

**SUPERFUND SITE DISCOVERY AND ASSESSMENT PROGRAM**

**REMOVAL ACTION REPORT**

**DONA PARK RESIDENTIAL REMOVAL SITE  
CORPUS CHRISTI, NUECES COUNTY, TEXAS**



**Prepared for**

**TEXAS COMMISSION ON ENVIRONMENTAL QUALITY**

12100 Park 35 Circle, Bldg D  
Austin, Texas 78753

**Prepared by**

**WESTON SOLUTIONS, INC.**

5599 San Felipe, Suite 700  
Houston, TX 77056

**August 2011**

Contract Number: 582-10-91050

WESTON Work Order Number: 02444.021.004.0050

A handwritten signature in blue ink that reads "Jeffrey S. Wormser". The signature is written in a cursive style and is positioned above a horizontal line.

Jeffrey S. Wormser, P.E.  
WESTON Project Manager

A handwritten signature in blue ink that reads "Omar Valdez". The signature is written in a cursive style and is positioned above a horizontal line.

Omar Valdez  
TCEQ Project Manager

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## LIST OF ACRONYMS

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|                          |  |
|--------------------------|--|
| bgs                      | below ground surface                         |
| COC                      | chemical of concern                          |
| DUS                      | Data Usability Summary                       |
| EPA                      | Environmental Protection Agency              |
| FSP                      | Field Sampling Plan                          |
| $\mu\text{g}/\text{m}^3$ | microgram per cubic meter                    |
| mg/kg                    | milligrams per kilogram                      |
| mg/L                     | milligrams per liter                         |
| mm                       | millimeters                                  |
| MS/MSD                   | matrix spike/matrix spike duplicate          |
| PCBs                     | polychlorinated biphenyls                    |
| PCL                      | protective concentration level               |
| PM <sub>10</sub>         | Particulate Matter of 10 micrometers or less |
| PPE                      | personal protective equipment                |
| QA/QC                    | quality assurance/quality control            |
| QAPP                     | Quality Assurance Project Plan               |
| RA                       | Removal Action                               |
| RAR                      | Removal Action Report                        |
| RAWP                     | Removal Action Work Plan                     |
| RCI                      | reactivity, corrosivity, ignitability        |
| RCRA                     | Resource Conservation and Recovery Act       |
| SVOC                     | Semivolatile organic compounds               |
| TCEQ                     | Texas Commission on Environmental Quality    |
| TCLP                     | Toxicity Characteristic Leachate Procedure   |
| TPH                      | total petroleum hydrocarbon                  |
| TRRP                     | Texas Risk Reduction Program                 |
| WESTON                   | Weston Solutions, Inc.                       |

## **1. INTRODUCTION**

Weston Solutions, Inc. (WESTON®) was tasked by the Texas Commission on Environmental Quality (TCEQ) to perform a removal action (RA) at the Dona Park Residential Removal Site (Site). The preparation of this Removal Action Report (RAR) was authorized by TCEQ in a Non-Standard Work Authorization executed on 21 July 2011 under Contract No. 582-10-91050 and has been prepared to summarize the completed removal activities, document off-site transportation and disposal, and present a data summary of post-removal confirmation sampling and analyses.

### **1.1 SITE BACKGROUND**

#### **1.1.1 Site Location**

The affected residential properties (Site) were within a residential area of the Dona Park Neighborhood, located within the city limits of Corpus Christi, Nueces County, Texas. The Dona Park Neighborhood is immediately south of the former American Smelting and Refining Company (ASARCO) and Encycle facility at 5500 Up River Road. The neighborhood includes residences north of Interstate 37 and south of Up River Road, where four of the removal properties were along Golla Drive and one property was on Dona Drive.

The depth to groundwater in this area is unknown, but is believed to be less than 10 feet. The primary chemicals of concern (COCs) at the Site were cadmium and lead. A Site Location Map and a Site Area Map are presented as Figure 1-1 and Figure 1-2, respectively.

#### **1.1.2 Site History**

From 1941 to 1985, ASARCO operated a smelter that produced high-grade zinc at the facility. The facility was inactive from 1986 until 1988. Between 1988 and 2002, Encycle conducted a waste-management business at the location.

ASARCO employed an air discharge smokestack as part of its zinc smelter operations. The stack is located approximately 950 feet northwest of the Dona Park Neighborhood and was a potential source of zinc, cadmium, and lead contamination from the facility via wind dispersion in the residential area.

### 1.1.3 Site Investigation History

In 1994, the TCEQ began sampling soil in the Dona Park Neighborhood. From 1994 to 1998, ASARCO performed investigative and remedial activities to address contamination in residential soils in the Dona Park Neighborhood; and in 2003 and 2004, Encycle, on behalf of ASARCO, conducted additional investigations and removal of soils.

Additional characterization work throughout the Dona Park neighborhood was performed by the TCEQ in late 2010. WESTON collected samples from 57 residential properties and analyzed the samples for metals, as described specifically in WESTON's *Field Sampling Plan (FSP) for Pilot Study of the Dona Park Neighborhood, Corpus Christi, Nueces County, Texas, October 2010*. Additional properties in the neighborhood were investigated by Daniel B. Stephens and Associates (DBSA) under contract to TCEQ in the spring of 2011. Analytical results were compared to the site-specific action levels specified in the FSP as follows:

| Chemical of Concern | Action Level (mg/kg) |
|---------------------|----------------------|
| Cadmium             | 50                   |
| Lead                | 500                  |

The investigations completed by TCEQ in 2010 and 2011 identified soil containing COCs above the action levels in backyards at the following properties:

- 1265 Golla Drive
- 1257 Golla Drive
- 1218 Golla Drive
- 1145 Golla Drive
- 1253 Dona Drive

Removals were executed at these five properties from 21 July 2011 through 17 August 2011.

**INTRODUCTION**

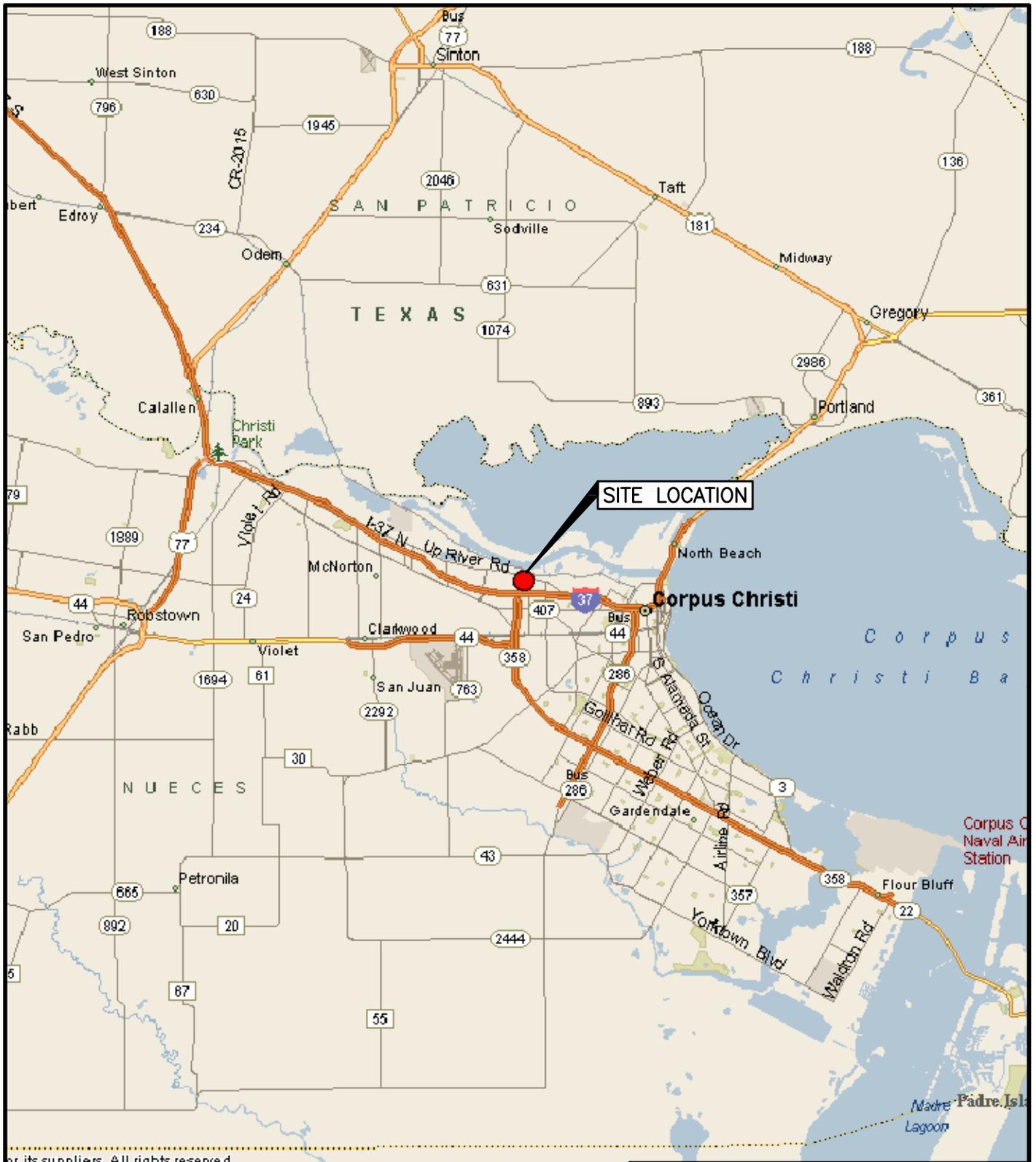
The street addresses of properties with the corresponding station number where removal activities were completed are summarized in Table 1-1. These properties are illustrated on Figure 1-3.

Conditions existing at each property were documented as part of pre-removal inspections conducted by TCEQ and WESTON, with the respective home owner/resident prior to removal activities to assist with site restoration. Copies of the Pre-Removal Inspection Checklists for each property are provided in Appendix A.

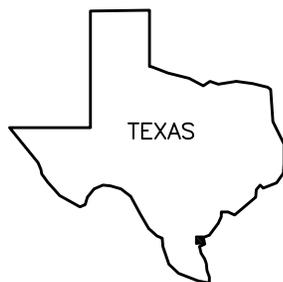
Detailed information on the 2011 Dona Park Residential Removal Action is presented in the following sections:

- Section 2 – Removal Activities; and,
- Section 3 – Waste Disposal.

Tables and figures referred to throughout the remainder of this report are provided at the end of each section.



or its suppliers. All rights reserved.

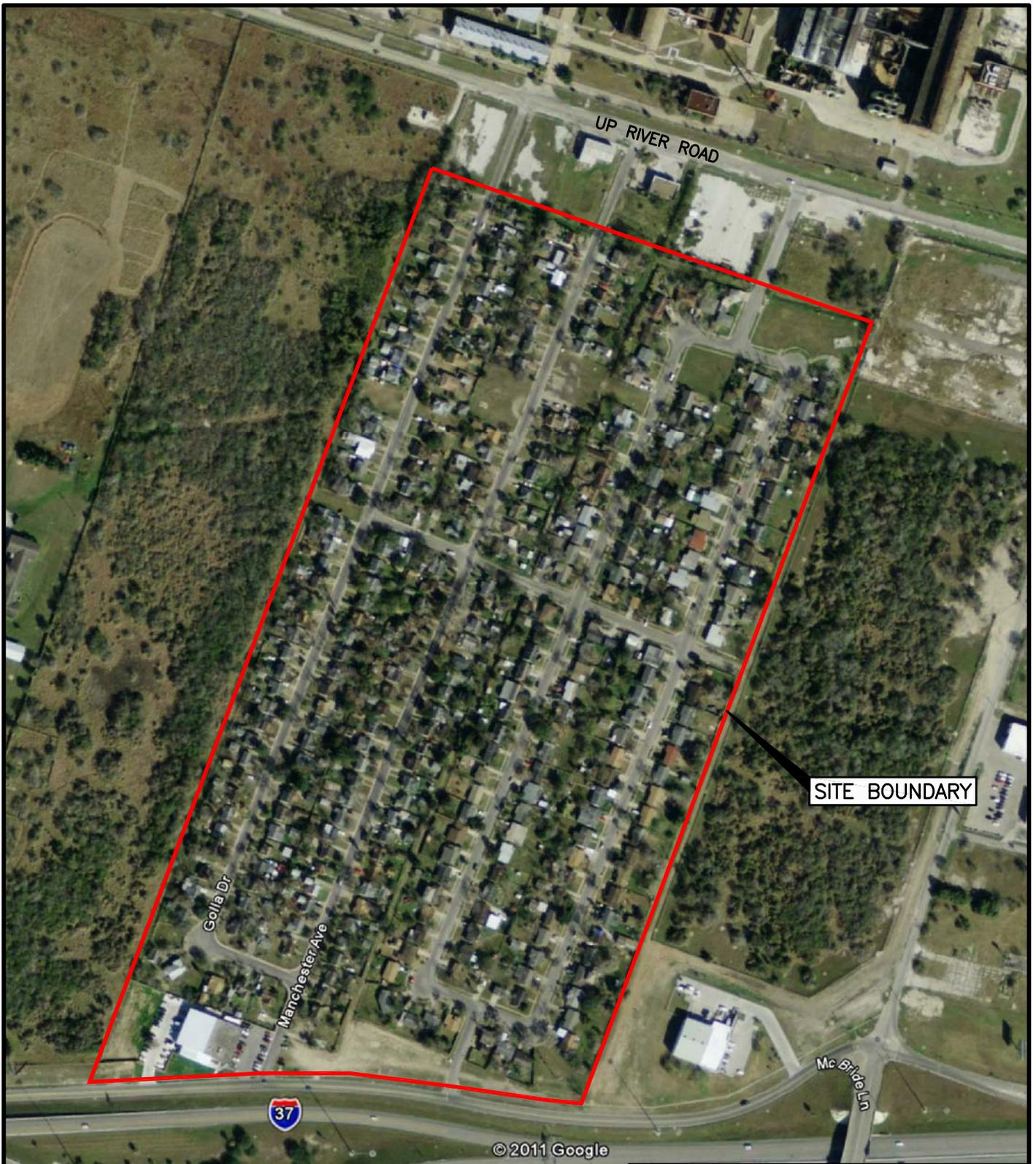


**FIGURE 1-1  
SITE LOCATION MAP**

**DONA PARK  
RESIDENTIAL REMOVAL ACTION  
CORPUS CHRISTI, NUECES COUNTY, TEXAS**

|                |                                   |                   |
|----------------|-----------------------------------|-------------------|
| DATE<br>AUG 11 | PROJECT NO.<br>02444.021.004.0050 | SCALE<br>AS SHOWN |
|----------------|-----------------------------------|-------------------|

SOURCE: GOOGLE EARTH PRO AERIAL 2011.



