Executive Summary	Page 1 of 3	
	ID No. 31403	Report Date: July 30, 2015

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Response Action Completion Report

Cover Page

Regulatory ID number (Solid waste registration number, VCP ID number, etc) SWR 31403
check one: ✓ Initial RACR submittal for this on-site property ___ Subsequent RACR submittal
Report date: _____ TCEQ Region No.: _____

TCEQ Program (check one)

✓ Corrective Action (Mail Code 127)
___ Voluntary Cleanup Program (Mail Code 221)
___ Petroleum Storage Tank Program (Mail Code 137)
___ Superfund PRP Lead (Mail Code 143)
___ Municipal Solid Waste Permits (Mail Code 124)

On-Site Property Information

On-Site Property Name: Former Anzon, Inc. Facility – Mines Road, Northern Portion
Street no. 7418 Pre dir: ____ Street name: Mines Road FM 1472 Street type: Road Post dir: ___
City: Laredo County: Webb County Code: 240 Zip: 78045
Nearest street intersection or location description: Farm-to-Market Road 1472 and I-35

Latitude: Degrees, Minutes, Seconds OR Decimal Degrees (circle one) North 27.5785
Longitude: Degrees, Minutes, Seconds OR Decimal Degrees (circle one) West -99.5042

Off-Site Affected Property Information

Off-Site Affected Property Name: Not Applicable for this RACR
Street no. _____ Pre dir: ___ Street name: _____ Street type: _____ Post dir: ___
City: _____ County: _____ County Code: _____ Zip: _____

____ Check if there are no off-site properties affected

Contact Person Information and Acknowledgement

Person (or company) Name: Al Divestitures, Inc.
Contact Person: James J. Kalanta Title: Vice President
Mailing Address: 22 Hedgefield Court
City: Orange State: Ct Zip: 06477 E-mail address jkalanta@alent.com
Phone: 203-795-0554 Fax: 203-795-0553

By my signature below, I acknowledge the requirement of §350.2(a) that no person shall submit information to the executive director or to parties who are required to be provided information under this chapter which they know or reasonably should have known to be false or intentionally misleading, or fail to submit available information which is critical to the understanding of the matter at hand or to the basis of critical decisions which reasonably would have been influenced by that information. Violation of this rule may subject a person to the imposition of civil, criminal, or administrative penalties.

Signature of Person James J Kalanta Name, print: James J. Kalanta Date: 7/30/15

RECEIVED
JUL 31 '15 JUL 31 '16
TCEQ MAIL CENTER VCP-CA SECTION

Check the reports/forms submitted:

Remedy Standard A

___ Self-Implementation Notice Submittal date: _____

___ Response Action Plan - Approval date: _____

Remedy Standard B

X Response Action Plan - Approval date: A Corrective Measures Study (CMS) Addendum was prepared in May 2014, and the conceptual approach was approved in July 2014. The Site was switched from Risk Reduction Standards (RRS) to the Texas Risk Reduction Program (TRRP) regulations in May 2015. Following the switch to TRRP, the full CMS Addendum was acknowledged with comments in July 2015.

This Response Action Completion Report (RACR) is for previously unclosed areas in the northern portion of the property, located north of Manadas Creek. Additional RACRs will be prepared for the remainder of the site and for off-site properties after response actions are completed.

___

List all media (surface soil, subsurface soil, groundwater, sediment, surface water, air) that contained or contains a PCLE zone and specify the response action taken for each media. Indicate the type of removal, decontamination, physical control, or institutional control action that was used in the response action. If a media with a PCLE zone was not addressed in the response action, provide an explanation below.

Media	COCs[1]	Removal	Decontamination	Physical Control	Institutional Control	Modified Response Objective[2]		
						PMZ	WCU	TI
Surface Soil	Antimony	X			X			

Is there a media that contains a PCLE zone that was not addressed in the response action? yes ___ X no ___

If yes, provide justification for not addressing the PCLE zone in the response action.

This RACR is specific to the onsite property north of Manadas Creek, also known as the "Undeveloped Area." All PCLE soil zones north of Manadas Creek have been remediated. Groundwater is not affected above the critical PCL north of Manadas Creek, as described in the CMS Addendum.

Current land use of the on-site affected property: ___ Residential X Commercial/industrial

Projected future land use of the on-site property (if known): ___ Residential X Commercial/industrial

Explain why you believe the response action to be complete.

[1] Specify either a specific COC or, if the response action is the same for all COCs in one type, specify the type of COC (for example, VOCs, SVOCs, metals).

[2] If a modified groundwater response objective was used, check the type(s) of modifications.

All previously unclosed portions of the property north of Manadas Creek (the Northern Union Pacific Right-of-Way [NUP ROW], Sectors 6, 12, and 17, and a small area north of the evaporation pond) were characterized and remediated, where required, as proposed in the approved 2014 CMS Addendum. The critical soil Protective Concentration Level (PCL), used to determine the areas that required response action, is the antimony soil-to-groundwater PCL for Class 3 groundwater of 270 parts per million (ppm). Soils affected by antimony at concentrations greater than this value were removed from the affected areas and placed in the former Process Area to await containment in the onsite cap that will be constructed beginning in mid to late 2015. Characterization and confirmation sample results fully support the completion of soil response actions north of Manadas Creek.

As presented in the CMS Addendum, surface soil is the only affected environmental media that requires a response action for this area of the site. Reported antimony concentrations in groundwater are at background concentrations, and antimony concentrations in surface water are consistently less than the ecological benchmark. Although not required based on the remaining concentrations in soil, an institutional control will be established to preclude residential use for this area of the site to remain consistent with the previous closure of other similar areas of the site north of Manadas Creek.

Approval of this RACR and regulatory closure of this area is a requirement under a pending sale agreement between AI Divestitures, Inc. (AI) and the City of Laredo. The City of Laredo intends to construct a wastewater treatment plant on this property following its purchase. To expedite regulatory approval of the response action, this RACR for the remainder of the Undeveloped Area has been prepared separately from the more affected Former Process Area located south of Manadas Creek.

Checklist for Report Completeness	ID No.	Report Date: July 30, 2015

Checklist for Report Completeness

Use this checklist to determine the portions of the form that must be submitted for this report. Answer all questions by checking Yes or No. If the answer is Yes include that portion of the report. If the answer is No, do not complete or submit that portion of the report. All form contents that are marked "Required" must be submitted. Form contents marked with an asterisk (*) are not included in the blank form and are to be provided by the person.

			Report Contents	
		Required	**Cover Page**	☒
		Required	**Executive Summary**	☒
		Required	**Checklist for Report Completeness**	☒
		Required	**Worksheet 1.0** Confirmation of Response Action Objectives	☒
		Required	**Attachment 1A*** Maps and Cross Sections	☒
		Required	**Attachment 1B*** Graphs	☐
		Required	**Attachment 1C*** Response Action Diagrams	☐
No ☒	Was a plume management zone used as part of the response action?	☐ Yes	**Worksheet 2.0** Plume Management Zone	☐
			Attachment 2A* Map of Plume Management Zone	☐
No ☒	Was an area of technical impracticability approved for use as part of the response action?	☐ Yes	**Worksheet 3.0** Technical Impracticability	☐
			Attachment 3A* Map of Technical Impracticability Area	☐
No ☐	Were institutional controls used or required as part of the response action?	☒ Yes	**Worksheet 4.0** Institutional Controls	☒
		Required	**Worksheet 5.0** Performance Measures and Problems	☒
No ☒	Did the response action require any operation and maintenance activities?	☐ Yes	**Worksheet 6.0** Operation and Maintenance	☒
No ☒	Has there been any change to the plans for post-response action care from that submitted in the RAP?	☐ Yes	**Worksheet 7.0** Post-Response Action Care	☐
No ☒	Was any information for this report obtained from outside sources?	☐ Yes	**Appendix 1*** References	☐
No ☒	Was an ESA and/or Compensatory Restoration used as part of the response action?	☐ Yes	**Appendix 2*** ESA and Compensatory Restoration	☐

Checklist for Report Completeness

ID No.	Report Date: July 30, 2015

Report Contents

No ☐	Were institutional controls or landowner concurrence required in the response action?	☒ Yes →	**Appendix 3*** Institutional Controls and Landowner Concurrence	☐
No ☐	Is there data or boring/monitor well information not previously submitted?	☐ Yes →	**Appendix 4*** Data Tables, Boring Logs, and Well Completions	☒
No ☒	Did sampling procedures differ from those described in the RAP?	☐ Yes →	**Appendix 5*** Sampling Procedures	☐
No ☐	Has any sampling been conducted for which the analytical results were not previously submitted?	☐ Yes →	**Appendix 6*** Laboratory Data Packages	☒
No ☒	Were statistics or geostatistics used in the response action?	☐ Yes →	**Appendix 7*** Statistical Methodology	☐
No ☒	Were any wastes generated that were not reported through STEERS?	☐ Yes →	**Appendix 8*** Waste Disposition	☐

Confirmation of Response Action Objectives	RACR Worksheet 1.0	Page 1 of 5
	ID No.	Report Date: July 30, 2015

Use this worksheet to describe the attainment of the response action objectives in each media.

Response Action Objectives

What was the selected remedy standard for this affected property? ___ A ✓ B

List the environmental media to which this applies Surface Soil
Repeat this section for each medium that had a different response action objective.

Provide a detailed description of the response action. Describe the removal actions, decontamination actions, treatment system(s), physical or institutional control actions, and any actions for ecological considerations (ecological services analysis and compensatory restoration plans) that were conducted in each media and indicate if there were any differences between the actions taken and the actions proposed in the SIN or RAP.

Background

The Al Laredo property is a former antimony smelting facility located at 7418 Mines Road (FM 1472) in Laredo, Texas (**Attachment 1A-1**). Antimony smelting and refining operations were performed at the property from 1928 to 1999. With the exception of extensive remediation efforts and environmental characterization between 2002 and the present, the site has been inactive since all facility structures were demolished by 2004, approximately 11 years ago.

The site is bisected by an intermittent stream with perennial pools known as Manadas Creek. Nearly all historical industrial activity at the property was conducted east/south of Manadas Creek, and very little activity has ever occurred in the Undeveloped Area west/north of Manadas Creek. The locations of Manadas Creek, and other site features, are shown in **Attachment 1A-2**. The objective of the Response Action described in this RACR was the characterization and remediation (as needed) for the entire, remaining Undeveloped Area of the site west/north of Manadas Creek that had not been previously closed. A separate RACR for the Former Process Area and other areas east and south of Manadas Creek will be submitted upon completion of the planned response action (consolidation and onsite disposal in a containment cap) as detailed in the approved 2014 CMS Addendum.

Although a majority of the Undeveloped Area has already received regulatory closure, a review of historical documents and agency communications indicated that some areas north of Manadas Creek were not previously included. Areas of the site that have previously received closure by the Texas Natural Resource Conservation Commission (TNRCC), now the Texas Commission on Environmental Quality (TCEQ), are shown in **Attachment 1A-3**. These areas were closed in the 1990s under the RRS. Soil and groundwater in 68 acres of Undeveloped Area, including 14 acres west of Mines Road, were specifically mentioned as being regulatorily closed by the TNRCC in 1995.

However, some areas north of Manadas Creek still require closure. These include the Northern Union Pacific Railroad Right-of-Way (NUP ROW), Sectors 6, 12, and 17, where active remediation was performed the 1990s, and a small portion of the area north of Manadas Creek near the evaporation pond. These areas are shown on **Attachment 1A-3**. The response actions detailed in this RACR were implemented to allow closure of these remaining areas. Upon approval of this RACR, all onsite areas west and north of Manadas Creek will be considered to be regulatorily closed.

Response actions performed to address the surface soil in the previously unclosed areas north of Manadas Creek are described in the following section. As stated previously and in the approved CMS Addendum, no other environmental media are affected above applicable PCLs in this area of the property.

Northern Union Pacific ROW

The NUP ROW is located in the most northern portion of the Undeveloped Area of the Al Laredo property

(**Attachment 1A-3**). The total area of the NUP ROW is approximately 21.3 acres, with approximately 2.2 acres located west of Mines Road. Surface soil characterization samples were collected from the NUP ROW in April 2015. The entire NUP ROW was sampled at a frequency of 1 sample per ½-acre maximum area. Each ½-acre sample was collected as a 5-part horizontal composite over the 0- to 6-inch depth interval, in accordance with the proposed approach as described in the CMS Addendum. A total of 48 composite samples were collected. The sample analytical results are tabulated in **Appendix 4**, and the sample locations are illustrated in **Attachment 1A-4**. **Attachment 1A-5** presents the analytical results for each of the 48 maximum ½-acre areas sampled in the NUP ROW.

As shown in the Appendix and Attachments, the reported antimony concentrations for all 48 soil samples collected from the NUP ROW were less than the critical PCL of 270 ppm. Based on these results, no active soil response action in the NUP ROW was performed.

Previously Unclosed Sectors 6, 12, and 17

In 2011, WESTON performed a soil investigation in the area of previously unclosed Sectors 6, 12, and 17, located north of Manadas Creek. A small area directly north of the evaporation pond and Manadas Creek was also sampled at that time. As a result of this investigation, three individual unclosed areas north of Manadas Creek were identified as having reported antimony concentrations greater than the critical PCL of 270 ppm. These areas required response action (removal) of the affected soil to achieve regulatory closure. The locations of these areas are shown in **Attachment 1A-6**.

Soil removal from the affected areas shown in **Attachment 1A-6** was performed in April and May 2015 to a depth of up to 3 feet. Approximately 4,100 total cubic yards (CY) of affected soil with antimony concentrations greater than 270 ppm were excavated from Sectors 6, 12, and 17. All excavated soil from these areas was transported to the Former Process Area (remaining onsite) for temporary storage. The soil pile location is shown in **Attachment 1A-2**. As detailed in the approved CMS Addendum, this soil will be placed in the area that will be capped during the next phase of response actions south of Manadas Creek.

Confirmation samples were collected from each of the three excavation areas to verify that response action was completed in accordance with the approved CMS Addendum. Samples were collected at a frequency of 1 sample per 50 linear feet along the perimeter of the excavations, and at a maximum 50-foot standard spacing within the excavation areas themselves. The sample analytical results are tabulated in **Appendix 4** and illustrated in **Attachment 1A-7**. As shown in **Appendix 4** and **Attachment 1A-7**, none of the 43 confirmation samples collected had reported antimony concentrations greater than the critical PCL of 270 ppm. Each excavation area was sloped to surrounding grade upon completion (no backfilling).

Institutional Controls

Based on the characterization and confirmation sampling results for these areas (and TCEQ's February 2015 concurrence that the soil impacts are attributed to inorganic antimony oxides), the filing of institutional controls is not necessary for the portions of the Undeveloped Area described in this RACR. However, AI has elected to place institutional controls precluding residential use for the entire site, including the Undeveloped Area, in accordance with the proposed approach in the May 2014 CMS Addendum (see **Worksheet 4.0**).

Describe how the response action achieved the property-specific response objectives for the PCLE zone in each media in the context of the response objectives set forth in §350.32 or §350.33, as applicable. Explain how the response action was appropriate based on the hydrogeologic and COC characteristics. Describe any unprotective conditions that continued or resulted from the remedial actions and the actions taken to mitigate unprotective conditions.

The response action objective for areas north of Manadas Creek was the implementation of the TCEQ-approved surface soil characterization approach and the removal of all identified surface soil PCLE

zones. Based on the reported antimony concentrations, no soil removal was necessary in the NUP ROW. Soil removal from Sectors 6, 12, and 17 was an appropriate response action because the PCLE zones were eliminated as indicated by confirmation sampling results.

If different from the information provided in the RAP, explain how the COCs were handled, treated, disposed, or transferred to another media and document that the response action did not result in any additional exposure conditions due to response action activities.

No significant differences occurred between the proposed response action as presented in the CMS Addendum and the actual response action performed. Silt fences were installed prior to the work, and the ambient air was monitored and sampled during active response action. No additional exposure conditions occurred due to response action activities.

Explain how the response action achieved the objectives within the reasonable time frame.

Soil response actions commenced following approval by the TCEQ to begin the activities north of Manadas Creek as described in the CMS Addendum. Characterization and response action of the NUP ROW and Sectors 6, 12, and17 commenced in April 2015 and were completed in May 2015.

Were physical controls used as part of the response action? ____ Yes __X__ No
If yes, describe the type and purpose of the physical control and discuss how the physical control has proved effective.

Physical controls were not used as part of this response action. However, a physical control, consisting of an engineered containment cap, will be used to ultimately contain the 4,100 CY of affected soil removed from Sectors 6, 12, and 17 as presented in this RACR. A separate RACR will be submitted for TCEQ review following the completion of the onsite containment cap anticipated to be completed in 2016.

Soil Response Action Objectives

When using removal and/or decontamination with controls or controls only, demonstrate that the physical control or combination of measures reliably contained COCs within and/or derived from the surface soil and subsurface soil PCLE zone materials over time.

No physical controls were used in the response actions conducted north of Manadas Creek. All soil containing concentrations of antimony greater than its critical PCL was excavated and transported to the Former Process area where is had been temporarily staged for onsite disposal.

Explain how the removal or decontamination action reduced the concentration of COCs to the critical surface soil and subsurface soil PCL throughout the soil PCLE zone and prevented COC concentrations above the critical soil PCLs from migrating beyond the original boundary of the soil PCLE zone.

Removal of COC-affected soil to the critical PCLs, as confirmed by the results of verification samples, resulted in remaining COC concentrations below critical PCLs. The entire PCLE zones for Sectors 6, 12, and 17 were removed.

Groundwater Response Action Objectives

Name of groundwater-bearing unit to which this information applies: Uppermost GWBU

Repeat this section for each groundwater-bearing unit for which a different response action was conducted.

Groundwater classification: 1 ___ 2 ___ X 3 ___

Was a modified groundwater response action used for any part of the groundwater PCLE zone (§350.33(f)(2), (3), or (4))? ___ Yes _X_ No

If yes, complete the appropriate portions of this report.

Explain how the removal or decontamination actions reduced the concentration of COCs to the critical groundwater PCL throughout the groundwater PCLE zone and prevented COC concentrations above the critical groundwater PCL from migrating beyond the original boundary of the groundwater PCLE zone. If COC concentrations above the critical groundwater PCL ever migrated beyond the original boundary of the groundwater PCLE zone, explain the actions taken to address the increase in the PCLE zone.

No impacts to groundwater are known to be present, currently or historically, in the NUP ROW or Sectors 6, 12, and 17. All affected groundwater above the applicable PCL is south of Manadas Creek, as described in the approved CMS Addendum. No groundwater PCLE zones are present north of Manadas Creek.

Explain how the response action prevented COCs from migrating to air at concentrations above the PCLs for air if the groundwater-to-air PCLs ($^{Air}GW_{Inh\text{-}V}$) were exceeded.

Not Applicable.

Explain how the response action prevented COCs from migrating to surface water at concentrations above the PCLs for groundwater discharges to surface water if surface water was a factor.

Not Applicable.

Explain how the response action prevented human and ecological receptor exposure to the groundwater PCLE zone.

Not Applicable.

Waste Management

Describe the volume and final disposition or reuse location of waste or environmental media that was removed from the affected property during the response action, if not previously reported under STEERS. Provide copies of all manifests, other documentation of disposition, and landowner consent for reuse of soil in Appendix 8.

Approximately 4,100 CY of affected soil were excavated as part of this response action. None of the affected soil was removed from the affected property, including during its transportation. This soil remains stored in the Former Process Area near other existing piles for eventual disposition in the onsite containment cap.

ATTACHMENT 1A

MAPS AND CROSS SECTIONS

0 2 4

Miles

LEGEND

Property Boundary

N

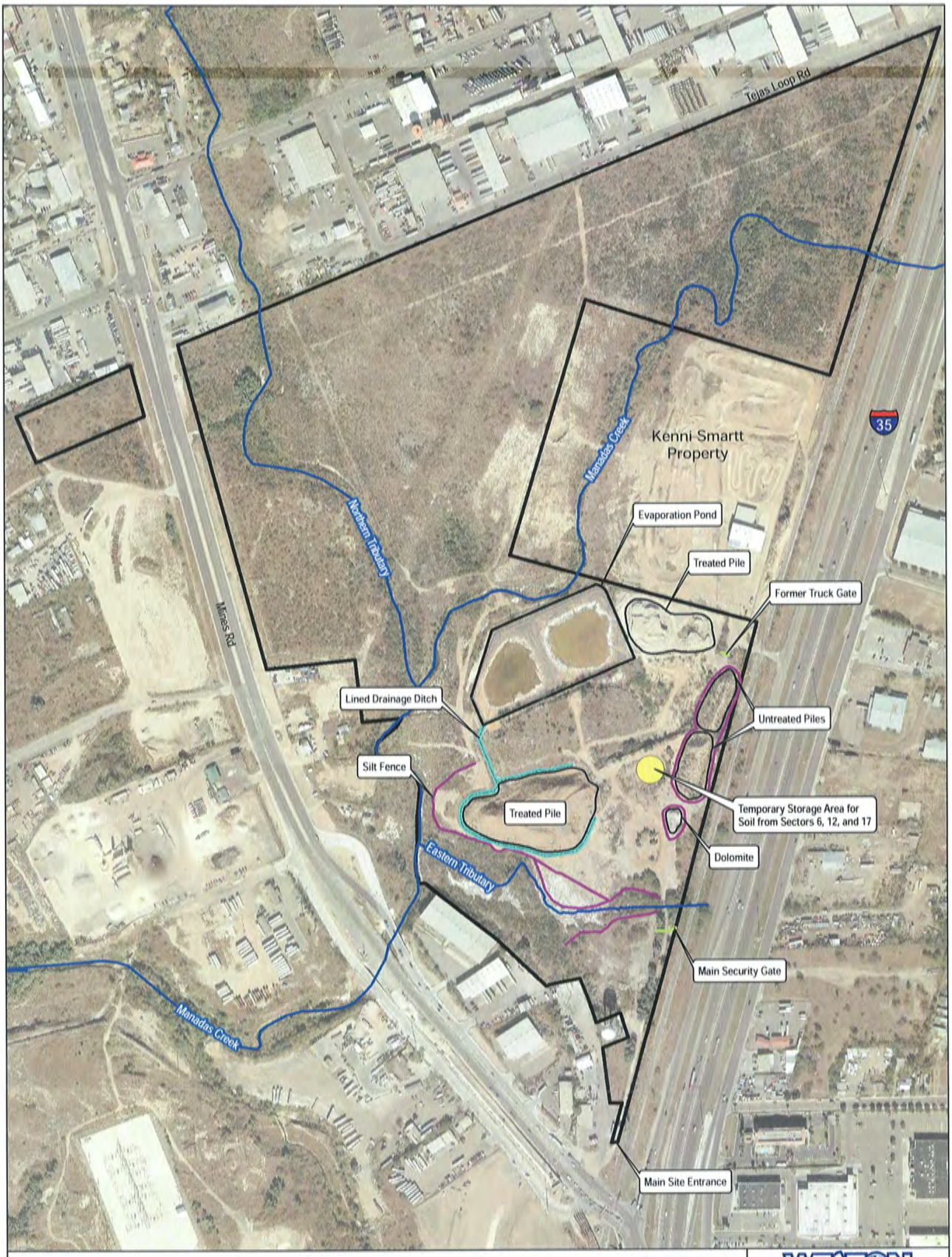
SOURCE: © Esri Streetmap USA, 2014

WESTON SOLUTIONS

ATTACHMENT 1A-1
SITE LOCATION MAP
AI DIVESTITURES, INC.
LAREDO, WEBB COUNTY, TEXAS

DATE	PROJECT NO	SCALE
JUN 2015	15397.001.001.1900	AS SHOWN

FILE: I:\GIS Project Files\12776_AI Divestitures\Laredo\RACR\mxd\Site Location Map.mxd 1:18:39 PM 6/23/2015 wilderj



0 350 700

Feet

LEGEND

- Lined Drainage Ditch
- Temporary Storage Area for RACR Soil
- Property Boundary

Image Source: City of Laredo, 2009

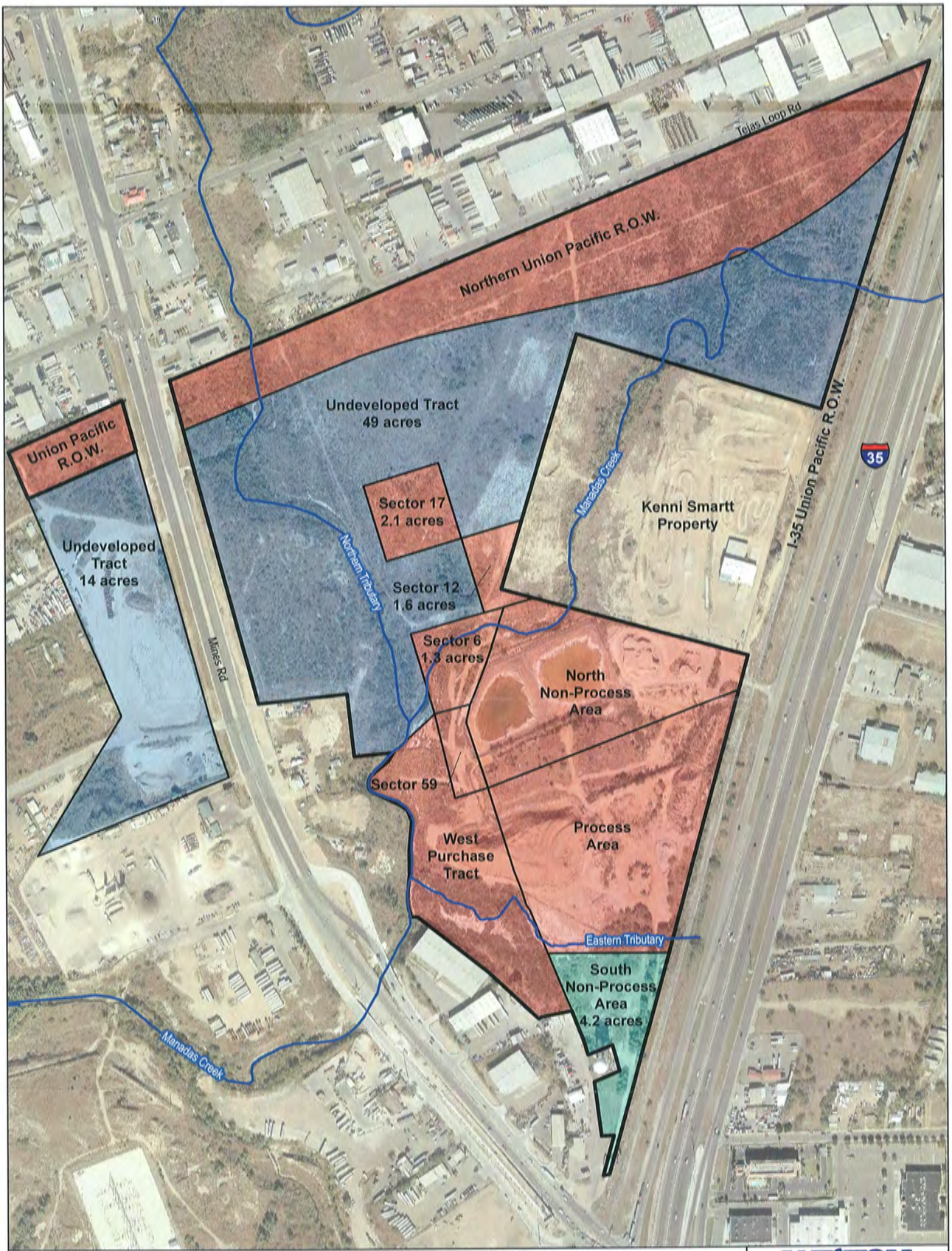
N

WESTON SOLUTIONS

ATTACHMENT 1A-2
SITE AREA MAP
AI DIVESTITURES, INC.
LAREDO, WEBB COUNTY, TEXAS

DATE	PROJECT NO	SCALE
JUNE, 2015	15397.001.001.1900	AS SHOWN

FILE: I:\GIS Project Files\15397\8_AI Divestitures\Laredo\RACR\mxd\Site Area Map.mxd 9:30:37 AM 6/29/2015 wilder



0 350 700
Feet

LEGEND
- Property Boundary
- Sectors Previously Closed
- Sectors Not Closed
- Sector Reopened by AI Divestitures, Inc.

Image Source: City of Laredo, 2009

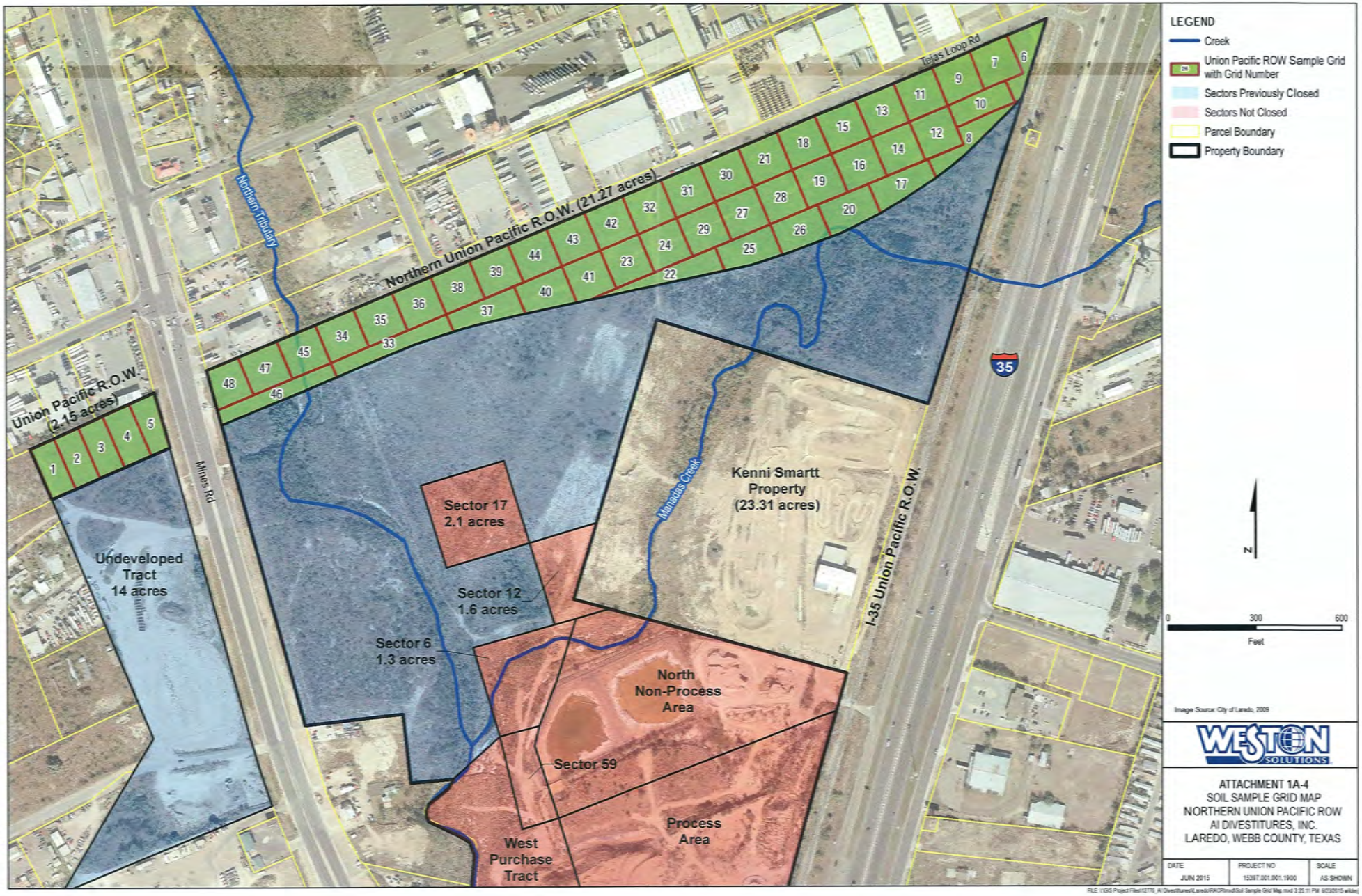
N

WESTON SOLUTIONS

ATTACHMENT 1A-3
PROPERTY AREA AND CLOSURE STATUS
AI DIVESTITURES, INC.
LAREDO, WEBB COUNTY, TEXAS

DATE	PROJECT NO	SCALE
JUNE, 2015	15397.001.001.1900	AS SHOWN

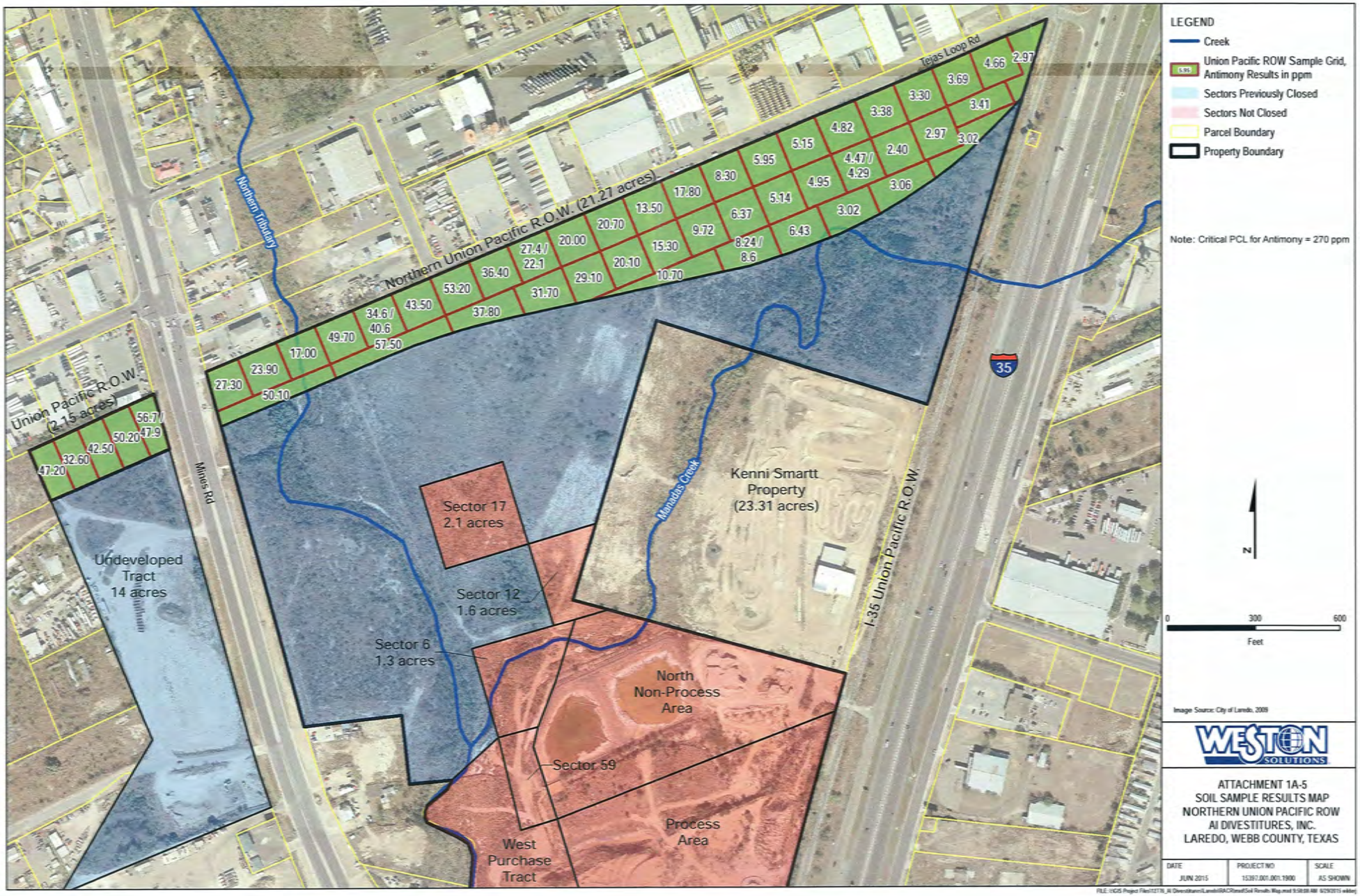
FILE: I:\GIS Project Files\12776_AI Divestitures\Laredo\ARAC\Rmxd\Property Areas and Closure Status.mxd 3:27:10 PM 6/23/2015 wilder

