**Lab WorkOrder:**	K0QMV
% Moisture:	3.9	**Date/Time Collected:**	10/07/08 10:49
Basis:	Wet	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	D 2216-90	**Date Leached:**	
Unit:	%	**Date/Time Extracted:**	10/16/08 10:30
QC Batch ID:	8290357	**Date/Time Analyzed:**	10/16/08 10:30
Sample Aliquot:	16.5 g	**Instrument ID:**	BAL
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q1028	Percent Moisture	3.9	0.0	0.10	

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL0
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-009
Matrix:	SOLID	**Lab WorkOrder:**	K0QMW
% Moisture:	3.0	**Date/Time Collected:**	10/07/08 15:39
Basis:	Wet	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	D 2216-90	**Date Leached:**	
Unit:	%	**Date/Time Extracted:**	10/16/08 10:30
QC Batch ID:	8290357	**Date/Time Analyzed:**	10/16/08 10:30
Sample Aliquot:	15.72 g	**Instrument ID:**	BAL
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q1028	Percent Moisture	**3.0**	0.0	0.10	

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL1
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-010
Matrix:	SOLID	**Lab WorkOrder:**	K0QM1
% Moisture:	3.3	**Date/Time Collected:**	10/07/08 15:36
Basis:	Wet	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	D 2216-90	**Date Leached:**	
Unit:	%	**Date/Time Extracted:**	10/16/08 10:30
QC Batch ID:	8290357	**Date/Time Analyzed:**	10/16/08 10:30
Sample Aliquot:	17.5 g	**Instrument ID:**	BAL
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q1028	Percent Moisture	3.3	0.0	0.10	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL2
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-011
Matrix:	SOLID	**Lab WorkOrder:**	K0QM3
% Moisture:	5.0	**Date/Time Collected:**	10/07/08 11:06
Basis:	Wet	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	D 2216-90	**Date Leached:**	
Unit:	%	**Date/Time Extracted:**	10/16/08 10:30
QC Batch ID:	8290357	**Date/Time Analyzed:**	10/16/08 10:30
Sample Aliquot:	16.29 g	**Instrument ID:**	BAL
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q1028	Percent Moisture	5.0	0.0	0.10	

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL3
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-012
Matrix:	SOLID	**Lab WorkOrder:**	K0QM6
% Moisture:	4.2	**Date/Time Collected:**	10/07/08 10:49
Basis:	Wet	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	D 2216-90	**Date Leached:**	
Unit:	%	**Date/Time Extracted:**	10/16/08 10:30
QC Batch ID:	8290357	**Date/Time Analyzed:**	10/16/08 10:30
Sample Aliquot:	17.1 g	**Instrument ID:**	BAL
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q1028	Percent Moisture	4.2	0.0	0.10	

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Washington Closure Hanford LLC

Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL4
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-013
Matrix:	SOLID	**Lab WorkOrder:**	K0QM8
% Moisture:	2.6	**Date/Time Collected:**	10/07/08 09:27
Basis:	Wet	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	D 2216-90	**Date Leached:**	
Unit:	%	**Date/Time Extracted:**	10/16/08 10:30
QC Batch ID:	8290357	**Date/Time Analyzed:**	10/16/08 10:30
Sample Aliquot:	15.37 g	**Instrument ID:**	BAL
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q1028	Percent Moisture	2.6	0.0	0.10	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL5
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-014
Matrix:	SOLID	**Lab WorkOrder:**	K0QM9
% Moisture:	2.7	**Date/Time Collected:**	10/07/08 13:57
Basis:	Wet	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	D 2216-90	**Date Leached:**	
Unit:	%	**Date/Time Extracted:**	10/16/08 10:30
QC Batch ID:	8290357	**Date/Time Analyzed:**	10/16/08 10:30
Sample Aliquot:	15.88 g	**Instrument ID:**	BAL
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q1028	Percent Moisture	2.7	0.0	0.10	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JL6
Lot/SDG Number:	D8J130174	**Lab Sample ID:**	D8J130174-015
Matrix:	SOLID	**Lab WorkOrder:**	K0QNA
% Moisture:	1.9	**Date/Time Collected:**	10/07/08 14:08
Basis:	Wet	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	D 2216-90	**Date Leached:**	
Unit:	%	**Date/Time Extracted:**	10/16/08 10:30
QC Batch ID:	8290357	**Date/Time Analyzed:**	10/16/08 10:30
Sample Aliquot:	15.34 g	**Instrument ID:**	BAL
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q1028	Percent Moisture	1.9	0.0	0.10	

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Wet Chemistry Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	J17JK2 DUP
Lot/SDG Number:	D8J130174	**MSD Lab Sample ID:**	D8J130174-001X
Matrix:	SOLID	**MSD Lab WorkOrder:**	K0QL0
% Moisture:	0.0	**Date/Time Collected:**	10/07/08 08:44
Basis:	Wet	**Date/Time Received:**	10/10/08 09:00
Analysis Method:	D 2216-90	**Date Leached:**	
Unit:	%	**Date/Time Extracted:**	10/16/08 10:30
QC Batch ID:	8290357	**Date/Time Analyzed:**	10/16/08 10:30
MSD Sample Aliquot:	16.35 g	**Instrument ID:**	BAL
MSD Dilution Factor:	1		

Analyte	RPD Limit	Sample Result	Q	Duplicate Result	RPD	Q
Percent Moisture	20	0.0	U	0.0	0	U

Kessner, Joan H

From: Stankovich, Michael T
Sent: Wednesday, October 29, 2008 10:26 AM
To: Kessner, Joan H
Subject: LMA Report for 184-N

Joan,

Can you generate a LMA report for 184-N, 184-NA, 184-NB, 184-NC, 184-ND, 184-NE, & 184-NF?

Mike