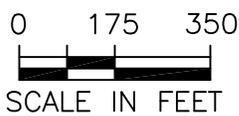
SITE BOUNDARY

© 2011 Google



**FIGURE 1-2  
SITE AREA MAP**

**DONA PARK  
RESIDENTIAL REMOVAL ACTION  
CORPUS CHRISTI, NUECES COUNTY, TEXAS**



|                |                                   |                   |
|----------------|-----------------------------------|-------------------|
| DATE<br>AUG 11 | PROJECT NO.<br>02444.021.004.0050 | SCALE<br>AS SHOWN |
|----------------|-----------------------------------|-------------------|

SOURCE: GOOGLE EARTH PRO AERIAL 2011.



**LEGEND:**

 REMOVAL PROPERTY



0 175 350  
  
 SCALE IN FEET



**FIGURE 1-3**  
**LOCATIONS OF REMOVAL**  
**ACTIVITIES**  
**DONA PARK**  
**RESIDENTIAL REMOVAL ACTION**  
**CORPUS CHRISTI, NUECES COUNTY, TEXAS**

|        |                    |          |
|--------|--------------------|----------|
| DATE   | PROJECT NO.        | SCALE    |
| AUG 11 | 02444.021.004.0050 | AS SHOWN |

SOURCE: GOOGLE EARTH PRO AERIAL 2011.



Table 1-1  
Removal Properties Summary

Dona Park Residential Removal Site  
Corpus Christi, Texas

| <b>Property Address</b> | <b>Location Zone</b> |
|-------------------------|----------------------|
| 1253 DONA DR            | Back                 |
| 1145 GOLLA DR           | Back                 |
| 1218 GOLLA DR           | Back                 |
| 1257 GOLLA DR           | Back                 |
| 1265 GOLLA DR           | Back                 |

## 2. REMOVAL ACTIVITIES

### 2.1 EXCAVATION ACTIVITIES

Excavation activities were completed at five residential properties from 21 July 2011 through 17 August 2011. Excavation and soil removal was performed by utilizing combinations of equipment and approaches, including two mini-excavators, one skid-steer, and hand shovels. During excavation activities, dust control measures were implemented using engineering controls (i.e., water application by means of dust suppression system). Furthermore, air monitoring was conducted to ensure dust levels did not exceed the prescribed action level of 150 ug/m<sup>3</sup> for extended periods of times. Air monitoring is discussed further in Section 2.3. Upon completion of daily activities, open excavation areas were barricaded with orange safety fencing to mitigate entry into the area. Removal activities were completed in accordance with the RAWP, unless otherwise presented herein.

A private utility locate company contracted by WESTON performed underground utility surveys at each of the removal properties. The WESTON Removal Action Supervisor was on-site for these surveys, and was briefed on the findings of each. Examples of the utilities that were identified and flagged during these surveys included, but were not limited to: gas, electric, water, and sewage lines. Additionally, team members utilized sharp shooter spades when the excavations at a particular property got underway to further scope underground utilities in the vicinity of the excavation zone.

Excavations generally proceeded from the area of yard furthest from access to the staged roll-off box, and progressed towards this access point. Generally, a mini-excavator would be utilized to dig to the prescribed depth, starting along the back fenceline. This material would be successively passed to a skid steer, which would then shuttle and deposit the material into the roll-off box. The operator of the dust suppression system would also continually verify excavation depths, and generally spot the excavation. Care was taken to reinforce the paths of access used by the heavy equipment, including use of plywood sheathing.

## REMOVAL ACTIVITIES

At each area (backyards) where removal activities were completed, the excavation depths were established using the analytical results from the investigation samples collected and analyzed during previous investigations, which showed contamination limited the upper surface soils. As such, the prescribed depth of excavation at each removal property was six inches below ground surface. The depth of excavation in areas near trees was sometimes less so as to avoid damage to root systems.

### 2.2 CONFIRMATION SCREENING AND SAMPLING

Upon completing an excavation, 10 aliquot locations were identified by TCEQ on-site project manager in the removal area and demarcated with surveyor's pin flags. WESTON collected a 10-part composite confirmation sample comprised of grab samples collected via direct push, utilizing a slam bar, at each of the ten aliquots, less than one inch below ground surface at the extent of excavation. This sample was homogenized and screened *ex situ* with an X-Ray Fluorescence Analyzer (XRF) by DBSA under contract to TCEQ. The same composite confirmation soil samples were submitted to the contracted laboratory (DHL Analytical in Austin, TX) for cadmium and lead analysis by EPA SWA846 6010B. Subsequently, the analytical results for each of these five samples (plus one duplicate) sent to DHL showed that cadmium and lead concentrations were below the removal action criteria limits (50 mg/kg and 500 mg/kg, respectively).

At each of the five removal areas, the XRF screening results were less than the removal action criteria for cadmium and lead. However, confidence intervals with respect to XRF results vs. protective concentration limits had been established. Therefore, XRF results  $\geq 25$  mg/kg for cadmium and  $\geq 400$  mg/kg for lead would not be regarded with enough confidence to initiate backfilling prior to receiving laboratory analytical results. Of the five properties screened at extent of excavation, four had XRF results within the confidence intervals and one (1145 Golla Drive) showed XRF results outside the confidence interval for cadmium, but below the removal action criteria/protective concentration limit for this COC. As such, a rush analytical turnaround time was scheduled with DHL, and backfilling operations were held pending analytical results. These subsequent results showed cadmium and lead levels below the removal action criteria for the confirmation sample collected at the extent of excavation at 1145

## REMOVAL ACTIVITIES

Golla Drive. The analytical results for the other four samples (plus one duplicate) sent to DHL showed that cadmium and lead concentrations were below the removal action criteria (50 mg/kg and 500 mg/kg, respectively).

Final excavation depths at each removal area were therefore six inches below ground surface. Backfilling was then directed to commence by the TCEQ on-site project manager. Analytical results for the confirmation samples collected, and the associated laboratory data packages are provided in Appendices B and C, respectively.

### 2.3 AIR MONITORING

Air monitoring during the removal activities at the site was conducted in accordance with the RAWP to monitor particulate emissions. During the removal activities at each excavation area, WESTON utilized a Thermo MIE Data Real-Time Aerosol Monitor 4000 (DataRAM-4) to continuously monitor PM<sub>10</sub> levels.<sup>1</sup>

Integrated PM<sub>10</sub> and mercury (Hg) sampling was conducted to provide compound-specific information to support the data provided by the continuous monitoring. Integrated ambient air samples were collected for PM<sub>10</sub> and Hg analysis during operations from a downwind and upwind location. The downwind sampling location was co-located with the real-time monitor. BGI Model PQ100 medium volume air samplers equipped with flow controllers and particle size selective sampling inlets were utilized to collect the PM<sub>10</sub> samples, collected on a 47 mm Teflon pre-weighed filter. The sample flow rate was set to run at 16.7 liters per minute (lpm) and held at a constant flow rate by a volumetric flow orifice for the sample period. Sensidyne GilAir-5 pumps with low-flow attachments were utilized to collect the Hg samples, collected in a anasorb C300 tube. The sample flow rate was set at 0.2 liters per minute. Although the air samples were collected during each excavation event, laboratory analysis (e.g., ICP for cadmium and lead, NIOSH 6009 for Hg) would only have been required should data from the dust monitor have indicated a time-weighted average exceedance of the action level during the course of the day, or at the direction of TCEQ; there were no such exceedances during the

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<sup>1</sup> At the first removal property, a Thermo MIE Automated Data Real-Time Aerosol Monitor 1500 was used to continuously monitor PM<sub>10</sub> levels.

project. Documentation pertaining to air monitoring during the removal activities is provided in Appendix D.

## 2.4 RESTORATION ACTIVITIES

Upon completion of excavation activities, each area was backfilled with topsoil sourced from a local, virgin borrow pit. This topsoil was further conditioned using Landscapers' Pride Soil Conditioner, a South Texas Nursery and Landscape Association approved product at a rate of 30 bags per property (2 cubic feet/bag). A rotatiller was used to mix this soil conditioner into the newly spread topsoil, and to also further till the topsoil. The areas were then raked, with any remaining chunks removed.

The residential properties were restored with St. Augustine sod, sourced from the Duda sod farm in McAllen, Texas. Specifically, the cultivar Floratam was utilized. Floratam is resistant to chinchbugs, SAD virus, brown patch, and has excellent drought resistance Table 2-2 provides a restoration summary for each residential property.

The topsoil was sourced from a local borrow pits operated by Haas construction, Corpus Christi, Texas. Prior to commencing removal activities, a composite sample was collected from this topsoil borrow pit. This samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides/polychlorinated biphenyls (PCBs), total Resource Recovery Conservation Act (RCRA) metals, total petroleum hydrocarbons (TPH), and pH. Based on the analytical results of these samples, TCEQ approved the use of topsoil from the Haas borrow pit. The laboratory data package for the topsoil sample collected is included in Appendix C.

Following installation of sod, post-removal inspections were completed at each property. Completed copies of the Post-Removal Inspection Checklists for each property are provided in Appendix E.



Table 2-1  
Removal and Restoration Summary

Dona Park Residential Removal Site  
Corpus Christi, Texas

| Property Address | Location Zone | Excavation Completed | St. Augustine Sod Installed (square feet) | Sod Installation Date(s) |
|------------------|---------------|----------------------|---|--------------------------|
| 1253 DONA DR     | Back          | 7/29/2011            | 4200                                      | 12-Aug-11                |
| 1145 GOLLA DR    | Back          | 8/1/2011             | 3200                                      | 17-Aug-11                |
| 1218 GOLLA DR    | Back          | 8/3/2011             | 4200                                      | 17-Aug-11                |
| 1257 GOLLA DR    | Back          | 8/8/2011             | 3200                                      | 12-Aug-11                |
| 1265 GOLLA DR    | Back          | 8/5/2011             | 4200                                      | 17-Aug-11                |

### 3. WASTE DISPOSAL

During excavation activities, the excavated soils were contained and transferred to a staged roll-off box located near the areas being excavated. Five, 20-cubic yard roll-off boxes were rotated continuously throughout the project. Upon filling a box, it was transported to El Centro Landfill in Robstown, Texas for disposal, as discussed in Section 3.2. Empty roll-off boxes were staged at the project support area on Up River Road, adjacent to the TCEQ permanent air monitoring station.

#### 3.1 WASTE CHARACTERIZATION

In order to characterize and classify the waste prior to removal activities, composite surface soil samples were collected from each of the five properties and analyzed for Toxicity Characteristic Leaching Procedure (TCLP) for cadmium and lead for waste classification purposes. The TCLP results as presented in Table 3-1 were compared to the regulatory levels shown in the following table to evaluate disposal options for the soil:

| Analyte | Class 2 Nonhazardous Criteria <sup>1</sup> | Class 2 Nonhazardous Criteria <sup>1</sup> | Hazardous Criteria |
|---------|--|--|--------------------|
| Arsenic | <1.8 mg/L                                  | >1.8 mg/L                                  | >5 mg/L            |
| Lead    | <1.5 mg/L                                  | >1.5 mg/L                                  | >5 mg/L            |

<sup>1</sup>Guidelines for the Classification & Coding of Industrial Wastes and Hazardous Wastes. RG-22, August 1995.