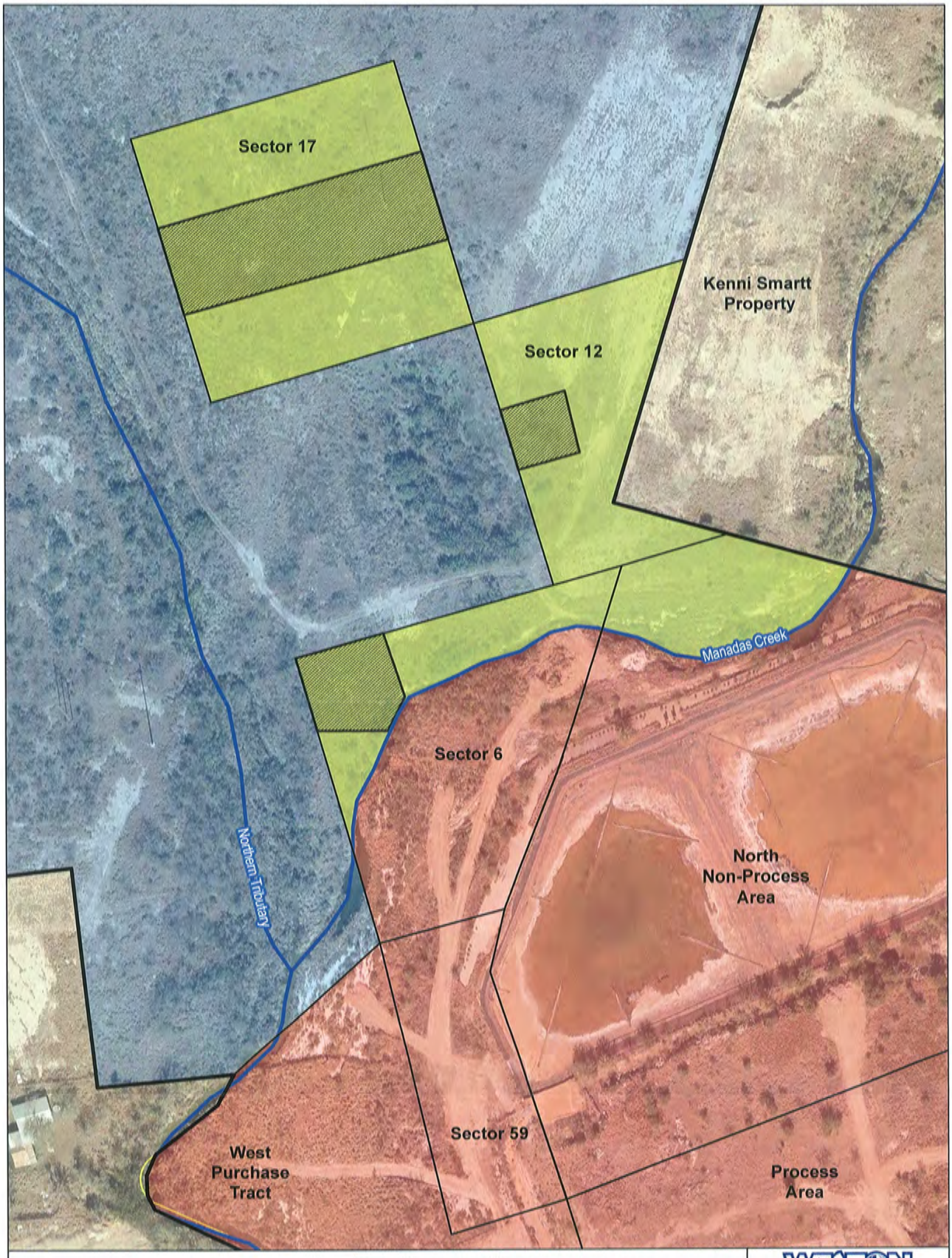


WESTON SOLUTIONS

ATTACHMENT 1A-4
SOIL SAMPLE GRID MAP
NORTHERN UNION PACIFIC ROW
AI DIVESTITURES, INC.
LAREDO, WEBB COUNTY, TEXAS

DATE	PROJECT NO	SCALE
JUN 2015	15397.001.001.1900	AS SHOWN


LEGEND
Creek
Union Pacific ROW Sample Grid, Antimony Results in ppm
Sectors Previously Closed
Sectors Not Closed
Parcel Boundary
Property Boundary
Note: Critical PCL for Antimony = 270 ppm
Northern Union Pacific R.O.W. (21.27 acres)
Union Pacific R.O.W. (2.15 acres)
Northern Tributary
Manadas Creek
Mines Rd
Texas Loop Rd
I-35 Union Pacific R.O.W.
Kenni Smartt Property (23.31 acres)
Undeveloped Tract 14 acres
Sector 17 2.1 acres
Sector 12 1.6 acres
Sector 6 1.3 acres
Sector 59
North Non-Process Area
Process Area
West Purchase Tract
27.30
23.90
17.00
49.70
34.6 / 40.6
57.50
43.50
53.20
36.40
37.80
27.4 / 22.1
20.00
31.70
20.70
29.10
13.50
20.10
17.80
15.30
10.70
8.30
9.72
8.24 / 8.6
5.95
6.37
6.43
5.15
5.14
4.95
4.82
4.47 / 4.29
3.06
3.38
2.40
3.30
2.97
3.69
3.41
4.66
2.97
3.02
50.10
56.7 / 47.9
50.20
42.50
32.60
47.20
0
300
600
Feet
Image Source: City of Laredo, 2009
WESTON SOLUTIONS
ATTACHMENT 1A-5
SOIL SAMPLE RESULTS MAP
NORTHERN UNION PACIFIC ROW
AI DIVESTITURES, INC.
LAREDO, WEBB COUNTY, TEXAS
DATE
JUN 2015
PROJECT NO
15387.001.001.1900
SCALE
AS SHOWN



0 100 200
Feet

LEGEND

- Property Boundary
- Parcel Boundary
- RACR Subject Area
- Sectors Previously Closed
- Sectors Not Closed
- 2015 Remediated Areas

N

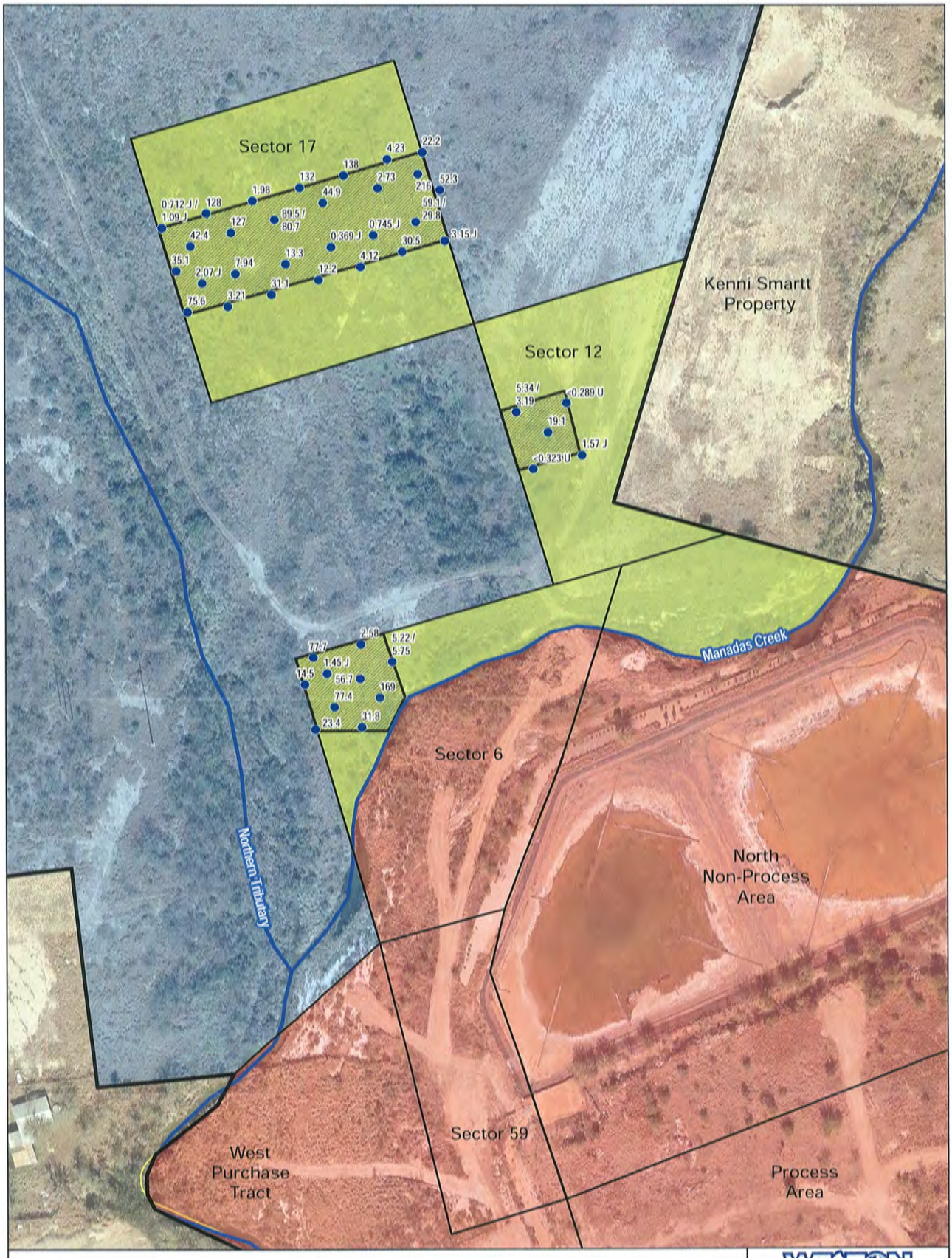
Image Source: City of Laredo, 2009

WESTON SOLUTIONS

ATTACHMENT 1A-6
RESPONSE ACTION IMPLEMENTATION
AI DIVESTITURES, INC.
LAREDO, WEBB COUNTY, TEXAS

DATE	PROJECT NO	SCALE
JUNE, 2015	12776.008.010.1500	AS SHOWN

FILE: I:\GIS Project Files\12776_AI Divestitures\Laredo\RACR\mxd\Response Action Implementation.mxd 1:45:48 PM 6/29/2015 wilder



WESTON SOLUTIONS

ATTACHMENT 1A-7
ANTIMONY SAMPLE RESULTS MAP
AI DIVESTITURES, INC.
LAREDO, WEBB COUNTY, TEXAS

DATE	PROJECT NO	SCALE
JUNE, 2015	12776.008.010.1500	AS SHOWN

FILE: I:\GIS Project Files\12776_AI Divestitures\Laredo\RACR\mxd\Antimony Sample Results Map.mxd 10:07:50 AM 6/29/2015 whiter

Institutional Controls	RACR Worksheet 4.0 Page 1 of 1	
	ID No.	Report Date: July 30, 2015

Complete this worksheet if an institutional control will be or has been used as part of the response action. Include in Appendix 3 copies of filed institutional controls and drafts of the proposed institutional controls, copies of landowner concurrences, and a list of landowners from whom landowner concurrence will be requested.

Specify the property for which this applies. Former Anzon, Inc. Facility – Mines Road; Northern Portion

Repeat this worksheet for each different property for which an institutional control will be used.

Institutional Control	Type of Institutional Control[3]				Property Ownership		Anticipated or actual filing date[4]
	Deed notice	Restrictive covenant	VCP Certificate of Completion	Equivalent zoning or governmental ordinance	Check if pertinent tract of land is owned by the person	Check if the pertinent tract of land is owned by an innocent owner or operator	
Document use of commercial/industrial land use (§350.31(g))	X				X		Sept 2015
Document use of physical or institutional control under Remedy Standard B §350.31(g))	X				X		Sept 2015
Document notice of on-going long term response action (§350.31(h))							
Document use of occupational inhalation criteria as RBELs (§350.74(b)(1))							
Document variance from the default exposure factors (§350.74(j)(2)(L))							
Document the use of a non-default soil exposure area (§350.51(l)(3)&(4))							
Document WCU exclusion area (§350.33(f)(2))							
Document establishing a PMZ (§350.33(f)(4)(C)(I))							
Document the demonstration of technical impracticability (§350.33(f)(3)(F))							
Relocation of soils containing COCs for reuse (§350.36(b)(4) and (c)(4))							
Other (specify)							

[3] Check the appropriate box(es) to indicate the type of institutional control required for the response action.

[4] Specify date or amount of time after RAP approval.

Performance Measures and Problems	RACR Worksheet 5.0 Page 1 of 1	
	ID No.	Report Date: July 30, 2015

Performance Measures

List and describe the performance measures for each environmental medium containing a PCLE zone that were used to determine if reasonable progress is being made by the response action in a timely manner. Provide documentation that these performance measures were met. Attach additional information if necessary.

No PCLE zones were identified in the NUP ROW.

For Sections 6, 12, and 17, confirmation samples were collected from excavated areas to verify that the response action (removal) was successful. Results of confirmation samples are summarized in **Appendix 4**. Laboratory data packages and a Data Usability Summary are presented in **Appendix 6**.

Problems

Complete the table for the response action. When the response action consisted of several components or multiple actions, complete one table for each major component or action.

Response Action Name/Designation: Soil Excavation

List the problems that were encountered during the response action, describe the impact of each problem, and the response to the problem.

Description of the Problem	Impact	Did this cause a response action failure?		Corrective Response
		Yes	No	
Not Applicable. All identified PCLE zones have been remediated.				

Operation and Maintenance	RACR Worksheet 6.0 Page 1 of 1	
	ID No.:	Report Date: July 30, 2015

Use this worksheet to describe the operation and maintenance (O&M) activities conducted for each response action.

Response Action Name/Designation: _____

List all portions of the response action to which this information applies. Repeat this worksheet for each major component or operation.

Describe the O&M and inspection activities that were conducted to operate and maintain response action components.

No Operations and Maintenance activities are necessary for the soil response actions north of Manadas Creek. All soil greater than the critical PCL has been removed from this area.

Appendices

APPENDIX 4

DATA TABLES, BORING LOGS, AND WELL COMPLETIONS

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Surface Soil Analytical Data Summary

Northern Union Pacific Right-of-Way

Al Laredo Property, Laredo, Texas

Location ID	Sample Date	Reported Antimony Concentration (mg/kg)
$^{GW}Soil_{Class3}$ PCL[1] = 270 mg/kg		
NUP-ROW-1	04/20/15	47.2
NUP-ROW-2	04/20/15	32.6
NUP-ROW-3	04/20/15	42.5
NUP-ROW-4	04/20/15	50.2
NUP-ROW-5	04/20/15	56.7
NUP-ROW-5-D	04/20/15	47.9
NUP-ROW-6	04/21/15	2.97
NUP-ROW-7	04/21/15	4.66
NUP-ROW-8	04/21/15	3.02
NUP-ROW-9	04/21/15	3.69
NUP-ROW-10	04/21/15	3.41
NUP-ROW-11	04/21/15	3.3
NUP-ROW-12	04/21/15	2.97
NUP-ROW-13	04/21/15	3.38
NUP-ROW-14	04/21/15	2.4
NUP-ROW-15	04/21/15	4.82
NUP-ROW-16	04/21/15	4.47
NUP-ROW-16-D	04/21/15	4.29
NUP-ROW-17	04/21/15	3.06
NUP-ROW-18	04/21/15	5.15
NUP-ROW-19	04/22/15	4.95
NUP-ROW-20	04/22/15	3.02
NUP-ROW-21	04/23/15	5.95
NUP-ROW-22	04/22/15	10.7
NUP-ROW-23	04/22/15	20.1
NUP-ROW-24	04/22/15	15.3
NUP-ROW-25	04/22/15	8.24
NUP-ROW-25-D	04/22/15	8.6
NUP-ROW-26	04/22/15	6.43
NUP-ROW-27	04/22/15	6.37
NUP-ROW-28	04/22/15	5.14
NUP-ROW-29	04/22/15	9.72
NUP-ROW-30	04/23/15	8.3
NUP-ROW-31	04/23/15	17.8
NUP-ROW-32	04/23/15	13.5
NUP-ROW-33	04/22/15	57.5
NUP-ROW-34	04/23/15	49.7
NUP-ROW-35	04/23/15	34.6
NUP-ROW-35-D	04/23/15	40.6
NUP-ROW-36	04/23/15	43.5

Surface Soil Analytical Data Summary

Northern Union Pacific Right-of-Way

Al Laredo Property, Laredo, Texas

Location ID	Sample Date	Reported Antimony Concentration (mg/kg)
$^{GW}Soil_{Class3}$ PCL[1] = 270 mg/kg		
NUP-ROW-37	04/22/15	37.8
NUP-ROW-38	04/23/15	53.2
NUP-ROW-39	04/23/15	36.4
NUP-ROW-40	04/22/15	31.7
NUP-ROW-41	04/23/15	29.1
NUP-ROW-42	04/23/15	20.7
NUP-ROW-43	04/23/15	20
NUP-ROW-44	04/23/15	27.4
NUP-ROW-44-D	04/23/15	22.1
NUP-ROW-45	04/23/15	17
NUP-ROW-46	04/23/15	50.1
NUP-ROW-47	04/23/15	23.9
NUP-ROW-48	04/23/15	27.3

Notes:

[1] $^{GW}Soil_{Class3}$ PCL - Critical Protective Concentration Limit (PCL), based on the default Texas Risk Reduction Program Tier 1 PCL for the soil-to-groundwater exposure pathway.

Soil Analytical Data Summary

Sectors 6, 12, and 17

Al Laredo Property, Laredo, Texas

Location ID	Sample Date	Antimony[2] (mg/kg)	
$^{GW}Soil_{Class3}$ PCL[1] = 270 mg/kg			
Sector 6			
CS-S6-1	05/04/15	14.5	
CS-S6-2	05/04/15	23.4	
CS-S6-3	05/04/15	31.8	
CS-S6-4	05/04/15	169	
CS-S6-5	05/04/15	5.22	
CS-S6-5-D	05/04/15	5.75	
CS-S6-6	05/04/15	77.4	
CS-S6-7	05/05/15	2.58	
CS-S6-8	05/05/15	77.7	
CS-S6-9	05/05/15	1.45	J
CS-S6-10	05/05/15	56.7	
Sector 12			
CS-S12-01	04/28/15	5.34	
CS-S12-02	04/28/15	<0.323	U
CS-S12-03	04/28/15	1.57	J
CS-S12-04	04/28/15	<0.289	U
CS-S12-05	04/28/15	19.1	
CS-S12-01-D	04/28/15	3.19	
Sector 17			
CS-S17-1	05/04/15	35.1	
CS-S17-2	05/04/15	75.6	
CS-S17-3	05/04/15	3.21	
CS-S17-4	05/04/15	31.1	
CS-S17-5	05/04/15	12.2	
CS-S17-6	05/04/15	13.3	
CS-S17-7	05/04/15	7.94	
CS-S17-8	05/04/15	2.07	J
CS-S17-09	05/07/15	0.712	J
CS-S17-10	05/07/15	128	
CS-S17-11	05/07/15	1.98	
CS-S17-12	05/07/15	132	
CS-S17-13	05/07/15	138	
CS-S17-14	05/07/15	44.9	
CS-S17-15	05/07/15	89.5	
CS-S17-15-D	05/07/15	80.7	
CS-S17-16	05/07/15	127	
CS-S17-17	05/07/15	42.4	
CS-S17-18	05/07/15	4.12	

Soil Analytical Data Summary

Sectors 6, 12, and 17

Al Laredo Property, Laredo, Texas

Location ID	Sample Date	Antimony[2] (mg/kg)	
$^{GW}Soil_{Class3}$ PCL[1] = 270 mg/kg			
CS-S17-19	05/07/15	0.369	J
CS-S17-09-D	05/07/15	1.09	J
CS-S17-20	05/11/15	4.23	
CS-S17-21	05/11/15	2.73	
CS-S17-22	05/11/15	30.5	
CS-S17-23	05/11/15	3.15	J
CS-S17-24	05/11/15	0.745	J
CS-S17-25	05/11/15	59.1	
CS-S17-25-D	05/11/15	29.8	
CS-S17-26	05/11/15	22.2	
CS-S17-27	05/11/15	52.3	
CS-S17-28	05/11/15	216	

Notes:

[1] - $^{GW}Soil_{Class3}$ PCL - Proposed Critical Protective Concentration Limit (PCL), based on the default Texas Risk Reduction Program Tier 1 PCL for the soil-to-groundwater exposure pathway.

[2] - Values shaded yellow exceed the $^{GW}Soil_{Class3}$ PCL.

APPENDIX 6

LABORATORY DATA PACKAGES

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MEMORANDUM

TO: Mr. Phil Bredfeldt, Weston Solutions, Inc.

FROM: Ms. Melody Cornelius, Weston Solutions, Inc.

DATE: 17 June 2015

SUBJECT: Data Usability Summary
2015 Soil Analytical Results
AI Laredo Undeveloped Property, Laredo, TX
Response Action Completion Report

Weston Solutions, Inc. (WESTON®) performed data review on seven laboratory data packages (560-54250-1, 560-54316-1, 560-54385-1, 560-54477-1, 560-54522-1, 560-54559-1, and 560-54604-1). This Data Usability Summary (DUS) was compiled to document the usability of the soil sampling data reported in the subject data packages. The soil samples were collected in April and May of 2015 as part of environmental assessment activities north of Manadas Creek at the Mines Road site in Laredo, Texas. The purpose of the soil sampling was to characterize previously unclosed areas in support of regulatory closure.

A total of 101 samples, including 9 field duplicates, are included in the subject laboratory data packages. The samples were analyzed by TestAmerica, Inc. (laboratory) (TestAmerica) in Corpus Christi, Texas. A cross-reference table that lists the field and laboratory sample identifiers along with the sample collection dates is included as **DUS Table 1**.

Melody Cornelius of WESTON reviewed the data packages for conformance with requirements of the Texas Risk Reduction Program (TRRP) guidance document "Review and Reporting of COC Concentration Data Under TRRP" (RG-336/TRRP-13) and adherence to project objectives.

Melody Cornelius certifies that at the time the laboratory data were generated for the project, TestAmerica was National Environmental Laboratory Accreditation Conference (NELAC)-accredited under the Texas Laboratory Accreditation Program for the matrices, analytes, and methods of analysis requested on the chain-of-custody documentation. A copy of the laboratory's National Environmental Laboratory Accreditation Program (NELAP) certificate applicable to the period during which the laboratory generated the data in this report is provided in **Appendix A**.

Intended Use of Data

The data are to be quantitatively compared to the applicable TRRP Protective Concentration Levels (PCLs) to evaluate soil concentrations and assess whether contaminated soils are present at the property. For the purposes of this project, contaminated soils are defined as soils with

chemical of concern (COC) concentrations above the TRRP PCL for soils protective of Class 3 groundwater.

Introduction

As stated above, seven laboratory data packages were reviewed (**DUS Table 1**). Laboratory data for 101 soil samples were reviewed and evaluated for discrepancies in preservation/holding times, instrument calibrations, blank recovery, internal standard, surrogate recoveries, laboratory control sample (LCS) recoveries and relative percent difference (RPD), and matrix spike / matrix spike duplicate (MS/MSD) recoveries and RPD. A total of 9 field duplicates were collected in association with the reviewed laboratory data packages. The soil samples were analyzed for antimony by EPA (analytical) Method SW-846 6010B.

Quantitative data quality objectives (DQOs) were determined based on the values recommended in TRRP-13 for inorganic compounds, method requirements, and considerations regarding the sample matrix (i.e., soil). Additionally, overall trends in the results for the sample set as a whole (i.e., agreement with current and/or historical data) were considered in the application of professional judgment in the evaluation of individual results and discrepancies. All of the subject laboratory data packages, including Sample Receipt Checklists, Data Review Checklists, Laboratory Review Checklists (LRC), Error Reports (ER), and laboratory analytical reports are included in **Appendix B**. The laboratory-recommended quality performance measures are shown along with the QC data in the laboratory data package. If cases where laboratory control limits were not provided were encountered, the TRRP-recommended control limits of 70-130% spike recovery, ≤30% laboratory duplicate RPD, and ≤50% field duplicate RPD are used.

Appropriate Reporting, Preservation, and Holding Times

Laboratory reports were evaluated for consistency with the field chain-of-custody (C-O-C) to ensure the appropriate sample identifiers and analyses were reported. The dates of sample collection were compared to the dates of sample analysis to identify any samples that did not meet sample holding time or preservation (temperature and/or pH) requirements. Select analytical methods require that samples be preserved at a temperature of ≤6°C. Also, sample detection limits (SDLs) were compared to the TCEQ PCLs designated for the site to verify that detection limits were sufficiently low to fully delineate impacts to soil to the applicable PCLs.

No issues involving preservation or holding time limits were identified during the review of the analytical data. All of the sample containers were received intact under proper C-O-C protocol. No sample qualification based on holding times and/or preservation was required.

Calibrations

According to the LRCs included in each data package, initial and continuing calibration data met EPA and SW-846 method requirements for all analyses in all laboratory data packages.

Blanks

Laboratory QC results were reviewed to identify any COC concentrations reported above the respective method quantitation limits (MQLs) in required laboratory Method Blanks (MBs). MB analyses were performed for each sample batch in all seven laboratory data packages in accordance with TRRP requirements. None of the MB samples associated with the reviewed laboratory data packages had COC concentrations above the respective MQLs. No data were qualified based on MB results.

Internal Standard and Surrogate Recoveries

Internal Standards and Surrogate Spikes are not applicable to the subject laboratory data packages since no organic analyses were performed.

Matrix Spike / Matrix Spike Duplicates (MS/MSD)

Discrepancies between MS/MSD percent recoveries and/or RPDs and reported laboratory control limits were identified in several of the reviewed data packages. However, in several cases where the MS/MSD analyses failed to meet the project DQOs stated above, the amount added to the sample, or the spiking amount, was less than four times the result of the unspiked parent sample. For purposes of this project, those data were not considered representative of matrix effects and, in accordance with TRRP-13, were thus not qualified and are considered usable as reported.

However, in laboratory data packages 560-54250-1 and 560-54522-1, the spiking amounts were sufficient to represent matrix effects, and MS and/or MSD recoveries were below the project DQO of 70%. The MS/MSD analyses associated with these laboratory data packages were performed using project samples 560-54250-18/NUP-ROW-17 and 560-522-1/CS-S6-7, respectively. Since the samples were collected over an expansive area with high matrix variability, only the results of the samples used to perform the MS/MSD analyses were qualified. The 560-54250-18/NUP-ROW-17 and 560-522-1/CS-S6-7 antimony results were qualified with "JL" indicating that the project sample results may be biased low.

In laboratory data package 560-54316-1, the spiking amounts were also sufficient to represent matrix effects, and MS and/or MSD recoveries were above the project DQO of 130%. The MS/MSD analysis with RPD exceedances was performed using project sample 560-54316-19/NUP-ROW-35. Since the samples in the associated sample batch were collected over an expansive area with high matrix variability, and also other MS/MSD results from the site had low MS/MSD recovery rather than high, only the antimony result of the sample used to perform the MS/MSD analysis were qualified. The 560-54316-19/NUP-ROW-35 antimony results were qualified with "JH" indicating that the project sample results may be biased high. All data that were qualified as a result of this data evaluation are listed in **DUS Table 2**.

Laboratory Control Samples and Laboratory Control Sample Duplicates

The primary purpose of the LCS is to demonstrate that the laboratory can perform the overall analytical approach in a matrix, free of interferences (e.g., in reagent water, clean sand, or

another suitable reference matrix). In all of the reviewed laboratory data packages, all LCS recoveries were within project DQO criteria and did not result in data qualification.

Field Precision

A total of 9 field duplicate sample pairs were collected in association with the reviewed laboratory data packages. To evaluate field precision, the results for each COC that was detected at concentrations above the MQLs in both the parent and duplicate samples were used to calculate an RPD value. In instances where the RPD exceeded 50%, the data were further evaluated against the MQL. If the results in question were reported above three times the MQL in the parent or duplicate sample, then those results were qualified with "J" to indicate that they are considered to be estimated. In general, it is recommended that for a given COC, the higher of the reported parent and duplicate sample results in question be interpreted as the representative COC concentration for the sample location to support conservative decision making in using the data. The antimony results for duplicate pairs CS-S12-01/CS-S12-01-D of 560-54385-1 and CS-S17-25/CS-S17-25-D of 560-54604-1 were qualified. **DUS Table 3** provides the detected results, calculated RPD values, and the qualifiers applied by the data reviewer as a result of the subject data review.

Field Procedures

Soil samples were collected by hand with new, disposable plastic scoops. When collected, composite samples were thoroughly homogenized in sealed plastic bags prior to placing the composite samples in sample jars. Soil samples were containerized and placed on ice for preservation pending transport to the laboratory.

Summary

All reported data are usable to determine concentrations of COCs for delineation purposes under TRRP. Qualified data are listed in **DUS Table 2.**

DUS Table 1
Cross-Reference of Field and Laboratory Identification
AI Laredo - Undeveloped Area
Laredo, Texas

Sample Date	Laboratory Identifier	Field Identifier
Data Package 560-54250-1		
4/20/2015	560-54250-1	NUP-ROW-1
4/20/2015	560-54250-2	NUP-ROW-5
4/20/2015	560-54250-3	NUP-ROW-2
4/20/2015	560-54250-4	NUP-ROW-3
4/20/2015	560-54250-5	NUP-ROW-4
4/20/2015	560-54250-6	NUP-ROW-5-D
4/21/2015	560-54250-7	NUP-ROW-6
4/21/2015	560-54250-8	NUP-ROW-7
4/21/2015	560-54250-9	NUP-ROW-8
4/21/2015	560-54250-10	NUP-ROW-9
4/21/2015	560-54250-11	NUP-ROW-10
4/21/2015	560-54250-12	NUP-ROW-11
4/21/2015	560-54250-13	NUP-ROW-12
4/21/2015	560-54250-14	NUP-ROW-13
4/21/2015	560-54250-15	NUP-ROW-14
4/21/2015	560-54250-16	NUP-ROW-16
4/21/2015	560-54250-17	NUP-ROW-16-D
4/21/2015	560-54250-18	NUP-ROW-17
Data Package 560-54316-1		
4/21/2015	560-54316-1	NUP-ROW-15
4/21/2015	560-54316-2	NUP-ROW-18
4/22/2015	560-54316-3	NUP-ROW-19
4/22/2015	560-54316-4	NUP-ROW-20
4/23/2015	560-54316-5	NUP-ROW-21
4/22/2015	560-54316-6	NUP-ROW-22
4/22/2015	560-54316-7	NUP-ROW-23
4/22/2015	560-54316-8	NUP-ROW-24
4/22/2015	560-54316-9	NUP-ROW-25
4/22/2015	560-54316-10	NUP-ROW-26
4/22/2015	560-54316-11	NUP-ROW-27
4/22/2015	560-54316-12	NUP-ROW-28
4/22/2015	560-54316-13	NUP-ROW-29
4/23/2015	560-54316-14	NUP-ROW-30
4/23/2015	560-54316-15	NUP-ROW-31
4/23/2015	560-54316-16	NUP-ROW-32
4/22/2015	560-54316-17	NUP-ROW-33
4/23/2015	560-54316-18	NUP-ROW-34
4/23/2015	560-54316-19	NUP-ROW-35
4/23/2015	560-54316-20	NUP-ROW-36
4/22/2015	560-54316-21	NUP-ROW-37
4/23/2015	560-54316-22	NUP-ROW-38
4/23/2015	560-54316-23	NUP-ROW-39
4/22/2015	560-54316-24	NUP-ROW-40
4/23/2015	560-54316-25	NUP-ROW-41
4/23/2015	560-54316-26	NUP-ROW-42

DUS Table 1
Cross-Reference of Field and Laboratory Identification
AI Laredo - Undeveloped Area
Laredo, Texas

Sample Date	Laboratory Identifier	Field Identifier
4/23/2015	560-54316-27	NUP-ROW-43
4/23/2015	560-54316-28	NUP-ROW-44
4/23/2015	560-54316-29	NUP-ROW-45
4/22/2015	560-54316-30	NUP-ROW-25-D
4/23/2015	560-54316-31	NUP-ROW-35-D
4/23/2015	560-54316-32	NUP-ROW-44-D
4/23/2015	560-54316-33	NUP-ROW-46
4/23/2015	560-54316-34	NUP-ROW-47
4/23/2015	560-54316-35	NUP-ROW-48
Data Package 560-54385-1		
4/28/2015	560-54385-1	CS-S12-01
4/28/2015	560-54385-2	CS-S12-02
4/28/2015	560-54385-3	CS-S12-03
4/28/2015	560-54385-4	CS-S12-04
4/28/2015	560-54385-5	CS-S12-05
4/28/2015	560-54385-6	CS-S12-01-D
Data Package 560-54477-1		
5/4/2015	560-54477-1	CS-S17-1
5/4/2015	560-54477-2	CS-S17-2
5/4/2015	560-54477-3	CS-S17-3
5/4/2015	560-54477-4	CS-S17-4
5/4/2015	560-54477-5	CS-S17-5
5/4/2015	560-54477-6	CS-S17-6
5/4/2015	560-54477-7	CS-S17-7
5/4/2015	560-54477-8	CS-S17-8
5/4/2015	560-54477-9	CS-S6-1
5/4/2015	560-54477-10	CS-S6-2
5/4/2015	560-54477-11	CS-S6-3
5/4/2015	560-54477-12	CS-S6-4
5/4/2015	560-54477-13	CS-S6-5
5/4/2015	560-54477-14	CS-S6-5-D
5/4/2015	560-54477-15	CS-S6-6
Data Package 560-54522-1		
5/5/2015	560-54522-1	CS-S6-7
5/5/2015	560-54522-2	CS-S6-8
5/5/2015	560-54522-3	CS-S6-9
5/5/2015	560-54522-4	CS-S6-10
Data Package 560-54559-1		
5/7/2015	560-54559-1	CS-S17-09
5/7/2015	560-54559-2	CS-S17-10
5/7/2015	560-54559-3	CS-S17-11
5/7/2015	560-54559-4	CS-S17-12
5/7/2015	560-54559-5	CS-S17-13
5/7/2015	560-54559-6	CS-S17-14

DUS Table 1
Cross-Reference of Field and Laboratory Identification
AI Laredo - Undeveloped Area
Laredo, Texas

Sample Date	Laboratory Identifier	Field Identifier
5/7/2015	560-54559-7	CS-S17-15
5/7/2015	560-54559-8	CS-S17-15-D
5/7/2015	560-54559-9	CS-S17-16
5/7/2015	560-54559-10	CS-S17-17
5/7/2015	560-54559-11	CS-S17-18
5/7/2015	560-54559-12	CS-S17-19
5/7/2015	560-54559-13	CS-S17-09-D
Data Package 560-54604-1		
5/11/2015	560-54604-1	CS-S17-20
5/11/2015	560-54604-2	CS-S17-21
5/11/2015	560-54604-3	CS-S17-22
5/11/2015	560-54604-4	CS-S17-23
5/11/2015	560-54604-5	CS-S17-24
5/11/2015	560-54604-6	CS-S17-25
5/11/2015	560-54604-7	CS-S17-25-D
5/11/2015	560-54604-8	CS-S17-26
5/11/2015	560-54604-9	CS-S17-27
5/11/2015	560-54604-10	CS-S17-28

DUS Table 2
Summary of Qualified Data
AI Laredo - Undeveloped Area
Laredo, Texas

Field Identification	Analyte	Qualification	Reason
CS-S12-01	Antimony	J	Field duplicate RPD greater than 50%
CS-S12-01-D	Antimony	J	Field duplicate RPD greater than 50%
CS-S17-25	Antimony	J	Field duplicate RPD greater than 50%
CS-S17-25-D	Antimony	J	Field duplicate RPD greater than 50%
NUP-ROW-17	Antimony	JL	MS and MSD recovery below 70%
CS-S6-7	Antimony	JL	MS and MSD recovery below 70%
NUP-ROW-35	Antimony	JH	MS and MSD recovery above 130%

Notes:
L - Biased Low
H - Biased High
J - Estimated Value

DUS Table 3
Field Precision Evaluation
AI Laredo - Undeveloped Area
Laredo, Texas

Data Package ID	Sample ID (Parent/Duplicate)		Analyte	Parent Sample Result (mg/kg)	Duplicate Sample Result (mg/kg)	Relative Percent Difference[1]	Qualified
	Lab ID	Field ID					
560-54250-1	560-54250-2/ 560-54250-6	NUP-ROW-5/ NUP-ROW-5-D	Antimony	56.7	47.9	16.83	A A
	560-54250-16 560-54250-17	NUP-ROW-16/ NUP-ROW-16-D	Antimony	4.47	4.29	4.11	A A
560-54316-1	560-54316-9/ 560-54316-30	NUP-ROW-25/ NUP-ROW-25-D	Antimony	8.24	8.6	4.28	A A
	560-54316-19/ 560-54316-31	NUP-ROW-35/ NUP-ROW-35-D	Antimony	34.6	40.6	15.96	A A
	560-54316-28/ 560-54316-32	NUP-ROW-44/ NUP-ROW-44-D	Antimony	27.4	22.1	21.41	A A
560-54385-1	560-54385-1/ 560-54385-6	CS-S12-01/ CS-S12-01-D	Antimony	5.34	3.19	50.41	J J
560-54477-1	560-54477-13/ 560-54477-14	CS-S6-5/ CS-S6-5-D	Antimony	5.22	5.75	9.66	A A
560-54559-1	560-54559-7/ 560-54559-8	CS-S17-15/ CS-S17-15-D	Antimony	89.5	80.7	10.34	A A
560-54604-1	560-54604-6/ 560-54604-7	CS-S17-25/ CS-S17-25-D	Antimony	59.1	29.8	65.92	J J

Notes:

[1] Relative Percent Difference (RPD)% = ((SR - DR)*200)/(SR + DR)

mg/kg = milligrams per kilogram

A - Acceptable data (RPD below 50% for inorganic analytes in soil samples; no qualifier applied).

J - Estimated Value

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APPENDIX A

TESTAMERICA, INC
NELAP CERTIFICATE

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Texas Commission on Environmental Quality

NELAP-Recognized Laboratory Accreditation is hereby awarded to

TestAmerica Laboratories, Inc. - Corpus Christi

1733 North Padre Island Drive
Corpus Christi, TX 78408-2329

in accordance with Texas Water Code Chapter 5, Subchapter R, Title 30 Texas Administrative Code Chapter 25, and the National Environmental Laboratory Accreditation Program.

The laboratory's scope of accreditation includes the fields of accreditation that accompany this certificate. Continued accreditation depends upon successful ongoing participation in the program. The Texas Commission on Environmental Quality urges customers to verify the laboratory's current location(s) and accreditation status for particular methods and analyses (www.tceq.texas.gov/goto/lab). Accreditation does not imply that a product, process, system or person is approved by the Texas Commission on Environmental Quality.

Certificate Number: T104704210-15-14
Effective Date: 4/1/2015
Expiration Date: 3/31/2016

Executive Director Texas Commission on Environmental Quality

Texas Commission on Environmental Quality

NELAP - Recognized Laboratory Fields of Accreditation

Certificate:	T104704210-15-14
Expiration Date:	3/31/2016
Issue Date:	4/1/2015

TestAmerica Laboratories, Inc. - Corpus Christi

1733 North Padre Island Drive
Corpus Christi, TX 78408-2329

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Matrix: ***Non-Potable Water***

Method EPA 1010

Analyte	AB	Analyte ID	Method ID
Ignitability	TX	1780	10116606

Method EPA 110.2

Analyte	AB	Analyte ID	Method ID
Color	TX	1605	10005604

Method EPA 1110

Analyte	AB	Analyte ID	Method ID
Corrosivity	TX	1615	10118000

Method EPA 120.1

Analyte	AB	Analyte ID	Method ID
Conductivity	TX	1610	10006403

Method EPA 1311

Analyte	AB	Analyte ID	Method ID
TCLP	TX	849	10118806

Method EPA 1312

Analyte	AB	Analyte ID	Method ID
SPLP	TX	850	10119003

Method EPA 160.2

Analyte	AB	Analyte ID	Method ID
Residue-nonfilterable (TSS)	TX	1960	10009606

Method EPA 160.3

Analyte	AB	Analyte ID	Method ID
Residue-total (total solids)	TX	1950	10010001

Method EPA 160.4

Analyte	AB	Analyte ID	Method ID
Residue-volatile	TX	1970	10010409

Method EPA 1664

Analyte	AB	Analyte ID	Method ID
n-Hexane Extractable Material (HEM) (O&G)	TX	1803	10127807
Silica Gel Treated n-Hexane Extractable Material (SGT-HEM)	TX	10220	10127807

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Matrix: ***Non-Potable Water***

Method EPA 200.7

Analyte	AB	Analyte ID	Method ID
Aluminum	TX	1000	10013806
Antimony	TX	1005	10013806
Arsenic	TX	1010	10013806
Barium	TX	1015	10013806
Beryllium	TX	1020	10013806
Boron	TX	1025	10013806
Cadmium	TX	1030	10013806
Calcium	TX	1035	10013806
Chromium	TX	1040	10013806
Cobalt	TX	1050	10013806
Copper	TX	1055	10013806
Iron	TX	1070	10013806
Lead	TX	1075	10013806
Lithium	TX	1080	10013806
Magnesium	TX	1085	10013806
Manganese	TX	1090	10013806
Molybdenum	TX	1100	10013806
Nickel	TX	1105	10013806
Phosphorus	TX	1910	10013806
Potassium	TX	1125	10013806
Selenium	TX	1140	10013806
Silica as SiO2	TX	1990	10013806
Silver	TX	1150	10013806
Sodium	TX	1155	10013806
Strontium	TX	1160	10013806
Thallium	TX	1165	10013806
Tin	TX	1175	10013806
Titanium	TX	1180	10013806

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Matrix: ***Non-Potable Water***

Vanadium	TX	1185	10013806
Zinc	TX	1190	10013806

Method EPA 200.8

Analyte	AB	Analyte ID	Method ID
Aluminum	TX	1000	10014605
Antimony	TX	1005	10014605
Arsenic	TX	1010	10014605
Barium	TX	1015	10014605
Beryllium	TX	1020	10014605
Boron	TX	1025	10014605
Cadmium	TX	1030	10014605
Calcium	TX	1035	10014605
Chromium	TX	1040	10014605
Cobalt	TX	1050	10014605
Copper	TX	1055	10014605
Iron	TX	1070	10014605
Lead	TX	1075	10014605
Magnesium	TX	1085	10014605
Manganese	TX	1090	10014605
Molybdenum	TX	1100	10014605
Nickel	TX	1105	10014605
Potassium	TX	1125	10014605
Selenium	TX	1140	10014605
Silver	TX	1150	10014605
Sodium	TX	1155	10014605
Strontium	TX	1160	10014605
Thallium	TX	1165	10014605
Tin	TX	1175	10014605
Titanium	TX	1180	10014605
Uranium	TX	3035	10014605

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Matrix: *Non-Potable Water*

Vanadium	TX	1185	10014605
Zinc	TX	1190	10014605

Method EPA 245.2

Analyte	AB	Analyte ID	Method ID
Mercury	TX	1095	10037204

Method EPA 300.0

Analyte	AB	Analyte ID	Method ID
Bromide	TX	1540	10053006
Chloride	TX	1575	10053006
Nitrate as N	TX	1810	10053006
Nitrate-nitrite	TX	1820	10053006
Nitrite as N	TX	1840	10053006
Sulfate	TX	2000	10053006

Method EPA 310.1

Analyte	AB	Analyte ID	Method ID
Alkalinity as CaCO3	TX	1505	10054805

Method EPA 330.4

Analyte	AB	Analyte ID	Method ID
Total residual chlorine	TX	1940	10059208

Method EPA 340.2

Analyte	AB	Analyte ID	Method ID
Fluoride	TX	1730	10062201

Method EPA 350.1

Analyte	AB	Analyte ID	Method ID
Ammonia as N	TX	1515	10063408

Method EPA 365.3

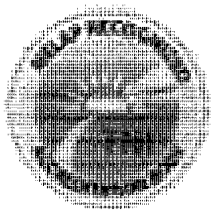
Analyte	AB	Analyte ID	Method ID
Orthophosphate as P	TX	1870	10070801

Method EPA 376.2

Analyte	AB	Analyte ID	Method ID
Sulfide	TX	2005	10074609

Texas Commission on Environmental Quality

NELAP - Recognized Laboratory Fields of Accreditation



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Matrix: ***Non-Potable Water***

Method EPA 415.1

Analyte	AB	Analyte ID	Method ID
Total Organic Carbon (TOC)	TX	2040	10078407

Method EPA 6010

Analyte	AB	Analyte ID	Method ID
Aluminum	TX	1000	10155609
Antimony	TX	1005	10155609
Arsenic	TX	1010	10155609
Barium	TX	1015	10155609
Beryllium	TX	1020	10155609
Boron	TX	1025	10155609
Cadmium	TX	1030	10155609
Calcium	TX	1035	10155609
Chromium	TX	1040	10155609
Cobalt	TX	1050	10155609
Copper	TX	1055	10155609
Iron	TX	1070	10155609
Lead	TX	1075	10155609
Lithium	TX	1080	10155609
Magnesium	TX	1085	10155609
Manganese	TX	1090	10155609
Molybdenum	TX	1100	10155609
Nickel	TX	1105	10155609
Phosphorus	TX	1910	10155609
Potassium	TX	1125	10155609
Selenium	TX	1140	10155609
Silica as SiO2	TX	1990	10155609
Silver	TX	1150	10155609
Sodium	TX	1155	10155609
Strontium	TX	1160	10155609
Thallium	TX	1165	10155609

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Matrix: ***Non-Potable Water***

Tin	TX	1175	10155609
Titanium	TX	1180	10155609
Vanadium	TX	1185	10155609
Zinc	TX	1190	10155609

Method EPA 6020

Analyte	AB	Analyte ID	Method ID
Aluminum	TX	1000	10156204
Antimony	TX	1005	10156204
Arsenic	TX	1010	10156204
Barium	TX	1015	10156204
Beryllium	TX	1020	10156204
Boron	TX	1025	10156204
Cadmium	TX	1030	10156204
Calcium	TX	1035	10156204
Chromium	TX	1040	10156204
Cobalt	TX	1050	10156204
Copper	TX	1055	10156204
Iron	TX	1070	10156204
Lead	TX	1075	10156204
Lithium	TX	1080	10156204
Magnesium	TX	1085	10156204
Manganese	TX	1090	10156204
Molybdenum	TX	1100	10156204
Nickel	TX	1105	10156204
Potassium	TX	1125	10156204
Selenium	TX	1140	10156204
Silver	TX	1150	10156204
Sodium	TX	1155	10156204
Strontium	TX	1160	10156204
Thallium	TX	1165	10156204

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Matrix: *Non-Potable Water*

Tin	TX	1175	10156204
Titanium	TX	1180	10156204
Vanadium	TX	1185	10156204
Zinc	TX	1190	10156204

Method EPA 624

Analyte	AB	Analyte ID	Method ID
1,1,1-Trichloroethane	TX	5160	10107207
1,1,2,2-Tetrachloroethane	TX	5110	10107207
1,1,2-Trichloroethane	TX	5165	10107207
1,1-Dichloroethane	TX	4630	10107207
1,1-Dichloroethylene	TX	4640	10107207
1,2-Dibromoethane (EDB, Ethylene dibromide)	TX	4585	10107207
1,2-Dichlorobenzene	TX	4610	10107207
1,2-Dichloroethane (Ethylene dichloride)	TX	4635	10107207
1,2-Dichloropropane	TX	4655	10107207
1,3-Dichlorobenzene	TX	4615	10107207
1,4-Dichlorobenzene	TX	4620	10107207
2-Butanone (Methyl ethyl ketone, MEK)	TX	4410	10107207
2-Chloroethyl vinyl ether	TX	4500	10107207
Acetone (2-Propanone)	TX	4315	10107207
Acrolein (Propenal)	TX	4325	10107207
Acrylonitrile	TX	4340	10107207
Benzene	TX	4375	10107207
Bromodichloromethane	TX	4395	10107207
Bromoform	TX	4400	10107207
Carbon tetrachloride	TX	4455	10107207
Chlorobenzene	TX	4475	10107207
Chlorodibromomethane	TX	4575	10107207
Chloroethane (Ethyl chloride)	TX	4485	10107207
Chloroform	TX	4505	10107207

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Matrix: ***Non-Potable Water***

cis-1,2-Dichloroethylene	TX	4645	10107207
cis-1,3-Dichloropropene	TX	4680	10107207
Ethylbenzene	TX	4765	10107207
m+p-xylene	TX	5240	10107207
Methyl bromide (Bromomethane)	TX	4950	10107207
Methyl chloride (Chloromethane)	TX	4960	10107207
Methyl tert-butyl ether (MTBE)	TX	5000	10107207
Methylene chloride (Dichloromethane)	TX	4975	10107207
Naphthalene	TX	5005	10107207
o-Xylene	TX	5250	10107207
Tetrachloroethylene (Perchloroethylene)	TX	5115	10107207
Toluene	TX	5140	10107207
Total trihalomethanes	TX	5205	10107207
trans-1,2-Dichloroethylene	TX	4700	10107207
trans-1,3-Dichloropropylene	TX	4685	10107207
Trichloroethene (Trichloroethylene)	TX	5170	10107207
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	TX	5175	10107207
Vinyl chloride	TX	5235	10107207
Xylene (total)	TX	5260	10107207

Method EPA 625

Analyte	AB	Analyte ID	Method ID
1,2,4,5-Tetrachlorobenzene	TX	6715	10107401
1,2,4-Trichlorobenzene	TX	5155	10107401
1,2-Dichlorobenzene	TX	4610	10107401
1,2-Diphenylhydrazine	TX	6220	10107401
1,3-Dichlorobenzene	TX	4615	10107401
1,4-Dichlorobenzene	TX	4620	10107401
2,3,4,6-Tetrachlorophenol	TX	6735	10107401
2,4,5-Trichlorophenol	TX	6835	10107401
2,4,6-Trichlorophenol	TX	6840	10107401

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Matrix: ***Non-Potable Water***

2,4-Dichlorophenol	TX	6000	10107401
2,4-Dimethylphenol	TX	6130	10107401
2,4-Dinitrophenol	TX	6175	10107401
2,4-Dinitrotoluene (2,4-DNT)	TX	6185	10107401
2,6-Dinitrotoluene (2,6-DNT)	TX	6190	10107401
2-Chloronaphthalene	TX	5795	10107401
2-Chlorophenol	TX	5800	10107401
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	TX	6360	10107401
2-Methylphenol (o-Cresol)	TX	6400	10107401
2-Nitrophenol	TX	6490	10107401
3,3'-Dichlorobenzidine	TX	5945	10107401
4-Bromophenyl phenyl ether (BDE-3)	TX	5660	10107401
4-Chloro-3-methylphenol	TX	5700	10107401
4-Chlorophenyl phenylether	TX	5825	10107401
4-Methylphenol (p-Cresol)	TX	6410	10107401
4-Nitrophenol	TX	6500	10107401
Acenaphthene	TX	5500	10107401
Acenaphthylene	TX	5505	10107401
Anthracene	TX	5555	10107401
Benzidine	TX	5595	10107401
Benzo(a)anthracene	TX	5575	10107401
Benzo(a)pyrene	TX	5580	10107401
Benzo(b)fluoranthene	TX	5585	10107401
Benzo(g,h,i)perylene	TX	5590	10107401
Benzo(k)fluoranthene	TX	5600	10107401
bis(2-Chloroethoxy)methane	TX	5760	10107401
bis(2-Chloroethyl) ether	TX	5765	10107401
bis(2-Chloroisopropyl) ether	TX	5780	10107401
bis(2-Ethylhexyl) phthalate (Di(2-Ethylhexyl) phthalate, DEHP)	TX	6065	10107401
Butyl benzyl phthalate	TX	5670	10107401

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Matrix: ***Non-Potable Water***

Chrysene	TX	5855	10107401
Dibenz(a,h) anthracene	TX	5895	10107401
Diethyl phthalate	TX	6070	10107401
Dimethyl phthalate	TX	6135	10107401
Di-n-butyl phthalate	TX	5925	10107401
Di-n-octyl phthalate	TX	6200	10107401
Fluoranthene	TX	6265	10107401
Fluorene	TX	6270	10107401
Hexachlorobenzene	TX	6275	10107401
Hexachlorobutadiene	TX	4835	10107401
Hexachlorocyclopentadiene	TX	6285	10107401
Hexachloroethane	TX	4840	10107401
Indeno(1,2,3-cd) pyrene	TX	6315	10107401
Isophorone	TX	6320	10107401
Naphthalene	TX	5005	10107401
Nitrobenzene	TX	5015	10107401
n-Nitrosodiethylamine	TX	6525	10107401
n-Nitrosodimethylamine	TX	6530	10107401
n-Nitrosodi-n-butylamine	TX	5025	10107401
n-Nitrosodi-n-propylamine	TX	6545	10107401
n-Nitrosodiphenylamine	TX	6535	10107401
Pentachlorobenzene	TX	6590	10107401
Pentachlorophenol	TX	6605	10107401
Phenanthrene	TX	6615	10107401
Phenol	TX	6625	10107401
Pyrene	TX	6665	10107401
Pyridine	TX	5095	10107401

Method EPA 7196

Analyte	**AB**	**Analyte ID**	**Method ID**
Chromium (VI)	TX	1045	10162400

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Matrix: ***Non-Potable Water***

Method EPA 7470

Analyte	AB	Analyte ID	Method ID
Mercury	TX	1095	10165807

Method EPA 7471

Analyte	AB	Analyte ID	Method ID
Mercury	TX	1095	10166208

Method EPA 8021

Analyte	AB	Analyte ID	Method ID
Benzene	TX	4375	10174808
Ethylbenzene	TX	4765	10174808
m+p-xylene	TX	5240	10174808
Methyl tert-butyl ether (MTBE)	TX	5000	10174808
o-Xylene	TX	5250	10174808
Styrene	TX	5100	10174400
Toluene	TX	5140	10174808
Xylene (total)	TX	5260	10174808

Method EPA 8081

Analyte	AB	Analyte ID	Method ID
4,4'-DDD	TX	7355	10178606
4,4'-DDE	TX	7360	10178606
4,4'-DDT	TX	7365	10178606
Aldrin	TX	7025	10178606
alpha-BHC (alpha-Hexachlorocyclohexane)	TX	7110	10178606
alpha-Chlordane	TX	7240	10178606
beta-BHC (beta-Hexachlorocyclohexane)	TX	7115	10178606
Chlordane (tech.)	TX	7250	10178606
delta-BHC (delta-Hexachlorocyclohexane)	TX	7105	10178606
Dieldrin	TX	7470	10178606
Endosulfan I	TX	7510	10178606
Endosulfan II	TX	7515	10178606
Endosulfan sulfate	TX	7520	10178606

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Matrix: *Non-Potable Water*

Endrin	TX	7540	10178606
Endrin aldehyde	TX	7530	10178606
Endrin ketone	TX	7535	10178606
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	TX	7120	10178606
gamma-Chlordane	TX	7245	10178606
Heptachlor	TX	7685	10178606
Heptachlor epoxide	TX	7690	10178606
Methoxychlor	TX	7810	10178606
Toxaphene (Chlorinated camphene)	TX	8250	10178606

Method EPA 8082

Analyte	**AB**	**Analyte ID**	**Method ID**
Aroclor-1016 (PCB-1016)	TX	8880	10179007
Aroclor-1221 (PCB-1221)	TX	8885	10179007
Aroclor-1232 (PCB-1232)	TX	8890	10179007
Aroclor-1242 (PCB-1242)	TX	8895	10179007
Aroclor-1248 (PCB-1248)	TX	8900	10179007
Aroclor-1254 (PCB-1254)	TX	8905	10179007
Aroclor-1260 (PCB-1260)	TX	8910	10179007

Method EPA 8260

Analyte	**AB**	**Analyte ID**	**Method ID**
1,1,1,2-Tetrachloroethane	TX	5105	10184802
1,1,1-Trichloroethane	TX	5160	10184802
1,1,2,2-Tetrachloroethane	TX	5110	10184802
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	TX	5195	10184802
1,1,2-Trichloroethane	TX	5165	10184802
1,1-Dichloroethane	TX	4630	10184802
1,1-Dichloroethylene	TX	4640	10184802
1,1-Dichloropropene	TX	4670	10184802
1,2,3-Trichlorobenzene	TX	5150	10184802
1,2,3-Trichloropropane	TX	5180	10184802
1,2,4-Trichlorobenzene	TX	5155	10184802

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Matrix: *Non-Potable Water*

1,2,4-Trimethylbenzene	TX	5210	10184802
1,2-Dibromo-3-chloropropane (DBCP)	TX	4570	10184802
1,2-Dibromoethane (EDB, Ethylene dibromide)	TX	4585	10184802
1,2-Dichlorobenzene	TX	4610	10184802
1,2-Dichloroethane (Ethylene dichloride)	TX	4635	10184802
1,2-Dichloropropane	TX	4655	10184802
1,3,5-Trimethylbenzene	TX	5215	10184802
1,3-Dichlorobenzene	TX	4615	10184802
1,3-Dichloropropane	TX	4660	10184802
1,4-Dichlorobenzene	TX	4620	10184802
1,4-Dioxane (1,4-Diethyleneoxide)	TX	4735	10184802
1-Chlorohexane	TX	4510	10184802
2,2-Dichloropropane	TX	4665	10184802
2-Butanone (Methyl ethyl ketone, MEK)	TX	4410	10184802
2-Chloroethyl vinyl ether	TX	4500	10184802
2-Chlorotoluene	TX	4535	10184802
2-Hexanone (MBK)	TX	4860	10184802
2-Nitropropane	TX	5020	10184802
4-Chlorotoluene	TX	4540	10184802
4-Isopropyltoluene (p-Cymene)	TX	4915	10184802
4-Methyl-2-pentanone (MIBK)	TX	4995	10184802
Acetone (2-Propanone)	TX	4315	10184802
Acetonitrile	TX	4320	10184802
Acrolein (Propenal)	TX	4325	10184802
Acrylonitrile	TX	4340	10184802
Allyl chloride (3-Chloropropene)	TX	4355	10184802
Benzene	TX	4375	10184802
Benzyl chloride	TX	5635	10184802
Bromobenzene	TX	4385	10184802
Bromochloromethane	TX	4390	10184802

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NELAP - Recognized Laboratory Fields of Accreditation

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Issue Date: 4/1/2015

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Matrix: *Non-Potable Water*

Bromodichloromethane	TX	4395	10184802
Bromoform	TX	4400	10184802
Carbon disulfide	TX	4450	10184802
Carbon tetrachloride	TX	4455	10184802
Chlorobenzene	TX	4475	10184802
Chlorodibromomethane	TX	4575	10184802
Chloroethane (Ethyl chloride)	TX	4485	10184802
Chloroform	TX	4505	10184802
Chloroprene (2-Chloro-1,3-butadiene)	TX	4525	10184802
cis-1,2-Dichloroethylene	TX	4645	10184802
cis-1,3-Dichloropropene	TX	4680	10184802
cis-1,4-Dichloro-2-butene	TX	4600	10184802
Dibromofluoromethane	TX	4590	10184802
Dibromomethane (Methylene bromide)	TX	4595	10184802
Dichlorodifluoromethane (Freon-12)	TX	4625	10184802
Diethyl ether	TX	4725	10184802
Ethyl acetate	TX	4755	10184802
Ethyl methacrylate	TX	4810	10184802
Ethylbenzene	TX	4765	10184802
Ethylene oxide	TX	4795	10184802
Hexachlorobutadiene	TX	4835	10184802
Iodomethane (Methyl iodide)	TX	4870	10184802
Isobutyl alcohol (2-Methyl-1-propanol)	TX	4875	10184802
Isopropylbenzene (Cumene)	TX	4900	10184802
m+p-xylene	TX	5240	10184802
Methacrylonitrile	TX	4925	10184802
Methyl bromide (Bromomethane)	TX	4950	10184802
Methyl chloride (Chloromethane)	TX	4960	10184802
Methyl methacrylate	TX	4990	10184802
Methyl tert-butyl ether (MTBE)	TX	5000	10184802

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Matrix: ***Non-Potable Water***

Methylene chloride (Dichloromethane)	TX	4975	10184802
Naphthalene	TX	5005	10184802
n-Butylbenzene	TX	4435	10184802
n-Propylbenzene	TX	5090	10184802
o-Xylene	TX	5250	10184802
Pentachloroethane	TX	5035	10184802
Propionitrile (Ethyl cyanide)	TX	5080	10184802
sec-Butylbenzene	TX	4440	10184802
Styrene	TX	5100	10184802
tert-Butylbenzene	TX	4445	10184802
Tetrachloroethylene (Perchloroethylene)	TX	5115	10184802
Toluene	TX	5140	10184802
Total trihalomethanes	TX	5205	10184802
trans-1,2-Dichloroethylene	TX	4700	10184802
trans-1,3-Dichloropropylene	TX	4685	10184802
trans-1,4-Dichloro-2-butene	TX	4605	10184802
Trichloroethene (Trichloroethylene)	TX	5170	10184802
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	TX	5175	10184802
Vinyl acetate	TX	5225	10184802
Vinyl chloride	TX	5235	10184802
Xylene (total)	TX	5260	10184802

Method EPA 8270

Analyte	**AB**	**Analyte ID**	**Method ID**
1,2,4,5-Tetrachlorobenzene	TX	6715	10185805
1,2,4-Trichlorobenzene	TX	5155	10185805
1,2-Dichlorobenzene	TX	4610	10185805
1,2-Diphenylhydrazine	TX	6220	10185805
1,3-Dichlorobenzene	TX	4615	10185805
1,4-Dichlorobenzene	TX	4620	10185805
2,3,4,6-Tetrachlorophenol	TX	6735	10185805

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Matrix: *Non-Potable Water*

2,4,5-Trichlorophenol	TX	6835	10185805
2,4,6-Trichlorophenol	TX	6840	10185805
2,4-Dichlorophenol	TX	6000	10185805
2,4-Dimethylphenol	TX	6130	10185805
2,4-Dinitrophenol	TX	6175	10185805
2,4-Dinitrotoluene (2,4-DNT)	TX	6185	10185805
2,6-Dichlorophenol	TX	6005	10185805
2,6-Dinitrotoluene (2,6-DNT)	TX	6190	10185805
2-Chloronaphthalene	TX	5795	10185805
2-Chlorophenol	TX	5800	10185805
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	TX	6360	10185805
2-Methylaniline (o-Toluidine)	TX	5145	10185805
2-Methylnaphthalene	TX	6385	10185805
2-Methylphenol (o-Cresol)	TX	6400	10185805
2-Nitroaniline	TX	6460	10185805
2-Nitrophenol	TX	6490	10185805
3,3'-Dichlorobenzidine	TX	5945	10185805
3-Methylcholanthrene	TX	6355	10185805
3-Methylphenol (m-Cresol)	TX	6405	10185805
3-Nitroaniline	TX	6465	10185805
4-Bromophenyl phenyl ether (BDE-3)	TX	5660	10185805
4-Chloro-3-methylphenol	TX	5700	10185805
4-Chloroaniline	TX	5745	10185805
4-Chlorophenyl phenylether	TX	5825	10185805
4-Methylphenol (p-Cresol)	TX	6410	10185805
4-Nitroaniline	TX	6470	10185805
4-Nitrophenol	TX	6500	10185805
7,12-Dimethylbenz(a) anthracene	TX	6115	10185805
Acenaphthene	TX	5500	10185805
Acenaphthylene	TX	5505	10185805

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Matrix: *Non-Potable Water*

Acetophenone	TX	5510	10185805
Aniline	TX	5545	10185805
Anthracene	TX	5555	10185805
Azobenzene	TX	5562	10185805
Benzenethiol (Thiophenol)	TX	6750	10185805
Benzidine	TX	5595	10185805
Benzo(a)anthracene	TX	5575	10185805
Benzo(a)pyrene	TX	5580	10185805
Benzo(b)fluoranthene	TX	5585	10185805
Benzo(g,h,i)perylene	TX	5590	10185805
Benzo(k)fluoranthene	TX	5600	10185805
Benzoic acid	TX	5610	10185805
Benzyl alcohol	TX	5630	10185805
Biphenyl	TX	5640	10185805
bis(2-Chloroethoxy)methane	TX	5760	10185805
bis(2-Chloroethyl) ether	TX	5765	10185805
bis(2-Chloroisopropyl) ether	TX	5780	10185805
bis(2-Ethylhexyl) phthalate (Di(2-Ethylhexyl) phthalate, DEHP)	TX	6065	10185805
Butyl benzyl phthalate	TX	5670	10185805
Carbazole	TX	5680	10185805
Chrysene	TX	5855	10185805
Dibenz(a,h) anthracene	TX	5895	10185805
Dibenz(a,j) acridine	TX	5900	10185805
Dibenzo(a,e) pyrene	TX	5890	10185805
Dibenzofuran	TX	5905	10185805
Diethyl phthalate	TX	6070	10185805
Dimethyl phthalate	TX	6135	10185805
Di-n-butyl phthalate	TX	5925	10185805
Di-n-octyl phthalate	TX	6200	10185805
Diphenylamine	TX	6205	10185805

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Matrix: ***Non-Potable Water***

Fluoranthene	TX	6265	10185805
Fluorene	TX	6270	10185805
Hexachlorobenzene	TX	6275	10185805
Hexachlorobutadiene	TX	4835	10185805
Hexachlorocyclopentadiene	TX	6285	10185805
Hexachloroethane	TX	4840	10185805
Hexachloropropene	TX	6295	10185805
Indeno(1,2,3-cd) pyrene	TX	6315	10185805
Isophorone	TX	6320	10185805
Naphthalene	TX	5005	10185805
Nitrobenzene	TX	5015	10185805
n-Nitrosodiethylamine	TX	6525	10185805
n-Nitrosodimethylamine	TX	6530	10185805
n-Nitrosodi-n-butylamine	TX	5025	10185805
n-Nitrosodi-n-propylamine	TX	6545	10185805
n-Nitrosodiphenylamine	TX	6535	10185805
Pentachlorobenzene	TX	6590	10185805
Pentachloronitrobenzene (PCNB)	TX	6600	10185805
Pentachlorophenol	TX	6605	10185805
Phenanthrene	TX	6615	10185805
Phenol	TX	6625	10185805
Pyrene	TX	6665	10185805
Pyridine	TX	5095	10185805
Quinoline	TX	6670	10185805

Method EPA 9040

Analyte	**AB**	**Analyte ID**	**Method ID**
pH	TX	1900	10197203

Method EPA 9050

Analyte	**AB**	**Analyte ID**	**Method ID**
Conductivity	TX	1610	10198808

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Matrix: ***Non-Potable Water***

Method EPA 9056

Analyte	AB	Analyte ID	Method ID
Bromide	TX	1540	10199209
Chloride	TX	1575	10199209
Nitrate as N	TX	1810	10199209
Nitrate-nitrite	TX	1820	10199209
Nitrite as N	TX	1840	10199209
Sulfate	TX	2000	10199209

Method EPA 9060

Analyte	AB	Analyte ID	Method ID
Total Organic Carbon (TOC)	TX	2040	10200201

Method EPA 9251

Analyte	AB	Analyte ID	Method ID
Chloride	TX	1575	10207406

Method HACH 8000

Analyte	AB	Analyte ID	Method ID
Chemical oxygen demand (COD)	TX	1565	60003001

Method SM 2120 B

Analyte	AB	Analyte ID	Method ID
Color	TX	1605	20223807

Method SM 2130 B

Analyte	AB	Analyte ID	Method ID
Turbidity	TX	2055	20042200

Method SM 2320 B

Analyte	AB	Analyte ID	Method ID
Alkalinity as CaCO3	TX	1505	20045005

Method SM 2340 B

Analyte	AB	Analyte ID	Method ID
Total hardness as CaCO3	TX	1755	20046008

Method SM 2510 B

Analyte	AB	Analyte ID	Method ID

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Matrix: *Non-Potable Water*

Conductivity	TX	1610	20048004
Method SM 2540 B			
Analyte	**AB**	**Analyte ID**	**Method ID**
Residue-total (total solids)	TX	1950	20004608
Method SM 2540 C			
Analyte	**AB**	**Analyte ID**	**Method ID**
Residue-filterable (TDS)	TX	1955	20049803
Method SM 2540 D			
Analyte	**AB**	**Analyte ID**	**Method ID**
Residue-nonfilterable (TSS)	TX	1960	20004802
Method SM 3500-Cr B			
Analyte	**AB**	**Analyte ID**	**Method ID**
Chromium (VI)	TX	1045	20065809
Method SM 4500-Cl F			
Analyte	**AB**	**Analyte ID**	**Method ID**
Total residual chlorine	TX	1940	20080482
Method SM 4500-Cl^- E			
Analyte	**AB**	**Analyte ID**	**Method ID**
Chloride	TX	1575	20019209
Method SM 4500-CN^- E			
Analyte	**AB**	**Analyte ID**	**Method ID**
Total Cyanide	TX	1635	20021209
Method SM 4500-F^- C			
Analyte	**AB**	**Analyte ID**	**Method ID**
Fluoride	TX	1730	20101808
Method SM 4500-H+ B			
Analyte	**AB**	**Analyte ID**	**Method ID**
pH	TX	1900	20104603
Method SM 4500-NH3 B			
Analyte	**AB**	**Analyte ID**	**Method ID**
Ammonia as N	TX	1515	20022804

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Matrix: *Non-Potable Water*

Method SM 4500-NH3 G			
Analyte	**AB**	**Analyte ID**	**Method ID**
Ammonia as N	TX	1515	20023205

Method SM 4500-$S2^-$ D			
Analyte	**AB**	**Analyte ID**	**Method ID**
Sulfide	TX	2005	20125400

Method SM 4500-$SO3^-$ B			
Analyte	**AB**	**Analyte ID**	**Method ID**
Sulfite	TX	2015	20026806

Method SM 5210 B			
Analyte	**AB**	**Analyte ID**	**Method ID**
Biochemical oxygen demand (BOD)	TX	1530	20027401
Carbonaceous BOD, CBOD	TX	1555	20027401

Method SM 5310 B			
Analyte	**AB**	**Analyte ID**	**Method ID**
Total Organic Carbon (TOC)	TX	2040	20137206

Method SM 5540 C			
Analyte	**AB**	**Analyte ID**	**Method ID**
Surfactants - MBAS	TX	2025	20144405

Method TCEQ 1005			
Analyte	**AB**	**Analyte ID**	**Method ID**
Total Petroleum Hydrocarbons (TPH)	TX	2050	90019208

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Matrix: ***Solid & Chemical Materials***