<sup>2</sup>Maximum Concentration of Contaminants for the Toxicity Characteristic. 40 CFR §261.24  
mg/L – milligrams per liter

TCLP results indicated that cadmium and/or lead did not exceed the regulatory TCLP limits for hazardous waste classification, as such, the soils from these properties met the criteria for Class 2 nonhazardous waste.

#### 3.2 WASTE DISPOSAL

Excavated Class 2 Non-Hazardous soils with metal concerns from the site were disposed at the El Centro Landfill, operated by Allied Waste (a Republic Services company), located in Robstown, Texas. The waste profile code assigned to these soils was 41741110836.

Excavated materials were transported by the licensed waste transporter Allied Waste (A Republic Services company), transporter state identification number 84731, under contract to

**WASTE DISPOSAL**

WESTON. The roll-off boxes were lined and covered with a tarp prior to leaving the site. A signed manifest accompanied the vehicle to the disposal facility. Copies of the manifests signed by a representative of the disposal facility were returned to WESTON by the disposal facility and are included in Appendix G.

A total of approximately 255 CY of excavated materials was disposed of at the El Centro Landfill. The approximate volume removed from each property is provided in Table 3-1. WESTON classified and disposed of the soils in accordance with the TCEQ “Guidelines for the Classification and Coding of Industrial Wastes and Hazardous Wastes” as discussed in Section 3.1.



Table 3-1  
Transportation and Disposal Summary

| Load #       | Manifest # | Weight (tons) | Date      | Truck # | Waste Code  | Generating Property |
|--------------|------------|---------------|-----------|---------|-------------|---------------------|
| 1            | 18736      | 8.97          | 7/28/2011 | 3025    | 41741110836 | 1253 DONA DR        |
| 2            | 18737      | 13.27         | 7/28/2011 | 3025    | 41741110836 | 1253 DONA DR        |
| 3            | 53437      | 12.44         | 7/29/2011 | 3025    | 41741110836 | 1253 DONA DR        |
| 4            | 53451      | 13.39         | 7/29/2011 | 3025    | 41741110836 | 1253 DONA DR        |
| 5            | 53424      | 14.69         | 8/1/2011  | 3025    | 41741110836 | 1145 GOLLA DR       |
| 6            | 53450      | 8.98          | 8/2/2011  | 3025    | 41741110836 | 1218 GOLLA DR       |
| 7            | 53446      | 17.1          | 8/3/2011  | 3025    | 41741110836 | 1218 GOLLA DR       |
| 8            | 53447      | 14.44         | 8/3/2011  | 3025    | 41741110836 | 1218 GOLLA DR       |
| 9            | 53448      | 15.1          | 8/3/2011  | 3025    | 41741110836 | 1218 GOLLA DR       |
| 10           | 53449      | 13.76         | 8/3/2011  | 3025    | 41741110836 | 1218 GOLLA DR       |
| 11           | 53444      | 15.15         | 8/4/2011  | 3025    | 41741110836 | 1265 GOLLA DR       |
| 12           | 53445      | 12.08         | 8/4/2011  | 3025    | 41741110836 | 1265 GOLLA DR       |
| 13           | 53443      | 15.97         | 8/5/2011  | 3025    | 41741110836 | 1265 GOLLA DR       |
| 14           | 53441      | 18.43         | 8/8/2011  | 3025    | 41741110836 | 1257 GOLLA DR       |
| 15           | 53442      | 14.76         | 8/8/2011  | 3025    | 41741110836 | 1257 GOLLA DR       |
| <b>TOTAL</b> |            | <b>208.53</b> |           |         |             |                     |

**Notes:**

- ~Weston signed as offerer in the course and scope of the contractual performance or service on behalf of the TCEQ, as required by a state contract.
- ~Waste is Non-Hazardous Class 2 residential soil with metal concerns.
- ~Transporter is Allied Waste, 4414 Agnes, Corpus Christi, TX 78405 (361) 882-1878
- ~Transporter State ID No. is 84731
- ~Driver is Oscar Ortega
- ~Destination is El Centro Landfill, 3189 CR 69, Robstown, TX 78380 (361) 767-7905

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**APPENDIX A**

**PRE-REMOVAL INSPECTION CHECKLISTS**

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### Pre-Removal Inspection Checklist

Owner's/Resident's Name

BRIAN PHILLIPS

Address:

1257 GOLLA DR

Corpus Christi, TX

Description of Area to be Removed:

Backyard: Mostly open area,  
central air unit against back of

house, lean-to structure attached to garage, chainlink around

Cover:

Dirt

Grass

Gravel

Driveway:

Yes

No

Type:

Vegetation:

Yes

No

Fence Removal and Replacement:

Yes

No

Type:

Replacement Cover:  Dirt

St. Augustine Grass

Other

Vegetation/Landscape Replacement: None

The maximum container size for any replaced trees is 15 gallons; the maximum container size for replaced shrubs is 5 gallons. Replacement vegetation will come from regional nurseries. The yard will be restored either with St. Augustine sod, dirt, or other as indicated above.

Description of Vegetation:

Tree along back fence, tree against back of house near driveway, & tree along southern border fence. Bushes along eastern section of garage. Turf yard. ~~BNH~~

List of Items to be Removed and Replaced:

None. \_\_\_\_\_ BNF  
\_\_\_\_\_  
\_\_\_\_\_ BNF

Comments on Pre-Existing Structural Conditions:

wood frame house, & wood frame garage, both in fair  
condition. \_\_\_\_\_ BNF  
\_\_\_\_\_ BNF

List of Personal Property Items:

2 dog houses, 2 rugs draped on fence. Door (detached)  
against back fence. \_\_\_\_\_ BNF  
\_\_\_\_\_ BNF  
\_\_\_\_\_ BNF

\* Site Video Recorded

Brandon Jones  
WESTON Representative

7-21-2011  
Date

L. Parley  
TCEQ Representative

7/21/2011  
Date

\_\_\_\_\_  
Owner/Resident

\_\_\_\_\_  
Date

Pre-Removal Inspection Checklist

Owner's/Resident's Name

Gloria Anguiano (361) 429-3272

Address:

1265 GOLLA DR

Corpus Christi, TX

Description of Area to be Removed:

back yard: mostly open areas

2 electric lines running to garage (NW

corner), surrounded by chainlink fence. Pet burial site SW corner of yard.

Cover:

Dirt

Grass

Gravel

Driveway:

Yes

No

Type: Concrete, with dirt median.

Vegetation:

Yes

No

some asphalt areas towards front

Fence Removal and Replacement:

Yes

No

Type:

Replacement Cover:

Dirt

St. Augustine Grass

Other

Vegetation/Landscape Replacement:

None

The maximum container size for any replaced trees is 15 gallons; the maximum container size for replaced shrubs is 5 gallons. Replacement vegetation will come from regional nurseries. The yard will be restored either with St. Augustine sod, dirt, or other as indicated above.

Description of Vegetation:

Scrub bushes around garage, small tree middle of back yard, two trees directly against back of house. Turf yard.

Back

List of Items to be Removed and Replaced:

None. BNJ  
~~\_\_\_\_\_~~  
~~\_\_\_\_\_~~  
~~\_\_\_\_\_~~  
~~\_\_\_\_\_~~

Comments on Pre-Existing Structural Conditions:

Old wood frame garage with flood light pole, door of which is loose. Wood frame house. Structures in fair condition. BNJ

List of Personal Property Items:

Garden hose, lawn mower, propane tank, grill, patio furniture, various items to be moved prior, currently staged for garage sale. BNJ  
BNJ

\* Site Video Recorded

Brian J. Jones  
WESTON Representative

7-21-2011  
Date

Randy  
TCEQ Representative

7/21/2011  
Date

Gloria Angewine  
Owner/Resident

7/21/11  
Date

### Pre-Removal Inspection Checklist

Owner's/Resident's Name

JESUSA ETALS GARCIA

Address:

~~1257 GOLLA DR~~ <sup>BNH</sup> 1253 DONA DR  
~~EAL~~ <sup>BNH</sup> CORPUS CHRISTI, TX

Description of Area to be Removed:

Backyard: wooden panel fence surrounding with chainlink along southern border. Long, narrower space.

Cover:

Dirt  Grass  Gravel

Driveway:

Yes  No Type: concrete

Vegetation:

Yes  No

Fence Removal and Replacement:

Yes  No

Type: wooden panel

Replacement Cover:

Dirt  St. Augustine Grass  Other

Vegetation/Landscape Replacement: None

The maximum container size for any replaced trees is 15 gallons; the maximum container size for replaced shrubs is 5 gallons. Replacement vegetation will come from regional nurseries. The yard will be restored either with St. Augustine sod, dirt, or other as indicated above.

Description of Vegetation:

5 trees, turf yard, 1 flower plant. BNH

BNH

### Pre-Removal Inspection Checklist

Owner's/Resident's  
Name

Michael Lopez

Address:

1253 Dona Dr  
Costa Mesa 92627

Description of Area  
to be Removed:

Back yard

Cover:

Dirt

Grass

Gravel

Driveway:

Yes

No

Type: concrete

Vegetation:

Yes

No

Fence Removal and Replacement:

Yes

No

Type:

Replacement Cover:

Dirt

St. Augustine Grass

Other

Vegetation/Landscape Replacement:

The maximum container size for any replaced trees is 15 gallons; the maximum container size for replaced shrubs is 5 gallons. Replacement vegetation will come from regional nurseries. The yard will be restored either with St. Augustine sod, dirt, or other as indicated above.

Description of Vegetation:

4 medium sized trees in backyard → keep

List of Items to be Removed and Replaced:

Tree on south side of house may be removed  
(tree by central AC unit), Clothes hang dry poles  
can be removed.

Comments on Pre-Existing Structural Conditions:

Fence Wooden fence is uneven and leaning in  
places.

List of Personal Property Items:

Ladder on north side of house

\* Site Drawing Attached

WESTON Representative

Craig Watts

TCEQ Representative

Owner/Resident

Date

7/27/11

Date

7/27/11

Date



Wind blowing north - NW

X = ADR 1500 Air monitor

⊗ = PQ100 Air sampler S

## Pre-Removal Inspection Checklist

Owner's/Resident's  
Name

LORIANNA GODINEZ

Address:

1145 GOLLA DR

CORPUS CHRISTI, TX

Description of Area  
to be Removed:

Backyard: concrete walkway between

garage & house, cinder block walkway/patio

along back of house garage, chainlink fence surrounding.

Cover:

Dirt

Grass

Gravel

Driveway:

Yes

No

Type: Concrete

Vegetation:

Yes

No

Fence Removal and Replacement:

Yes

No

Type: re-install Chainlink

Replacement Cover:

Dirt

St. Augustine Grass

Other

Vegetation/Landscape Replacement:

Yes - 1 Myrtle, 12 aloe vera

The maximum container size for any replaced trees is 15 gallons; the maximum container size for replaced shrubs is 5 gallons. Replacement vegetation will come from regional nurseries. The yard will be restored either with St. Augustine sod, dirt, or other as indicated above.

Description of Vegetation:

4 trees in backyard: 3 directly behind house, & 1 SW  
corner of yard. Bush against back of house adjacent to  
central air unit. Garden south of garage. Small bush  
SE corner of garage. Turf yard.

List of Items to be Removed and Replaced:

None.

BND

Comments on Pre-Existing Structural Conditions:

Wood frame house & garage in good condition. Garage door slightly bent.

BND

BND

List of Personal Property Items:

Garden statue, Grill, Child's ladder, Basketball hoop, Patio furniture, Garden hose, Ladder.

BND

BND

\* Site Video Recorded

Brandon Niles  
WESTON Representative

7-22-2011  
Date

Wally  
TCEQ Representative

7/22/2011  
Date

Loriana Godinez  
Owner/Resident

7/22/11  
Date

### Pre-Removal Inspection Checklist

Owner's/Resident's Name

RONALD LEE GREG

Address:

1218 GOLLA DR

CORPUS CHRISTI, TX

Description of Area to be Removed:

Backyard: Open area with  
1 tree on southern border fence,  
Chain link fence surrounding.

Cover:

Dirt       Grass       Gravel

Driveway:

Yes       No      Type: concrete with dirt median

Vegetation:

Yes       No

Fence Removal and Replacement:

Yes       No      Type:

Replacement Cover:

Dirt       St. Augustine Grass       Other

Vegetation/Landscape Replacement:

The maximum container size for any replaced trees is 15 gallons; the maximum container size for replaced shrubs is 5 gallons. Replacement vegetation will come from regional nurseries. The yard will be restored either with St. Augustine sod, dirt, or other as indicated above.