Method	Analyte	AB	Analyte ID	Method ID
EPA 1010	Ignitability	TX	1780	10116606
EPA 1110	Corrosivity	TX	1615	10118000
EPA 1311	TCLP	TX	849	10118806
EPA 1312	SPLP	TX	850	10119003
EPA 350.1	Ammonia as N	TX	1515	10063408
EPA 6010	Aluminum	TX	1000	10155609
	Antimony	TX	1005	10155609
	Arsenic	TX	1010	10155609
	Barium	TX	1015	10155609
	Beryllium	TX	1020	10155609
	Boron	TX	1025	10155609
	Cadmium	TX	1030	10155609
	Calcium	TX	1035	10155609
	Chromium	TX	1040	10155609
	Cobalt	TX	1050	10155609
	Copper	TX	1055	10155609
	Iron	TX	1070	10155609
	Lead	TX	1075	10155609
	Lithium	TX	1080	10155609

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Matrix: ***Solid & Chemical Materials***

Magnesium	TX	1085	10155609
Manganese	TX	1090	10155609
Molybdenum	TX	1100	10155609
Nickel	TX	1105	10155609
Phosphorus	TX	1910	10155609
Potassium	TX	1125	10155609
Selenium	TX	1140	10155609
Silica as SiO2	TX	1990	10155609
Silver	TX	1150	10155609
Sodium	TX	1155	10155609
Strontium	TX	1160	10155609
Thallium	TX	1165	10155609
Tin	TX	1175	10155609
Titanium	TX	1180	10155609
Vanadium	TX	1185	10155609
Zinc	TX	1190	10155609

Method EPA 6020

Analyte	AB	Analyte ID	Method ID
Aluminum	TX	1000	10156204
Antimony	TX	1005	10156204
Arsenic	TX	1010	10156204
Barium	TX	1015	10156204
Beryllium	TX	1020	10156204
Boron	TX	1025	10156204
Cadmium	TX	1030	10156204
Calcium	TX	1035	10156204
Chromium	TX	1040	10156204
Cobalt	TX	1050	10156204
Copper	TX	1055	10156204
Iron	TX	1070	10156204

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Matrix: ***Solid & Chemical Materials***

Lead	TX	1075	10156204
Lithium	TX	1080	10156204
Magnesium	TX	1085	10156204
Manganese	TX	1090	10156204
Molybdenum	TX	1100	10156204
Nickel	TX	1105	10156204
Potassium	TX	1125	10156204
Selenium	TX	1140	10156204
Silver	TX	1150	10156204
Sodium	TX	1155	10156204
Strontium	TX	1160	10156204
Thallium	TX	1165	10156204
Tin	TX	1175	10156204
Titanium	TX	1180	10156204
Vanadium	TX	1185	10156204
Zinc	TX	1190	10156204

Method EPA 7471

Analyte	**AB**	**Analyte ID**	**Method ID**
Mercury	TX	1095	10166208

Method EPA 8082

Analyte	**AB**	**Analyte ID**	**Method ID**
Aroclor-1016 (PCB-1016)	TX	8880	10179007
Aroclor-1221 (PCB-1221)	TX	8885	10179007
Aroclor-1232 (PCB-1232)	TX	8890	10179007
Aroclor-1242 (PCB-1242)	TX	8895	10179007
Aroclor-1248 (PCB-1248)	TX	8900	10179007
Aroclor-1254 (PCB-1254)	TX	8905	10179007
Aroclor-1260 (PCB-1260)	TX	8910	10179007

Method EPA 8260

Analyte	**AB**	**Analyte ID**	**Method ID**
1,1,1,2-Tetrachloroethane	TX	5105	10184802

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Matrix: ***Solid & Chemical Materials***

1,1,1-Trichloroethane	TX	5160	10184802
1,1,2,2-Tetrachloroethane	TX	5110	10184802
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	TX	5195	10184802
1,1,2-Trichloroethane	TX	5165	10184802
1,1-Dichloroethane	TX	4630	10184802
1,1-Dichloroethylene	TX	4640	10184802
1,1-Dichloropropene	TX	4670	10184802
1,2,3-Trichlorobenzene	TX	5150	10184802
1,2,3-Trichloropropane	TX	5180	10184802
1,2,4-Trichlorobenzene	TX	5155	10184802
1,2,4-Trimethylbenzene	TX	5210	10184802
1,2-Dibromo-3-chloropropane (DBCP)	TX	4570	10184802
1,2-Dibromoethane (EDB, Ethylene dibromide)	TX	4585	10184802
1,2-Dichlorobenzene	TX	4610	10184802
1,2-Dichloroethane (Ethylene dichloride)	TX	4635	10184802
1,2-Dichloropropane	TX	4655	10184802
1,3,5-Trimethylbenzene	TX	5215	10184802
1,3-Dichlorobenzene	TX	4615	10184802
1,3-Dichloropropane	TX	4660	10184802
1,4-Dichlorobenzene	TX	4620	10184802
1,4-Dioxane (1,4-Diethyleneoxide)	TX	4735	10184802
1-Chlorohexane	TX	4510	10184802
2,2-Dichloropropane	TX	4665	10184802
2-Butanone (Methyl ethyl ketone, MEK)	TX	4410	10184802
2-Chloroethyl vinyl ether	TX	4500	10184802
2-Chlorotoluene	TX	4535	10184802
2-Hexanone (MBK)	TX	4860	10184802
2-Nitropropane	TX	5020	10184802
4-Chlorotoluene	TX	4540	10184802
4-Isopropyltoluene (p-Cymene)	TX	4915	10184802

Texas Commission on Environmental Quality

NELAP - Recognized Laboratory Fields of Accreditation

Certificate: T104704210-15-14

TestAmerica Laboratories, Inc. - Corpus Christi
Expiration Date: 3/31/2016

1733 North Padre Island Drive
Corpus Christi, TX 78408-2329
Issue Date: 4/1/2015

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Matrix: ***Solid & Chemical Materials***

4-Methyl-2-pentanone (MIBK)	TX	4995	10184802
Acetone (2-Propanone)	TX	4315	10184802
Acetonitrile	TX	4320	10184802
Acrolein (Propenal)	TX	4325	10184802
Acrylonitrile	TX	4340	10184802
Allyl chloride (3-Chloropropene)	TX	4355	10184802
Benzene	TX	4375	10184802
Benzyl chloride	TX	5635	10184802
Bromobenzene	TX	4385	10184802
Bromochloromethane	TX	4390	10184802
Bromodichloromethane	TX	4395	10184802
Bromoform	TX	4400	10184802
Carbon disulfide	TX	4450	10184802
Carbon tetrachloride	TX	4455	10184802
Chlorobenzene	TX	4475	10184802
Chlorodibromomethane	TX	4575	10184802
Chloroethane (Ethyl chloride)	TX	4485	10184802
Chloroform	TX	4505	10184802
Chloroprene (2-Chloro-1,3-butadiene)	TX	4525	10184802
cis-1,2-Dichloroethylene	TX	4645	10184802
cis-1,3-Dichloropropene	TX	4680	10184802
cis-1,4-Dichloro-2-butene	TX	4600	10184802
Dibromofluoromethane	TX	4590	10184802
Dibromomethane (Methylene bromide)	TX	4595	10184802
Dichlorodifluoromethane (Freon-12)	TX	4625	10184802
Diethyl ether	TX	4725	10184802
Ethyl acetate	TX	4755	10184802
Ethyl methacrylate	TX	4810	10184802
Ethylbenzene	TX	4765	10184802
Ethylene oxide	TX	4795	10184802

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Matrix: *Solid & Chemical Materials*

Hexachlorobutadiene	TX	4835	10184802
Iodomethane (Methyl iodide)	TX	4870	10184802
Isobutyl alcohol (2-Methyl-1-propanol)	TX	4875	10184802
Isopropylbenzene (Cumene)	TX	4900	10184802
m+p-xylene	TX	5240	10184802
Methacrylonitrile	TX	4925	10184802
Methyl bromide (Bromomethane)	TX	4950	10184802
Methyl chloride (Chloromethane)	TX	4960	10184802
Methyl methacrylate	TX	4990	10184802
Methyl tert-butyl ether (MTBE)	TX	5000	10184802
Methylene chloride (Dichloromethane)	TX	4975	10184802
Naphthalene	TX	5005	10184802
n-Butylbenzene	TX	4435	10184802
n-Propylbenzene	TX	5090	10184802
o-Xylene	TX	5250	10184802
Pentachloroethane	TX	5035	10184802
Propionitrile (Ethyl cyanide)	TX	5080	10184802
sec-Butylbenzene	TX	4440	10184802
Styrene	TX	5100	10184802
tert-Butylbenzene	TX	4445	10184802
Tetrachloroethylene (Perchloroethylene)	TX	5115	10184802
Toluene	TX	5140	10184802
trans-1,2-Dichloroethylene	TX	4700	10184802
trans-1,3-Dichloropropylene	TX	4685	10184802
trans-1,4-Dichloro-2-butene	TX	4605	10184802
Trichloroethene (Trichloroethylene)	TX	5170	10184802
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	TX	5175	10184802
Vinyl acetate	TX	5225	10184802
Vinyl chloride	TX	5235	10184802
Xylene (total)	TX	5260	10184802

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Matrix: ***Solid & Chemical Materials***

Method EPA 8270

Analyte	AB	Analyte ID	Method ID
1,2,4,5-Tetrachlorobenzene	TX	6715	10185805
1,2,4-Trichlorobenzene	TX	5155	10185805
1,2-Dichlorobenzene	TX	4610	10185805
1,2-Diphenylhydrazine	TX	6220	10185805
1,3-Dichlorobenzene	TX	4615	10185805
1,4-Dichlorobenzene	TX	4620	10185805
2,3,4,6-Tetrachlorophenol	TX	6735	10185805
2,4,5-Trichlorophenol	TX	6835	10185805
2,4,6-Trichlorophenol	TX	6840	10185805
2,4-Dichlorophenol	TX	6000	10185805
2,4-Dimethylphenol	TX	6130	10185805
2,4-Dinitrophenol	TX	6175	10185805
2,4-Dinitrotoluene (2,4-DNT)	TX	6185	10185805
2,6-Dichlorophenol	TX	6005	10185805
2,6-Dinitrotoluene (2,6-DNT)	TX	6190	10185805
2-Chloronaphthalene	TX	5795	10185805
2-Chlorophenol	TX	5800	10185805
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	TX	6360	10185805
2-Methylnaphthalene	TX	6385	10185805
2-Methylphenol (o-Cresol)	TX	6400	10185805
2-Nitroaniline	TX	6460	10185805
2-Nitrophenol	TX	6490	10185805
3,3'-Dichlorobenzidine	TX	5945	10185805
3-Methylcholanthrene	TX	6355	10185805
3-Methylphenol (m-Cresol)	TX	6405	10185805
3-Nitroaniline	TX	6465	10185805
4-Bromophenyl phenyl ether (BDE-3)	TX	5660	10185805
4-Chloro-3-methylphenol	TX	5700	10185805

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Matrix: *Solid & Chemical Materials*

4-Chloroaniline	TX	5745	10185805
4-Chlorophenyl phenylether	TX	5825	10185805
4-Methylphenol (p-Cresol)	TX	6410	10185805
4-Nitroaniline	TX	6470	10185805
4-Nitrophenol	TX	6500	10185805
7,12-Dimethylbenz(a) anthracene	TX	6115	10185805
Acenaphthene	TX	5500	10185805
Acenaphthylene	TX	5505	10185805
Acetophenone	TX	5510	10185805
Aniline	TX	5545	10185805
Anthracene	TX	5555	10185805
Azobenzene	TX	5562	10185805
Benzenethiol (Thiophenol)	TX	6750	10185805
Benzidine	TX	5595	10185805
Benzo(a)anthracene	TX	5575	10185805
Benzo(a)pyrene	TX	5580	10185805
Benzo(b)fluoranthene	TX	5585	10185805
Benzo(g,h,i)perylene	TX	5590	10185805
Benzo(k)fluoranthene	TX	5600	10185805
Benzoic acid	TX	5610	10185805
Benzyl alcohol	TX	5630	10185805
Biphenyl	TX	5640	10185805
bis(2-Chloroethoxy)methane	TX	5760	10185805
bis(2-Chloroethyl) ether	TX	5765	10185805
bis(2-Chloroisopropyl) ether	TX	5780	10185805
bis(2-Ethylhexyl) phthalate (Di(2-Ethylhexyl) phthalate, DEHP)	TX	6065	10185805
Butyl benzyl phthalate	TX	5670	10185805
Carbazole	TX	5680	10185805
Chrysene	TX	5855	10185805
Dibenz(a,h) anthracene	TX	5895	10185805

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Matrix: ***Solid & Chemical Materials***

Dibenz(a,j) acridine	TX	5900	10185805
Dibenzo(a,e) pyrene	TX	5890	10186002
Dibenzofuran	TX	5905	10185805
Diethyl phthalate	TX	6070	10185805
Dimethyl phthalate	TX	6135	10185805
Di-n-butyl phthalate	TX	5925	10185805
Di-n-octyl phthalate	TX	6200	10185805
Diphenylamine	TX	6205	10185805
Fluoranthene	TX	6265	10185805
Fluorene	TX	6270	10185805
Hexachlorobenzene	TX	6275	10185805
Hexachlorobutadiene	TX	4835	10185805
Hexachlorocyclopentadiene	TX	6285	10185805
Hexachloroethane	TX	4840	10185805
Hexachloropropene	TX	6295	10185805
Indeno(1,2,3-cd) pyrene	TX	6315	10185805
Isophorone	TX	6320	10185805
Naphthalene	TX	5005	10185805
Nitrobenzene	TX	5015	10185805
n-Nitrosodiethylamine	TX	6525	10185805
n-Nitrosodimethylamine	TX	6530	10185805
n-Nitrosodi-n-butylamine	TX	5025	10185805
n-Nitrosodi-n-propylamine	TX	6545	10185805
n-Nitrosodiphenylamine	TX	6535	10185805
Pentachlorobenzene	TX	6590	10185805
Pentachlorophenol	TX	6605	10185805
Phenanthrene	TX	6615	10185805
Phenol	TX	6625	10185805
Pyrene	TX	6665	10185805
Pyridine	TX	5095	10185805

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Matrix: *Solid & Chemical Materials*

Quinoline	TX	6670	10185805

Method EPA 9040

Analyte	**AB**	**Analyte ID**	**Method ID**
pH	TX	1900	10197203

Method EPA 9045

Analyte	**AB**	**Analyte ID**	**Method ID**
Corrosivity	TX	1615	10198400
pH	TX	1900	10198400

Method EPA 9050

Analyte	**AB**	**Analyte ID**	**Method ID**
Conductivity	TX	1610	10198808

Method EPA 9056

Analyte	**AB**	**Analyte ID**	**Method ID**
Bromide	TX	1540	10199209
Chloride	TX	1575	10199209
Nitrate as N	TX	1810	10199209
Nitrate-nitrite	TX	1820	10199209
Nitrite as N	TX	1840	10199209
Sulfate	TX	2000	10199209

Method EPA 9095

Analyte	**AB**	**Analyte ID**	**Method ID**
Paint Filter Liquids Test	TX	10312	10204203

Method EPA 9251

Analyte	**AB**	**Analyte ID**	**Method ID**
Chloride	TX	1575	10207406

Method SM 2320 B

Analyte	**AB**	**Analyte ID**	**Method ID**
Alkalinity as CaCO3	TX	1505	20045005

Method SM 2510 B

Analyte	**AB**	**Analyte ID**	**Method ID**
Conductivity	TX	1610	20048004

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Matrix: *Solid & Chemical Materials*

Method SM 2540 G			
Analyte	**AB**	**Analyte ID**	**Method ID**
Residue-total (total solids)	TX	1950	20005203
Method SSA/ASA Part 3:34			
Analyte	**AB**	**Analyte ID**	**Method ID**
Carbon, organic (Walkley-Black)	TX	10340	SSA/ASA Pt 3:34
Method TCEQ 1005			
Analyte	**AB**	**Analyte ID**	**Method ID**
Total Petroleum Hydrocarbons (TPH)	TX	2050	90019208

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APPENDIX B
LABORATORY ANALYTICAL REPORTS
LABORATORY REVIEW CHECKLISTS

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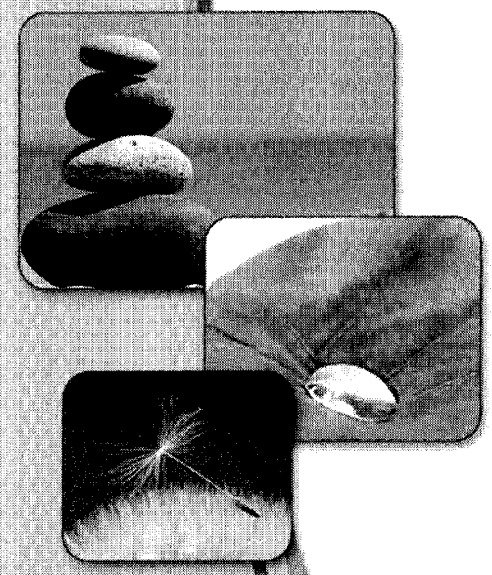


TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Tel: (361)289-2673

TestAmerica Job ID: 560-54250-1
Client Project/Site: Al Laredo

For:
Weston Solutions, Inc.
2705 Bee Cave Road
Suite 100
Austin, Texas 78746

Attn: Mr. Phil Bredfeldt

Authorized for release by:
4/24/2015 11:24:25 AM
Donnie Combs, Project Management Assistant I
(713)690-4444
donnie.combs@testamericainc.com

Designee for

John Cady, Manager of Project Management
(713)690-4444
john.cady@testamericainc.com

Qualifiers

Metals

Qualifier	Qualifier Description
N1	MS, MSD: Spike recovery exceeds upper or lower control limits.
U	Analyte was not detected at or above the SDL.

Glossary

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

Appendix A
Laboratory Data Package Cover Page - Page 1 of 4

This data package is for TestAmerica Corpus Christi job number 560-54250-1 and consists of:

- ☑ R1 - Field chain-of-custody documentation;
- ☑ R2 - Sample identification cross-reference;
- ☑ R3 - Test reports (analytical data sheets) for each environmental sample that includes:
  a. Items consistent with NELAC Chapter 5,
  b. dilution factors,
  c. preparation methods,
  d. cleanup methods, and
  e. if required for the project, tentatively identified compounds (TICs).
- ☐ R4 - Surrogate recovery data including:
  a. Calculated recovery (%R), and
  b. The laboratory's surrogate QC limits.
- ☑ R5 - Test reports/summary forms for blank samples;
- ☑ R6 - Test reports/summary forms for laboratory control samples (LCSs) including:
  a. LCS spiking amounts,
  b. Calculated %R for each analyte, and
  c. The laboratory's LCS QC limits.
- ☑ R7 - Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
  a. Samples associated with the MS/MSD clearly identified,
  b. MS/MSD spiking amounts,
  c. Concentration of each MS/MSD analyte measured in the parent and spiked samples,
  d. Calculated %Rs and relative percent differences (RPDs), and
  e. The laboratory's MS/MSD QC limits
- ☑ R8 - Laboratory analytical duplicate (if applicable) recovery and precision:
  a. The amount of analyte measured in the duplicate,
  b. The calculated RPD, and
  c. The laboratory's QC limits for analytical duplicates.
- ☑ R9 - List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix.
- ☑ R10 - Other problems or anomalies.

The Exception Report for each "No" or "Not Reviewed (NR)" item in Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Donnie Combs, for John Cady	Donnie Combs	4/24/2015
Name (printed)	Signature	Date

Manager of Project Management
Official Title (printed)

Laboratory Review Checklist: Reportable Data - Page 2 of 4

Laboratory Name:	TestAmerica Corpus Christi	LRC Date:	4/24/2015
Project Name:	Al Laredo	Laboratory Job Number:	560-54250-1
Reviewer Name:	Donnie Combs, for John Cady		

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**Chain-of-custody (C-O-C)**					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?	X				
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soils/solids samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, are TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			R07C
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference effects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review checklist: Supporting Data - Page 3 of 4

Laboratory Name:	TestAmerica Corpus Christi	LRC Date:	4/24/2015
Project Name:	Al Laredo	Laboratory Job Number:	560-54250-1
Reviewer Name:	Donnie Combs, for John Cady		

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?	X				
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICV and CCV) and continuing calibration blank (CCB):**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS)**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC Section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?	X				
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs)**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results**					
		Were percent recoveries within method QC limits?	X				
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	X				
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs)**					
		Are laboratory SOPs current and on file for each method performed?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review Checklist: Exception Reports - Page 4 of 4

Laboratory Name:	TestAmerica Corpus Christi	LRC Date:	4/24/2015
Project Name:	Al Laredo	Laboratory Job Number:	560-54250-1
Reviewer Name:	Donnie Combs, for John Cady		

ER #[1]	Description
R07C	Method 6010B: 560-54250-18 MS/MSD failed the recovery criteria for the following analyte(s): Antimony. Matrix interference is suspected.

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

TestAmerica - Corpus Christi
TRRP DCS EVALUATION SPREADSHEET

Matrix:	Solid
Method:	6010B
Prep Method:	3050B
Date Analyzed:	2/19/2015
Job #:	MDLV 560-52102-2
TALS Batch:	112974
Units:	mg/Kg

Analyte	Instrument #	MDL	DCS Spike	Measured Result	MQL
Ag	MTS6500	0.110	0.250	0.259	0.5
Al	MTS6500	3.070	5.000	7.886	5
As	MTS6500	0.145	0.250	0.187	2
B	MTS6500	0.414	1.000	1.043	10
Ba	MTS6500	0.189	0.250	0.276	1
Be	MTS6500	0.027	0.050	0.055	0.5
Ca	MTS6500	14.500	20.000	19.644	50
Cd	MTS6500	0.036	0.050	0.053	0.5
Co	MTS6500	0.028	0.050	0.059	1
Cr	MTS6500	0.134	0.250	0.286	1
Cu	MTS6500	0.201	0.500	0.570	2
Fe	MTS6500	5.000	10.000	9.463	20
K	MTS6500	15.200	25.000	23.707	100
Li	MTS6500	0.280	0.500	0.457	0.5
Mg	MTS6500	1.580	2.000	2.673	20
Mn	MTS6500	0.465	1.000	1.279	2.5
Mo	MTS6500	0.125	0.250	0.249	2
Na	MTS6500	15.100	20.000	16.742	100
Ni	MTS6500	0.124	0.250	0.272	2
P	MTS6500	1.660	2.000	1.876	50
Pb	MTS6500	0.152	0.250	0.332	0.5
Sb	MTS6500	0.267	0.500	0.537	2
Se	MTS6500	0.198	0.250	0.307	1
Si	MTS6500	6.320	10.000	10.114	20
Sn	MTS6500	1.840	4.000	4.448	10
Sr	MTS6500	0.078	0.100	0.119	1
Ti	MTS6500	0.125	0.250	0.240	1
Tl	MTS6500	0.119	0.250	0.021	1
V	MTS6500	0.050	0.100	0.125	1
Zn	MTS6500	0.570	1.000	1.049	2.5

DCS = Detection Check Standard
MQL = Method Quantitation Limit

Page 1 of 1

Case Narrative

Client: Weston Solutions, Inc.
Project/Site: Al Laredo

TestAmerica Job ID: 560-54250-1

Job ID: 560-54250-1

Laboratory: TestAmerica Corpus Christi

Narrative

Job Narrative
560-54250-1

Comments
No additional comments.

Receipt
The samples were received on 4/22/2015 9:40 AM; the samples arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 5.6° C.

Detection Summary

Client: Weston Solutions, Inc.
Project/Site: Al Laredo

TestAmerica Job ID: 560-54250-1

Client Sample ID: NUP-ROW-1 — Lab Sample ID: 560-54250-1

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	47.2		2.13	0.284	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-5 — Lab Sample ID: 560-54250-2

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	56.7		2.27	0.303	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-2 — Lab Sample ID: 560-54250-3

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	32.6		2.27	0.303	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-3 — Lab Sample ID: 560-54250-4

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	42.5		2.18	0.290	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-4 — Lab Sample ID: 560-54250-5

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	50.2		2.23	0.298	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-5-D — Lab Sample ID: 560-54250-6

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	47.9		2.20	0.294	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-6 — Lab Sample ID: 560-54250-7

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	2.97		2.05	0.273	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-7 — Lab Sample ID: 560-54250-8

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	4.66		2.05	0.273	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-8 — Lab Sample ID: 560-54250-9

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	3.02		2.11	0.281	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-9 — Lab Sample ID: 560-54250-10

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	3.69		2.12	0.282	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-10 — Lab Sample ID: 560-54250-11

This Detection Summary does not include radiochemical test results.

Client Sample ID: NUP-ROW-10 (Continued)

Lab Sample ID: 560-54250-11

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	3.41		2.06	0.275	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-11

Lab Sample ID: 560-54250-12

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	3.30		2.09	0.279	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-12

Lab Sample ID: 560-54250-13

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	2.97		1.91	0.255	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-13

Lab Sample ID: 560-54250-14

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	3.38		2.08	0.278	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-14

Lab Sample ID: 560-54250-15

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	2.40		2.15	0.287	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-16

Lab Sample ID: 560-54250-16

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	4.47		2.07	0.276	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-16-D

Lab Sample ID: 560-54250-17

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	4.29		1.84	0.246	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-17

Lab Sample ID: 560-54250-18

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	3.06		2.19	0.293	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: NUP-ROW-1

Lab Sample ID: 560-54250-1
Matrix: Solid
Percent Solids: 87.8

Date Collected: 04/20/15 15:27
Date Received: 04/22/15 09:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	47.2		2.13	0.284	mg/Kg	☼	04/22/15 13:30	04/23/15 18:18	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		0.10	0.10	%			04/22/15 15:59	1

Client Sample ID: NUP-ROW-5

Lab Sample ID: 560-54250-2
Matrix: Solid
Percent Solids: 86.5

Date Collected: 04/20/15 16:44
Date Received: 04/22/15 09:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	56.7		2.27	0.303	mg/Kg	☼	04/22/15 13:30	04/23/15 18:34	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14		0.10	0.10	%			04/22/15 15:59	1

Client Sample ID: NUP-ROW-2

Lab Sample ID: 560-54250-3
Matrix: Solid
Percent Solids: 87.4

Date Collected: 04/20/15 15:45
Date Received: 04/22/15 09:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	32.6		2.27	0.303	mg/Kg	☼	04/22/15 13:30	04/23/15 18:38	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	13		0.10	0.10	%			04/22/15 15:59	1

Client Sample ID: NUP-ROW-3

Lab Sample ID: 560-54250-4
Matrix: Solid
Percent Solids: 89.2

Date Collected: 04/20/15 16:00
Date Received: 04/22/15 09:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	42.5		2.18	0.290	mg/Kg	☼	04/22/15 13:30	04/23/15 18:42	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		0.10	0.10	%			04/22/15 15:59	1

Client Sample ID: NUP-ROW-4

Lab Sample ID: 560-54250-5
Matrix: Solid
Percent Solids: 85.2

Date Collected: 04/20/15 16:20
Date Received: 04/22/15 09:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	50.2		2.23	0.298	mg/Kg	☼	04/22/15 13:30	04/23/15 18:46	1

Client Sample ID: NUP-ROW-4

Lab Sample ID: 560-54250-5

Date Collected: 04/20/15 16:20
Date Received: 04/22/15 09:40

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15		0.10	0.10	%			04/22/15 15:59	1

Client Sample ID: NUP-ROW-5-D

Lab Sample ID: 560-54250-6

Date Collected: 04/20/15 17:00
Date Received: 04/22/15 09:40

Matrix: Solid
Percent Solids: 86.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	47.9		2.20	0.294	mg/Kg	☼	04/22/15 13:30	04/23/15 18:50	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	13		0.10	0.10	%			04/22/15 15:59	1

Client Sample ID: NUP-ROW-6

Lab Sample ID: 560-54250-7

Date Collected: 04/21/15 08:11
Date Received: 04/22/15 09:40

Matrix: Solid
Percent Solids: 93.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.97		2.05	0.273	mg/Kg	☼	04/22/15 13:30	04/23/15 18:54	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.0		0.10	0.10	%			04/22/15 15:59	1

Client Sample ID: NUP-ROW-7

Lab Sample ID: 560-54250-8

Date Collected: 04/21/15 09:00
Date Received: 04/22/15 09:40

Matrix: Solid
Percent Solids: 93.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	4.66		2.05	0.273	mg/Kg	☼	04/22/15 13:30	04/23/15 18:58	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.0		0.10	0.10	%			04/22/15 15:59	1

Client Sample ID: NUP-ROW-8

Lab Sample ID: 560-54250-9

Date Collected: 04/21/15 08:30
Date Received: 04/22/15 09:40

Matrix: Solid
Percent Solids: 89.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	3.02		2.11	0.281	mg/Kg	☼	04/22/15 13:30	04/23/15 19:02	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	10		0.10	0.10	%			04/22/15 15:59	1

Client Sample ID: NUP-ROW-9

Lab Sample ID: 560-54250-10
Date Collected: 04/21/15 09:30
Date Received: 04/22/15 09:40
Matrix: Solid
Percent Solids: 93.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	3.69		2.12	0.282	mg/Kg	☼	04/22/15 13:30	04/23/15 19:06	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.4		0.10	0.10	%			04/22/15 15:59	1

Client Sample ID: NUP-ROW-10

Lab Sample ID: 560-54250-11
Date Collected: 04/21/15 10:00
Date Received: 04/22/15 09:40
Matrix: Solid
Percent Solids: 92.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	3.41		2.06	0.275	mg/Kg	☼	04/22/15 13:30	04/23/15 19:10	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.5		0.10	0.10	%			04/22/15 15:59	1

Client Sample ID: NUP-ROW-11

Lab Sample ID: 560-54250-12
Date Collected: 04/21/15 11:40
Date Received: 04/22/15 09:40
Matrix: Solid
Percent Solids: 93.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	3.30		2.09	0.279	mg/Kg	☼	04/22/15 13:30	04/23/15 19:27	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.1		0.10	0.10	%			04/22/15 15:59	1

Client Sample ID: NUP-ROW-12

Lab Sample ID: 560-54250-13
Date Collected: 04/21/15 12:00
Date Received: 04/22/15 09:40
Matrix: Solid
Percent Solids: 91.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.97		1.91	0.255	mg/Kg	☼	04/22/15 13:30	04/23/15 19:31	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.3		0.10	0.10	%			04/22/15 15:59	1

Client Sample ID: NUP-ROW-13

Lab Sample ID: 560-54250-14
Date Collected: 04/21/15 12:30
Date Received: 04/22/15 09:40
Matrix: Solid
Percent Solids: 91.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	3.38		2.08	0.278	mg/Kg	☼	04/22/15 13:30	04/23/15 19:35	1

Client Sample ID: NUP-ROW-13

Lab Sample ID: 560-54250-14

Date Collected: 04/21/15 12:30
Date Received: 04/22/15 09:40

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.4		0.10	0.10	%			04/22/15 15:59	1

Client Sample ID: NUP-ROW-14

Lab Sample ID: 560-54250-15

Date Collected: 04/21/15 13:00
Date Received: 04/22/15 09:40

Matrix: Solid
Percent Solids: 93.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.40		2.15	0.287	mg/Kg	☼	04/22/15 13:30	04/23/15 19:39	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.9		0.10	0.10	%			04/22/15 15:59	1

Client Sample ID: NUP-ROW-16

Lab Sample ID: 560-54250-16

Date Collected: 04/21/15 14:30
Date Received: 04/22/15 09:40

Matrix: Solid
Percent Solids: 93.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	4.47		2.07	0.276	mg/Kg	☼	04/22/15 15:48	04/23/15 19:43	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.1		0.10	0.10	%			04/22/15 15:59	1

Client Sample ID: NUP-ROW-16-D

Lab Sample ID: 560-54250-17

Date Collected: 04/21/15 14:45
Date Received: 04/22/15 09:40

Matrix: Solid
Percent Solids: 94.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	4.29		1.84	0.246	mg/Kg	☼	04/22/15 15:48	04/23/15 19:47	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	5.6		0.10	0.10	%			04/22/15 15:59	1

Client Sample ID: NUP-ROW-17

Lab Sample ID: 560-54250-18

Date Collected: 04/21/15 15:00
Date Received: 04/22/15 09:40

Matrix: Solid
Percent Solids: 89.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	3.06		2.19	0.293	mg/Kg	☼	04/22/15 13:30	04/23/15 18:02	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		0.10	0.10	%			04/22/15 15:59	1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 560-115075/1-A
Matrix: Solid
Analysis Batch: 115136

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 115075

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.267	U	2.00	0.267	mg/Kg		04/22/15 13:30	04/23/15 17:54	1

Lab Sample ID: LCS 560-115075/2-A
Matrix: Solid
Analysis Batch: 115136

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 115075

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	25.0	24.38		mg/Kg		98	80 - 120

Lab Sample ID: 560-54250-18 MS
Matrix: Solid
Analysis Batch: 115136

Client Sample ID: NUP-ROW-17
Prep Type: Total/NA
Prep Batch: 115075

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	3.06		26.9	19.99	N1	mg/Kg	☼	63	75 - 125

Lab Sample ID: 560-54250-18 MSD
Matrix: Solid
Analysis Batch: 115136

Client Sample ID: NUP-ROW-17
Prep Type: Total/NA
Prep Batch: 115075

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	3.06		27.4	20.05	N1	mg/Kg	☼	62	75 - 125	0	20

Method: Moisture - Percent Moisture

Lab Sample ID: 560-54250-18 DU
Matrix: Solid
Analysis Batch: 115076

Client Sample ID: NUP-ROW-17
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	11		11		%		7	40

Certification Summary

Client: Weston Solutions, Inc.
Project/Site: Al Laredo

TestAmerica Job ID: 560-54250-1

Laboratory: TestAmerica Corpus Christi

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Texas	NELAP	6	T104704210	03-31-16 *

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture

* Certification renewal pending - certification considered valid.