Description of Vegetation:

Turf yard, 1 tree. BNH  
BNH

List of Items to be Removed and Replaced:

Concrete pavers from driveway to back door  
(pick up & re-install). ~~\_\_\_\_\_~~

Comments on Pre-Existing Structural Conditions:

wood frame with stone treatments (house & garage),  
fair condition. Garage door slightly bent. Chainlink  
fence missing back gate, & is damaged in sections

List of Personal Property Items:

smoker grill, potted plants, 5-gal bucket, flower  
pots, table, milk crater, window planters, old  
washing machine discharge pipe from garage, & garden  
hose. ~~\_\_\_\_\_~~

\* Site Video Recorded

Bordan Viles  
WESTON Representative

7-22-2011  
Date

Daley  
TCEQ Representative

7/22/2011  
Date

Janie Bodwell  
Owner/Resident

7/25/2011  
Date

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**APPENDIX B**

**ANALYTICAL SUMMARY TABLES**

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**Appendix B**  
**Summary of Confirmation Sample Analytical Results**

Dona Park Residential Removal Site  
Corpus Christi, Nueces County, Texas

|                  |           |              |             | Analyte                         | Cadmium           | Lead  |
|------------------|-----------|--------------|-------------|---------------------------------|-------------------|-------|
|                  |           |              |             | Removal Action Criteria (mg/kg) | 50                | 500   |
|                  |           |              |             | Units                           | mg/kg             | mg/kg |
| Address          | Sample ID | Date Sampled | Sample Type |                                 |                   |       |
| 1253 Dona Drive  | ECL-250-B | 7/29/2011    | Normal      | <b>8.9</b>                      | <b>68.5</b>       |       |
| 1253 Dona Drive  | ECL-900-B | 7/29/2011    | Duplicate   | <b>8.32</b>                     | <b>67.3</b>       |       |
| 1145 Golla Drive | ECL-251-B | 8/4/2011     | Normal      | <b>39.3</b>                     | <b>243 JI-DL</b>  |       |
| 1218 Golla Drive | ECL-252-B | 8/4/2011     | Normal      | <b>17.8</b>                     | <b>88.7 JI-DL</b> |       |
| 1265 Golla Drive | ECL-253-B | 8/4/2011     | Normal      | <b>7.6</b>                      | <b>41 JI-DL</b>   |       |
| 1257 Golla Drive | ECL-254-B | 8/9/2011     | Normal      | <b>25.3</b>                     | <b>157</b>        |       |

Notes:

Removal Action Criteria is based on TRRP Residential Soil Tier 1 for soil total combined 0.5-acres source.

Bold font indicates detection above the sample quantification limit

Yellow highlight indicates exceedence of removal action criteria

mg/kg = milligrams per kilogram

Nomenclature: [Ex Situ Composite Laboratory] - [TCEQ-directed numbering sequence]- [Backyard (B) or Frontyard (F)]

**Lab qualifier definitions:**

B = Reported value between the method detection limit and reporting limit

U = analyte not reported at the method detection limit

Data review qualifier definitions:

D = laboratory duplicate precision evaluation criteria not met

J = estimated value

I = likely indeterminate bias



## Appendix B Summary of Topsoil Sample Analytical Results

Dona Park Residential Removal Site  
Corpus Christi, Nueces County, Texas

| Analyte                    | CAS Number | Units | Residential Soil<br>Total Combined<br>0.5-acre Source<br>(Res <sup>GW</sup> Soil <sub>comb</sub> ) | HAC Top Soil<br>07/14/2011<br>Normal |
|----------------------------|------------|-------|--|--------------------------------------|
| <b>Metals</b>              |            |       |  |                                      |
| Arsenic                    | 7440-38-2  | mg/kg | 24.168   | <b>6.01</b>                          |
| Barium                     | 7440-39-3  | mg/kg | 8095.520   | <b>275</b>                           |
| Cadmium                    | 7440-43-9  | mg/kg | 52.421   | <b>0.418</b>                         |
| Chromium                   | 7440-47-3  | mg/kg | 32607.148  | <b>20.7</b>                          |
| Lead                       | 7439-92-1  | mg/kg | 500.000  | <b>14.2</b>                          |
| Mercury                    | 7439-97-6  | mg/kg | 3.649  | 0.0169 U                             |
| Selenium                   | 7782-49-2  | mg/kg | 308.659  | <b>1.73</b>                          |
| Silver                     | 7440-22-4  | mg/kg | 96.680   | <b>0.152 J</b>                       |
| <b>RCI</b>                 |            |       |  |                                      |
| Cyanide, Total             | 57-12-5(t) | mg/kg |  | 0.196 U                              |
| <b>SVOC</b>                |            |       |  |                                      |
| 1-chloro-4-phenoxybenzene  | 7005-72-3  | mg/kg | 0.163  | 0.0104 U                             |
| 2,4,5-Trichlorophenol      | 95-95-4    | mg/kg | 6656.535   | 0.0104 U                             |
| 2,4,6-Trichlorophenol      | 88-06-2    | mg/kg | 66.565   | 0.0104 U                             |
| 2,4-Dichlorophenol         | 120-83-2   | mg/kg | 199.696  | 0.0104 U                             |
| 2,4-Dimethylphenol         | 105-67-9   | mg/kg | 1331.307   | 0.0104 U                             |
| 2,4-Dinitrophenol          | 51-28-5    | mg/kg | 133.131  | 0.0522 U                             |
| 2,4-Dinitrotoluene         | 121-14-2   | mg/kg | 6.909  | 0.0104 U                             |
| 2,6-Dinitrotoluene         | 606-20-2   | mg/kg | 6.909  | 0.0104 U                             |
| 2-Chloronaphthalene        | 91-58-7    | mg/kg | 5042.017   | 0.0104 U                             |
| 2-Chlorophenol             | 95-57-8    | mg/kg | 409.499  | 0.0104 U                             |
| 2-Methylnaphthalene        | 91-57-6    | mg/kg | 252.101  | 0.0104 U                             |
| 2-Methylphenol             | 95-48-7    | mg/kg | 3328.268   | 0.0104 U                             |
| 2-Nitroaniline             | 88-74-4    | mg/kg | 14.069   | 0.0104 U                             |
| 2-Nitrophenol              | 88-75-5    | mg/kg | 133.131  | 0.0104 U                             |
| 3,3'-Dichlorobenzidine     | 91-94-1    | mg/kg | 10.441   | 0.0104 U                             |
| 3-Nitroaniline             | 99-09-2    | mg/kg | 14.963   | 0.0104 U                             |
| 4,4'-DDD                   | 72-54-8    | mg/kg | 14.216   | 0.00211 U                            |
| 4,4'-DDE                   | 72-55-9    | mg/kg | 10.178   | 0.00211 U                            |
| 4,4'-DDT                   | 50-29-3    | mg/kg | 5.417  | 0.00211 U                            |
| 4,6-Dinitro-2-methylphenol | 534-52-1   | mg/kg | 6.657  | 0.0313 U                             |
| 4-Bromophenyl phenyl ether | 101-55-3   | mg/kg | 0.276  | 0.0104 U                             |
| 4-Chloro-3-methylphenol    | 59-50-7    | mg/kg | 332.827  | 0.0104 U                             |
| 4-Chloroaniline            | 106-47-8   | mg/kg | 23.492   | 0.0313 U                             |
| 4-Methylphenol             | 106-44-5   | mg/kg | 332.827  | 0.0209 U                             |
| 4-Nitroaniline             | 100-01-6   | mg/kg | 218.105  | 0.0104 U                             |
| 4-Nitrophenol              | 100-02-7   | mg/kg | 133.131  | 0.0522 U                             |



## Appendix B Summary of Topsoil Sample Analytical Results

Dona Park Residential Removal Site  
Corpus Christi, Nueces County, Texas

| Analyte                     | CAS Number | Units | Residential Soil<br>Total Combined<br>0.5-acre Source<br>(Res <sup>GW</sup> Soil <sub>comb</sub> ) | HAC Top Soil<br>07/14/2011<br>Normal |
|-----------------------------|------------|-------|--|--------------------------------------|
| Acenaphthene                | 83-32-9    | mg/kg | 2965.473   | 0.0104 U                             |
| Acenaphthylene              | 208-96-8   | mg/kg | 3781.513   | 0.0104 U                             |
| Acetophenone                | 98-86-2    | mg/kg | 6656.535   | 0.0104 U                             |
| Aldrin                      | 309-00-2   | mg/kg | 0.050  | 0.00211 U                            |
| Alpha-BHC                   | 319-84-6   | mg/kg | 0.256  | 0.00211 U                            |
| Alpha-chlordane             | 5103-71-9  | mg/kg | 12.806   | 0.00211 U                            |
| Anthracene                  | 120-12-7   | mg/kg | 17744.113  | 0.0104 U                             |
| Aroclor-1016                | 12674-11-2 | mg/kg |  | 0.0174 U                             |
| Aroclor-1221                | 11104-28-2 | mg/kg |  | 0.0174 U                             |
| Aroclor-1232                | 11141-16-5 | mg/kg |  | 0.0174 U                             |
| Aroclor-1242                | 53469-21-9 | mg/kg |  | 0.0174 U                             |
| Aroclor-1248                | 12672-29-6 | mg/kg |  | 0.0174 U                             |
| Aroclor-1254                | 11097-69-1 | mg/kg |  | 0.0174 U                             |
| Aroclor-1260                | 11096-82-5 | mg/kg |  | 0.0174 U                             |
| Aroclor-1268                | 11100-14-4 | mg/kg |  | 0.0174 UN                            |
| Atrazine                    | 1912-24-9  | mg/kg | 21.164   | 0.0104 U                             |
| Azinphos-methyl             | 86-50-0    | mg/kg | 99.848   | 0.00211 U                            |
| Benzaldehyde                | 100-52-7   | mg/kg | 8189.978   | 0.0104 UN                            |
| Benzo(a)anthracene          | 56-55-3    | mg/kg | 5.653  | <b>0.0209 J</b>                      |
| Benzo(a)pyrene              | 50-32-8    | mg/kg | 0.564  | <b>0.0209 J</b>                      |
| Benzo(b)fluoranthene        | 205-99-2   | mg/kg | 5.713  | <b>0.0278</b>                        |
| Benzo(g,h,i)perylene        | 191-24-2   | mg/kg | 1780.341   | 0.0104 U                             |
| Benzo(k)fluoranthene        | 207-08-9   | mg/kg | 57.232   | <b>0.0139 J</b>                      |
| Benzoic acid                | 65-85-0    | mg/kg | 266261.406   | 0.0522 U                             |
| Benzyl alcohol              | 100-51-6   | mg/kg | 6656.535   | 0.0104 U                             |
| Beta-BHC                    | 319-85-7   | mg/kg | 0.928  | 0.00211 U                            |
| Biphenyl, 1,1-              | 92-52-4    | mg/kg | 3328.268   | 0.0104 U                             |
| bis(2-Chloroethoxy)methane  | 111-91-1   | mg/kg | 3.099  | 0.0104 U                             |
| bis(2-Chloroethyl)ether     | 111-44-4   | mg/kg | 2.173  | 0.0104 U                             |
| bis(2-Chloroisopropyl)ether | 108-60-1   | mg/kg | 50.686   | 0.0104 U                             |
| bis(2-Ethylhexyl)phthalate  | 117-81-7   | mg/kg | 43.158   | 0.0313 U                             |
| Bolstar                     | 35400-43-2 | mg/kg | 195.043  | 0.00211 UN                           |
| Butyl Benzyl Phthalate      | 85-68-7    | mg/kg | 1608.591   | 0.0418 U                             |
| Caprolactam                 | 105-60-2   | mg/kg | 33282.676  | 0.0209 U                             |
| Carbazole                   | 86-74-8    | mg/kg | 234.921  | 0.0104 U                             |
| Chlorpyrifos                | 2921-88-2  | mg/kg | 127.888  | 0.00211 UN                           |
| Chrysene                    | 218-01-9   | mg/kg | 560.630  | 0.0104 U                             |
| Coumaphos                   | 56-72-4    | mg/kg | 428.442  | 0.00211 U                            |