Method Summary

Client: Weston Solutions, Inc.
Project/Site: Al Laredo

TestAmerica Job ID: 560-54250-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL CC
Moisture	Percent Moisture	EPA	TAL CC

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL CC = TestAmerica Corpus Christi, 1733 N. Padre Island Drive, Corpus Christi, TX 78408, TEL (361)289-2673

Sample Summary

Client: Weston Solutions, Inc.
Project/Site: AI Laredo

TestAmerica Job ID: 560-54250-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
560-54250-1	NUP-ROW-1	Solid	04/20/15 15:27	04/22/15 09:40
560-54250-2	NUP-ROW-5	Solid	04/20/15 16:44	04/22/15 09:40
560-54250-3	NUP-ROW-2	Solid	04/20/15 15:45	04/22/15 09:40
560-54250-4	NUP-ROW-3	Solid	04/20/15 16:00	04/22/15 09:40
560-54250-5	NUP-ROW-4	Solid	04/20/15 16:20	04/22/15 09:40
560-54250-6	NUP-ROW-5-D	Solid	04/20/15 17:00	04/22/15 09:40
560-54250-7	NUP-ROW-6	Solid	04/21/15 08:11	04/22/15 09:40
560-54250-8	NUP-ROW-7	Solid	04/21/15 09:00	04/22/15 09:40
560-54250-9	NUP-ROW-8	Solid	04/21/15 08:30	04/22/15 09:40
560-54250-10	NUP-ROW-9	Solid	04/21/15 09:30	04/22/15 09:40
560-54250-11	NUP-ROW-10	Solid	04/21/15 10:00	04/22/15 09:40
560-54250-12	NUP-ROW-11	Solid	04/21/15 11:40	04/22/15 09:40
560-54250-13	NUP-ROW-12	Solid	04/21/15 12:00	04/22/15 09:40
560-54250-14	NUP-ROW-13	Solid	04/21/15 12:30	04/22/15 09:40
560-54250-15	NUP-ROW-14	Solid	04/21/15 13:00	04/22/15 09:40
560-54250-16	NUP-ROW-16	Solid	04/21/15 14:30	04/22/15 09:40
560-54250-17	NUP-ROW-16-D	Solid	04/21/15 14:45	04/22/15 09:40
560-54250-18	NUP-ROW-17	Solid	04/21/15 15:00	04/22/15 09:40

TestAmerica Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone (361) 289-2673 Fax (361) 289-2471

Chain of Custody Record

TestAmerica

Loc: 560
54250

Client Information	Sampler: Paola Strong / Elizabeth Howard	Lab PM: Cady, John M	Carrier Tracking No(s):	COC No: 560-17198-410 8
Client Contact: Mr. Phil Bredfeldt	Phone: 512-651-7100	E-Mail: john.cady@testamericainc.com		Page: Page 1 of 2
Company: Weston Solutions, Inc.				Job #:
Address: 2705 Bee Cave Road Suite 100	Due Date Requested:			
City: Austin	TAT Requested (days): STANDARD			
State, Zip: TX, 78746				
Phone: 512-651-7128(Tel) 512-651-7101(Fax)	PO #: Purchase Order Requested			
Email: phil.bredfeldt@westonsolutions.com	WO #: 12776.008.011.1901			
Project Name: Weston-Laredo	Project #: 56002977			
Site: NUP-ROW Soil Sampling MMG ALERT Site	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010 B - Total Antimony	Moisture	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
NUP-ROW-1	4/20/15	1527	C	Solid			X	X	1	
NUP-ROW-5	4/20/15	1644	C	Solid			X	X		
NUP-ROW-2	4/20/15	1545	C	Solid			X	X		
NUP-ROW-3	4/20/15	1600	C	Solid			X	X		
NUP-ROW-4	4/20/15	1620	C	Solid			X	X		
NUP-ROW-5-D	4/20/15	1700	C	Solid			X	X		
NUP-ROW-6	4/21/15	8:11	C	Solid			X	X	1	
NUP-ROW-7	4/21/15	9:00	C	Solid			X	X	1	
NUP-ROW-8	4/21/15	8:30	C	Solid			X	X	1	
NUP-ROW-9	4/21/15	9:30	C	Solid			X	X	1	
NUP-ROW-10	4/21/15	10:00	C	Solid			X	X	1	

560-54250 Chain of Custody

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

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

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

Special Instructions/QC Requirements: TRRP-13

Empty Kit Relinquished by:	Date	Time:	Method of Shipment: FEDEX

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	4/21/15 17:00	Weston		9/22/15 9:40	TACC
Relinquished by	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by	Date/Time	Company	Received by	Date/Time:	Company

Custody Seals Intact: ☑ Yes ☐ No	Custody Seal No :	Cooler Temperature(s) °C and Other Remarks: 5.9°C/5.6°C

4/24/2015

TestAmerica Corpus Christi
1733 N Padre Island Drive
Corpus Chnsti, TX 78408
Phone (361) 289-2673 Fax (361) 289-2471

Chain of Custody Record

TestAmerica

Client Information	Sampler: Paula Strang / Elizabeth Hu	Lab PM: Cady, John M	Carrier Tracking No(s):	COC No: 560-17198-410 8
Client Contact: Mr. Phil Bredfeldt	Phone: 512-651-7100	E-Mail: john.cady@testamericainc com		Page: Page 2 of 2
Company: Weston Solutions, Inc.				Job #
Address: 2705 Bee Cave Road Suite 100	Due Date Requested:			
City: Austin	TAT Requested (days): STANDARD			
State, Zip: TX, 78746				
Phone: 512-651-7128(Tel) 512-651-7101(Fax)	PO #: Purchase Order Requested			
Email: phil.bredfeldt@westonsolutions.com	WO #: 12776.008.011.1901			
Project Name: Weston-Laredo	Project #: 56002977			
Site: NUP-ROW-Soil Sampling MMG ALERT Site	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010 B - Total Antimony	Moisture	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
NUP-ROW-11	4/21/15	11:40	C	Solid			X	X	1	
NUP-ROW-12	4/21/15	12:00	C	Solid			X	X	1	
NUP-ROW-13	4/21/15	1230	C	Solid			X	X	1	
NUP-ROW-14	4/21/15	1340	C	Solid			X	X	1	
NUP-ROW-16	4/21/15	1430	C	Solid			X	X	1	
NUP-ROW-16D	4/21/15	1445	C	Solid			X	X	1	
NUP-ROW-17	4/21/15	1500	C	Solid			X	X	1	
NUP-ROW-17-MSMSD	4/21/15	1515	C	Solid		X	X	X	2	
				Solid						
				Solid						
				Solid						

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

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

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

Special Instructions/QC Requirements: TRIP - 13

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: FEDEX

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	4/21/15 1700		Received by:	4/22/15 9:40	TAC
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 5.8°C/5.6°C

4/24/2015

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 560-54250-1

Login Number: 54250
List Number: 1
Creator: Gilmore, Matthew

List Source: TestAmerica Corpus Christi

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

Unadjusted Detection Limits

Client: Weston Solutions, Inc.
Project/Site: AI Laredo

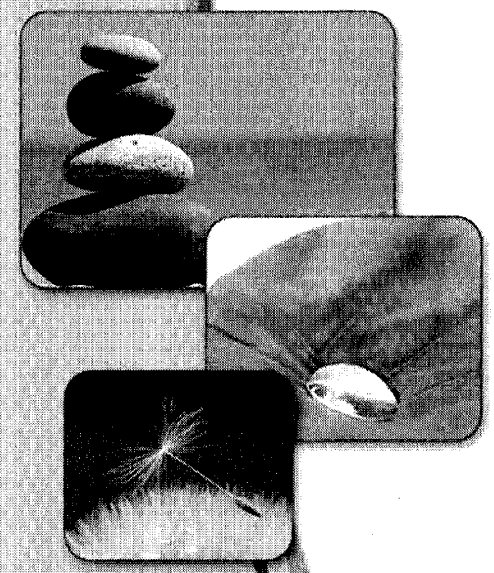
TestAmerica Job ID: 560-54250-1

Method: 6010B - Metals (ICP)

Analyte	MQL	MDL	Units	Method
Antimony	2.00	0.267	mg/Kg	6010B

General Chemistry

Analyte	MQL	MDL	Units	Method
Percent Moisture	0.10	0.10	%	Moisture



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Tel: (361)289-2673

TestAmerica Job ID: 560-54316-1
Client Project/Site: Weston-Laredo

For:
Weston Solutions, Inc.
2705 Bee Cave Road
Suite 100
Austin, Texas 78746

Attn: Mr. Phil Bredfeldt

Authorized for release by:
4/28/2015 11:48:05 AM

John Cady, Manager of Project Management
(713)690-4444
john.cady@testamericainc.com

Qualifiers

Metals

Qualifier	Qualifier Description
N1	MS, MSD: Spike recovery exceeds upper or lower control limits.
U	Analyte was not detected at or above the SDL.

Glossary

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

Job ID: 560-54316-1

Laboratory: TestAmerica Corpus Christi

Narrative

Job Narrative
560-54316-1

Comments
No additional comments.

Receipt
The samples were received on 4/24/2015 11:25 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 1.0° C and 2.1° C.

Appendix A
Laboratory Data Package Cover Page - Page 1 of 4

This data package is for TestAmerica Corpus Christi job number 560-54316-1 and consists of:

- ☑ R1 - Field chain-of-custody documentation;
- ☑ R2 - Sample identification cross-reference;
- ☑ R3 - Test reports (analytical data sheets) for each environmental sample that includes:
  a. Items consistent with NELAC Chapter 5,
  b. dilution factors,
  c. preparation methods,
  d. cleanup methods, and
  e. if required for the project, tentatively identified compounds (TICs).
- ☐ R4 - Surrogate recovery data including:
  a. Calculated recovery (%R), and
  b. The laboratory's surrogate QC limits.
- ☑ R5 - Test reports/summary forms for blank samples;
- ☑ R6 - Test reports/summary forms for laboratory control samples (LCSs) including:
  a. LCS spiking amounts,
  b. Calculated %R for each analyte, and
  c. The laboratory's LCS QC limits.
- ☑ R7 - Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
  a. Samples associated with the MS/MSD clearly identified,
  b. MS/MSD spiking amounts,
  c. Concentration of each MS/MSD analyte measured in the parent and spiked samples,
  d. Calculated %Rs and relative percent differences (RPDs), and
  e. The laboratory's MS/MSD QC limits
- ☑ R8 - Laboratory analytical duplicate (if applicable) recovery and precision:
  a. The amount of analyte measured in the duplicate,
  b. The calculated RPD, and
  c. The laboratory's QC limits for analytical duplicates.
- ☑ R9 - List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix.
- ☑ R10 - Other problems or anomalies.

The Exception Report for each "No" or "Not Reviewed (NR)" item in Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

John Cady		4/28/2015
Name (printed)	Signature	Date

Manager of Project Management
Official Title (printed)

Laboratory Review Checklist: Reportable Data - Page 2 of 4

Laboratory Name:	TestAmerica Corpus Christi	LRC Date:	4/28/2015
Project Name:	Weston-Laredo	Laboratory Job Number:	560-54316-1
Reviewer Name:	John Cady		

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**Chain-of-custody (C-O-C)**					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?	X				
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soils/solids samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, are TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			R07C
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference effects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review checklist: Supporting Data - Page 3 of 4

Laboratory Name:	TestAmerica Corpus Christi	LRC Date:	4/28/2015
Project Name:	Weston-Laredo	Laboratory Job Number:	560-54316-1
Reviewer Name:	John Cady		

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?	X				
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICV and CCV) and continuing calibration blank (CCB):**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS)**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC Section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?	X				
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs)**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results**					
		Were percent recoveries within method QC limits?	X				
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	X				
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs)**					
		Are laboratory SOPs current and on file for each method performed?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review Checklist: Exception Reports - Page 4 of 4

Laboratory Name:	TestAmerica Corpus Christi	LRC Date:	4/28/2015
Project Name:	Weston-Laredo	Laboratory Job Number:	560-54316-1
Reviewer Name:	John Cady		

ER #[1]	Description
R07C	Method 6010B: 560-54316-19 MS failed the recovery criteria for the following analyte(s): Antimony. Matrix interference is suspected. Method 6010B: 560-54316-19 MSD failed the recovery criteria for the following analyte(s): Antimony. Matrix interference is suspected. Method 6010B: 560-54316-28 MSD failed the recovery criteria for the following analyte(s): Antimony. Matrix interference is suspected.

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

TestAmerica - Corpus Christi
TRRP DCS EVALUATION SPREADSHEET

Matrix:	Solid
Method:	6010B
Prep Method:	3050B
Date Analyzed:	2/19/2015
Job #:	MDLV 560-52102-2
TALS Batch:	112974
Units:	mg/Kg

Analyte	Instrument #	MDL	DCS Spike	Measured Result	MQL
Ag	MTS6500	0.110	0.250	0.259	0.5
Al	MTS6500	3.070	5.000	7.886	5
As	MTS6500	0.145	0.250	0.187	2
B	MTS6500	0.414	1.000	1.043	10
Ba	MTS6500	0.189	0.250	0.276	1
Be	MTS6500	0.027	0.050	0.055	0.5
Ca	MTS6500	14.500	20.000	19.644	50
Cd	MTS6500	0.036	0.050	0.053	0.5
Co	MTS6500	0.028	0.050	0.059	1
Cr	MTS6500	0.134	0.250	0.286	1
Cu	MTS6500	0.201	0.500	0.570	2
Fe	MTS6500	5.000	10.000	9.463	20
K	MTS6500	15.200	25.000	23.707	100
Li	MTS6500	0.280	0.500	0.457	0.5
Mg	MTS6500	1.580	2.000	2.673	20
Mn	MTS6500	0.465	1.000	1.279	2.5
Mo	MTS6500	0.125	0.250	0.249	2
Na	MTS6500	15.100	20.000	16.742	100
Ni	MTS6500	0.124	0.250	0.272	2
P	MTS6500	1.660	2.000	1.876	50
Pb	MTS6500	0.152	0.250	0.332	0.5
Sb	MTS6500	0.267	0.500	0.537	2
Se	MTS6500	0.198	0.250	0.307	1
Si	MTS6500	6.320	10.000	10.114	20
Sn	MTS6500	1.840	4.000	4.448	10
Sr	MTS6500	0.078	0.100	0.119	1
Ti	MTS6500	0.125	0.250	0.240	1
Tl	MTS6500	0.119	0.250	0.021	1
V	MTS6500	0.050	0.100	0.125	1
Zn	MTS6500	0.570	1.000	1.049	2.5

DCS = Detection Check Standard
MQL = Method Quantitation Limit

Client Sample ID: NUP-ROW-15 — Lab Sample ID: 560-54316-1

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	4.82		2.11	0.282	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-18 — Lab Sample ID: 560-54316-2

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	5.15		2.22	0.297	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-19 — Lab Sample ID: 560-54316-3

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	4.95		2.19	0.293	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-20 — Lab Sample ID: 560-54316-4

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	3.02		2.28	0.304	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-21 — Lab Sample ID: 560-54316-5

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	5.95		1.93	0.258	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-22 — Lab Sample ID: 560-54316-6

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	10.7		2.10	0.281	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-23 — Lab Sample ID: 560-54316-7

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	20.1		1.84	0.245	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-24 — Lab Sample ID: 560-54316-8

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	15.3		2.20	0.294	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-25 — Lab Sample ID: 560-54316-9

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	8.24		2.07	0.276	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-26 — Lab Sample ID: 560-54316-10

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	6.43		2.21	0.295	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-27 — Lab Sample ID: 560-54316-11

This Detection Summary does not include radiochemical test results.

Client Sample ID: NUP-ROW-27 (Continued)

Lab Sample ID: 560-54316-11

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	6.37		2.20	0.294	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-28

Lab Sample ID: 560-54316-12

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	5.14		2.12	0.284	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-29

Lab Sample ID: 560-54316-13

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	9.72		2.16	0.288	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-30

Lab Sample ID: 560-54316-14

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	8.30		1.95	0.260	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-31

Lab Sample ID: 560-54316-15

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	17.8		1.89	0.253	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-32

Lab Sample ID: 560-54316-16

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	13.5		1.92	0.256	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-33

Lab Sample ID: 560-54316-17

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	57.5		2.16	0.288	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-34

Lab Sample ID: 560-54316-18

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	49.7		1.88	0.251	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-35

Lab Sample ID: 560-54316-19

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	34.6		2.11	0.281	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-36

Lab Sample ID: 560-54316-20

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	43.5		2.19	0.292	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-37

Lab Sample ID: 560-54316-21

This Detection Summary does not include radiochemical test results.

Client Sample ID: NUP-ROW-37 (Continued) — Lab Sample ID: 560-54316-21

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	37.8		1.92	0.257	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-38 — Lab Sample ID: 560-54316-22

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	53.2		1.98	0.265	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-39 — Lab Sample ID: 560-54316-23

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	36.4		1.95	0.260	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-40 — Lab Sample ID: 560-54316-24

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	31.7		1.88	0.251	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-41 — Lab Sample ID: 560-54316-25

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	29.1		2.02	0.270	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-42 — Lab Sample ID: 560-54316-26

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	20.7		2.05	0.274	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-43 — Lab Sample ID: 560-54316-27

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	20.0		2.08	0.278	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-44 — Lab Sample ID: 560-54316-28

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	27.4		1.91	0.255	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-45 — Lab Sample ID: 560-54316-29

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	17.0		2.17	0.290	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-25-D — Lab Sample ID: 560-54316-30

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	8.60		2.16	0.288	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-35-D — Lab Sample ID: 560-54316-31

This Detection Summary does not include radiochemical test results.

Client Sample ID: NUP-ROW-35-D (Continued)

Lab Sample ID: 560-54316-31

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	40.6		2.07	0.276	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-44-D

Lab Sample ID: 560-54316-32

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	22.1		1.97	0.263	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-46

Lab Sample ID: 560-54316-33

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	50.1		2.38	0.317	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-47

Lab Sample ID: 560-54316-34

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	23.9		2.25	0.300	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NUP-ROW-48

Lab Sample ID: 560-54316-35

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	27.3		2.45	0.326	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: NUP-ROW-15

Lab Sample ID: 560-54316-1
Date Collected: 04/21/15 18:00
Matrix: Solid
Date Received: 04/24/15 11:25
Percent Solids: 89.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	4.82		2.11	0.282	mg/Kg	☼	04/27/15 08:30	04/27/15 17:29	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		0.10	0.10	%			04/24/15 16:18	1

Client Sample ID: NUP-ROW-18

Lab Sample ID: 560-54316-2
Date Collected: 04/21/15 18:20
Matrix: Solid
Date Received: 04/24/15 11:25
Percent Solids: 87.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.15		2.22	0.297	mg/Kg	☼	04/27/15 08:30	04/27/15 17:33	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	13		0.10	0.10	%			04/24/15 16:18	1

Client Sample ID: NUP-ROW-19

Lab Sample ID: 560-54316-3
Date Collected: 04/22/15 10:00
Matrix: Solid
Date Received: 04/24/15 11:25
Percent Solids: 90.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	4.95		2.19	0.293	mg/Kg	☼	04/27/15 08:30	04/27/15 17:37	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.7		0.10	0.10	%			04/24/15 16:18	1

Client Sample ID: NUP-ROW-20

Lab Sample ID: 560-54316-4
Date Collected: 04/22/15 10:30
Matrix: Solid
Date Received: 04/24/15 11:25
Percent Solids: 80.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	3.02		2.28	0.304	mg/Kg	☼	04/27/15 08:30	04/27/15 17:41	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	19		0.10	0.10	%			04/24/15 16:18	1

Client Sample ID: NUP-ROW-21

Lab Sample ID: 560-54316-5
Date Collected: 04/23/15 09:30
Matrix: Solid
Date Received: 04/24/15 11:25
Percent Solids: 92.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.95		1.93	0.258	mg/Kg	☼	04/27/15 08:30	04/27/15 17:58	1

Client Sample ID: NUP-ROW-21

Lab Sample ID: 560-54316-5
Matrix: Solid

Date Collected: 04/23/15 09:30
Date Received: 04/24/15 11:25

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.6		0.10	0.10	%			04/24/15 16:18	1

Client Sample ID: NUP-ROW-22

Lab Sample ID: 560-54316-6
Matrix: Solid
Percent Solids: 92.3

Date Collected: 04/22/15 08:30
Date Received: 04/24/15 11:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	10.7		2.10	0.281	mg/Kg	☼	04/27/15 08:30	04/27/15 18:02	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.7		0.10	0.10	%			04/24/15 16:18	1

Client Sample ID: NUP-ROW-23

Lab Sample ID: 560-54316-7
Matrix: Solid
Percent Solids: 93.8

Date Collected: 04/22/15 15:00
Date Received: 04/24/15 11:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	20.1		1.84	0.245	mg/Kg	☼	04/27/15 08:30	04/27/15 18:06	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.2		0.10	0.10	%			04/24/15 16:18	1

Client Sample ID: NUP-ROW-24

Lab Sample ID: 560-54316-8
Matrix: Solid
Percent Solids: 89.9

Date Collected: 04/22/15 13:00
Date Received: 04/24/15 11:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	15.3		2.20	0.294	mg/Kg	☼	04/27/15 08:30	04/27/15 18:10	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	10		0.10	0.10	%			04/24/15 16:18	1

Client Sample ID: NUP-ROW-25

Lab Sample ID: 560-54316-9
Matrix: Solid
Percent Solids: 92.1

Date Collected: 04/22/15 09:15
Date Received: 04/24/15 11:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	8.24		2.07	0.276	mg/Kg	☼	04/27/15 08:30	04/27/15 18:14	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.9		0.10	0.10	%			04/24/15 16:18	1

Client Sample ID: NUP-ROW-26

Lab Sample ID: 560-54316-10

Date Collected: 04/22/15 11:00
Date Received: 04/24/15 11:25

Matrix: Solid
Percent Solids: 90.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	6.43		2.21	0.295	mg/Kg	☼	04/27/15 08:30	04/27/15 18:18	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.4		0.10	0.10	%			04/24/15 16:18	1

Client Sample ID: NUP-ROW-27

Lab Sample ID: 560-54316-11

Date Collected: 04/22/15 12:00
Date Received: 04/24/15 11:25

Matrix: Solid
Percent Solids: 89.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	6.37		2.20	0.294	mg/Kg	☼	04/27/15 08:30	04/27/15 18:22	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		0.10	0.10	%			04/24/15 16:18	1

Client Sample ID: NUP-ROW-28

Lab Sample ID: 560-54316-12

Date Collected: 04/22/15 12:20
Date Received: 04/24/15 11:25

Matrix: Solid
Percent Solids: 93.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.14		2.12	0.284	mg/Kg	☼	04/27/15 08:30	04/27/15 18:25	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.8		0.10	0.10	%			04/24/15 16:18	1

Client Sample ID: NUP-ROW-29

Lab Sample ID: 560-54316-13

Date Collected: 04/22/15 12:40
Date Received: 04/24/15 11:25

Matrix: Solid
Percent Solids: 74.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	9.72		2.16	0.288	mg/Kg	☼	04/27/15 08:30	04/27/15 18:29	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	26		0.10	0.10	%			04/24/15 16:18	1

Client Sample ID: NUP-ROW-30

Lab Sample ID: 560-54316-14

Date Collected: 04/23/15 09:40
Date Received: 04/24/15 11:25

Matrix: Solid
Percent Solids: 94.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	8.30		1.95	0.260	mg/Kg	☼	04/27/15 08:30	04/27/15 18:33	1

Client Sample ID: NUP-ROW-30

Lab Sample ID: 560-54316-14

Date Collected: 04/23/15 09:40
Date Received: 04/24/15 11:25

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	5.9		0.10	0.10	%			04/24/15 14:02	1

Client Sample ID: NUP-ROW-31

Lab Sample ID: 560-54316-15

Date Collected: 04/23/15 09:50
Date Received: 04/24/15 11:25

Matrix: Solid
Percent Solids: 93.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	17.8		1.89	0.253	mg/Kg	☼	04/27/15 08:30	04/27/15 18:50	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.6		0.10	0.10	%			04/24/15 14:02	1

Client Sample ID: NUP-ROW-32

Lab Sample ID: 560-54316-16

Date Collected: 04/23/15 10:00
Date Received: 04/24/15 11:25

Matrix: Solid
Percent Solids: 92.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	13.5		1.92	0.256	mg/Kg	☼	04/27/15 08:30	04/27/15 18:54	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.8		0.10	0.10	%			04/24/15 14:02	1

Client Sample ID: NUP-ROW-33

Lab Sample ID: 560-54316-17

Date Collected: 04/22/15 16:00
Date Received: 04/24/15 11:25

Matrix: Solid
Percent Solids: 89.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	57.5		2.16	0.288	mg/Kg	☼	04/27/15 09:00	04/27/15 19:22	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		0.10	0.10	%			04/24/15 14:02	1

Client Sample ID: NUP-ROW-34

Lab Sample ID: 560-54316-18

Date Collected: 04/23/15 08:00
Date Received: 04/24/15 11:25

Matrix: Solid
Percent Solids: 87.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	49.7		1.88	0.251	mg/Kg	☼	04/27/15 09:00	04/27/15 19:26	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	13		0.10	0.10	%			04/24/15 14:02	1

Client Sample ID: NUP-ROW-35

Lab Sample ID: 560-54316-19
Date Collected: 04/23/15 08:15
Date Received: 04/24/15 11:25
Matrix: Solid
Percent Solids: 90.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	34.6		2.11	0.281	mg/Kg	☼	04/27/15 08:30	04/27/15 16:48	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.5		0.10	0.10	%			04/24/15 14:02	1

Client Sample ID: NUP-ROW-36

Lab Sample ID: 560-54316-20
Date Collected: 04/23/15 08:45
Date Received: 04/24/15 11:25
Matrix: Solid
Percent Solids: 89.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	43.5		2.19	0.292	mg/Kg	☼	04/27/15 09:00	04/27/15 19:43	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	10		0.10	0.10	%			04/24/15 14:02	1

Client Sample ID: NUP-ROW-37

Lab Sample ID: 560-54316-21
Date Collected: 04/22/15 17:00
Date Received: 04/24/15 11:25
Matrix: Solid
Percent Solids: 92.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	37.6		1.92	0.257	mg/Kg	☼	04/27/15 09:00	04/27/15 19:47	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.9		0.10	0.10	%			04/24/15 14:02	1

Client Sample ID: NUP-ROW-38

Lab Sample ID: 560-54316-22
Date Collected: 04/23/15 09:00
Date Received: 04/24/15 11:25
Matrix: Solid
Percent Solids: 91.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	53.2		1.98	0.265	mg/Kg	☼	04/27/15 09:00	04/27/15 19:51	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.4		0.10	0.10	%			04/24/15 14:49	1

Client Sample ID: NUP-ROW-39

Lab Sample ID: 560-54316-23
Date Collected: 04/23/15 09:15
Date Received: 04/24/15 11:25
Matrix: Solid
Percent Solids: 93.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	36.4		1.95	0.260	mg/Kg	☼	04/27/15 09:00	04/27/15 19:54	1

Client Sample ID: NUP-ROW-39

Lab Sample ID: 560-54316-23

Date Collected: 04/23/15 09:15
Date Received: 04/24/15 11:25

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.8		0.10	0.10	%			04/24/15 14:49	1

Client Sample ID: NUP-ROW-40

Lab Sample ID: 560-54316-24

Date Collected: 04/22/15 18:00
Date Received: 04/24/15 11:25

Matrix: Solid
Percent Solids: 93.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	31.7		1.88	0.251	mg/Kg	☼	04/27/15 09:00	04/27/15 19:58	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.6		0.10	0.10	%			04/24/15 14:49	1

Client Sample ID: NUP-ROW-41

Lab Sample ID: 560-54316-25

Date Collected: 04/23/15 10:10
Date Received: 04/24/15 11:25

Matrix: Solid
Percent Solids: 91.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	29.1		2.02	0.270	mg/Kg	☼	04/27/15 09:00	04/27/15 20:02	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.4		0.10	0.10	%			04/24/15 14:49	1

Client Sample ID: NUP-ROW-42

Lab Sample ID: 560-54316-26

Date Collected: 04/23/15 10:20
Date Received: 04/24/15 11:25

Matrix: Solid
Percent Solids: 92.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	20.7		2.05	0.274	mg/Kg	☼	04/27/15 09:00	04/27/15 20:06	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.2		0.10	0.10	%			04/24/15 14:49	1

Client Sample ID: NUP-ROW-43

Lab Sample ID: 560-54316-27

Date Collected: 04/23/15 10:30
Date Received: 04/24/15 11:25

Matrix: Solid
Percent Solids: 93.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	20.0		2.08	0.278	mg/Kg	☼	04/27/15 09:00	04/27/15 20:10	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.7		0.10	0.10	%			04/24/15 14:49	1

Client Sample ID: NUP-ROW-44

Lab Sample ID: 560-54316-28
Date Collected: 04/23/15 10:40
Matrix: Solid
Date Received: 04/24/15 11:25
Percent Solids: 94.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	27.4		1.91	0.255	mg/Kg	☼	04/27/15 09:00	04/27/15 19:06	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	5.6		0.10	0.10	%			04/24/15 14:49	1

Client Sample ID: NUP-ROW-45

Lab Sample ID: 560-54316-29
Date Collected: 04/23/15 12:00
Matrix: Solid
Date Received: 04/24/15 11:25
Percent Solids: 79.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	17.0		2.17	0.290	mg/Kg	☼	04/27/15 09:00	04/27/15 20:14	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	21		0.10	0.10	%			04/24/15 14:49	1

Client Sample ID: NUP-ROW-25-D

Lab Sample ID: 560-54316-30
Date Collected: 04/22/15 09:15
Matrix: Solid
Date Received: 04/24/15 11:25
Percent Solids: 91.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	8.60		2.16	0.288	mg/Kg	☼	04/27/15 09:00	04/27/15 20:18	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.2		0.10	0.10	%			04/24/15 14:49	1

Client Sample ID: NUP-ROW-35-D

Lab Sample ID: 560-54316-31
Date Collected: 04/23/15 08:30
Matrix: Solid
Date Received: 04/24/15 11:25
Percent Solids: 90.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	40.6		2.07	0.276	mg/Kg	☼	04/27/15 09:00	04/27/15 20:35	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.7		0.10	0.10	%			04/24/15 14:49	1

Client Sample ID: NUP-ROW-44-D

Lab Sample ID: 560-54316-32
Date Collected: 04/23/15 10:45
Matrix: Solid
Date Received: 04/24/15 11:25
Percent Solids: 94.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	22.1		1.97	0.263	mg/Kg	☼	04/27/15 09:00	04/27/15 20:39	1

Client Sample ID: NUP-ROW-44-D

Lab Sample ID: 560-54316-32

Date Collected: 04/23/15 10:45
Date Received: 04/24/15 11:25

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	5.9		0.10	0.10	%			04/24/15 14:49	1

Client Sample ID: NUP-ROW-46

Lab Sample ID: 560-54316-33

Date Collected: 04/23/15 12:30
Date Received: 04/24/15 11:25

Matrix: Solid
Percent Solids: 83.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	50.1		2.38	0.317	mg/Kg	☼	04/27/15 09:00	04/27/15 20:43	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	17		0.10	0.10	%			04/24/15 14:49	1

Client Sample ID: NUP-ROW-47

Lab Sample ID: 560-54316-34

Date Collected: 04/23/15 13:00
Date Received: 04/24/15 11:25

Matrix: Solid
Percent Solids: 81.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	23.9		2.25	0.300	mg/Kg	☼	04/27/15 09:32	04/27/15 20:47	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	18		0.10	0.10	%			04/24/15 14:49	1

Client Sample ID: NUP-ROW-48

Lab Sample ID: 560-54316-35

Date Collected: 04/23/15 13:30
Date Received: 04/24/15 11:25

Matrix: Solid
Percent Solids: 80.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	27.3		2.45	0.326	mg/Kg	☼	04/27/15 09:32	04/27/15 20:51	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	20		0.10	0.10	%			04/24/15 14:49	1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 560-115189/1-A
Matrix: Solid
Analysis Batch: 115235

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 115189

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.267	U	2.00	0.267	mg/Kg		04/27/15 08:30	04/27/15 16:40	1

Lab Sample ID: LCS 560-115189/2-A
Matrix: Solid
Analysis Batch: 115235

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 115189

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	25.0	25.45		mg/Kg		102	80 - 120

Lab Sample ID: 560-54316-19 MS
Matrix: Solid
Analysis Batch: 115235

Client Sample ID: NUP-ROW-35
Prep Type: Total/NA
Prep Batch: 115189

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	34.6		27.6	75.02	N1	mg/Kg	☼	146	75 - 125

Lab Sample ID: 560-54316-19 MSD
Matrix: Solid
Analysis Batch: 115235

Client Sample ID: NUP-ROW-35
Prep Type: Total/NA
Prep Batch: 115189

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	34.6		27.6	75.04	N1	mg/Kg	☼	146	75 - 125	0	20

Lab Sample ID: MB 560-115191/1-A
Matrix: Solid
Analysis Batch: 115235

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 115191

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.267	U	2.00	0.267	mg/Kg		04/27/15 09:00	04/27/15 18:58	1

Lab Sample ID: LCS 560-115191/2-A
Matrix: Solid
Analysis Batch: 115235

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 115191

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	25.0	25.09		mg/Kg		100	80 - 120

Lab Sample ID: 560-54316-28 MS
Matrix: Solid
Analysis Batch: 115235

Client Sample ID: NUP-ROW-44
Prep Type: Total/NA
Prep Batch: 115191

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	27.4		24.5	48.46		mg/Kg	☼	86	75 - 125

Lab Sample ID: 560-54316-28 MSD
Matrix: Solid
Analysis Batch: 115235

Client Sample ID: NUP-ROW-44
Prep Type: Total/NA
Prep Batch: 115191

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	27.4		23.9	45.14	N1	mg/Kg	☼	74	75 - 125	7	20

Method: Moisture - Percent Moisture

Lab Sample ID: 560-54316-21 DU
Matrix: Solid
Analysis Batch: 115154

Client Sample ID: NUP-ROW-37
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	7.9		8.1		%		2	40

Lab Sample ID: 560-54316-35 DU
Matrix: Solid
Analysis Batch: 115158

Client Sample ID: NUP-ROW-48
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	20		20		%		2	40

Lab Sample ID: 560-54316-13 DU
Matrix: Solid
Analysis Batch: 115165

Client Sample ID: NUP-ROW-29
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	26		27		%		2	40

Certification Summary

Client: Weston Solutions, Inc.
Project/Site: Weston-Laredo

TestAmerica Job ID: 560-54316-1

Laboratory: TestAmerica Corpus Christi

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Texas	NELAP	6	T104704210	03-31-16 *

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture

* Certification renewal pending - certification considered valid.