## Appendix B Summary of Topsoil Sample Analytical Results

Dona Park Residential Removal Site  
Corpus Christi, Nueces County, Texas

| Analyte                   | CAS Number | Units | Residential Soil<br>Total Combined<br>0.5-acre Source<br>(Res <sup>GW</sup> Soil <sub>comb</sub> ) | HAC Top Soil<br>07/14/2011<br>Normal |
|---------------------------|------------|-------|--|--------------------------------------|
| Delta-BHC                 | 319-86-8   | mg/kg | 2.933  | 0.00211 U                            |
| Demeton                   | 8065-48-3  | mg/kg | 2.663  | 0.00211 U                            |
| Diazinon                  | 333-41-5   | mg/kg | 31.140   | 0.00211 UN                           |
| Dibenz(a,h)anthracene     | 53-70-3    | mg/kg | 0.550  | 0.0104 U                             |
| Dibenzofuran              | 132-64-9   | mg/kg | 266.261  | 0.0104 U                             |
| Dichlorvos                | 62-73-7    | mg/kg | 16.201   | 0.00211 U                            |
| Dieldrin                  | 60-57-1    | mg/kg | 0.146  | 0.00211 U                            |
| Diethyl phthalate         | 84-66-2    | mg/kg | 53252.281  | 0.0418 U                             |
| Dimethyl phthalate        | 131-11-3   | mg/kg | 53252.281  | 0.0418 U                             |
| Di-N-Butyl phthalate      | 84-74-2    | mg/kg | 6184.669   | 0.0418 U                             |
| Di-N-Octyl phthalate      | 117-84-0   | mg/kg | 2578.337   | 0.0418 U                             |
| Disulfoton                | 298-04-4   | mg/kg | 2.663  | 0.00211 U                            |
| Endosulfan I              | 959-98-8   | mg/kg | 90.813   | 0.00211 U                            |
| Endosulfan II             | 33213-65-9 | mg/kg | 272.439  | 0.00211 U                            |
| Endosulfan Sulfate        | 1031-07-8  | mg/kg | 384.520  | 0.00211 U                            |
| Endrin                    | 72-20-8    | mg/kg | 9.010  | 0.00211 U                            |
| Endrin Aldehyde           | 7421-93-4  | mg/kg | 19.373   | 0.00211 U                            |
| Ethoprop                  | 13194-48-4 | mg/kg | 6.657  | 0.00211 UN                           |
| Fensulfothion             | 115-90-2   | mg/kg | 66.565   | 0.00211 U                            |
| Fenthion                  | 55-38-9    | mg/kg | 4.660  | 0.00211 U                            |
| Fluoranthene              | 206-44-0   | mg/kg | 2316.432   | <b>0.0209 J</b>                      |
| Fluorene                  | 86-73-7    | mg/kg | 2262.904   | 0.0104 U                             |
| Gamma-BHC                 | 58-89-9    | mg/kg | 1.105  | 0.00211 U                            |
| Gamma-Chlordane           | 5103-74-2  | mg/kg | 7.386  | 0.00211 U                            |
| Heptachlor                | 76-44-8    | mg/kg | 0.129  | 0.00211 U                            |
| Heptachlor Epoxide        | 1024-57-3  | mg/kg | 0.239  | 0.00211 U                            |
| Hexachlorobenzene         | 118-74-1   | mg/kg | 1.074  | 0.0104 U                             |
| Hexachlorobutadiene       | 87-68-3    | mg/kg | 19.623   | 0.0104 U                             |
| Hexachlorocyclopentadiene | 77-47-4    | mg/kg | 13.690   | 0.0313 U                             |
| Hexachloroethane          | 67-72-1    | mg/kg | 66.565   | 0.0104 U                             |
| Indeno(1,2,3-cd)pyrene    | 193-39-5   | mg/kg | 5.722  | <b>0.0209 J</b>                      |
| Isophorone                | 78-59-1    | mg/kg | 4945.705   | 0.0104 U                             |
| Merphos                   | 150-50-5   | mg/kg | 1.997  | 0.00211 UN                           |
| Methoxychlor              | 72-43-5    | mg/kg | 273.777  | 0.00211 U                            |
| Methyl parathion          | 298-00-0   | mg/kg | 16.641   | 0.00211 U                            |
| Mevinphos                 | 7768-34-7  | mg/kg |  | 0.00211 U                            |
| Naled                     | 300-76-5   | mg/kg | 133.131  | 0.00211 U                            |
| Naphthalene               | 91-20-3    | mg/kg | 220.759  | 0.0104 U                             |



## Appendix B Summary of Topsoil Sample Analytical Results

Dona Park Residential Removal Site  
Corpus Christi, Nueces County, Texas

| Analyte                              | CAS Number | Units | Residential Soil<br>Total Combined<br>0.5-acre Source<br>(Res <sup>GW</sup> Soil <sub>comb</sub> ) | HAC Top Soil<br>07/14/2011<br>Normal |
|--------------------------------------|------------|-------|--|--------------------------------------|
| Nitrobenzene                         | 98-95-3    | mg/kg | 65.672   | 0.0104 U                             |
| N-Nitroso-di-N-propylamine           | 621-64-7   | mg/kg | 0.400  | 0.0104 U                             |
| N-Nitrosodiphenylamine               | 86-30-6    | mg/kg | 571.116  | 0.0104 U                             |
| Pentachlorophenol                    | 87-86-5    | mg/kg | 0.725  | 0.0104 U                             |
| Phenanthrene                         | 85-01-8    | mg/kg | 1705.203   | <b>0.0139 J</b>                      |
| Phenol                               | 108-95-2   | mg/kg | 19969.605  | 0.0104 U                             |
| Phorate                              | 298-02-2   | mg/kg | 13.313   | 0.00211 U                            |
| Pyrene                               | 129-00-0   | mg/kg | 1697.615   | <b>0.0139 J</b>                      |
| Ronnel                               | 299-84-3   | mg/kg | 2256.299   | 0.00211 UN                           |
| Stiropfos                            | 22248-79-9 | mg/kg | 2630.583   | 0.00211 U                            |
| Tokuthion                            | 34643-46-4 | mg/kg | 6.567  | 0.00211 UN                           |
| Toxaphene                            | 8001-35-2  | mg/kg | 1.242  | 0.0845 U                             |
| Trichloronate                        | 327-98-0   | mg/kg | 137.464  | 0.00211 UN                           |
| <b>TX1005</b>                        |            |       |  |                                      |
| Petroleum Hydrocarbons               | 8012-95-1  | mg/kg |  | 9.91 U                               |
| Petroleum Hydrocarbons (>C12 to C28) | PH_C12-C28 | mg/kg |  | 9.91 U                               |
| Petroleum Hydrocarbons (>C28 to C35) | PH_C28-C35 | mg/kg |  | 9.91 U                               |
| Petroleum Hydrocarbons (C06 to C12)  | PH_C06-C12 | mg/kg |  | 9.91 U                               |
| <b>VOC</b>                           |            |       |  |                                      |
| 1,1,1,2-Tetrachloroethane            | 630-20-6   | mg/kg | 65.287   | 0.00126 U                            |
| 1,1,1-Trichloroethane                | 71-55-6    | mg/kg | 52263.730  | 0.00126 U                            |
| 1,1,2,2-Tetrachloroethane            | 79-34-5    | mg/kg | 30.364   | 0.00126 U                            |
| 1,1,2-Trichloroethane                | 79-00-5    | mg/kg | 18.499   | 0.00126 U                            |
| 1,1-Dichloroethane                   | 75-34-3    | mg/kg | 11338.722  | 0.00126 U                            |
| 1,1-Dichloroethene                   | 75-35-4    | mg/kg | 2294.633   | 0.00126 U                            |
| 1,1-Dichloropropene                  | 563-58-6   | mg/kg | 36.187   | 0.00126 U                            |
| 1,2,3-Trichlorobenzene               | 87-61-6    | mg/kg | 120.266  | 0.00126 U                            |
| 1,2,3-Trichloropropane               | 96-18-4    | mg/kg | 0.202  | 0.00126 U                            |
| 1,2,4-Trichlorobenzene               | 120-82-1   | mg/kg | 123.042  | 0.00126 U                            |
| 1,2,4-Trimethylbenzene               | 95-63-6    | mg/kg | 150.833  | 0.00126 U                            |
| 1,2-Dibromo-3-chloropropane          | 96-12-8    | mg/kg | 0.154  | 0.00126 U                            |
| 1,2-Dibromoethane                    | 106-93-4   | mg/kg | 0.734  | 0.00126 U                            |
| 1,2-Dichlorobenzene                  | 95-50-1    | mg/kg | 719.824  | 0.00126 U                            |
| 1,2-Dichloroethane                   | 107-06-2   | mg/kg | 11.419   | 0.00126 U                            |
| 1,2-Dichloropropane                  | 78-87-5    | mg/kg | 60.896   | 0.00126 U                            |
| 1,3,5-Trimethylbenzene               | 108-67-8   | mg/kg | 112.520  | 0.00126 U                            |
| 1,3-Dichlorobenzene                  | 541-73-1   | mg/kg | 116.960  | 0.00126 U                            |
| 1,3-Dichloropropane                  | 142-28-9   | mg/kg | 36.187   | 0.00126 U                            |



## Appendix B Summary of Topsoil Sample Analytical Results

Dona Park Residential Removal Site  
Corpus Christi, Nueces County, Texas

| Analyte                        | CAS Number  | Units | Residential Soil<br>Total Combined<br>0.5-acre Source<br>(Res <sup>GW</sup> Soil <sub>comb</sub> ) | HAC Top Soil<br>07/14/2011<br>Normal |
|--------------------------------|-------------|-------|--|--------------------------------------|
| 1,4-Dichlorobenzene            | 106-46-7    | mg/kg | 253.030  | 0.00126 U                            |
| 1-Chlorohexane                 | 544-10-5    | mg/kg | 2699.823   | 0.00126 U                            |
| 2,2-Dichloropropane            | 594-20-7    | mg/kg | 60.896   | 0.00126 U                            |
| 2-Chlorotoluene                | 95-49-8     | mg/kg | 1208.803   | 0.00126 U                            |
| 2-Hexanone                     | 591-78-6    | mg/kg | 273.766  | 0.00632 U                            |
| 4-Chlorotoluene                | 106-43-4    | mg/kg | 1637.995   | 0.00126 U                            |
| 4-Methyl-2-pentanone           | 108-10-1    | mg/kg | 5885.579   | 0.00632 U                            |
| Acetone                        | 67-64-1     | mg/kg | 65613.289  | <b>0.0518 J</b>                      |
| Benzene                        | 71-43-2     | mg/kg | 116.115  | 0.00126 U                            |
| Bromobenzene                   | 108-86-1    | mg/kg | 390.997  | 0.00126 U                            |
| Bromochloromethane             | 74-97-5     | mg/kg | 3275.991   | 0.00126 U                            |
| Bromodichloromethane           | 75-27-4     | mg/kg | 97.947   | 0.00126 U                            |
| Bromoform                      | 75-25-2     | mg/kg | 400.942  | 0.00126 U                            |
| Carbon disulfide               | 75-15-0     | mg/kg | 4647.647   | 0.00126 U                            |
| Carbon tetrachloride           | 56-23-5     | mg/kg | 35.363   | 0.00126 U                            |
| Chlorobenzene                  | 108-90-7    | mg/kg | 522.637  | 0.00126 U                            |
| Chloroethane                   | 75-00-3     | mg/kg | 26998.229  | 0.00126 U                            |
| Chloroform                     | 67-66-3     | mg/kg | 15.573   | 0.00126 U                            |
| cis-1,2-Dichloroethene         | 156-59-2    | mg/kg | 139.068  | 0.00126 U                            |
| cis-1,3-Dichloropropene        | 10061-01-5  | mg/kg | 7.977  | 0.00126 U                            |
| Cyclohexane                    | 110-82-7    | mg/kg | 75192.133  | 0.00632 UN                           |
| Dibromochloromethane           | 124-48-1    | mg/kg | 72.294   | 0.00126 U                            |
| Dibromomethane                 | 74-95-3     | mg/kg | 80.675   | 0.00126 U                            |
| Dichlorodifluoromethane        | 75-71-8     | mg/kg | 1403.537   | 0.00126 U                            |
| Ethylbenzene                   | 100-41-4    | mg/kg | 6394.413   | 0.00126 U                            |
| Hexachlorobutadiene            | 87-68-3     | mg/kg | 19.623   | 0.00126 U                            |
| Isopropylbenzene               | 98-82-8     | mg/kg | 4343.167   | 0.00126 U                            |
| m,p-Xylene                     | 1330-20-7MP | mg/kg | 8857.577   | 0.00126 U                            |
| Methyl Acetate                 | 79-20-9     | mg/kg | 81899.773  | 0.00632 U                            |
| Methyl Bromide                 | 74-83-9     | mg/kg | 45.977   | 0.00126 U                            |
| Methyl Chloride                | 74-87-3     | mg/kg | 139.546  | 0.00126 U                            |
| Methyl cyclohexane             | 108-87-2    | mg/kg | 41396.695  | 0.00632 U                            |
| Methyl Ethyl Ketone            | 78-93-3     | mg/kg | 39500.773  | 0.00632 U                            |
| Methyl tert-butyl ether (MTBE) | 1634-04-4   | mg/kg | 804.687  | 0.00126 U                            |
| Methylene chloride             | 75-09-2     | mg/kg | 392.587  | 0.00632 U                            |
| Naphthalene                    | 91-20-3     | mg/kg | 220.759  | 0.00632 U                            |
| n-Butylbenzene                 | 104-51-8    | mg/kg | 3328.268   | 0.00126 U                            |
| n-Propylbenzene                | 103-65-1    | mg/kg | 2157.787   | 0.00126 U                            |



## Appendix B Summary of Topsoil Sample Analytical Results

Dona Park Residential Removal Site  
Corpus Christi, Nueces County, Texas

| Analyte                   | CAS Number | Units | Residential Soil<br>Total Combined<br>0.5-acre Source<br>(Res <sup>GW</sup> Soil <sub>comb</sub> ) | HAC Top Soil<br>07/14/2011<br>Normal |
|---------------------------|------------|-------|--|--------------------------------------|
| o-Xylene                  | 95-47-6    | mg/kg | 48153.551  | 0.00126 U                            |
| p-Isopropyltoluene        | 99-87-6    | mg/kg | 8189.978   | 0.00126 U                            |
| sec-Butylbenzene          | 135-98-8   | mg/kg | 3275.991   | 0.00126 U                            |
| Styrene                   | 100-42-5   | mg/kg | 6675.788   | 0.00126 U                            |
| tert-Butylbenzene         | 98-06-6    | mg/kg | 3275.991   | 0.00126 U                            |
| Tetrachloroethene         | 127-18-4   | mg/kg | 103.909  | 0.00126 U                            |
| Toluene                   | 108-88-3   | mg/kg | 5934.217   | 0.00126 U                            |
| trans-1,2-Dichloroethene  | 156-60-5   | mg/kg | 589.544  | 0.00126 U                            |
| trans-1,3-Dichloropropene | 10061-02-6 | mg/kg | 36.187   | 0.00126 U                            |
| Trichloroethene           | 79-01-6    | mg/kg | 116.968  | 0.00126 U                            |
| Trichlorofluoromethane    | 75-69-4    | mg/kg | 24569.934  | 0.00632 U                            |
| Trichlorotrifluoroethane  | 76-13-1    | mg/kg | 387829.563   | 0.00632 U                            |
| Vinyl Chloride            | 75-01-4    | mg/kg | 3.697  | 0.00126 U                            |

**Notes:**

Removal Action Criteria is based on TRRP Residential Soil Tier 1 for soil total combined 0.5-acres source.

Bold font indicates detection above the sample quantification limit

Yellow highlight indicates exceedence of removal action criteria

mg/kg = milligrams per kilogram

Nomenclature: [Ex Situ Composite Laboratory] - [TCEQ-directed numbering sequence]- [Backyard (B) or Frontyard (F)]

**Lab qualifier definitions:**

B = Reported value between the method detection limit and reporting limit

U = analyte not reported at the method detection limit

Data review qualifier definitions:

D = laboratory duplicate precision evaluation criteria not met

J = estimated value

I = likely indeterminate bias



## Appendix B Summary of Waste Sample Analytical Results

Dona Park Residential Removal Site  
Corpus Christi, Nueces County, Texas

| Analyte    |            |              |             | Arsenic   | Barium       | Cadmium       | Chromium  | Lead          | Mercury   | Selenium  | Silver    |
|------------|------------|--------------|-------------|-----------|--------------|---------------|-----------|---------------|-----------|-----------|-----------|
| CASNumber  |            |              |             | 7440-38-2 | 7440-39-3    | 7440-43-9     | 7440-47-3 | 7439-92-1     | 7439-97-6 | 7782-49-2 | 7440-22-4 |
| RCRA_TCLP  |            |              |             | 5         | 100          | 1             | 5         | 5             | 0.20      | 1         | 5         |
| Units      |            |              |             | mg/l      | mg/l         | mg/l          | mg/l      | mg/l          | mg/l      | mg/l      | mg/l      |
| Station    | Sample ID  | Date Sampled | Sample Type |           |              |               |           |               |           |           |           |
| 1253 Dona  | 1253 Dona  | 6/17/2011    | Normal      | 0.02 U    | <b>0.878</b> | <b>0.0678</b> | 0.02 U    | <b>0.0501</b> | 0.0008 U  | 0.02 U    | 0.01 U    |
| 1257 Golla | 1257 Golla | 6/17/2011    | Normal      | 0.02 U    | <b>0.804</b> | <b>0.349</b>  | 0.02 U    | <b>0.0873</b> | 0.0008 U  | 0.02 U    | 0.01 U    |
| 1265 Golla | 1265 Golla | 6/17/2011    | Normal      | 0.02 U    | <b>0.697</b> | <b>0.167</b>  | 0.02 U    | <b>0.0238</b> | 0.0008 U  | 0.02 U    | 0.01 U    |

Notes:

Removal Action Criteria is based on TRRP Residential Soil Tier 1 for soil total combined 0.5-acres source.

Bold font indicates detection above the sample quantification limit

Yellow highlight indicates exceedence of removal action criteria

mg/L = milligrams per liter

**Lab qualifier definitions:**

U = analyte not reported at the method detection limit

Data review qualifier definitions:

D = laboratory duplicate precision evaluation criteria not met

J = estimated value

I = likely indeterminate bias

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**APPENDIX C**

**LABORATORY DATA PACKAGES**

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August 08, 2011

Dawn Denham  
Weston Solutions, Inc.  
5599 San Felipe, Suite 700  
Houston, Texas 77056

Order No: 1108053

TEL: (713) 985-6600  
FAX: (713) 985-6703

RE: TCEQ Dona Park Residential Removal Action

Dear Dawn Denham:

DHL Analytical received 3 sample(s) on 8/5/2011 for the analyses presented in the following report.

There were no problems with the analyses and all data met requirements of NELAC except where noted in the Case Narrative. All non-NELAC methods will be identified accordingly in the case narrative and all estimated uncertainties of test results are within method or EPA specifications.

If you have any questions regarding these tests results, please feel free to call. Thank you for using DHL Analytical.

Sincerely,

A handwritten signature in black ink that reads "John DuPont".

John DuPont  
General Manager

This report was performed under the accreditation of the State of Texas Laboratory Certification Number: T104704211-11-7



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**MQL Summary Report**..... 20





Sample Receipt Checklist

Client Name Weston Solutions, Inc.

Date Received: 8/5/2011

Work Order Number 1108053

Received by JB

Checklist completed by: [Signature] 8/5/11  
Signature Date

Reviewed by: [Initials] 8-5-11  
Initials Date

Carrier name: FedEx 1day

- Shipping container/cooler in good condition? Yes  No  Not Present
- Custody seals intact on shipping container/cooler? Yes  No  Not Present
- Custody seals intact on sample bottles? Yes  No  Not Present
- Chain of custody present? Yes  No
- Chain of custody signed when relinquished and received? Yes  No
- Chain of custody agrees with sample labels? Yes  No
- Samples in proper container/bottle? Yes  No
- Sample containers intact? Yes  No
- Sufficient sample volume for indicated test? Yes  No
- All samples received within holding time? Yes  No
- Container/Temp Blank temperature in compliance? Yes  No  24.6 °C
- Water - VOA vials have zero headspace? Yes  No  No VOA vials submitted
- Water - pH acceptable upon receipt? Yes  No  Not Applicable

Adjusted? \_\_\_\_\_ Checked by \_\_\_\_\_

Any No response must be detailed in the comments section below.

Client contacted \_\_\_\_\_ Date contacted: \_\_\_\_\_ Person contacted \_\_\_\_\_

Contacted by: \_\_\_\_\_ Regarding: \_\_\_\_\_

Comments: \_\_\_\_\_

Corrective Action \_\_\_\_\_

# Laboratory Data Package Signature Page – RG-366/TRRP-13

This data package consists of:

This signature page, the laboratory review checklist, and the following reportable data:

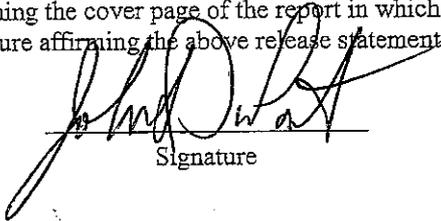
- R1 Field chain-of-custody documentation;
- R2 Sample identification cross-reference;
- R3 Test reports (analytical data sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5,
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - 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 (DCS results can be found with the Miscellaneous Documents) for each analyte for each method and matrix;
- R10 Other problems or anomalies.

The Exception Report for every "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 that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information or data affecting the quality of the data has been knowingly withheld.

This laboratory was last inspected by TCEQ on May 17-20, 2011. Any findings affecting the data in this laboratory data package are noted in the Exception Reports herein. The official signing the cover page of the report in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

John DuPont – General Manager  
Scott Schroeder – Technical Director

  
Signature

08/08/11  
Date

**DHL Analytical, Inc.**

**Laboratory Review Checklist: Reportable Data**

| Project Name: TCEQ Dona Park Residential Removal Action |                | Date: 8/8/11  |     |    |                 |                 |                  |
|---|----------------|---|-----|----|-----------------|-----------------|------------------|
| Reviewer Name: Carlos Castro                            |                | Laboratory Work Order: 1108053  |     |    |                 |                 |                  |
| Prep Batch Number(s): See Prep Dates Report             |                | Run Batch: See Analytical Dates Report  |     |    |                 |                 |                  |
| # <sup>1</sup>  | A <sup>2</sup> | Description   | Yes | No | NA <sup>3</sup> | NR <sup>4</sup> | ER# <sup>5</sup> |
|   |                | <b>Chain-of-Custody (C-O-C)</b>   |     |    |                 |                 |                  |
| R1  | OI             | 1) Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?  | X   |    |                 |                 | R1-01            |
|   |                | 2) Were all departures from standard conditions described in an exception report?   |     |    | X               |                 |                  |
| R2  | OI             | <b>Sample and Quality Control (QC) Identification</b>   |     |    |                 |                 |                  |
|   |                | 1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?   | X   |    |                 |                 |                  |
|   |                | 2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?   | X   |    |                 |                 |                  |
| R3  | OI             | <b>Test Reports</b>   |     |    |                 |                 |                  |
|   |                | 1) Were all samples prepared and analyzed within holding times?   | X   |    |                 |                 |                  |
|   |                | 2) Other than those results < MQL, were all other raw values bracketed by calibration standards?  | X   |    |                 |                 |                  |
|   |                | 3) Were calculations checked by a peer or supervisor?   | X   |    |                 |                 |                  |
|   |                | 4) Were all analyte identifications checked by a peer or supervisor?  | X   |    |                 |                 |                  |
|   |                | 5) Were sample detection limits reported for all analytes not detected?   | X   |    |                 |                 |                  |
|   |                | 6) Were all results for soil and sediment samples reported on a dry weight basis?   | X   |    |                 |                 |                  |
|   |                | 7) Were % moisture (or solids) reported for all soil and sediment samples?  | X   |    |                 |                 |                  |
|   |                | 8) Were bulk soils/solids samples for volatile analysis extracted with methanol per EPA Method 5035?  |     |    |                 | X               |                  |
|   |                | 9) If required for the project, TICs reported?  |     |    |                 | X               |                  |
| R4  | O              | <b>Surrogate Recovery Data</b>  |     |    |                 |                 |                  |
|   |                | 1) Were surrogates added prior to extraction?   |     |    | X               |                 |                  |
|   |                | 2) Were surrogate percent recoveries in all samples within the laboratory QC limits?  |     |    | X               |                 |                  |
| R5  | OI             | <b>Test Reports/Summary Forms for Blank Samples</b>   |     |    |                 |                 |                  |
|   |                | 1) Were appropriate type(s) of blanks analyzed?   | X   |    |                 |                 |                  |
|   |                | 2) Were blanks analyzed at the appropriate frequency?   | X   |    |                 |                 |                  |
|   |                | 3) Where method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?   | X   |    |                 |                 |                  |
|   |                | 4) Were blank concentrations < MQL?   | X   |    |                 |                 |                  |
| R6  | OI             | <b>Laboratory Control Samples (LCS):</b>  |     |    |                 |                 |                  |
|   |                | 1) Were all COCs included in the LCS?   | X   |    |                 |                 |                  |
|   |                | 2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?  | X   |    |                 |                 |                  |
|   |                | 3) Were LCSs analyzed at the required frequency?  | X   |    |                 |                 |                  |
|   |                | 4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?  | X   |    |                 |                 |                  |
|   |                | 5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?   | X   |    |                 |                 |                  |
|   |                | 6) Was the LCSD RPD within QC limits (if applicable)?   | X   |    |                 |                 |                  |
| R7  | OI             | <b>Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Data</b>  |     |    |                 |                 |                  |
|   |                | 1) Were the project/method specified analytes included in the MS and MSD?   | X   |    |                 |                 |                  |
|   |                | 2) Were MS/MSD analyzed at the appropriate frequency?   | X   |    |                 |                 |                  |
|   |                | 3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?  |     |    | X               |                 | R7-03            |
|   |                | 4) Were MS/MSD RPDs within laboratory QC limits?  | X   |    |                 |                 |                  |
| R8  | OI             | <b>Analytical Duplicate Data</b>  |     |    |                 |                 |                  |
|   |                | 1) Were appropriate analytical duplicates analyzed for each matrix?   | X   |    |                 |                 |                  |
|   |                | 2) Were analytical duplicates analyzed at the appropriate frequency?  | X   |    |                 |                 |                  |
|   |                | 3) Were RPDs or relative standard deviations within the laboratory QC limits?   | X   |    |                 |                 |                  |
| R9  | OI             | <b>Method Quantitation Limits (MQLs):</b>   |     |    |                 |                 |                  |
|   |                | 1) Are the MQLs for each method analyte included in the laboratory data package?  | X   |    |                 |                 |                  |
|   |                | 2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?   | X   |    |                 |                 |                  |
|   |                | 3) Are unadjusted MQLs and DCSS included in the laboratory data package?  | X   |    |                 |                 |                  |
| R10   | OI             | <b>Other Problems/Anomalies</b>   |     |    |                 |                 |                  |
|   |                | 1) Are all known problems/anomalies/special conditions noted in this LRC and ER?  | X   |    |                 |                 |                  |
|   |                | 2) Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?   | X   |    |                 |                 |                  |
|   |                | 3) 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" should be included in the laboratory data package submitted to the TCEQ 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).