Method Summary

Client: Weston Solutions, Inc.
Project/Site: Weston-Laredo

TestAmerica Job ID: 560-54316-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL CC
Moisture	Percent Moisture	EPA	TAL CC

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL CC = TestAmerica Corpus Christi, 1733 N. Padre Island Drive, Corpus Christi, TX 78408, TEL (361)289-2673

Sample Summary

Client: Weston Solutions, Inc.
Project/Site: Weston-Laredo

TestAmerica Job ID: 560-54316-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
560-54316-1	NUP-ROW-15	Solid	04/21/15 18:00	04/24/15 11:25
560-54316-2	NUP-ROW-18	Solid	04/21/15 18:20	04/24/15 11:25
560-54316-3	NUP-ROW-19	Solid	04/22/15 10:00	04/24/15 11:25
560-54316-4	NUP-ROW-20	Solid	04/22/15 10:30	04/24/15 11:25
560-54316-5	NUP-ROW-21	Solid	04/23/15 09:30	04/24/15 11:25
560-54316-6	NUP-ROW-22	Solid	04/22/15 08:30	04/24/15 11:25
560-54316-7	NUP-ROW-23	Solid	04/22/15 15:00	04/24/15 11:25
560-54316-8	NUP-ROW-24	Solid	04/22/15 13:00	04/24/15 11:25
560-54316-9	NUP-ROW-25	Solid	04/22/15 09:15	04/24/15 11:25
560-54316-10	NUP-ROW-26	Solid	04/22/15 11:00	04/24/15 11:25
560-54316-11	NUP-ROW-27	Solid	04/22/15 12:00	04/24/15 11:25
560-54316-12	NUP-ROW-28	Solid	04/22/15 12:20	04/24/15 11:25
560-54316-13	NUP-ROW-29	Solid	04/22/15 12:40	04/24/15 11:25
560-54316-14	NUP-ROW-30	Solid	04/23/15 09:40	04/24/15 11:25
560-54316-15	NUP-ROW-31	Solid	04/23/15 09:50	04/24/15 11:25
560-54316-16	NUP-ROW-32	Solid	04/23/15 10:00	04/24/15 11:25
560-54316-17	NUP-ROW-33	Solid	04/22/15 16:00	04/24/15 11:25
560-54316-18	NUP-ROW-34	Solid	04/23/15 08:00	04/24/15 11:25
560-54316-19	NUP-ROW-35	Solid	04/23/15 08:15	04/24/15 11:25
560-54316-20	NUP-ROW-36	Solid	04/23/15 08:45	04/24/15 11:25
560-54316-21	NUP-ROW-37	Solid	04/22/15 17:00	04/24/15 11:25
560-54316-22	NUP-ROW-38	Solid	04/23/15 09:00	04/24/15 11:25
560-54316-23	NUP-ROW-39	Solid	04/23/15 09:15	04/24/15 11:25
560-54316-24	NUP-ROW-40	Solid	04/22/15 18:00	04/24/15 11:25
560-54316-25	NUP-ROW-41	Solid	04/23/15 10:10	04/24/15 11:25
560-54316-26	NUP-ROW-42	Solid	04/23/15 10:20	04/24/15 11:25
560-54316-27	NUP-ROW-43	Solid	04/23/15 10:30	04/24/15 11:25
560-54316-28	NUP-ROW-44	Solid	04/23/15 10:40	04/24/15 11:25
560-54316-29	NUP-ROW-45	Solid	04/23/15 12:00	04/24/15 11:25
560-54316-30	NUP-ROW-25-D	Solid	04/22/15 09:15	04/24/15 11:25
560-54316-31	NUP-ROW-35-D	Solid	04/23/15 08:30	04/24/15 11:25
560-54316-32	NUP-ROW-44-D	Solid	04/23/15 10:45	04/24/15 11:25
560-54316-33	NUP-ROW-46	Solid	04/23/15 12:30	04/24/15 11:25
560-54316-34	NUP-ROW-47	Solid	04/23/15 13:00	04/24/15 11:25
560-54316-35	NUP-ROW-48	Solid	04/23/15 13:30	04/24/15 11:25

TestAmerica Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone (361) 289-2673 Fax (361) 289-2471

Chain of Custody Record

TestAme

Loc: 560
54316

Client Information	Sampler: Paula Strong / Elizabeth Harwood	Lab PM: Cady, John M	Carrier Tracking No(s):	COC No: 560-17198-410 8
Client Contact: Mr Phil Bredfeldt	Phone: 512-651-7100	E-Mail: john cady@testamericainc.com		Page: Page 1 of 4
Company: Weston Solutions, Inc				Job #
Address: 2705 Bee Cave Road Suite 100	Due Date Requested:			
City: Austin	TAT Requested (days): STANDARD			
State, Zip: TX, 78746				
Phone: 512-651-7128(Tel) 512-651-7101(Fax)	PO #: Purchase Order Requested			
Email: phil.bredfeldt@westonsolutions.com	WO #: 12776.008.011.1401			
Project Name: Weston-Laredo	Project #: 56002977			
Site: NUP-ROW-Soil Sampling MMG Agent.	SSOW#:			

Analysis Requested

560-54316 Chain of Custody

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010 B - Total Antimony	Moisture	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
NUP-ROW-15	4/21/15	18:00	C	Solid			X	X	1	
NUP-ROW-18	4/21/15	18:20	C	Solid			X	X	1	
NUP-ROW-19	4/22/15	10:00	C	Solid			X	X	1	
NUP-ROW-20	4/22/15	10:30	C	Solid			X	X	1	
NUP-ROW-21	4/23/15	9:30	C	Solid			X	X	1	
NUP-ROW-22	4/22/15	8.30	C	Solid			X	X	1	
NUP-ROW-23	4/22/15	15:00	C	Solid			X	X	1	
NUP-ROW-24	4/22/15	13:00	C	Solid			X	X	1	
NUP-ROW-25	4/22/15	9:15	C	Solid			X	X	1	
NUP-ROW-26	4/22/15	11:00	C	Solid			X	X	1	
NUP-ROW-27	4/22/15	12:00	C	Solid			X	X	1	

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date	Time:	Method of Shipment:

	Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company
	[signature]	4/23/15 1530	Weston	[signature]	4-24-15 1125	TACC
	Relinquished by	Date/Time	Company	Received by	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No..

Cooler Temperature(s) °C and Other Remarks: 1.2 CF 1.0 2.3 CF 2.1 1124

4/28/2015

TestAmerica Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone (361) 289-2673 Fax (361) 289-2471

Chain of Custody Record

TestAmerica

Client Information	Sampler: Paula Stang / Elizabeth Howard	Lab PM: Cady, John M	Carrier Tracking No(s):	COC No.: 560-17198-410 8
Client Contact: Mr. Phil Bredfeldt	Phone: 512-651-7100	E-Mail: john.cady@testamericainc.com		Page: Page 2 of 4
Company: Weston Solutions, Inc.				Job #:
Address: 2705 Bee Cave Road Suite 100	Due Date Requested:			
City: Austin	TAT Requested (days): STANDARD			
State, Zip: TX, 78746				
Phone: 512-651-7128(Tel) 512-651-7101(Fax)	PO #: Purchase Order Requested			
Email: phil.bredfeldt@westonsolutions.com	WO #: 12776.008.011.1901			
Project Name: Weston-Laredo	Project #: 56002977			
Site: NUP-ROW-Soil Sampling / NMG Start.	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010 B - Total Antimony	Moisture	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
NUP-ROW-28	4/22/15	12:20	C	Solid			X	X	1	
NUP-ROW-29	4/22/15	12:40	C	Solid			X	X	1	
NUP-ROW-30	4/23/15	9:40	C	Solid			X	X	1	
NUP-ROW-31	4/23/15	9:50	C	Solid			X	X	1	
NUP-ROW-32	4/23/15	10:00	C	Solid			X	X	1	
NUP-ROW-33	4/22/15	16:00	C	Solid			X	X	1	
NUP-ROW-34	4/23/15	8:00	C	Solid			X	X	1	
NUP-ROW-35	4/23/15	8:15	C	Solid			X	X	1	
NUP-ROW-36	4/23/15	8:45	C	Solid			X	X	1	
NUP-ROW-37	4/22/15	1700	C	Solid			X	X	1	
NUP-ROW-38	4/23/15	9:00	C	Solid			X	X	1	

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date	Time:	Method of Shipment

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	4/23/15 1530	Weston			
Relinquished by:	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time:	Company	Received by:	Date/Time:	Company
			Received by:	4-24-15 1125	TACL

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.2 CF 2.0 2.3 CF 2.1 IR4

TestAmerica Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone (361) 289-2673 Fax (361) 289-2471

Chain of Custody Record

TestAmerica

Client Information	Sampler: Rachel Strong / Elizabeth Hawes	Lab PM: Cady, John M	Carrier Tracking No(s):	COC No. 560-17198-410 8
Client Contact: Mr Phil Bredfeldt	Phone: 512-651-7100	E-Mail: john.cady@testamericainc.com		Page: Page 3 of 4
Company: Weston Solutions, Inc.				Job #
Address: 2705 Bee Cave Road Suite 100	Due Date Requested:			
City: Austin	TAT Requested (days): STANDARD			
State, Zip: TX, 78746				
Phone: 512-651-7128(Tel) 512-651-7101(Fax)	PO #: Purchase Order Requested			
Email: phil.bredfeldt@westonsolutions.com	WO #: 12776.008.011.1901			
Project Name: Weston-Laredo	Project #: 56002977			
Site: NUP-ROW-Soil Sampling / MMG Bien	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8010 B - Total Antimony	Moisture	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
NUP-ROW-39	4/23/15	9:15	C	Solid			X	X	1	
NUP-ROW-40	4/22/15	18:00	C	Solid			X	X	1	
NUP-ROW-41	4/23/15	10:10	C	Solid			X	X	1	
NUP-ROW-42	4/23/15	10:20	C	Solid			X	X	1	
NUP-ROW-43	4/23/15	10:30	C	Solid			X	X	1	
NUP-ROW-44	4/23/15	10:40	C	Solid			X	X	1	
NUP-ROW-45	4/23/15	12:00	C	Solid			X	X	1	
NUP-ROW-25-D	4/22/15	9:15	C	Solid			X	X	1	
NUP-ROW-35-D	4/23/15	8:30	C	Solid			X	X	1	
NUP-ROW-35-MS/MSD	4/23/15	8:20	C	Solid		X	X	X	2	
NUP-ROW-44-D	4/23/15	10:45	C	Solid			X	X	1	

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

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

Deliverable Requested. I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by	Date:	Time	Method of Shipment
Relinquished by: [signature]	Date/Time: 4/23/15 / 15:30	Company	Received by: [signature]	Date/Time: 4-24-15 1125	Company: TACC
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No: | Cooler Temperature(s) °C and Other Remarks: 1.2 cf 1.0 2.3 cf 2.1 IR4

TestAmerica Corpus Christi
1733 N Padre Island Drive
Corpus Christi, TX 78408
Phone (361) 289-2673 Fax (361) 289-2471

Chain of Custody Record

TestAmerica

Client Information	Sampler: Paula Strong / E. Hancock	Lab PM: Cady, John M	Carrier Tracking No(s):	COC No: 560-17198-410.8
Client Contact: Mr. Phil Bredfeldt	Phone: 512-651-7100	E-Mail: john.cady@testamericainc.com		Page: Page 4 of 4
Company: Weston Solutions, Inc.				Job #:
Address: 2705 Bee Cave Road Suite 100	Due Date Requested:			
City: Austin	TAT Requested (days): STANDARD			
State, Zip: TX, 78746				
Phone: 512-651-7128(Tel) 512-651-7101(Fax)	PO #: Purchase Order Requested			
Email: phil.bredfeldt@westonsolutions.com	WO #: 12776.008.011.1901			
Project Name: Weston-Laredo	Project #: 56002977			
Site: NUP-ROW-Soil Sampling / LMG Client	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010 B - Total Antimony	Moisture	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
NUP-ROW-44-MS/MSD	4/23/15	1055	C	Solid		X	X	X	2	
NUP-ROW-46	4/23/15	1230	C	Solid			X	X	1	
NUP-ROW-47	4/23/15	1300	C	Solid			X	X	1	
NUP-ROW-48	4/23/15	1330	C	Solid			X	X	1	
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	4/23/15 1530		[signature]	4-24-15 1125	TAC
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No :

Cooler Temperature(s) °C and Other Remarks: 1.2 cf 10 2.3 cf 21 1.2 4

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 560-54316-1

Login Number: 54316
List Number: 1
Creator: Contreras, Kristen N

List Source: TestAmerica Corpus Christi

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

Unadjusted Detection Limits

Client: Weston Solutions, Inc.
Project/Site: Weston-Laredo

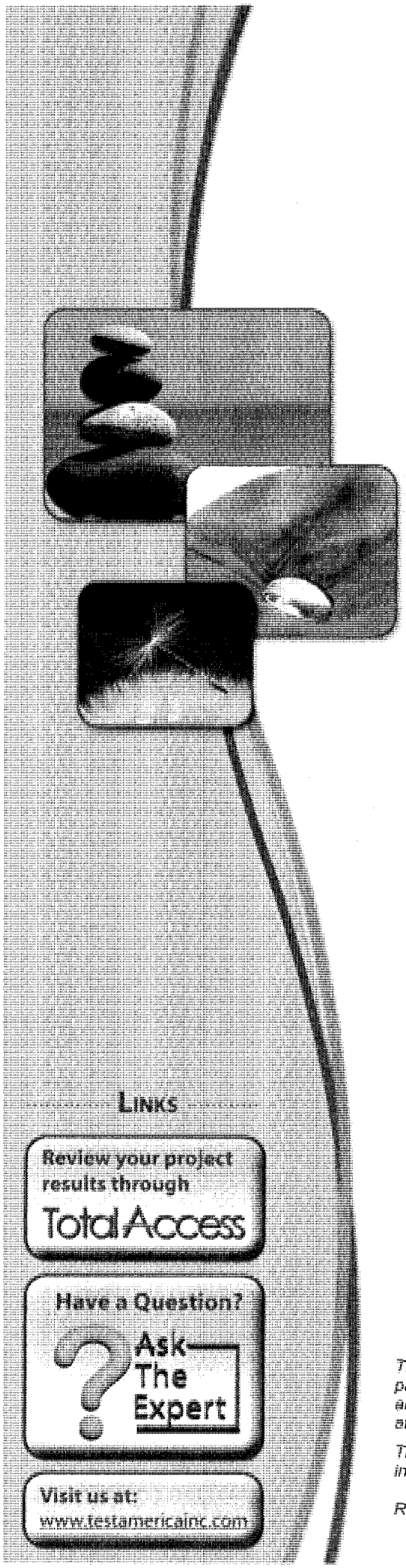
TestAmerica Job ID: 560-54316-1

Method: 6010B - Metals (ICP)

Analyte	MQL	MDL	Units	Method
Antimony	2.00	0.267	mg/Kg	6010B

General Chemistry

Analyte	MQL	MDL	Units	Method
Percent Moisture	0.10	0.10	%	Moisture



LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Tel: (361)289-2673

TestAmerica Job ID: 560-54385-1
Client Project/Site: Weston-Laredo

For:
Weston Solutions, Inc.
2705 Bee Cave Road
Suite 100
Austin, Texas 78746

Attn: Mr. Phil Bredfeldt

John Cady

Authorized for release by:
4/30/2015 2:57:58 PM

John Cady, Manager of Project Management
(713)690-4444
john.cady@testamericainc.com

Qualifiers

Metals

Qualifier	Qualifier Description
U	Analyte was not detected at or above the SDL.
J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.

Glossary

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

Appendix A
Laboratory Data Package Cover Page - Page 1 of 4

This data package is for TestAmerica Corpus Christi job number 560-54385-1 and consists of:

- ☑ R1 - Field chain-of-custody documentation;
- ☑ R2 - Sample identification cross-reference;
- ☑ R3 - Test reports (analytical data sheets) for each environmental sample that includes:
  a. Items consistent with NELAC Chapter 5,
  b. dilution factors,
  c. preparation methods,
  d. cleanup methods, and
  e. if required for the project, tentatively identified compounds (TICs).
- ☐ R4 - Surrogate recovery data including:
  a. Calculated recovery (%R), and
  b. The laboratory's surrogate QC limits.
- ☑ R5 - Test reports/summary forms for blank samples;
- ☑ R6 - Test reports/summary forms for laboratory control samples (LCSs) including:
  a. LCS spiking amounts,
  b. Calculated %R for each analyte, and
  c. The laboratory's LCS QC limits.
- ☑ R7 - Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
  a. Samples associated with the MS/MSD clearly identified,
  b. MS/MSD spiking amounts,
  c. Concentration of each MS/MSD analyte measured in the parent and spiked samples,
  d. Calculated %Rs and relative percent differences (RPDs), and
  e. The laboratory's MS/MSD QC limits
- ☑ R8 - Laboratory analytical duplicate (if applicable) recovery and precision:
  a. The amount of analyte measured in the duplicate,
  b. The calculated RPD, and
  c. The laboratory's QC limits for analytical duplicates.
- ☑ R9 - List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix.
- ☑ R10 - Other problems or anomalies.

The Exception Report for each "No" or "Not Reviewed (NR)" item in Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

John Cady		4/30/2015
Name (printed)	Signature	Date

Manager of Project Management
Official Title (printed)

Laboratory Review Checklist: Reportable Data - Page 2 of 4

Laboratory Name:	TestAmerica Corpus Christi	LRC Date:	4/30/2015
Project Name:	Weston-Laredo	Laboratory Job Number:	560-54385-1
Reviewer Name:	John Cady		

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**Chain-of-custody (C-O-C)**					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?	X				
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soils/solids samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, are TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X				
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference effects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review checklist: Supporting Data - Page 3 of 4

Laboratory Name:	TestAmerica Corpus Christi	LRC Date:	4/30/2015
Project Name:	Weston-Laredo	Laboratory Job Number:	560-54385-1
Reviewer Name:	John Cady		

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?	X				
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICV and CCV) and continuing calibration blank (CCB):**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS)**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC Section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?	X				
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs)**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results**					
		Were percent recoveries within method QC limits?	X				
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	X				
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs)**					
		Are laboratory SOPs current and on file for each method performed?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review Checklist: Exception Reports - Page 4 of 4

Laboratory Name:	TestAmerica Corpus Christi	LRC Date:	4/30/2015
Project Name:	Weston-Laredo	Laboratory Job Number:	560-54385-1
Reviewer Name:	John Cady		

ER #[1]	Description

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

TestAmerica - Corpus Christi
TRRP DCS EVALUATION SPREADSHEET

Matrix:	Solid
Method:	6010B
Prep Method:	3050B
Date Analyzed:	2/19/2015
Job #:	MDLV 560-52102-2
TALS Batch:	112974
Units:	mg/Kg

Analyte	Instrument #	MDL	DCS Spike	Measured Result	MQL
Ag	MTS6500	0.110	0.250	0.259	0.5
Al	MTS6500	3.070	5.000	7.886	5
As	MTS6500	0.145	0.250	0.187	2
B	MTS6500	0.414	1.000	1.043	10
Ba	MTS6500	0.189	0.250	0.276	1
Be	MTS6500	0.027	0.050	0.055	0.5
Ca	MTS6500	14.500	20.000	19.644	50
Cd	MTS6500	0.036	0.050	0.053	0.5
Co	MTS6500	0.028	0.050	0.059	1
Cr	MTS6500	0.134	0.250	0.286	1
Cu	MTS6500	0.201	0.500	0.570	2
Fe	MTS6500	5.000	10.000	9.463	20
K	MTS6500	15.200	25.000	23.707	100
Li	MTS6500	0.280	0.500	0.457	0.5
Mg	MTS6500	1.580	2.000	2.673	20
Mn	MTS6500	0.465	1.000	1.279	2.5
Mo	MTS6500	0.125	0.250	0.249	2
Na	MTS6500	15.100	20.000	16.742	100
Ni	MTS6500	0.124	0.250	0.272	2
P	MTS6500	1.660	2.000	1.876	50
Pb	MTS6500	0.152	0.250	0.332	0.5
Sb	MTS6500	0.267	0.500	0.537	2
Se	MTS6500	0.198	0.250	0.307	1
Si	MTS6500	6.320	10.000	10.114	20
Sn	MTS6500	1.840	4.000	4.448	10
Sr	MTS6500	0.078	0.100	0.119	1
Ti	MTS6500	0.125	0.250	0.240	1
Tl	MTS6500	0.119	0.250	0.021	1
V	MTS6500	0.050	0.100	0.125	1
Zn	MTS6500	0.570	1.000	1.049	2.5

DCS = Detection Check Standard
MQL = Method Quantitation Limit

Job ID: 560-54385-1

Laboratory: TestAmerica Corpus Christi

Narrative

Job Narrative
560-54385-1

Comments
No additional comments.

Receipt
The samples were received on 4/29/2015 9:40 AM; the samples arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 5.7° C.

Detection Summary

Client: Weston Solutions, Inc.
Project/Site: Weston-Laredo

TestAmerica Job ID: 560-54385-1

Client Sample ID: CS-S12-01 — Lab Sample ID: 560-54385-1

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	5.34		2.01	0.268	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S12-02 — Lab Sample ID: 560-54385-2

No Detections.

Client Sample ID: CS-S12-03 — Lab Sample ID: 560-54385-3

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.57	J	2.09	0.279	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S12-04 — Lab Sample ID: 560-54385-4

No Detections.

Client Sample ID: CS-S12-05 — Lab Sample ID: 560-54385-5

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	19.1		2.33	0.312	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S12-01-D — Lab Sample ID: 560-54385-6

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	3.19		1.98	0.265	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: CS-S12-01

Lab Sample ID: 560-54385-1
Date Collected: 04/28/15 14:45
Matrix: Solid
Date Received: 04/29/15 09:40
Percent Solids: 89.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.34		2.01	0.268	mg/Kg	☼	04/29/15 10:30	04/30/15 12:37	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		0.10	0.10	%			04/29/15 16:31	1

Client Sample ID: CS-S12-02

Lab Sample ID: 560-54385-2
Date Collected: 04/28/15 15:00
Matrix: Solid
Date Received: 04/29/15 09:40
Percent Solids: 82.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.323	U	2.42	0.323	mg/Kg	☼	04/29/15 10:30	04/30/15 13:06	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	17		0.10	0.10	%			04/29/15 16:31	1

Client Sample ID: CS-S12-03

Lab Sample ID: 560-54385-3
Date Collected: 04/28/15 15:15
Matrix: Solid
Date Received: 04/29/15 09:40
Percent Solids: 90.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.57	J	2.09	0.279	mg/Kg	☼	04/29/15 10:30	04/30/15 13:10	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.8		0.10	0.10	%			04/29/15 16:31	1

Client Sample ID: CS-S12-04

Lab Sample ID: 560-54385-4
Date Collected: 04/28/15 15:30
Matrix: Solid
Date Received: 04/29/15 09:40
Percent Solids: 89.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.289	U	2.17	0.289	mg/Kg	☼	04/29/15 10:30	04/30/15 13:14	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	10		0.10	0.10	%			04/29/15 16:31	1

Client Sample ID: CS-S12-05

Lab Sample ID: 560-54385-5
Date Collected: 04/28/15 15:05
Matrix: Solid
Date Received: 04/29/15 09:40
Percent Solids: 84.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	19.1		2.33	0.312	mg/Kg	☼	04/29/15 10:30	04/30/15 13:18	1

Client Sample ID: CS-S12-05

Lab Sample ID: 560-54385-5

Date Collected: 04/28/15 15:05
Date Received: 04/29/15 09:40

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15		0.10	0.10	%			04/29/15 16:31	1

Client Sample ID: CS-S12-01-D

Lab Sample ID: 560-54385-6

Date Collected: 04/28/15 14:45
Date Received: 04/29/15 09:40

Matrix: Solid
Percent Solids: 90.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	3.19		1.98	0.265	mg/Kg	☼	04/29/15 10:30	04/30/15 13:22	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.1		0.10	0.10	%			04/29/15 16:31	1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 560-115301/1-A
Matrix: Solid
Analysis Batch: 115373

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 115301

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.267	U	2.00	0.267	mg/Kg		04/29/15 10:30	04/30/15 12:29	1

Lab Sample ID: LCS 560-115301/2-A
Matrix: Solid
Analysis Batch: 115373

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 115301

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	25.0	25.76		mg/Kg		103	80 - 120

Lab Sample ID: 560-54385-1 MS
Matrix: Solid
Analysis Batch: 115373

Client Sample ID: CS-S12-01
Prep Type: Total/NA
Prep Batch: 115301

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	5.34		25.1	24.76		mg/Kg	☼	77	75 - 125

Lab Sample ID: 560-54385-1 MSD
Matrix: Solid
Analysis Batch: 115373

Client Sample ID: CS-S12-01
Prep Type: Total/NA
Prep Batch: 115301

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	5.34		26.0	26.18		mg/Kg	☼	80	75 - 125	6	20

Method: Moisture - Percent Moisture

Lab Sample ID: 560-54385-6 DU
Matrix: Solid
Analysis Batch: 115332

Client Sample ID: CS-S12-01-D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	9.1		9.3		%		2	40

Certification Summary

Client: Weston Solutions, Inc.
Project/Site: Weston-Laredo

TestAmerica Job ID: 560-54385-1

Laboratory: TestAmerica Corpus Christi

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Texas	NELAP	6	T104704210	03-31-16 *

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture

* Certification renewal pending - certification considered valid.

Method Summary

Client: Weston Solutions, Inc.
Project/Site: Weston-Laredo

TestAmerica Job ID: 560-54385-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL CC
Moisture	Percent Moisture	EPA	TAL CC

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL CC = TestAmerica Corpus Christi, 1733 N. Padre Island Drive, Corpus Christi, TX 78408, TEL (361)289-2673

Sample Summary

Client: Weston Solutions, Inc.
Project/Site: Weston-Laredo

TestAmerica Job ID: 560-54385-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
560-54385-1	CS-S12-01	Solid	04/28/15 14:45	04/29/15 09:40
560-54385-2	CS-S12-02	Solid	04/28/15 15:00	04/29/15 09:40
560-54385-3	CS-S12-03	Solid	04/28/15 15:15	04/29/15 09:40
560-54385-4	CS-S12-04	Solid	04/28/15 15:30	04/29/15 09:40
560-54385-5	CS-S12-05	Solid	04/28/15 15:05	04/29/15 09:40
560-54385-6	CS-S12-01-D	Solid	04/28/15 14:45	04/29/15 09:40

TestAmerica Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone (361) 289-2673 Fax (361) 289-2471

Chain of Custody Record

560-54385 Chain of Custody

Loc: 560
54385

Client Information	Sampler: JS	Lab PM: Cady, John M	COC No: 560-17198-410.8
Client Contact: Mr. Phil Bredfeldt	Phone: 512.651.7100	E-Mail: john.cady@testamericainc.com XT 125	Page: Page 1 of 1
Company: Weston Solutions, Inc.		Analysis Requested	Job #:
Address: 2705 Bee Cave Road Suite 100	Due Date Requested:		Preservation Codes:
City: Austin	TAT Requested (days): 24hrs		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - Di Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: TX, 78746			
Phone: 512-651-7128(Tel) 512-651-7101(Fax)	PO #: Purchase Order Requested		Other:
Email: phil.bredfeldt@westonsolutions.com	WO #:		
Project Name: Weston-Laredo	Project #: 56002977		
Site:	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010 B - Total Antimony	Moisture	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
CS-SI2-01	4.28.15	1445	G	Solid	N	N	I	I		
CS-SI2-02		1500		Solid			I	I		
CS-SI2-03		1515		Solid			I	I		
CS-SI2-04		1530		Solid			I	I		
CS-SI2-05		1505		Solid			I	I		
CS-SI2-01-D		0000		Solid			I	I		
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						

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

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

Deliverable Requested: I, II, III, IV, Other (specify) TRRP 13 Report

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
JACK Sims	4.28.15 / 1800	Weston		4/29/15 9:40	TACC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 5.9°C / 5.7°C

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 560-54385-1

Login Number: 54385
List Number: 1
Creator: Gilmore, Matthew

List Source: TestAmerica Corpus Christi

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

Unadjusted Detection Limits

Client: Weston Solutions, Inc.
Project/Site: Weston-Laredo

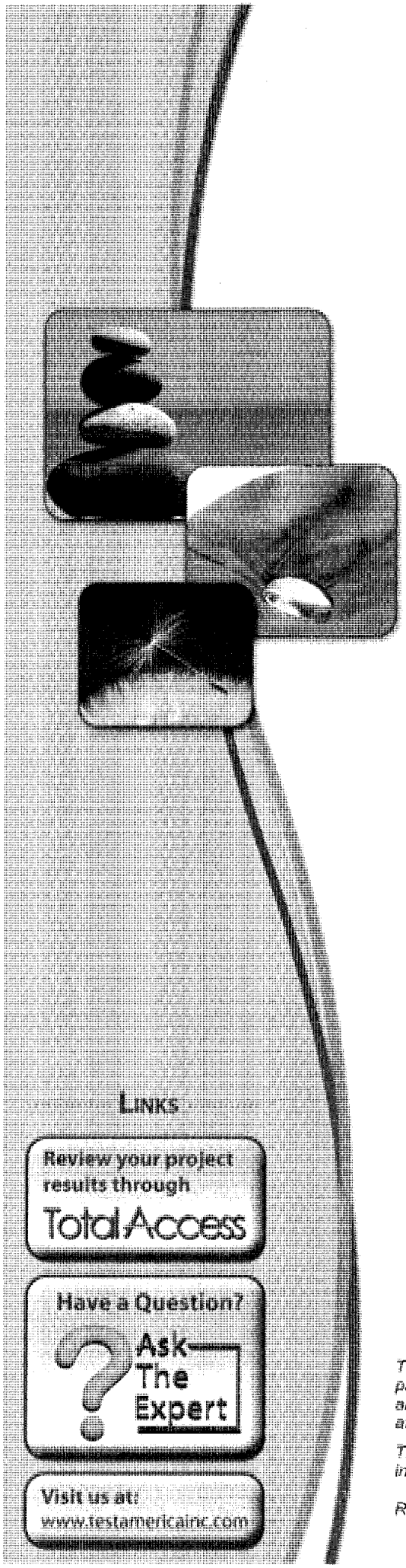
TestAmerica Job ID: 560-54385-1

Method: 6010B - Metals (ICP)

Analyte	MQL	MDL	Units	Method
Antimony	2.00	0.267	mg/Kg	6010B

General Chemistry

Analyte	MQL	MDL	Units	Method
Percent Moisture	0.10	0.10	%	Moisture



LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Tel: (361)289-2673

TestAmerica Job ID: 560-54477-1
Client Project/Site: Weston - Al Laredo - Removal

For:
Weston Solutions, Inc.
2705 Bee Cave Road
Suite 100
Austin, Texas 78746

Attn: Mr. Phil Bredfeldt

Authorized for release by:
5/6/2015 4:01:43 PM
Cathy Upton, Project Manager I
(713)690-4444
cathy.upton@testamericainc.com

Designee for

John Cady, Manager of Project Management
(713)690-4444
john.cady@testamericainc.com

Qualifiers

Metals

Qualifier	Qualifier Description
N1	MS, MSD: Spike recovery exceeds upper or lower control limits.
N2	RPD of the MS and MSD exceeds the control limits
J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
U	Analyte was not detected at or above the SDL.

Glossary

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

Appendix A
Laboratory Data Package Cover Page - Page 1 of 4

This data package is for TestAmerica Corpus Christi job number 560-54477-1 and consists of:

- ☑ R1 - Field chain-of-custody documentation;
- ☑ R2 - Sample identification cross-reference;
- ☑ R3 - Test reports (analytical data sheets) for each environmental sample that includes:
  a. Items consistent with NELAC Chapter 5,
  b. dilution factors,
  c. preparation methods,
  d. cleanup methods, and
  e. if required for the project, tentatively identified compounds (TICs).
- ☐ R4 - Surrogate recovery data including:
  a. Calculated recovery (%R), and
  b. The laboratory's surrogate QC limits.
- ☑ R5 - Test reports/summary forms for blank samples;
- ☑ R6 - Test reports/summary forms for laboratory control samples (LCSs) including:
  a. LCS spiking amounts,
  b. Calculated %R for each analyte, and
  c. The laboratory's LCS QC limits.
- ☑ R7 - Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
  a. Samples associated with the MS/MSD clearly identified,
  b. MS/MSD spiking amounts,
  c. Concentration of each MS/MSD analyte measured in the parent and spiked samples,
  d. Calculated %Rs and relative percent differences (RPDs), and
  e. The laboratory's MS/MSD QC limits
- ☑ R8 - Laboratory analytical duplicate (if applicable) recovery and precision:
  a. The amount of analyte measured in the duplicate,
  b. The calculated RPD, and
  c. The laboratory's QC limits for analytical duplicates.
- ☑ R9 - List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix.
- ☑ R10 - Other problems or anomalies.

The Exception Report for each "No" or "Not Reviewed (NR)" item in Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Cathy Upton, for John Cady		5/6/2015
Name (printed)	Signature	Date

Manager of Project Management
Official Title (printed)

Laboratory Review Checklist: Reportable Data - Page 2 of 4

Laboratory Name:	TestAmerica Corpus Christi	LRC Date:	5/6/2015
Project Name:	Weston - Al Laredo - Removal	Laboratory Job Number:	560-54477-1
Reviewer Name:	Cathy Upton, for John Cady		

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**Chain-of-custody (C-O-C)**					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?	X				
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soils/solids samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, are TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			R07C
		Were MS/MSD RPDs within laboratory QC limits?		X			R07D
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference effects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review checklist: Supporting Data - Page 3 of 4

Laboratory Name:	TestAmerica Corpus Christi	LRC Date:	5/6/2015
Project Name:	Weston - Al Laredo - Removal	Laboratory Job Number:	560-54477-1
Reviewer Name:	Cathy Upton, for John Cady		

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?	X				
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICV and CCV) and continuing calibration blank (CCB):**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS)**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC Section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?	X				
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs)**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results**					
		Were percent recoveries within method QC limits?	X				
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	X				
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs)**					
		Are laboratory SOPs current and on file for each method performed?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
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Laboratory Review Checklist: Exception Reports - Page 4 of 4

Laboratory Name:	TestAmerica Corpus Christi	LRC Date:	5/6/2015
Project Name:	Weston - Al Laredo - Removal	Laboratory Job Number:	560-54477-1
Reviewer Name:	Cathy Upton, for John Cady		

ER #[1]	Description
R07C	Method 6010B: 560-54477-1 MS/MSD failed the recovery criteria for the following analyte(s): Antimony. Matrix interference is suspected.
R07D	Method 6010B: 560-54477-1 MSD failed the RPD criteria for the following analyte(s): Antimony. Non-homogeneity is suspected.

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TestAmerica - Corpus Christi
TRRP DCS EVALUATION SPREADSHEET

Matrix:	Solid
Method:	6010B
Prep Method:	3050B
Date Analyzed:	2/19/2015
Job #:	MDLV 560-52102-2
TALS Batch:	112974
Units:	mg/Kg

Analyte	Instrument #	MDL	DCS Spike	Measured Result	MQL
Ag	MTS6500	0.110	0.250	0.259	0.5
Al	MTS6500	3.070	5.000	7.886	5
As	MTS6500	0.145	0.250	0.187	2
B	MTS6500	0.414	1.000	1.043	10
Ba	MTS6500	0.189	0.250	0.276	1
Be	MTS6500	0.027	0.050	0.055	0.5
Ca	MTS6500	14.500	20.000	19.644	50
Cd	MTS6500	0.036	0.050	0.053	0.5
Co	MTS6500	0.028	0.050	0.059	1
Cr	MTS6500	0.134	0.250	0.286	1
Cu	MTS6500	0.201	0.500	0.570	2
Fe	MTS6500	5.000	10.000	9.463	20
K	MTS6500	15.200	25.000	23.707	100
Li	MTS6500	0.280	0.500	0.457	0.5
Mg	MTS6500	1.580	2.000	2.673	20
Mn	MTS6500	0.465	1.000	1.279	2.5
Mo	MTS6500	0.125	0.250	0.249	2
Na	MTS6500	15.100	20.000	16.742	100
Ni	MTS6500	0.124	0.250	0.272	2
P	MTS6500	1.660	2.000	1.876	50
Pb	MTS6500	0.152	0.250	0.332	0.5
Sb	MTS6500	0.267	0.500	0.537	2
Se	MTS6500	0.198	0.250	0.307	1
Si	MTS6500	6.320	10.000	10.114	20
Sn	MTS6500	1.840	4.000	4.448	10
Sr	MTS6500	0.078	0.100	0.119	1
Ti	MTS6500	0.125	0.250	0.240	1
Tl	MTS6500	0.119	0.250	0.021	1
V	MTS6500	0.050	0.100	0.125	1
Zn	MTS6500	0.570	1.000	1.049	2.5

DCS = Detection Check Standard
MQL = Method Quantitation Limit

Job ID: 560-54477-1

Laboratory: TestAmerica Corpus Christi

Narrative

Job Narrative
560-54477-1

Comments
No additional comments.

Receipt
The samples were received on 5/5/2015 9:40 AM; the samples arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 3.2° C.

Client Sample ID: CS-S17-1 — Lab Sample ID: 560-54477-1

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	35.1		2.20	0.294	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-2 — Lab Sample ID: 560-54477-2

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	75.6		2.23	0.297	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-3 — Lab Sample ID: 560-54477-3

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	3.21		2.02	0.270	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-4 — Lab Sample ID: 560-54477-4

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	31.1		2.39	0.319	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-5 — Lab Sample ID: 560-54477-5

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	12.2		2.04	0.272	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-6 — Lab Sample ID: 560-54477-6

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	13.3		2.09	0.279	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-7 — Lab Sample ID: 560-54477-7

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	7.94		2.36	0.315	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-8 — Lab Sample ID: 560-54477-8

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	2.07	J	2.38	0.318	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S6-1 — Lab Sample ID: 560-54477-9

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	14.5		2.03	0.271	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S6-2 — Lab Sample ID: 560-54477-10

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	23.4		1.83	0.245	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S6-3 — Lab Sample ID: 560-54477-11

This Detection Summary does not include radiochemical test results.

Client Sample ID: CS-S6-3 (Continued)

Lab Sample ID: 560-54477-11

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	31.8		2.21	0.295	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S6-4

Lab Sample ID: 560-54477-12

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	169		2.41	0.321	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S6-5

Lab Sample ID: 560-54477-13

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	5.22		2.33	0.312	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S6-5-D

Lab Sample ID: 560-54477-14

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	5.75		2.24	0.299	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S6-6

Lab Sample ID: 560-54477-15

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	77.4		2.00	0.267	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: CS-S17-1

Date Collected: 05/04/15 14:00
Date Received: 05/05/15 09:40

Lab Sample ID: 560-54477-1
Matrix: Solid
Percent Solids: 84.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	35.1		2.20	0.294	mg/Kg	☼	05/05/15 11:00	05/05/15 15:59	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	16		0.10	0.10	%			05/05/15 16:50	1

Client Sample ID: CS-S17-2

Date Collected: 05/04/15 14:05
Date Received: 05/05/15 09:40

Lab Sample ID: 560-54477-2
Matrix: Solid
Percent Solids: 86.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	75.6		2.23	0.297	mg/Kg	☼	05/05/15 11:00	05/05/15 16:15	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14		0.10	0.10	%			05/05/15 16:50	1

Client Sample ID: CS-S17-3

Date Collected: 05/04/15 14:10
Date Received: 05/05/15 09:40

Lab Sample ID: 560-54477-3
Matrix: Solid
Percent Solids: 84.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	3.21		2.02	0.270	mg/Kg	☼	05/05/15 11:00	05/05/15 16:19	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15		0.10	0.10	%			05/05/15 16:50	1

Client Sample ID: CS-S17-4

Date Collected: 05/04/15 14:15
Date Received: 05/05/15 09:40

Lab Sample ID: 560-54477-4
Matrix: Solid
Percent Solids: 82.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	31.1		2.39	0.319	mg/Kg	☼	05/05/15 11:00	05/05/15 16:23	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	18		0.10	0.10	%			05/05/15 16:50	1

Client Sample ID: CS-S17-5

Date Collected: 05/04/15 14:20
Date Received: 05/05/15 09:40

Lab Sample ID: 560-54477-5
Matrix: Solid
Percent Solids: 84.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	12.2		2.04	0.272	mg/Kg	☼	05/05/15 11:00	05/05/15 16:27	1

Client Sample ID: CS-S17-5

Lab Sample ID: 560-54477-5
Matrix: Solid

Date Collected: 05/04/15 14:20
Date Received: 05/05/15 09:40

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15		0.10	0.10	%			05/05/15 16:50	1

Client Sample ID: CS-S17-6

Lab Sample ID: 560-54477-6
Matrix: Solid
Percent Solids: 84.0

Date Collected: 05/04/15 14:25
Date Received: 05/05/15 09:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	13.3		2.09	0.279	mg/Kg	☼	05/05/15 11:00	05/05/15 16:31	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	16		0.10	0.10	%			05/05/15 16:50	1

Client Sample ID: CS-S17-7

Lab Sample ID: 560-54477-7
Matrix: Solid
Percent Solids: 83.0

Date Collected: 05/04/15 14:30
Date Received: 05/05/15 09:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	7.94		2.36	0.315	mg/Kg	☼	05/05/15 11:00	05/05/15 16:35	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	17		0.10	0.10	%			05/05/15 16:50	1

Client Sample ID: CS-S17-8

Lab Sample ID: 560-54477-8
Matrix: Solid
Percent Solids: 84.0

Date Collected: 05/04/15 14:35
Date Received: 05/05/15 09:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.07	J	2.38	0.318	mg/Kg	☼	05/05/15 11:00	05/05/15 16:52	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	16		0.10	0.10	%			05/05/15 16:50	1

Client Sample ID: CS-S6-1

Lab Sample ID: 560-54477-9
Matrix: Solid
Percent Solids: 95.6

Date Collected: 05/04/15 15:16
Date Received: 05/05/15 09:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	14.5		2.03	0.271	mg/Kg	☼	05/05/15 11:00	05/05/15 16:56	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.4		0.10	0.10	%			05/05/15 16:50	1

Client Sample ID: CS-S6-2

Lab Sample ID: 560-54477-10
Matrix: Solid
Percent Solids: 95.7

Date Collected: 05/04/15 15:19
Date Received: 05/05/15 09:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	23.4		1.83	0.245	mg/Kg	☼	05/05/15 11:00	05/05/15 17:00	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.3		0.10	0.10	%			05/05/15 16:50	1

Client Sample ID: CS-S6-3

Lab Sample ID: 560-54477-11
Matrix: Solid
Percent Solids: 83.2

Date Collected: 05/04/15 15:20
Date Received: 05/05/15 09:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	31.8		2.21	0.295	mg/Kg	☼	05/05/15 11:00	05/05/15 17:04	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	17		0.10	0.10	%			05/05/15 16:50	1

Client Sample ID: CS-S6-4

Lab Sample ID: 560-54477-12
Matrix: Solid
Percent Solids: 74.9

Date Collected: 05/04/15 15:18
Date Received: 05/05/15 09:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	169		2.41	0.321	mg/Kg	☼	05/05/15 11:00	05/05/15 17:08	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	25		0.10	0.10	%			05/05/15 16:50	1

Client Sample ID: CS-S6-5

Lab Sample ID: 560-54477-13
Matrix: Solid
Percent Solids: 79.3

Date Collected: 05/04/15 15:17
Date Received: 05/05/15 09:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.22		2.33	0.312	mg/Kg	☼	05/05/15 11:00	05/05/15 17:12	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	21		0.10	0.10	%			05/05/15 16:50	1

Client Sample ID: CS-S6-5-D

Lab Sample ID: 560-54477-14
Matrix: Solid
Percent Solids: 74.9

Date Collected: 05/04/15 15:15
Date Received: 05/05/15 09:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.75		2.24	0.299	mg/Kg	☼	05/05/15 11:00	05/05/15 17:16	1

Client Sample ID: CS-S6-5-D

Lab Sample ID: 560-54477-14

Date Collected: 05/04/15 15:15
Date Received: 05/05/15 09:40

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	25		0.10	0.10	%			05/05/15 16:50	1

Client Sample ID: CS-S6-6

Lab Sample ID: 560-54477-15

Date Collected: 05/04/15 15:21
Date Received: 05/05/15 09:40

Matrix: Solid
Percent Solids: 91.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	77.4		2.00	0.267	mg/Kg	☼	05/05/15 11:00	05/05/15 17:20	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.0		0.10	0.10	%			05/05/15 16:50	1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 560-115481/1-A
Matrix: Solid
Analysis Batch: 115514

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 115481

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.267	U	2.00	0.267	mg/Kg		05/05/15 11:00	05/05/15 15:25	1

Lab Sample ID: LCS 560-115481/2-A
Matrix: Solid
Analysis Batch: 115514

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 115481

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	25.0	23.35		mg/Kg		93	80 - 120

Lab Sample ID: 560-54477-1 MS
Matrix: Solid
Analysis Batch: 115514

Client Sample ID: CS-S17-1
Prep Type: Total/NA
Prep Batch: 115481

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	35.1		28.3	37.22	N1	mg/Kg	☼	7	75 - 125

Lab Sample ID: 560-54477-1 MSD
Matrix: Solid
Analysis Batch: 115514

Client Sample ID: CS-S17-1
Prep Type: Total/NA
Prep Batch: 115481

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	35.1		27.0	50.73	N1 N2	mg/Kg	☼	58	75 - 125	31	20

Method: Moisture - Percent Moisture

Lab Sample ID: 560-54477-15 DU
Matrix: Solid
Analysis Batch: 115511

Client Sample ID: CS-S6-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	9.0		9.1		%		2	40

Certification Summary

Client: Weston Solutions, Inc.
Project/Site: Weston - Al Laredo - Removal

TestAmerica Job ID: 560-54477-1

Laboratory: TestAmerica Corpus Christi

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Texas	NELAP	6	T104704210	03-31-16

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture

Method Summary

Client: Weston Solutions, Inc.
Project/Site: Weston - Al Laredo - Removal

TestAmerica Job ID: 560-54477-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL CC
Moisture	Percent Moisture	EPA	TAL CC

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL CC = TestAmerica Corpus Christi, 1733 N. Padre Island Drive, Corpus Christi, TX 78408, TEL (361)289-2673

Sample Summary

Client: Weston Solutions, Inc.
Project/Site: Weston - Al Laredo - Removal

TestAmerica Job ID: 560-54477-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
560-54477-1	CS-S17-1	Solid	05/04/15 14:00	05/05/15 09:40
560-54477-2	CS-S17-2	Solid	05/04/15 14:05	05/05/15 09:40
560-54477-3	CS-S17-3	Solid	05/04/15 14:10	05/05/15 09:40
560-54477-4	CS-S17-4	Solid	05/04/15 14:15	05/05/15 09:40
560-54477-5	CS-S17-5	Solid	05/04/15 14:20	05/05/15 09:40
560-54477-6	CS-S17-6	Solid	05/04/15 14:25	05/05/15 09:40
560-54477-7	CS-S17-7	Solid	05/04/15 14:30	05/05/15 09:40
560-54477-8	CS-S17-8	Solid	05/04/15 14:35	05/05/15 09:40
560-54477-9	CS-S6-1	Solid	05/04/15 15:16	05/05/15 09:40
560-54477-10	CS-S6-2	Solid	05/04/15 15:19	05/05/15 09:40
560-54477-11	CS-S6-3	Solid	05/04/15 15:20	05/05/15 09:40
560-54477-12	CS-S6-4	Solid	05/04/15 15:18	05/05/15 09:40
560-54477-13	CS-S6-5	Solid	05/04/15 15:17	05/05/15 09:40
560-54477-14	CS-S6-5-D	Solid	05/04/15 15:15	05/05/15 09:40
560-54477-15	CS-S6-6	Solid	05/04/15 15:21	05/05/15 09:40

Loc: 560
54477

TestAmerica Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone (361) 289-2673 Fax (361) 289-2471

Chain of Custody Record

560-54477 Chain of Custody

TestAme
THE LEADER IN ENVIRONMENT

Client Information	Sampler: PS, AH, EH	Lab PM: Cady, John M	COC No: 560-17198-410.8
Client Contact: Mr. Phil Bredfeldt	Phone:	E-Mail: john.cady@testamericainc.com	Page: Page 1 of 2
Company: Weston Solutions, Inc.		Analysis Requested	Job #:
Address: 2705 Bee Cave Road Suite 100	Due Date Requested:		Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
City: Austin	TAT Requested (days): 24hr.		
State, Zip: TX, 78746			
Phone: 512-651-7128(Tel) 512-651-7101(Fax)	PO #: Purchase Order Requested		
Email: phil.bredfeldt@westonsolutions.com	WO #: 12776.008.011.1902		
Project Name: Weston-Laredo	Project #: 56002977		Other:
Site: AI - LAREDO - Removal	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010 B - Total Antimony	Moisture	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
CS-S17-1	5/4/15	1400	G	Solid			X	X	1	
CS-S17-2	5/4/15	1405	G	Solid			X	X	1	
CS-S17-3	5/4/15	1410	G	Solid			X	X	1	
CS-S17-4	5/4/15	1415	G	Solid			X	X	1	
CS-S17-5	5/4/15	1420	G	Solid			X	X	1	
CS-S17-6	5/4/15	1425	G	Solid			X	X	1	
CS-S17-7	5/4/15	1430	G	Solid			X	X	1	
CS-S17-8	5/4/15	1435	G	Solid			X	X	1	
CS-S17-1 MS/MSD	5/4/15	1400	G	Solid		X	X	X	2	
CS-S6-1	5/4/15	1516	G	Solid			X	X	1	
CS-S6-2	5/4/15	1519	G	Solid			X	X	1	

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

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

Deliverable Requested: I, II, III, IV, Other (specify) TRRP-13 Reporting

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: Fed Ex

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Elizabeth Harwood	1830 / 5/4/15	Weston		5/5/15 9:40	TLC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☑ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 3.4°C/3.2°C

5/6/2015

TestAmerica Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone (361) 289-2673 Fax (361) 289-2471

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: PS, AH, EH	Lab PM: Cady, John M	Carrier Tracking No(s):	COC No: 560-17198-410.8
Client Contact: Mr. Phil Bredfeldt	Phone:	E-Mail: john.cady@testamericainc.com		Page: Page 2 of 2
Company: Weston Solutions, Inc.				Job #:
Address: 2705 Bee Cave Road Suite 100	Due Date Requested:	Analysis Requested		Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
City: Austin	TAT Requested (days): 24 hr			
State, Zip: TX, 78746	PO #: Purchase Order Requested			
Phone: 512-651-7128(Tel) 512-651-7101(Fax)	WO #: 12776.008.011.1902			
Email: phil.bredfeldt@westonsolutions.com	Project #: 56002977			Other:
Project Name: Weston-Laredo	SSOW#:			
Site: A1 - LAREDO - Removal				

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010 B - Total Antimony	Moisture	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
CS-56-3	5/4/15	1520	G	Solid			X	X	1	
CS-56-4	5/4/15	1518	G	Solid			X	X	1	
CS-56-5	5/4/15	1517	G	Solid			X	X	1	
CS-56-5-D	5/4/15	1515	G	Solid			X	X	1	
CS-56-6	5/4/15	1521	G	Solid			X	X	1	
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						

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

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

Deliverable Requested: I, II, III, IV, Other (specify) TRRP-13 Reporting

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: Greyhound FedEx

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Elizabeth Hanson	1830/5/4/15	WESTON			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 560-54477-1

Login Number: 54477
List Number: 1
Creator: Gilmore, Matthew

List Source: TestAmerica Corpus Christi

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

Unadjusted Detection Limits

Client: Weston Solutions, Inc.
Project/Site: Weston - Al Laredo - Removal

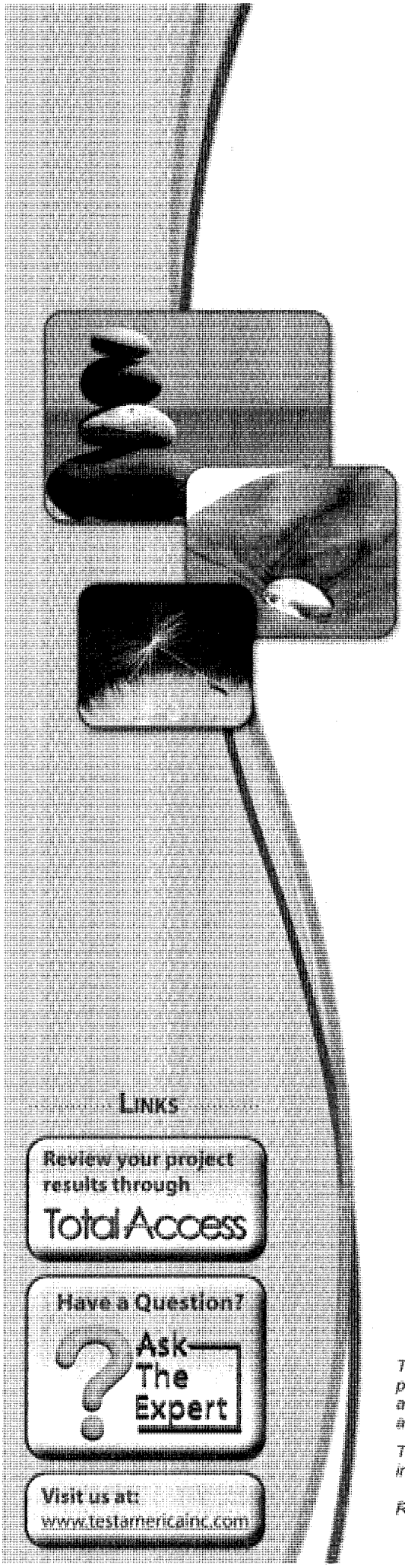
TestAmerica Job ID: 560-54477-1

Method: 6010B - Metals (ICP)

Analyte	MQL	MDL	Units	Method
Antimony	2.00	0.267	mg/Kg	6010B

General Chemistry

Analyte	MQL	MDL	Units	Method
Percent Moisture	0.10	0.10	%	Moisture



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Tel: (361)289-2673

TestAmerica Job ID: 560-54522-1
Client Project/Site: Al Laredo

For:
Weston Solutions, Inc.
2705 Bee Cave Road
Suite 100
Austin, Texas 78746

Attn: Mr. Phil Bredfeldt

John Cady

Authorized for release by:
5/7/2015 3:27:07 PM

John Cady, Manager of Project Management
(713)690-4444
john.cady@testamericainc.com

Table of Contents

Qualifiers

Metals

Qualifier	Qualifier Description
N1	MS, MSD: Spike recovery exceeds upper or lower control limits.
J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
U	Analyte was not detected at or above the SDL.

Glossary

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

Appendix A
Laboratory Data Package Cover Page - Page 1 of 4

This data package is for TestAmerica Corpus Christi job number 560-54522-1 and consists of:

- ☑ R1 - Field chain-of-custody documentation;
- ☑ R2 - Sample identification cross-reference;
- ☑ R3 - Test reports (analytical data sheets) for each environmental sample that includes:
  a. Items consistent with NELAC Chapter 5,
  b. dilution factors,
  c. preparation methods,
  d. cleanup methods, and
  e. if required for the project, tentatively identified compounds (TICs).
- ☐ R4 - Surrogate recovery data including:
  a. Calculated recovery (%R), and
  b. The laboratory's surrogate QC limits.
- ☑ R5 - Test reports/summary forms for blank samples;
- ☑ R6 - Test reports/summary forms for laboratory control samples (LCSs) including:
  a. LCS spiking amounts,
  b. Calculated %R for each analyte, and
  c. The laboratory's LCS QC limits.
- ☑ R7 - Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
  a. Samples associated with the MS/MSD clearly identified,
  b. MS/MSD spiking amounts,
  c. Concentration of each MS/MSD analyte measured in the parent and spiked samples,
  d. Calculated %Rs and relative percent differences (RPDs), and
  e. The laboratory's MS/MSD QC limits
- ☑ R8 - Laboratory analytical duplicate (if applicable) recovery and precision:
  a. The amount of analyte measured in the duplicate,
  b. The calculated RPD, and
  c. The laboratory's QC limits for analytical duplicates.
- ☑ R9 - List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix.
- ☑ R10 - Other problems or anomalies.

The Exception Report for each "No" or "Not Reviewed (NR)" item in Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Donnie Combs, for John Cady	Donnie Combs	5/7/2015
Name (printed)	Signature	Date

Manager of Project Management
Official Title (printed)

Laboratory Review Checklist: Reportable Data - Page 2 of 4

Laboratory Name:	TestAmerica Corpus Christi	LRC Date:	5/7/2015
Project Name:	Al Laredo	Laboratory Job Number:	560-54522-1
Reviewer Name:	Donnie Combs, for John Cady		

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**Chain-of-custody (C-O-C)**					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?	X				
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soils/solids samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, are TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			R07C
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference effects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review checklist: Supporting Data - Page 3 of 4

Laboratory Name:	TestAmerica Corpus Christi	LRC Date:	5/7/2015
Project Name:	Al Laredo	Laboratory Job Number:	560-54522-1
Reviewer Name:	Donnie Combs, for John Cady		

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?	X				
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICV and CCV) and continuing calibration blank (CCB):**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS)**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC Section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?	X				
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs)**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results**					
		Were percent recoveries within method QC limits?	X				
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	X				
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs)**					
		Are laboratory SOPs current and on file for each method performed?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review Checklist: Exception Reports - Page 4 of 4

Laboratory Name:	TestAmerica Corpus Christi	LRC Date:	5/7/2015
Project Name:	Al Laredo	Laboratory Job Number:	560-54522-1
Reviewer Name:	Donnie Combs, for John Cady		

ER #[1]	Description
R07C	Method 6010B: 560-54522-1 MS/MSD failed the recovery criteria for the following analyte(s): Antimony. Matrix interference is suspected.

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

TestAmerica - Corpus Christi
TRRP DCS EVALUATION SPREADSHEET

Matrix:	Solid
Method:	6010B
Prep Method:	3050B
Date Analyzed:	2/19/2015
Job #:	MDLV 560-52102-2
TALS Batch:	112974
Units:	mg/Kg

Analyte	Instrument #	MDL	DCS Spike	Measured Result	MQL
Ag	MTS6500	0.110	0.250	0.259	0.5
Al	MTS6500	3.070	5.000	7.886	5
As	MTS6500	0.145	0.250	0.187	2
B	MTS6500	0.414	1.000	1.043	10
Ba	MTS6500	0.189	0.250	0.276	1
Be	MTS6500	0.027	0.050	0.055	0.5
Ca	MTS6500	14.500	20.000	19.644	50
Cd	MTS6500	0.036	0.050	0.053	0.5
Co	MTS6500	0.028	0.050	0.059	1
Cr	MTS6500	0.134	0.250	0.286	1
Cu	MTS6500	0.201	0.500	0.570	2
Fe	MTS6500	5.000	10.000	9.463	20
K	MTS6500	15.200	25.000	23.707	100
Li	MTS6500	0.280	0.500	0.457	0.5
Mg	MTS6500	1.580	2.000	2.673	20
Mn	MTS6500	0.465	1.000	1.279	2.5
Mo	MTS6500	0.125	0.250	0.249	2
Na	MTS6500	15.100	20.000	16.742	100
Ni	MTS6500	0.124	0.250	0.272	2
P	MTS6500	1.660	2.000	1.876	50
Pb	MTS6500	0.152	0.250	0.332	0.5
Sb	MTS6500	0.267	0.500	0.537	2
Se	MTS6500	0.198	0.250	0.307	1
Si	MTS6500	6.320	10.000	10.114	20
Sn	MTS6500	1.840	4.000	4.448	10
Sr	MTS6500	0.078	0.100	0.119	1
Ti	MTS6500	0.125	0.250	0.240	1
Tl	MTS6500	0.119	0.250	0.021	1
V	MTS6500	0.050	0.100	0.125	1
Zn	MTS6500	0.570	1.000	1.049	2.5

DCS = Detection Check Standard
MQL = Method Quantitation Limit

Case Narrative

Client: Weston Solutions, Inc.
Project/Site: Al Laredo

TestAmerica Job ID: 560-54522-1

Job ID: 560-54522-1

Laboratory: TestAmerica Corpus Christi

Narrative

Job Narrative
560-54522-1

Comments
No additional comments.

Receipt
The samples were received on 5/6/2015 9:40 AM; the samples arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 5.7° C.

Sample Summary

Client: Weston Solutions, Inc.
Project/Site: Al Laredo

TestAmerica Job ID: 560-54522-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
560-54522-1	CS-S6-7	Solid	05/05/15 15:00	05/06/15 09:40
560-54522-2	CS-S6-8	Solid	05/05/15 15:02	05/06/15 09:40
560-54522-3	CS-S6-9	Solid	05/05/15 15:04	05/06/15 09:40
560-54522-4	CS-S6-10	Solid	05/05/15 15:06	05/06/15 09:40

Detection Summary

Client: Weston Solutions, Inc.
Project/Site: AI Laredo

TestAmerica Job ID: 560-54522-1

Client Sample ID: CS-S6-7 — Lab Sample ID: 560-54522-1

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	2.58		1.84	0.246	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S6-8 — Lab Sample ID: 560-54522-2

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	77.7		2.08	0.278	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S6-9 — Lab Sample ID: 560-54522-3

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.45	J	2.13	0.284	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S6-10 — Lab Sample ID: 560-54522-4

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	56.7		2.01	0.268	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: CS-S6-7

Lab Sample ID: 560-54522-1

Date Collected: 05/05/15 15:00
Date Received: 05/06/15 09:40

Matrix: Solid
Percent Solids: 89.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.58		1.84	0.246	mg/Kg	☼	05/06/15 15:01	05/06/15 17:23	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	10		0.10	0.10	%			05/06/15 16:06	1

Client Sample ID: CS-S6-8

Lab Sample ID: 560-54522-2

Date Collected: 05/05/15 15:02
Date Received: 05/06/15 09:40

Matrix: Solid
Percent Solids: 89.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	77.7		2.08	0.278	mg/Kg	☼	05/06/15 15:01	05/06/15 17:39	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		0.10	0.10	%			05/06/15 16:06	1

Client Sample ID: CS-S6-9

Lab Sample ID: 560-54522-3

Date Collected: 05/05/15 15:04
Date Received: 05/06/15 09:40

Matrix: Solid
Percent Solids: 85.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.45	J	2.13	0.284	mg/Kg	☼	05/06/15 15:01	05/06/15 17:43	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15		0.10	0.10	%			05/06/15 16:06	1

Client Sample ID: CS-S6-10

Lab Sample ID: 560-54522-4

Date Collected: 05/05/15 15:06
Date Received: 05/06/15 09:40

Matrix: Solid
Percent Solids: 86.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	56.7		2.01	0.268	mg/Kg	☼	05/06/15 15:01	05/06/15 18:00	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	13		0.10	0.10	%			05/06/15 16:06	1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 560-115557/1-A
Matrix: Solid
Analysis Batch: 115577

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 115557

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.267	U	2.00	0.267	mg/Kg		05/06/15 15:01	05/06/15 17:15	1

Lab Sample ID: LCS 560-115557/2-A
Matrix: Solid
Analysis Batch: 115577

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 115557

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	25.0	23.06		mg/Kg		92	80 - 120

Lab Sample ID: 560-54522-1 MS
Matrix: Solid
Analysis Batch: 115577

Client Sample ID: CS-S6-7
Prep Type: Total/NA
Prep Batch: 115557

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	2.58		26.5	17.41	N1	mg/Kg	☼	56	75 - 125

Lab Sample ID: 560-54522-1 MSD
Matrix: Solid
Analysis Batch: 115577

Client Sample ID: CS-S6-7
Prep Type: Total/NA
Prep Batch: 115557

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	2.58		26.8	18.69	N1	mg/Kg	☼	60	75 - 125	7	20

Method: Moisture - Percent Moisture

Lab Sample ID: 560-54522-4 DU
Matrix: Solid
Analysis Batch: 115567

Client Sample ID: CS-S6-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	13		14		%		6	40

Certification Summary

Client: Weston Solutions, Inc.
Project/Site: AI Laredo

TestAmerica Job ID: 560-54522-1

Laboratory: TestAmerica Corpus Christi

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Texas	NELAP	6	T104704210	03-31-16

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture

Method Summary

Client: Weston Solutions, Inc.
Project/Site: Al Laredo

TestAmerica Job ID: 560-54522-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL CC
Moisture	Percent Moisture	EPA	TAL CC

Protocol References:

EPA = US Environmental Protection Agency

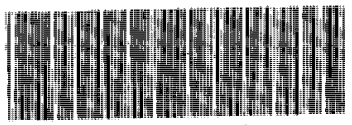
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CC = TestAmerica Corpus Christi, 1733 N. Padre Island Drive, Corpus Christi, TX 78408, TEL (361)289-2673

TestAmerica Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone (361) 289-2673 Fax (361) 289-2471

Chain of Custody Record



560-54522 Chain of Custody

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Loc: 560
54522

Client Information	Sampler: FS/EH/AH Weston.	Lab PM: Cady, John M	COC No: 560-17198-410.8
Client Contact: Mr. Phil Bredfeldt	Phone: 512-651-7100	E-Mail: john.cady@testamericainc.com	Page: Page 1 of 1
Company: Weston Solutions, Inc.		Analysis Requested	Job #:
Address: 2705 Bee Cave Road Suite 100	Due Date Requested:		Preservation Codes:
City: Austin	TAT Requested (days): 24hrs		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: TX, 78746			
Phone: 512-651-7128(Tel) 512-651-7101(Fax)	PO #: Purchase Order Requested		Other:
Email: phil.bredfeldt@westonsolutions.com	WO #: 12776.008.011.1902		
Project Name: Weston-Laredo	Project #: 56002977		
Site:	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010 B - Total Antimony	Moisture	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
CS-S6-7	5/5/15	1500	G	Solid			X	X	1	
CS-S6-8	5/5/15	1502	G	Solid			X	X	1	
CS-S6-9	5/5/15	1504	G	Solid			X	X	1	
CS-S6-10	5/5/15	1506	G	Solid			X	X	1	
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: FedEx

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	1630 / 5/5/15	Weston	[signature]	5/6/15 9:40	TSCC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☒ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 5.9 / 5.7°C

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 560-54522-1

Login Number: 54522
List Number: 1
Creator: Gilmore, Matthew

List Source: TestAmerica Corpus Christi

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

Unadjusted Detection Limits

Client: Weston Solutions, Inc.
Project/Site: Al Laredo

TestAmerica Job ID: 560-54522-1

Method: 6010B - Metals (ICP)

Analyte	MQL	MDL	Units	Method
Antimony	2.00	0.267	mg/Kg	6010B

General Chemistry

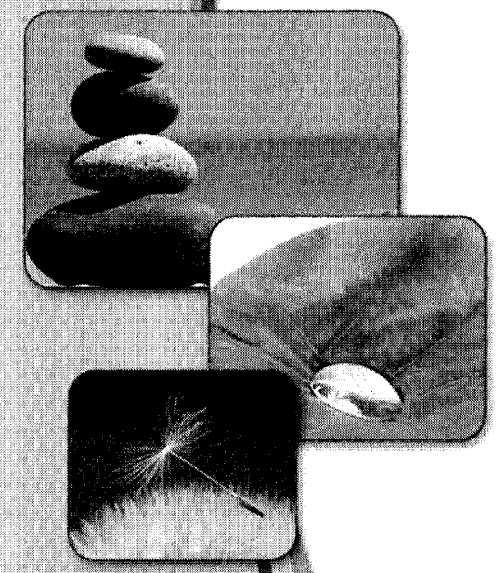
Analyte	MQL	MDL	Units	Method
Percent Moisture	0.10	0.10	%	Moisture

Sample Summary

Client: Weston Solutions, Inc.
Project/Site: AI Laredo

TestAmerica Job ID: 560-54522-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
560-54522-1	CS-S6-7	Solid	05/05/15 15:00	05/06/15 09:40
560-54522-2	CS-S6-8	Solid	05/05/15 15:02	05/06/15 09:40
560-54522-3	CS-S6-9	Solid	05/05/15 15:04	05/06/15 09:40
560-54522-4	CS-S6-10	Solid	05/05/15 15:06	05/06/15 09:40



TestAmerica

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Tel: (361)289-2673

TestAmerica Job ID: 560-54559-1
Client Project/Site: Weston-Laredo

For:
Weston Solutions, Inc.
2705 Bee Cave Road
Suite 100
Austin, Texas 78746

Attn: Mr. Phil Bredfeldt

Grady McDaniel

Authorized for release by:
5/11/2015 3:58:43 PM
Grady McDaniel, Project Management Assistant I
grady.mcdaniel@testamericainc.com

Designee for

John Cady, Manager of Project Management
(713)690-4444
john.cady@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

Appendix A
Laboratory Data Package Cover Page - Page 1 of 4

This data package is for TestAmerica Corpus Christi job number 560-54559-1 and consists of:

- ☑ R1 - Field chain-of-custody documentation;
- ☑ R2 - Sample identification cross-reference;
- ☑ R3 - Test reports (analytical data sheets) for each environmental sample that includes:
  a. Items consistent with NELAC Chapter 5,
  b. dilution factors,
  c. preparation methods,
  d. cleanup methods, and
  e. if required for the project, tentatively identified compounds (TICs).
- ☐ R4 - Surrogate recovery data including:
  a. Calculated recovery (%R), and
  b. The laboratory's surrogate QC limits.
- ☑ R5 - Test reports/summary forms for blank samples;
- ☑ R6 - Test reports/summary forms for laboratory control samples (LCSs) including:
  a. LCS spiking amounts,
  b. Calculated %R for each analyte, and
  c. The laboratory's LCS QC limits.
- ☑ R7 - Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
  a. Samples associated with the MS/MSD clearly identified,
  b. MS/MSD spiking amounts,
  c. Concentration of each MS/MSD analyte measured in the parent and spiked samples,
  d. Calculated %Rs and relative percent differences (RPDs), and
  e. The laboratory's MS/MSD QC limits
- ☑ R8 - Laboratory analytical duplicate (if applicable) recovery and precision:
  a. The amount of analyte measured in the duplicate,
  b. The calculated RPD, and
  c. The laboratory's QC limits for analytical duplicates.
- ☑ R9 - List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix.
- ☑ R10 - Other problems or anomalies.

The Exception Report for each "No" or "Not Reviewed (NR)" item in Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Grady McDaniel, for John Cady	Grady McDaniel	5/11/2015
Name (printed)	Signature	Date

Manager of Project Management
Official Title (printed)

Laboratory Review Checklist: Reportable Data - Page 2 of 4

Laboratory Name:	TestAmerica Corpus Christi	LRC Date:	5/11/2015
Project Name:	Weston-Laredo	Laboratory Job Number:	560-54559-1
Reviewer Name:	Grady McDaniel, for John Cady		

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**Chain-of-custody (C-O-C)**					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?	X				
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soils/solids samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, are TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			R07C
		Were MS/MSD RPDs within laboratory QC limits?		X			R07D
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference effects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review checklist: Supporting Data - Page 3 of 4

Laboratory Name:	TestAmerica Corpus Christi	LRC Date:	5/11/2015
Project Name:	Weston-Laredo	Laboratory Job Number:	560-54559-1
Reviewer Name:	Grady McDaniel, for John Cady		

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?	X				
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICV and CCV) and continuing calibration blank (CCB):**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS)**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC Section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?	X				
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs)**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results**					
		Were percent recoveries within method QC limits?	X				
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	X				
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs)**					
		Are laboratory SOPs current and on file for each method performed?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review Checklist: Exception Reports - Page 4 of 4

Laboratory Name:	TestAmerica Corpus Christi	LRC Date:	5/11/2015
Project Name:	Weston-Laredo	Laboratory Job Number:	560-54559-1
Reviewer Name:	Grady McDaniel, for John Cady		

ER #[1]	Description
R07C	Method 6010B: Due to the high concentration of taget analyte for antimony sample 560-54559-2 MS/MSD could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteriia.
R07D	Method 6010B: 560-54559-2 MSD failed the RPD criteria for the following analyte(s): Antimony.

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

TestAmerica - Corpus Christi
TRRP DCS EVALUATION SPREADSHEET

Matrix:	Solid
Method:	6010B
Prep Method:	3050B
Date Analyzed:	2/19/2015
Job #:	MDLV 560-52102-2
TALS Batch:	112974
Units:	mg/Kg

Analyte	Instrument #	MDL	DCS Spike	Measured Result	MQL
Ag	MTS6500	0.110	0.250	0.259	0.5
Al	MTS6500	3.070	5.000	7.886	5
As	MTS6500	0.145	0.250	0.187	2
B	MTS6500	0.414	1.000	1.043	10
Ba	MTS6500	0.189	0.250	0.276	1
Be	MTS6500	0.027	0.050	0.055	0.5
Ca	MTS6500	14.500	20.000	19.644	50
Cd	MTS6500	0.036	0.050	0.053	0.5
Co	MTS6500	0.028	0.050	0.059	1
Cr	MTS6500	0.134	0.250	0.286	1
Cu	MTS6500	0.201	0.500	0.570	2
Fe	MTS6500	5.000	10.000	9.463	20
K	MTS6500	15.200	25.000	23.707	100
Li	MTS6500	0.280	0.500	0.457	0.5
Mg	MTS6500	1.580	2.000	2.673	20
Mn	MTS6500	0.465	1.000	1.279	2.5
Mo	MTS6500	0.125	0.250	0.249	2
Na	MTS6500	15.100	20.000	16.742	100
Ni	MTS6500	0.124	0.250	0.272	2
P	MTS6500	1.660	2.000	1.876	50
Pb	MTS6500	0.152	0.250	0.332	0.5
Sb	MTS6500	0.267	0.500	0.537	2
Se	MTS6500	0.198	0.250	0.307	1
Si	MTS6500	6.320	10.000	10.114	20
Sn	MTS6500	1.840	4.000	4.448	10
Sr	MTS6500	0.078	0.100	0.119	1
Ti	MTS6500	0.125	0.250	0.240	1
Tl	MTS6500	0.119	0.250	0.021	1
V	MTS6500	0.050	0.100	0.125	1
Zn	MTS6500	0.570	1.000	1.049	2.5

DCS = Detection Check Standard
MQL = Method Quantitation Limit

Job ID: 560-54559-1

Laboratory: TestAmerica Corpus Christi

Narrative

Job Narrative
560-54559-1

Comments
No additional comments.