**DHL Analytical, Inc.**

**Laboratory Review Checklist (continued): Supporting Data**

| Project Name: TCEQ Dona Park Residential Removal Action |                | Date: 8/8/11  |     |    |                 |                 |                  |
|---|----------------|---|-----|----|-----------------|-----------------|------------------|
| Reviewer Name: Carlos Castro                            |                | Laboratory Work Order: 1108053  |     |    |                 |                 |                  |
| # <sup>1</sup>  | A <sup>2</sup> | Description   | Yes | No | NA <sup>3</sup> | NR <sup>4</sup> | ER# <sup>5</sup> |
| S1  | OI             | <b>Initial Calibration (ICAL)</b>   |     |    |                 |                 |                  |
|   |                | 1) Were response factors and/or relative response factors for each analyte within QC limits?                  | X   |    |                 |                 |                  |
|   |                | 2) Were percent RSDs or correlation coefficient criteria met?   | X   |    |                 |                 |                  |
|   |                | 3) Was the number of standards recommended in the method used for all analytes?                               | X   |    |                 |                 |                  |
|   |                | 4) Were all points generated between the lowest and highest standard used to calculate the curve?             | X   |    |                 |                 |                  |
|   |                | 5) Are ICAL data available for all instruments used?  | X   |    |                 |                 |                  |
|   |                | 6) Has the initial calibration curve been verified using an appropriate second source standard?               | X   |    |                 |                 |                  |
| S2  | OI             | <b>Initial and Continuing Calibration Verification (ICCV and CCV) and Continuing Calibration Blank (CCB):</b> |     |    |                 |                 |                  |
|   |                | 1) Was the CCV analyzed at the method-required frequency?   | X   |    |                 |                 |                  |
|   |                | 2) Were percent differences for each analyte within the method-required QC limits?                            | X   |    |                 |                 |                  |
|   |                | 3) Was the ICAL curve verified for each analyte?  | X   |    |                 |                 |                  |
|   |                | 4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?                            | X   |    |                 |                 |                  |
| S3  | O              | <b>Mass Spectral Tuning:</b>  |     |    |                 |                 |                  |
|   |                | 1) Was the appropriate compound for the method used for tuning?   | X   |    |                 |                 |                  |
|   |                | 2) Were ion abundance data within the method-required QC limits?  | X   |    |                 |                 |                  |
| S4  | O              | <b>Internal Standards (IS):</b>   |     |    |                 |                 |                  |
|   |                | 1) Were IS area counts and retention times within the method-required QC limits?                              | X   |    |                 |                 |                  |
| S5  | OI             | <b>Raw Data (NELAC Section 5.5.10)</b>  |     |    |                 |                 |                  |
|   |                | 1) Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?                      | X   |    |                 |                 |                  |
|   |                | 2) Were data associated with manual integrations flagged on the raw data?                                     | X   |    |                 |                 |                  |
| S6  | O              | <b>Dual Column Confirmation</b>   |     |    |                 |                 |                  |
|   |                | 1) Did dual column confirmation results meet the method-required QC?  |     |    | X               |                 |                  |
| S7  | O              | <b>Tentatively Identified Compounds (TICs):</b>   |     |    |                 |                 |                  |
|   |                | 1) If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?                  |     |    | X               |                 |                  |
| S8  | I              | <b>Interference Check Sample (ICS) Results:</b>   |     |    |                 |                 |                  |
|   |                | 1) Were percent recoveries within method QC limits?   | X   |    |                 |                 |                  |
| S9  | I              | <b>Serial Dilutions, Post Digestion Spikes, and Method of Standard Additions</b>                              |     |    |                 |                 |                  |
|   |                | 1) Were percent differences, recoveries, and the linearity within the QC limits specified in the method?      |     | X  |                 |                 | S9-01            |
| S10   | OI             | <b>Method Detection Limit (MDL) Studies</b>   |     |    |                 |                 |                  |
|   |                | 1) Was a MDL study performed for each reported analyte?   | X   |    |                 |                 |                  |
|   |                | 2) Is the MDL either adjusted or supported by the analysis of DCSs?   | X   |    |                 |                 |                  |
| S11   | OI             | <b>Proficiency Test Reports:</b>  |     |    |                 |                 |                  |
|   |                | 1) Was the lab's performance acceptable on the applicable proficiency tests or evaluation studies?            | X   |    |                 |                 |                  |
| S12   | OI             | <b>Standards Documentation</b>  |     |    |                 |                 |                  |
|   |                | 1) Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?          | X   |    |                 |                 |                  |
| S13   | OI             | <b>Compound/Analyte Identification Procedures</b>   |     |    |                 |                 |                  |
|   |                | 1) Are the procedures for compound/analyte identification documented?   | X   |    |                 |                 |                  |
| S14   | OI             | <b>Demonstration of Analyst Competency (DOC)</b>  |     |    |                 |                 |                  |
|   |                | 1) Was DOC conducted consistent with NELAC Chapter 5 – Appendix C?  | X   |    |                 |                 |                  |
|   |                | 2) Is documentation of the analyst's competency up-to-date and on file?                                       | X   |    |                 |                 |                  |
| S15   | OI             | <b>Verification/Validation Documentation for Methods (NELAC Chapter 5)</b>                                    |     |    |                 |                 |                  |
|   |                | 1) Are all the methods used to generate the data documented, verified, and validated, where applicable?       | X   |    |                 |                 |                  |
| S16   | OI             | <b>Laboratory Standard Operating Procedures (SOPs):</b>   |     |    |                 |                 |                  |
|   |                | 1) Are laboratory SOPs current and on file for each method performed?   | X   |    |                 |                 |                  |

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ 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).

# DCS REPORTING

RunID: ICP-MS2\_110725A  
SampleID: DCS-47356-1  
TestNo: SW6020  
BatchID: 47356

Prep Date: 7/25/2011  
Analysis Date: 7/25/2011  
Units: mg/Kg

| Analyte | Result | RL  | SPK Val | %REC | Low Limit | High Limit | Flag |
|---------|--------|-----|---------|------|-----------|------------|------|
| Arsenic | 0.126  | 1   | 0.15    | 84.1 | 60        | 140        |      |
| Cadmium | 0.144  | 0.3 | 0.15    | 96.1 | 60        | 140        |      |
| Lead    | 0.189  | 0.3 | 0.15    | 126  | 60        | 140        |      |
| Silver  | 0.149  | 0.2 | 0.15    | 99.2 | 60        | 140        |      |

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CLIENT: Weston Solutions, Inc.  
Project: TCEQ Dona Park Residential Removal Action  
Lab Order: 1108053

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**CASE NARRATIVE**

The samples were analyzed using the methods outlined in the following references:

Method SW6020A - Metals Analysis  
Method D2216 - Percent Moisture

Exception Report R1-01

The samples were received and log in performed on 8/5/11. A total of 3 samples were received. The samples arrived in good condition and were properly packaged.

Exception Report R7-03

For Metals analysis performed on 8/5/11 the matrix spike recovery was slightly above control limits for Lead. This is flagged accordingly in the QC summary report. The reference sample selected for the matrix spike and matrix spike duplicate was from this work order. The LCS was within control limits for this analyte. No further corrective actions were taken.

Exception Report S9-01

For Metals analysis performed on 8/5/11 the RPD for the serial dilution was slightly above control limits for Lead. This is flagged accordingly in the QC summary report. The PDS was within control limits for this analyte. No further corrective actions were taken.

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CLIENT: Weston Solutions, Inc.  
Project: TCEQ Dona Park Residential Removal Action  
Lab Order: 1108053

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**Work Order Sample Summary**

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| <b>Lab Smp ID</b> | <b>Client Sample ID</b> | <b>Tag Number</b> | <b>Date Collected</b> | <b>Date Recv'd</b> |
|-------------------|-------------------------|-------------------|-----------------------|--------------------|
| 1108053-01        | ECL-251-B               |                   | 08/04/11 02:35 PM     | 08/05/11           |
| 1108053-02        | ECL-252-B               |                   | 08/04/11 03:15 PM     | 08/05/11           |
| 1108053-03        | ECL-253-B               |                   | 08/04/11 05:20 PM     | 08/05/11           |

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CLIENT: Weston Solutions, Inc.  
Project: TCEQ Dona Park Residential Removal Action  
Lab Order: 1108053

**PREP DATES REPORT**

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| Sample ID   | Client Sample ID | Collection Date   | Matrix | Test Number | Test Name                      | Prep Date         | Batch ID |
|-------------|------------------|-------------------|--------|-------------|--------------------------------|-------------------|----------|
| 1108053-01A | ECL-251-B        | 08/04/11 02:35 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 08/05/11 10:24 AM | 47606    |
|             | ECL-251-B        | 08/04/11 02:35 PM | Soil   | D2216       | Moisture Preparation           | 08/05/11 03:32 PM | 47616    |
| 1108053-02A | ECL-252-B        | 08/04/11 03:15 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 08/05/11 10:24 AM | 47606    |
|             | ECL-252-B        | 08/04/11 03:15 PM | Soil   | D2216       | Moisture Preparation           | 08/05/11 03:32 PM | 47616    |
| 1108053-03A | ECL-253-B        | 08/04/11 05:20 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 08/05/11 10:24 AM | 47606    |
|             | ECL-253-B        | 08/04/11 05:20 PM | Soil   | D2216       | Moisture Preparation           | 08/05/11 03:32 PM | 47616    |

CLIENT: Weston Solutions, Inc.  
 Project: TCEQ Dona Park Residential Removal Action  
 Lab Order: 1108053

## ANALYTICAL DATES REPORT

| Sample ID   | Client Sample ID | Matrix | Test Number | Test Name                    | Batch ID | Dilution | Analysis Date     | Run ID          |
|-------------|------------------|--------|-------------|------------------------------|----------|----------|-------------------|-----------------|
| 1108053-01A | ECL-251-B        | Soil   | D2216       | Percent Moisture             | 47616    | 1        | 08/08/11 08:40 AM | PMOIST_110805C  |
|             | ECL-251-B        | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 47606    | 5        | 08/05/11 04:38 PM | ICP-MS2_110805C |
| 1108053-02A | ECL-252-B        | Soil   | D2216       | Percent Moisture             | 47616    | 1        | 08/08/11 08:40 AM | PMOIST_110805C  |
|             | ECL-252-B        | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 47606    | 5        | 08/05/11 04:50 PM | ICP-MS2_110805C |
| 1108053-03A | ECL-253-B        | Soil   | D2216       | Percent Moisture             | 47616    | 1        | 08/08/11 08:40 AM | PMOIST_110805C  |
|             | ECL-253-B        | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 47606    | 5        | 08/05/11 04:55 PM | ICP-MS2_110805C |

**CLIENT:** Weston Solutions, Inc.  
**Project:** TCEQ Dona Park Residential Removal Action  
**Project No:** 02444.021.004.0020.01  
**Lab Order:** 1108053

**Client Sample ID:** ECL-251-B  
**Lab ID:** 1108053-01  
**Collection Date:** 08/04/11 02:35 PM  
**Matrix:** Soil

| Analyses                            | Result | SDL            | RL    | Qual | Units     | DF | Date Analyzed       |
|-------------------------------------|--------|----------------|-------|------|-----------|----|---------------------|
| <b>Trace Metals: ICP-MS - Solid</b> |        | <b>SW6020A</b> |       |      |           |    | <b>Analyst: AJR</b> |
| Cadmium                             | 39.3   | 0.0985         | 0.295 |      | mg/Kg-dry | 5  | 08/05/11 04:38 PM   |
| Lead                                | 243    | 0.0985         | 0.295 |      | mg/Kg-dry | 5  | 08/05/11 04:38 PM   |
| <b>Percent Moisture</b>             |        | <b>D2216</b>   |       |      |           |    | <b>Analyst: JCG</b> |
| Percent Moisture                    | 0.418  | 0              | 0     |      | WT%       | 1  | 08/08/11 08:40 AM   |

|                    |   |     |   |
|--------------------|---|-----|---|
| <b>Qualifiers:</b> | See Final Page of Report for MQLs and MDLs          | J   | Analyte detected between SDL and RL                         |
| B                  | Analyte detected in the associated Method Blank     | N   | Parameter not NELAC certified                               |
| C                  | Sample Result or QC discussed in the Case Narrative | ND  | Not Detected at the SDL                                     |
| DF                 | Dilution Factor                                     | RL  | Reporting Limit (MQL adjusted for moisture and sample size) |
| E                  | TPH pattern not Gas or Diesel Range Pattern         | S   | Spike Recovery outside control limits                       |
|                    |   | SDL | Sample Detection Limit                                      |

**CLIENT:** Weston Solutions, Inc.  
**Project:** TCEQ Dona Park Residential Removal Action  
**Project No:** 02444.021.004.0020.01  
**Lab Order:** 1108053