Receipt
The samples were received on 5/8/2015 10:10 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.5° C.

Sample Summary

Client: Weston Solutions, Inc.
Project/Site: Weston-Laredo

TestAmerica Job ID: 560-54559-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
560-54559-1	CS-S17-09	Solid	05/07/15 15:15	05/08/15 10:10
560-54559-2	CS-S17-10	Solid	05/07/15 15:20	05/08/15 10:10
560-54559-3	CS-S17-11	Solid	05/07/15 15:25	05/08/15 10:10
560-54559-4	CS-S17-12	Solid	05/07/15 15:30	05/08/15 10:10
560-54559-5	CS-S17-13	Solid	05/07/15 15:35	05/08/15 10:10
560-54559-6	CS-S17-14	Solid	05/07/15 15:40	05/08/15 10:10
560-54559-7	CS-S17-15	Solid	05/07/15 15:45	05/08/15 10:10
560-54559-8	CS-S17-15-D	Solid	05/07/15 16:10	05/08/15 10:10
560-54559-9	CS-S17-16	Solid	05/07/15 15:50	05/08/15 10:10
560-54559-10	CS-S17-17	Solid	05/07/15 15:55	05/08/15 10:10
560-54559-11	CS-S17-18	Solid	05/07/15 16:00	05/08/15 10:10
560-54559-12	CS-S17-19	Solid	05/07/15 16:05	05/08/15 10:10
560-54559-13	CS-S17-09-D	Solid	05/07/15 16:15	05/08/15 10:10

Detection Summary

Client: Weston Solutions, Inc.
Project/Site: Weston-Laredo

TestAmerica Job ID: 560-54559-1

Client Sample ID: CS-S17-09 — Lab Sample ID: 560-54559-1

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.712	J	1.92	0.257	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-10 — Lab Sample ID: 560-54559-2

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	128		2.06	0.275	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-11 — Lab Sample ID: 560-54559-3

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.98		1.78	0.238	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-12 — Lab Sample ID: 560-54559-4

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	132		2.04	0.273	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-13 — Lab Sample ID: 560-54559-5

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	138		2.14	0.285	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-14 — Lab Sample ID: 560-54559-6

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	44.9		1.87	0.250	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-15 — Lab Sample ID: 560-54559-7

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	89.5		1.98	0.265	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-15-D — Lab Sample ID: 560-54559-8

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	80.7		2.07	0.276	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-16 — Lab Sample ID: 560-54559-9

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	127		1.89	0.252	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-17 — Lab Sample ID: 560-54559-10

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	42.4		1.99	0.265	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-18 — Lab Sample ID: 560-54559-11

This Detection Summary does not include radiochemical test results.

Client Sample ID: CS-S17-18 (Continued)

Lab Sample ID: 560-54559-11

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	4.12		1.59	0.212	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-19

Lab Sample ID: 560-54559-12

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.369	J	1.92	0.257	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-09-D

Lab Sample ID: 560-54559-13

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.09	J	2.13	0.284	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: CS-S17-09

Lab Sample ID: 560-54559-1
Date Collected: 05/07/15 15:15
Matrix: Solid
Date Received: 05/08/15 10:10
Percent Solids: 84.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.712	J	1.92	0.257	mg/Kg	☼	05/08/15 11:30	05/08/15 15:11	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15		0.10	0.10	%			05/08/15 14:31	1

Client Sample ID: CS-S17-10

Lab Sample ID: 560-54559-2
Date Collected: 05/07/15 15:20
Matrix: Solid
Date Received: 05/08/15 10:10
Percent Solids: 88.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	128		2.06	0.275	mg/Kg	☼	05/08/15 11:30	05/08/15 15:15	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		0.10	0.10	%			05/08/15 14:31	1

Client Sample ID: CS-S17-11

Lab Sample ID: 560-54559-3
Date Collected: 05/07/15 15:25
Matrix: Solid
Date Received: 05/08/15 10:10
Percent Solids: 94.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.98		1.78	0.238	mg/Kg	☼	05/08/15 11:30	05/08/15 15:31	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	5.7		0.10	0.10	%			05/08/15 14:31	1

Client Sample ID: CS-S17-12

Lab Sample ID: 560-54559-4
Date Collected: 05/07/15 15:30
Matrix: Solid
Date Received: 05/08/15 10:10
Percent Solids: 90.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	132		2.04	0.273	mg/Kg	☼	05/08/15 11:30	05/08/15 15:48	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.9		0.10	0.10	%			05/08/15 14:31	1

Client Sample ID: CS-S17-13

Lab Sample ID: 560-54559-5
Date Collected: 05/07/15 15:35
Matrix: Solid
Date Received: 05/08/15 10:10
Percent Solids: 87.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	138		2.14	0.285	mg/Kg	☼	05/08/15 11:30	05/08/15 15:52	1

Client Sample ID: CS-S17-13

Lab Sample ID: 560-54559-5
Matrix: Solid

Date Collected: 05/07/15 15:35
Date Received: 05/08/15 10:10

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		0.10	0.10	%			05/08/15 14:31	1

Client Sample ID: CS-S17-14

Lab Sample ID: 560-54559-6
Matrix: Solid
Percent Solids: 87.5

Date Collected: 05/07/15 15:40
Date Received: 05/08/15 10:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	44.9		1.87	0.250	mg/Kg	☼	05/08/15 11:30	05/08/15 15:56	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		0.10	0.10	%			05/08/15 14:31	1

Client Sample ID: CS-S17-15

Lab Sample ID: 560-54559-7
Matrix: Solid
Percent Solids: 87.6

Date Collected: 05/07/15 15:45
Date Received: 05/08/15 10:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	89.5		1.98	0.265	mg/Kg	☼	05/08/15 11:30	05/08/15 16:00	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		0.10	0.10	%			05/08/15 14:31	1

Client Sample ID: CS-S17-15-D

Lab Sample ID: 560-54559-8
Matrix: Solid
Percent Solids: 88.0

Date Collected: 05/07/15 16:10
Date Received: 05/08/15 10:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	80.7		2.07	0.276	mg/Kg	☼	05/08/15 11:30	05/08/15 16:03	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		0.10	0.10	%			05/08/15 14:31	1

Client Sample ID: CS-S17-16

Lab Sample ID: 560-54559-9
Matrix: Solid
Percent Solids: 88.6

Date Collected: 05/07/15 15:50
Date Received: 05/08/15 10:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	127		1.89	0.252	mg/Kg	☼	05/08/15 11:30	05/08/15 16:07	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		0.10	0.10	%			05/08/15 14:31	1

Client Sample ID: CS-S17-17

Lab Sample ID: 560-54559-10
Date Collected: 05/07/15 15:55
Matrix: Solid
Date Received: 05/08/15 10:10
Percent Solids: 84.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	42.4		1.99	0.265	mg/Kg	☼	05/08/15 11:30	05/08/15 16:12	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	16		0.10	0.10	%			05/08/15 14:31	1

Client Sample ID: CS-S17-18

Lab Sample ID: 560-54559-11
Date Collected: 05/07/15 16:00
Matrix: Solid
Date Received: 05/08/15 10:10
Percent Solids: 92.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	4.12		1.59	0.212	mg/Kg	☼	05/08/15 11:30	05/08/15 16:16	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.7		0.10	0.10	%			05/08/15 14:31	1

Client Sample ID: CS-S17-19

Lab Sample ID: 560-54559-12
Date Collected: 05/07/15 16:05
Matrix: Solid
Date Received: 05/08/15 10:10
Percent Solids: 83.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.369	J	1.92	0.257	mg/Kg	☼	05/08/15 11:30	05/08/15 16:19	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	17		0.10	0.10	%			05/08/15 14:31	1

Client Sample ID: CS-S17-09-D

Lab Sample ID: 560-54559-13
Date Collected: 05/07/15 16:15
Matrix: Solid
Date Received: 05/08/15 10:10
Percent Solids: 84.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.09	J	2.13	0.284	mg/Kg	☼	05/08/15 11:30	05/08/15 16:23	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	16		0.10	0.10	%			05/08/15 14:31	1

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
N2	RPD of the MS and MSD exceeds the control limits
U	Analyte was not detected at or above the SDL.

Glossary

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

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 560-115637/1-A
Matrix: Solid
Analysis Batch: 115660

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 115637

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.267	U	2.00	0.267	mg/Kg		05/08/15 11:30	05/08/15 15:03	1

Lab Sample ID: LCS 560-115637/2-A
Matrix: Solid
Analysis Batch: 115660

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 115637

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	25.0	23.23		mg/Kg		93	80 - 120

Lab Sample ID: 560-54559-2 MS
Matrix: Solid
Analysis Batch: 115660

Client Sample ID: CS-S17-10
Prep Type: Total/NA
Prep Batch: 115637

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	128		27.4	145.9	4	mg/Kg	☼	66	75 - 125

Lab Sample ID: 560-54559-2 MSD
Matrix: Solid
Analysis Batch: 115660

Client Sample ID: CS-S17-10
Prep Type: Total/NA
Prep Batch: 115637

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	128		25.0	111.4	4 N2	mg/Kg	☼	-66	75 - 125	27	20

Method: Moisture - Percent Moisture

Lab Sample ID: 560-54563-D-1 DU
Matrix: Solid
Analysis Batch: 115646

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	4.6		4.5		%		3	40

Certification Summary

Client: Weston Solutions, Inc.
Project/Site: Weston-Laredo

TestAmerica Job ID: 560-54559-1

Laboratory: TestAmerica Corpus Christi

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Texas	NELAP	6	T104704210	03-31-16

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture

Method Summary

Client: Weston Solutions, Inc.
Project/Site: Weston-Laredo

TestAmerica Job ID: 560-54559-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL CC
Moisture	Percent Moisture	EPA	TAL CC

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL CC = TestAmerica Corpus Christi, 1733 N. Padre Island Drive, Corpus Christi, TX 78408, TEL (361)289-2673

TestAmerica Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone (361) 289-2673 Fax (361) 289-2471

Chain of Custody Record

Loc: 560
54559

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: EH	Lab PM: Cady, John M	Carrier:	COC No: 560-17328-1916
Client Contact: Mr. Phil Bredfeldt	Phone: 512-651-7100	E-Mail: john.cady@testamericainc.com		Page: Page 1 of 2
Company: Weston Solutions, Inc.				Job #:
Address: 2705 Bee Cave Road Suite 100	Due Date Requested:			
City: Austin	TAT Requested (days): 24 hr			
State, Zip: TX, 78746				
Phone: 512-651-7128(Tel) 512-651-7101(Fax)	PO #: Purchase Order Requested			
Email: phil.bredfeldt@westonsolutions.com	WO #:			
Project Name: Weston-Laredo	Project #: 56002977			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010 B - Total Antimony	Moisture	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	N	X	
CS-S17-09	5/7/2015	15:15	G	Solid			X	X		
CS-S17-10		1520		Solid						
CS-S17-11		1525		Solid						
CS-S17-12		1530		Solid						
CS-S17-13		1535		Solid						
CS-S17-14		1540		Solid						
CS-S17-15		1545		Solid						
CS-S17-15-D		1610		Solid						
CS-S17-16		1550		Solid						
CS-S17-17		1555		Solid						
CS-S17-18		1600		Solid						

560-54559 Chain of Custody

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

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

Deliverable Requested: I, II, III, IV, Other (specify) TRRP-13 reporting

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: FedEx

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Elizabeth Harwood	5/7/15 1930	Weston		5-8-15 1020	TACC
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☑ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 560-012 4.7/4.5°C

5/11/2015

TestAmerica Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone (361) 289-2673 Fax (361) 289-2471

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: EH	Lab PM: Cady, John M	Carrier Tracking No(s):	COC No: 560-17328-1916
Client Contact: Mr. Phil Bredfeldt	Phone: 512-651-7100	E-Mail: john.cady@testamericainc.com		Page: Page 2 of 2
Company: Weston Solutions, Inc.				Job #:
Address: 2705 Bee Cave Road Suite 100	Due Date Requested:			
City: Austin	TAT Requested (days): ~~Standard~~ 24 hr			
State, Zip: TX, 78746				
Phone: 512-651-7128(Tel) 512-651-7101(Fax)	PO #: Purchase Order Requested			
Email: phil.bredfeldt@westonsolutions.com	WO #:			
Project Name: Weston-Laredo	Project #: 56002977			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010 B - Total Antimony	Moisture	Total Number of containers	Special Instructions/Note:
				Preservation Code:	X	X	N	N	X	
CS-S17-19	5/7/15	1605	G	Solid			X	X	1	
CS-S17-09-D	5/7/15	1615	G	Solid			X	X	1	
CS-S17-10-MSMSD	5/7/15	1620	G	Solid		X	X	X	2	
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						

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

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

Deliverable Requested: I, II, III, IV, Other (specify) TRRP-13 Reporting

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: FedEx		
Relinquished by: Elizabeth Hamod / [signature]	Date/Time: 5/7/15 / 1930	Company: Weston	Received by: [signature]	Date/Time: 5-8-15 10:10	Company: TACC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 560-012 4.7°C/4.5°C

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 560-54559-1

Login Number: 54559
List Number: 1
Creator: Gilmore, Matthew

List Source: TestAmerica Corpus Christi

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

Unadjusted Detection Limits

Client: Weston Solutions, Inc.
Project/Site: Weston-Laredo

TestAmerica Job ID: 560-54559-1

Method: 6010B - Metals (ICP)

Analyte	MQL	MDL	Units	Method
Antimony	2.00	0.267	mg/Kg	6010B

General Chemistry

Analyte	MQL	MDL	Units	Method
Percent Moisture	0.10	0.10	%	Moisture

Detection Summary

Client: Weston Solutions, Inc.
Project/Site: Weston-Laredo

TestAmerica Job ID: 560-54559-1

Client Sample ID: CS-S17-09 — Lab Sample ID: 560-54559-1

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.712	J	1.92	0.257	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-10 — Lab Sample ID: 560-54559-2

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	128		2.06	0.275	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-11 — Lab Sample ID: 560-54559-3

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.98		1.78	0.238	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-12 — Lab Sample ID: 560-54559-4

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	132		2.04	0.273	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-13 — Lab Sample ID: 560-54559-5

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	138		2.14	0.285	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-14 — Lab Sample ID: 560-54559-6

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	44.9		1.87	0.250	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-15 — Lab Sample ID: 560-54559-7

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	89.5		1.98	0.265	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-15-D — Lab Sample ID: 560-54559-8

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	80.7		2.07	0.276	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-16 — Lab Sample ID: 560-54559-9

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	127		1.89	0.252	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-17 — Lab Sample ID: 560-54559-10

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	42.4		1.99	0.265	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-18 — Lab Sample ID: 560-54559-11

This Detection Summary does not include radiochemical test results.

Client Sample ID: CS-S17-18 (Continued)

Lab Sample ID: 560-54559-11

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	4.12		1.59	0.212	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-19

Lab Sample ID: 560-54559-12

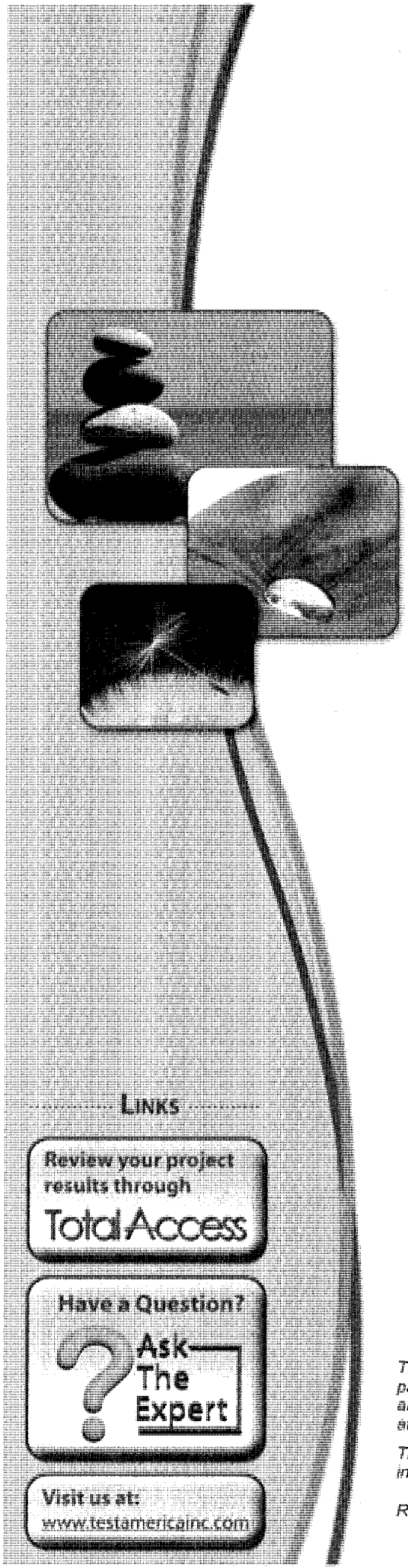
Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.369	J	1.92	0.257	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-09-D

Lab Sample ID: 560-54559-13

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.09	J	2.13	0.284	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.



LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Tel: (361)289-2673

TestAmerica Job ID: 560-54604-1
Client Project/Site: Al Laredo Quarterly Sampling

For:
Weston Solutions, Inc.
2705 Bee Cave Road
Suite 100
Austin, Texas 78746

Attn: Mr. Phil Bredfeldt

Authorized for release by:
5/13/2015 3:25:07 PM
Donnie Combs, Project Management Assistant I
(713)690-4444
donnie.combs@testamericainc.com

Designee for

John Cady, Manager of Project Management
(713)690-4444
john.cady@testamericainc.com

Table of Contents

Appendix A
Laboratory Data Package Cover Page - Page 1 of 4

This data package is for TestAmerica Corpus Christi job number 560-54604-1 and consists of:

- ☑ R1 - Field chain-of-custody documentation;
- ☑ R2 - Sample identification cross-reference;
- ☑ R3 - Test reports (analytical data sheets) for each environmental sample that includes:
  a. Items consistent with NELAC Chapter 5,
  b. dilution factors,
  c. preparation methods,
  d. cleanup methods, and
  e. if required for the project, tentatively identified compounds (TICs).
- ☐ R4 - Surrogate recovery data including:
  a. Calculated recovery (%R), and
  b. The laboratory's surrogate QC limits.
- ☑ R5 - Test reports/summary forms for blank samples;
- ☑ R6 - Test reports/summary forms for laboratory control samples (LCSs) including:
  a. LCS spiking amounts,
  b. Calculated %R for each analyte, and
  c. The laboratory's LCS QC limits.
- ☑ R7 - Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
  a. Samples associated with the MS/MSD clearly identified,
  b. MS/MSD spiking amounts,
  c. Concentration of each MS/MSD analyte measured in the parent and spiked samples,
  d. Calculated %Rs and relative percent differences (RPDs), and
  e. The laboratory's MS/MSD QC limits
- ☑ R8 - Laboratory analytical duplicate (if applicable) recovery and precision:
  a. The amount of analyte measured in the duplicate,
  b. The calculated RPD, and
  c. The laboratory's QC limits for analytical duplicates.
- ☑ R9 - List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix.
- ☑ R10 - Other problems or anomalies.

The Exception Report for each "No" or "Not Reviewed (NR)" item in Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Donnie Combs, for John Cady		5/13/2015
Name (printed)	Signature	Date

Manager of Project Management
Official Title (printed)

Laboratory Review Checklist: Reportable Data - Page 2 of 4

Laboratory Name:	TestAmerica Corpus Christi	LRC Date:	5/13/2015
Project Name:	Al Laredo Quarterly Sampling	Laboratory Job Number:	560-54604-1
Reviewer Name:	Donnie Combs, for John Cady		

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**Chain-of-custody (C-O-C)**					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?	X				
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soils/solids samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, are TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			R07C
		Were MS/MSD RPDs within laboratory QC limits?		X			R07D
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference effects on the sample results?		X			R10B
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review checklist: Supporting Data - Page 3 of 4

Laboratory Name:	TestAmerica Corpus Christi	LRC Date:	5/13/2015
Project Name:	Al Laredo Quarterly Sampling	Laboratory Job Number:	560-54604-1
Reviewer Name:	Donnie Combs, for John Cady		

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?	X				
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICV and CCV) and continuing calibration blank (CCB):**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS)**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC Section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?	X				
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs)**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results**					
		Were percent recoveries within method QC limits?	X				
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	X				
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs)**					
		Are laboratory SOPs current and on file for each method performed?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review Checklist: Exception Reports - Page 4 of 4

Laboratory Name:	TestAmerica Corpus Christi	LRC Date:	5/13/2015
Project Name:	Al Laredo Quarterly Sampling	Laboratory Job Number:	560-54604-1
Reviewer Name:	Donnie Combs, for John Cady		

ER #[1]	Description
R07C	Method 6010B: 560-54604-6 MS/MSD failed the recovery criteria for the following analyte(s): Antimony. Matrix interference is suspected.
R07D	Method 6010B: 560-54604-6 MSD failed the RPD criteria for the following analyte(s): Antimony.
R10B	Method 6010B: The following sample(s) was diluted due to the abundance of non-target analytes: 560-54604-3 and 560-54604-4. Elevated reporting limits (RLs) are provided.

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

TestAmerica - Corpus Christi
TRRP DCS EVALUATION SPREADSHEET

Matrix:	Solid
Method:	6010B
Prep Method:	3050B
Date Analyzed:	2/19/2015
Job #:	MDLV 560-52102-2
TALS Batch:	112974
Units:	mg/Kg

Analyte	Instrument #	MDL	DCS Spike	Measured Result	MQL
Ag	MTS6500	0.110	0.250	0.259	0.5
Al	MTS6500	3.070	5.000	7.886	5
As	MTS6500	0.145	0.250	0.187	2
B	MTS6500	0.414	1.000	1.043	10
Ba	MTS6500	0.189	0.250	0.276	1
Be	MTS6500	0.027	0.050	0.055	0.5
Ca	MTS6500	14.500	20.000	19.644	50
Cd	MTS6500	0.036	0.050	0.053	0.5
Co	MTS6500	0.028	0.050	0.059	1
Cr	MTS6500	0.134	0.250	0.286	1
Cu	MTS6500	0.201	0.500	0.570	2
Fe	MTS6500	5.000	10.000	9.463	20
K	MTS6500	15.200	25.000	23.707	100
Li	MTS6500	0.280	0.500	0.457	0.5
Mg	MTS6500	1.580	2.000	2.673	20
Mn	MTS6500	0.465	1.000	1.279	2.5
Mo	MTS6500	0.125	0.250	0.249	2
Na	MTS6500	15.100	20.000	16.742	100
Ni	MTS6500	0.124	0.250	0.272	2
P	MTS6500	1.660	2.000	1.876	50
Pb	MTS6500	0.152	0.250	0.332	0.5
Sb	MTS6500	0.267	0.500	0.537	2
Se	MTS6500	0.198	0.250	0.307	1
Si	MTS6500	6.320	10.000	10.114	20
Sn	MTS6500	1.840	4.000	4.448	10
Sr	MTS6500	0.078	0.100	0.119	1
Ti	MTS6500	0.125	0.250	0.240	1
Tl	MTS6500	0.119	0.250	0.021	1
V	MTS6500	0.050	0.100	0.125	1
Zn	MTS6500	0.570	1.000	1.049	2.5

DCS = Detection Check Standard
MQL = Method Quantitation Limit

Job ID: 560-54604-1

Laboratory: TestAmerica Corpus Christi

Narrative

Job Narrative
560-54604-1

Comments
No additional comments.

Receipt
The samples were received on 5/12/2015 9:55 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.3° C.

Sample Summary

Client: Weston Solutions, Inc.
Project/Site: Al Laredo Quarterly Sampling

TestAmerica Job ID: 560-54604-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
560-54604-1	CS-S17-20	Solid	05/11/15 12:05	05/12/15 09:55
560-54604-2	CS-S17-21	Solid	05/11/15 12:10	05/12/15 09:55
560-54604-3	CS-S17-22	Solid	05/11/15 12:15	05/12/15 09:55
560-54604-4	CS-S17-23	Solid	05/11/15 12:18	05/12/15 09:55
560-54604-5	CS-S17-24	Solid	05/11/15 12:20	05/12/15 09:55
560-54604-6	CS-S17-25	Solid	05/11/15 12:25	05/12/15 09:55
560-54604-7	CS-S17-25-D	Solid	05/11/15 12:28	05/12/15 09:55
560-54604-8	CS-S17-26	Solid	05/11/15 15:05	05/12/15 09:55
560-54604-9	CS-S17-27	Solid	05/11/15 15:12	05/12/15 09:55
560-54604-10	CS-S17-28	Solid	05/11/15 15:30	05/12/15 09:55

Detection Summary

Client: Weston Solutions, Inc.
Project/Site: Al Laredo Quarterly Sampling

TestAmerica Job ID: 560-54604-1

Client Sample ID: CS-S17-20 — Lab Sample ID: 560-54604-1

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	4.23		2.04	0.272	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-21 — Lab Sample ID: 560-54604-2

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	2.73		2.11	0.282	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-22 — Lab Sample ID: 560-54604-3

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	30.5		19.3	2.58	mg/Kg	10	☼	6010B	Total/NA

Client Sample ID: CS-S17-23 — Lab Sample ID: 560-54604-4

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	3.15	J	18.7	2.50	mg/Kg	10	☼	6010B	Total/NA

Client Sample ID: CS-S17-24 — Lab Sample ID: 560-54604-5

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.745	J	1.98	0.264	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-25 — Lab Sample ID: 560-54604-6

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	59.1		2.08	0.278	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-25-D — Lab Sample ID: 560-54604-7

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	29.8		2.07	0.277	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-26 — Lab Sample ID: 560-54604-8

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	22.2		1.87	0.250	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-27 — Lab Sample ID: 560-54604-9

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	52.3		1.96	0.261	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-28 — Lab Sample ID: 560-54604-10

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	216		2.04	0.272	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Weston Solutions, Inc.
Project/Site: Al Laredo Quarterly Sampling

TestAmerica Job ID: 560-54604-1

Client Sample ID: CS-S17-20 — Lab Sample ID: 560-54604-1

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	4.23		2.04	0.272	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-21 — Lab Sample ID: 560-54604-2

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	2.73		2.11	0.282	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-22 — Lab Sample ID: 560-54604-3

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	30.5		19.3	2.58	mg/Kg	10	☼	6010B	Total/NA

Client Sample ID: CS-S17-23 — Lab Sample ID: 560-54604-4

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	3.15	J	18.7	2.50	mg/Kg	10	☼	6010B	Total/NA

Client Sample ID: CS-S17-24 — Lab Sample ID: 560-54604-5

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.745	J	1.98	0.264	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-25 — Lab Sample ID: 560-54604-6

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	59.1		2.08	0.278	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-25-D — Lab Sample ID: 560-54604-7

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	29.8		2.07	0.277	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-26 — Lab Sample ID: 560-54604-8

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	22.2		1.87	0.250	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-27 — Lab Sample ID: 560-54604-9

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	52.3		1.96	0.261	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CS-S17-28 — Lab Sample ID: 560-54604-10

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	216		2.04	0.272	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: CS-S17-20

Date Collected: 05/11/15 12:05
Date Received: 05/12/15 09:55

Lab Sample ID: 560-54604-1
Matrix: Solid
Percent Solids: 92.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	4.23		2.04	0.272	mg/Kg	☼	05/12/15 13:53	05/12/15 20:04	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.5		0.10	0.10	%			05/12/15 15:27	1

Client Sample ID: CS-S17-21

Date Collected: 05/11/15 12:10
Date Received: 05/12/15 09:55

Lab Sample ID: 560-54604-2
Matrix: Solid
Percent Solids: 93.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.73		2.11	0.282	mg/Kg	☼	05/12/15 13:53	05/12/15 20:08	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.3		0.10	0.10	%			05/12/15 15:27	1

Client Sample ID: CS-S17-22

Date Collected: 05/11/15 12:15
Date Received: 05/12/15 09:55

Lab Sample ID: 560-54604-3
Matrix: Solid
Percent Solids: 91.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	30.5		19.3	2.58	mg/Kg	☼	05/12/15 13:53	05/13/15 12:34	10

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.2		0.10	0.10	%			05/12/15 15:27	1

Client Sample ID: CS-S17-23

Date Collected: 05/11/15 12:18
Date Received: 05/12/15 09:55

Lab Sample ID: 560-54604-4
Matrix: Solid
Percent Solids: 92.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	3.15	J	18.7	2.50	mg/Kg	☼	05/12/15 13:53	05/13/15 12:38	10

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.9		0.10	0.10	%			05/12/15 15:27	1

Client Sample ID: CS-S17-24

Date Collected: 05/11/15 12:20
Date Received: 05/12/15 09:55

Lab Sample ID: 560-54604-5
Matrix: Solid
Percent Solids: 95.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.745	J	1.98	0.264	mg/Kg	☼	05/12/15 13:53	05/12/15 20:33	1

Client Sample ID: CS-S17-24

Lab Sample ID: 560-54604-5
Matrix: Solid

Date Collected: 05/11/15 12:20
Date Received: 05/12/15 09:55

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.6		0.10	0.10	%			05/12/15 15:27	1

Client Sample ID: CS-S17-25

Lab Sample ID: 560-54604-6
Matrix: Solid
Percent Solids: 91.6

Date Collected: 05/11/15 12:25
Date Received: 05/12/15 09:55

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	59.1		2.08	0.278	mg/Kg	☼	05/12/15 13:53	05/12/15 19:48	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.4		0.10	0.10	%			05/12/15 15:27	1

Client Sample ID: CS-S17-25-D

Lab Sample ID: 560-54604-7
Matrix: Solid
Percent Solids: 92.7

Date Collected: 05/11/15 12:28
Date Received: 05/12/15 09:55

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	29.8		2.07	0.277	mg/Kg	☼	05/12/15 13:53	05/12/15 20:37	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.3		0.10	0.10	%			05/12/15 15:27	1

Client Sample ID: CS-S17-26

Lab Sample ID: 560-54604-8
Matrix: Solid
Percent Solids: 93.6

Date Collected: 05/11/15 15:05
Date Received: 05/12/15 09:55

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	22.2		1.87	0.250	mg/Kg	☼	05/12/15 13:53	05/12/15 20:41	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.4		0.10	0.10	%			05/12/15 15:27	1

Client Sample ID: CS-S17-27

Lab Sample ID: 560-54604-9
Matrix: Solid
Percent Solids: 91.2

Date Collected: 05/11/15 15:12
Date Received: 05/12/15 09:55

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	52.3		1.96	0.261	mg/Kg	☼	05/12/15 13:53	05/12/15 20:45	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.8		0.10	0.10	%			05/12/15 15:27	1

Client Sample ID: CS-S17-28

Date Collected: 05/11/15 15:30
Date Received: 05/12/15 09:55

Lab Sample ID: 560-54604-10

Matrix: Solid
Percent Solids: 95.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	216		2.04	0.272	mg/Kg	☼	05/12/15 13:53	05/12/15 20:49	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.7		0.10	0.10	%			05/12/15 15:27	1

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
N1	MS, MSD: Spike recovery exceeds upper or lower control limits.
N2	RPD of the MS and MSD exceeds the control limits
U	Analyte was not detected at or above the SDL.

Glossary

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

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 560-115736/1-A
Matrix: Solid
Analysis Batch: 115751

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 115736

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.267	U	2.00	0.267	mg/Kg		05/12/15 13:53	05/12/15 19:40	1

Lab Sample ID: LCS 560-115736/2-A
Matrix: Solid
Analysis Batch: 115751

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 115736

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	25.0	24.38		mg/Kg		98	80 - 120

Lab Sample ID: 560-54604-6 MS
Matrix: Solid
Analysis Batch: 115751

Client Sample ID: CS-S17-25
Prep Type: Total/NA
Prep Batch: 115736

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	59.1		25.5	64.84	N1	mg/Kg	☼	22	75 - 125

Lab Sample ID: 560-54604-6 MSD
Matrix: Solid
Analysis Batch: 115751

Client Sample ID: CS-S17-25
Prep Type: Total/NA
Prep Batch: 115736

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	59.1		25.5	51.20	N1 N2	mg/Kg	☼	-31	75 - 125	24	20

Method: Moisture - Percent Moisture

Lab Sample ID: 560-54604-10 DU
Matrix: Solid
Analysis Batch: 115745

Client Sample ID: CS-S17-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	4.7		6.0		%		24	40

Certification Summary

Client: Weston Solutions, Inc.
Project/Site: Al Laredo Quarterly Sampling

TestAmerica Job ID: 560-54604-1

Laboratory: TestAmerica Corpus Christi

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Texas	NELAP	6	T104704210	03-31-16

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture

Method Summary

Client: Weston Solutions, Inc.
Project/Site: Al Laredo Quarterly Sampling

TestAmerica Job ID: 560-54604-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL CC
Moisture	Percent Moisture	EPA	TAL CC

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL CC = TestAmerica Corpus Christi, 1733 N. Padre Island Drive, Corpus Christi, TX 78408, TEL (361)289-2673

TestAmerica Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone (361) 289-2673 Fax (361) 289-2471

Chain of Custody Record

TestAmerica THE LEADER IN ENVIRONMENTAL

Loc: 560
54604

Client Information	Sampler: Brock Stong / Adam H.	Lab PM: Cady, John M	Carrier Tracking No(s):	COC No: 560-17328-1916
Client Contact: Mr. Phil Bredfeldt	Phone: 512-651-7100	E-Mail: john.cady@testamericainc.com		Page: Page 1 of 1
Company: Weston Solutions, Inc.				Job #:

Address: 2705 Bee Cave Road Suite 100	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Austin	TAT Requested (days): ~~Standard~~ (5) Expedite 24hr. TAT	560-54604 Chain of Custody	A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: TX, 78746			
Phone: 512-651-7128(Tel) 512-651-7101(Fax)	PO #: Purchase Order Requested		Other:
Email: phil.bredfeldt@westonsolutions.com	WO #: 12776.008.011.1902		
Project Name: Weston-Laredo	Project #: 56002977		
Site: AI-LAREDO	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	6010 B - Total Antimony	Moisture	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N	N		
CS-517-20	5/11/15	1205	G	Solid		X	X	1	
CS-517-21	5/11/15	1210	G	Solid		X	X	1	
CS-517-22	5/11/15	1215	G	Solid		X	X	1	
CS-517-23	5/11/15	1218	G	Solid		X	X	1	
CS-517-24	5/11/15	1220	G	Solid		X	X	1	
CS-517-25	5/11/15	1225	G	Solid		X	X	1	
CS-517-25-D	5/11/15	1228	G	Solid		X	X	1	
CS-517-25-msmsd	5/11/15	1230	G	Solid	X	X	X	2	
CS-517-26	5/11/15	1505	G	Solid		X	X	1	
CS-517-27	5/11/15	1512	G	Solid		X	X	1	
CS-517-28	5/11/15	1530	G	Solid		X	X	1	

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	5/11/15 1700	Weston	FEDEX	0955	~~FACE~~
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 5-12-15 0955	Company FACE
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.5 cf 3.3 IR4

5/13/2015

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 560-54604-1

Login Number: 54604
List Number: 1
Creator: Contreras, Kristen N

List Source: TestAmerica Corpus Christi

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

Unadjusted Detection Limits

Client: Weston Solutions, Inc.
Project/Site: Al Laredo Quarterly Sampling

TestAmerica Job ID: 560-54604-1

Method: 6010B - Metals (ICP)

Analyte	MQL	MDL	Units	Method
Antimony	2.00	0.267	mg/Kg	6010B

General Chemistry

Analyte	MQL	MDL	Units	Method
Percent Moisture	0.10	0.10	%	Moisture