**Client Sample ID:** ECL-252-B  
**Lab ID:** 1108053-02  
**Collection Date:** 08/04/11 03:15 PM  
**Matrix:** Soil

| Analyses                            | Result | SDL            | RL    | Qual | Units     | DF | Date Analyzed       |
|-------------------------------------|--------|----------------|-------|------|-----------|----|---------------------|
| <b>Trace Metals: ICP-MS - Solid</b> |        | <b>SW6020A</b> |       |      |           |    | <b>Analyst: AJR</b> |
| Cadmium                             | 17.8   | 0.106          | 0.318 |      | mg/Kg-dry | 5  | 08/05/11 04:50 PM   |
| Lead                                | 88.7   | 0.106          | 0.318 |      | mg/Kg-dry | 5  | 08/05/11 04:50 PM   |
| <b>Percent Moisture</b>             |        | <b>D2216</b>   |       |      |           |    | <b>Analyst: JCG</b> |
| Percent Moisture                    | 6.68   | 0              | 0     |      | WT%       | 1  | 08/08/11 08:40 AM   |

|                    |   |     |   |
|--------------------|---|-----|---|
| <b>Qualifiers:</b> | See Final Page of Report for MQLs and MDLs          | J   | Analyte detected between SDL and RL                         |
| B                  | Analyte detected in the associated Method Blank     | N   | Parameter not NELAC certified                               |
| C                  | Sample Result or QC discussed in the Case Narrative | ND  | Not Detected at the SDL                                     |
| DF                 | Dilution Factor                                     | RL  | Reporting Limit (MQL adjusted for moisture and sample size) |
| E                  | TPH pattern not Gas or Diesel Range Pattern         | S   | Spike Recovery outside control limits                       |
|                    |   | SDL | Sample Detection Limit                                      |

**CLIENT:** Weston Solutions, Inc.  
**Project:** TCEQ Dona Park Residential Removal Action  
**Project No:** 02444.021.004.0020.01  
**Lab Order:** 1108053

**Client Sample ID:** ECL-253-B  
**Lab ID:** 1108053-03  
**Collection Date:** 08/04/11 05:20 PM  
**Matrix:** Soil

| Analyses                            | Result | SDL            | RL    | Qual | Units     | DF | Date Analyzed       |
|-------------------------------------|--------|----------------|-------|------|-----------|----|---------------------|
| <b>Trace Metals: ICP-MS - Solid</b> |        | <b>SW6020A</b> |       |      |           |    | <b>Analyst: AJR</b> |
| Cadmium                             | 7.60   | 0.100          | 0.300 |      | mg/Kg-dry | 5  | 08/05/11 04:55 PM   |
| Lead                                | 41.0   | 0.100          | 0.300 |      | mg/Kg-dry | 5  | 08/05/11 04:55 PM   |
| <b>Percent Moisture</b>             |        | <b>D2216</b>   |       |      |           |    | <b>Analyst: JCG</b> |
| Percent Moisture                    | 8.40   | 0              | 0     |      | WT%       | 1  | 08/08/11 08:40 AM   |

|                    |   |     |   |
|--------------------|---|-----|---|
| <b>Qualifiers:</b> | See Final Page of Report for MQLs and MDLs          | J   | Analyte detected between SDL and RL                         |
| B                  | Analyte detected in the associated Method Blank     | N   | Parameter not NELAC certified                               |
| C                  | Sample Result or QC discussed in the Case Narrative | ND  | Not Detected at the SDL                                     |
| DF                 | Dilution Factor                                     | RL  | Reporting Limit (MQL adjusted for moisture and sample size) |
| E                  | TPH pattern not Gas or Diesel Range Pattern         | S   | Spike Recovery outside control limits                       |
|                    |   | SDL | Sample Detection Limit                                      |

**CLIENT:** Weston Solutions, Inc.  
**Work Order:** 1108053  
**Project:** TCEQ Dona Park Residential Removal Action

**ANALYTICAL QC SUMMARY REPORT**

**RunID:** ICP-MS2\_110805C

|                            |                                |   |                            |
|----------------------------|--------------------------------|---|----------------------------|
| <b>Sample ID:</b> MB-47606 | <b>Batch ID:</b> 47606         | <b>TestNo:</b> SW6020A                  | <b>Units:</b> mg/Kg        |
| <b>SampType:</b> MBLK      | <b>Run ID:</b> ICP-MS2_110805C | <b>Analysis Date:</b> 08/05/11 04:07 PM | <b>Prep Date:</b> 08/05/11 |
| <b>Analyte</b>             | <b>Result</b>                  | <b>RL</b>                               | <b>SPK value</b>           |
| Cadmium                    | <0.100                         | 0.300                                   |                            |
| Lead                       | <0.100                         | 0.300                                   |                            |

|                             |                                |   |                            |
|-----------------------------|--------------------------------|---|----------------------------|
| <b>Sample ID:</b> LCS-47606 | <b>Batch ID:</b> 47606         | <b>TestNo:</b> SW6020A                  | <b>Units:</b> mg/Kg        |
| <b>SampType:</b> LCS        | <b>Run ID:</b> ICP-MS2_110805C | <b>Analysis Date:</b> 08/05/11 04:13 PM | <b>Prep Date:</b> 08/05/11 |
| <b>Analyte</b>              | <b>Result</b>                  | <b>RL</b>                               | <b>SPK value</b>           |
| Cadmium                     | 46.8                           | 0.300                                   | 50.00                      |
| Lead                        | 48.5                           | 0.300                                   | 50.00                      |

|                              |                                |   |                            |
|------------------------------|--------------------------------|---|----------------------------|
| <b>Sample ID:</b> LCSD-47606 | <b>Batch ID:</b> 47606         | <b>TestNo:</b> SW6020A                  | <b>Units:</b> mg/Kg        |
| <b>SampType:</b> LCSD        | <b>Run ID:</b> ICP-MS2_110805C | <b>Analysis Date:</b> 08/05/11 04:19 PM | <b>Prep Date:</b> 08/05/11 |
| <b>Analyte</b>               | <b>Result</b>                  | <b>RL</b>                               | <b>SPK value</b>           |
| Cadmium                      | 47.1                           | 0.300                                   | 50.00                      |
| Lead                         | 49.4                           | 0.300                                   | 50.00                      |

|                                  |                                |   |                            |
|----------------------------------|--------------------------------|---|----------------------------|
| <b>Sample ID:</b> 1108053-01A SD | <b>Batch ID:</b> 47606         | <b>TestNo:</b> SW6020A                  | <b>Units:</b> mg/Kg-dry    |
| <b>SampType:</b> SD              | <b>Run ID:</b> ICP-MS2_110805C | <b>Analysis Date:</b> 08/05/11 04:44 PM | <b>Prep Date:</b> 08/05/11 |
| <b>Analyte</b>                   | <b>Result</b>                  | <b>RL</b>                               | <b>SPK value</b>           |
| Cadmium                          | 40.0                           | 1.48                                    | 0                          |
| Lead                             | 282                            | 1.48                                    | 0                          |

|                                   |                                |   |                            |
|-----------------------------------|--------------------------------|---|----------------------------|
| <b>Sample ID:</b> 1108053-01A PDS | <b>Batch ID:</b> 47606         | <b>TestNo:</b> SW6020A                  | <b>Units:</b> mg/Kg-dry    |
| <b>SampType:</b> PDS              | <b>Run ID:</b> ICP-MS2_110805C | <b>Analysis Date:</b> 08/05/11 05:01 PM | <b>Prep Date:</b> 08/05/11 |
| <b>Analyte</b>                    | <b>Result</b>                  | <b>RL</b>                               | <b>SPK value</b>           |
| Cadmium                           | 85.7                           | 0.295                                   | 49.23                      |
| Lead                              | 289                            | 0.295                                   | 49.23                      |

|                                  |                                |   |                            |
|----------------------------------|--------------------------------|---|----------------------------|
| <b>Sample ID:</b> 1108053-01A MS | <b>Batch ID:</b> 47606         | <b>TestNo:</b> SW6020A                  | <b>Units:</b> mg/Kg-dry    |
| <b>SampType:</b> MS              | <b>Run ID:</b> ICP-MS2_110805C | <b>Analysis Date:</b> 08/05/11 05:07 PM | <b>Prep Date:</b> 08/05/11 |
| <b>Analyte</b>                   | <b>Result</b>                  | <b>RL</b>                               | <b>SPK value</b>           |
| Cadmium                          | 85.2                           | 0.295                                   | 49.23                      |
| Lead                             | 303                            | 0.295                                   | 49.23                      |

|                                   |                                |   |                            |
|-----------------------------------|--------------------------------|---|----------------------------|
| <b>Sample ID:</b> 1108053-01A MSD | <b>Batch ID:</b> 47606         | <b>TestNo:</b> SW6020A                  | <b>Units:</b> mg/Kg-dry    |
| <b>SampType:</b> MSD              | <b>Run ID:</b> ICP-MS2_110805C | <b>Analysis Date:</b> 08/05/11 05:13 PM | <b>Prep Date:</b> 08/05/11 |
| <b>Analyte</b>                    | <b>Result</b>                  | <b>RL</b>                               | <b>SPK value</b>           |
| Cadmium                           | 86.6                           | 0.298                                   | 49.71                      |
| Lead                              | 296                            | 0.298                                   | 49.71                      |

|                    |     |   |    |                                       |
|--------------------|-----|---|----|---------------------------------------|
| <b>Qualifiers:</b> | B   | Analyte detected in the associated Method Blank | R  | RPD outside accepted control limits   |
|                    | DF  | Dilution Factor                                 | RL | Reporting Limit                       |
|                    | J   | Analyte detected between MDL and RL             | S  | Spike Recovery outside control limits |
|                    | MDL | Method Detection Limit                          | J  | Analyte detected between SDL and RL   |
|                    | ND  | Not Detected at the Method Detection Limit      | N  | Parameter not NELAC certified         |

**CLIENT:** Weston Solutions, Inc.  
**Work Order:** 1108053  
**Project:** TCEQ Dona Park Residential Removal Action

**ANALYTICAL QC SUMMARY REPORT**

**RunID:** ICP-MS2\_110805C

| Sample ID:        | ICV1-110805         | Batch ID:        | R56227                 | TestNo:               | SW6020A                  | Units:            | mg/L             |             |                  |             |  |
|-------------------|---------------------|------------------|------------------------|-----------------------|--------------------------|-------------------|------------------|-------------|------------------|-------------|--|
| SampType:         | ICV                 | Run ID:          | ICP-MS2_110805C        | Analysis Date:        | 08/05/11 01:12 PM        | Prep Date:        |                  |             |                  |             |  |
| Analyte           | Result              | RL               | SPK value              | Ref Val               | %REC                     | LowLimit          | HighLimit        | %RPD        | RPD Limit        | Qual        |  |
| Cadmium           | 0.0970              | 0.00100          | 0.100                  | 0                     | 97.0                     | 90                | 110              |             |                  |             |  |
| Lead              | 0.0992              | 0.00100          | 0.100                  | 0                     | 99.2                     | 90                | 110              |             |                  |             |  |
| <b>Sample ID:</b> | <b>LCVL-110805</b>  | <b>Batch ID:</b> | <b>R56227</b>          | <b>TestNo:</b>        | <b>SW6020A</b>           | <b>Units:</b>     | <b>mg/L</b>      |             |                  |             |  |
| <b>SampType:</b>  | <b>LCVL</b>         | <b>Run ID:</b>   | <b>ICP-MS2_110805C</b> | <b>Analysis Date:</b> | <b>08/05/11 01:34 PM</b> | <b>Prep Date:</b> |                  |             |                  |             |  |
| <b>Analyte</b>    | <b>Result</b>       | <b>RL</b>        | <b>SPK value</b>       | <b>Ref Val</b>        | <b>%REC</b>              | <b>LowLimit</b>   | <b>HighLimit</b> | <b>%RPD</b> | <b>RPD Limit</b> | <b>Qual</b> |  |
| Cadmium           | 0.00107             | 0.00100          | 0.00100                | 0                     | 107                      | 70                | 130              |             |                  |             |  |
| Lead              | 0.00108             | 0.00100          | 0.00100                | 0                     | 108                      | 70                | 130              |             |                  |             |  |
| <b>Sample ID:</b> | <b>CCV1-110805</b>  | <b>Batch ID:</b> | <b>R56227</b>          | <b>TestNo:</b>        | <b>SW6020A</b>           | <b>Units:</b>     | <b>mg/L</b>      |             |                  |             |  |
| <b>SampType:</b>  | <b>CCV</b>          | <b>Run ID:</b>   | <b>ICP-MS2_110805C</b> | <b>Analysis Date:</b> | <b>08/05/11 03:15 PM</b> | <b>Prep Date:</b> |                  |             |                  |             |  |
| <b>Analyte</b>    | <b>Result</b>       | <b>RL</b>        | <b>SPK value</b>       | <b>Ref Val</b>        | <b>%REC</b>              | <b>LowLimit</b>   | <b>HighLimit</b> | <b>%RPD</b> | <b>RPD Limit</b> | <b>Qual</b> |  |
| Cadmium           | 0.192               | 0.00100          | 0.200                  | 0                     | 96.0                     | 90                | 110              |             |                  |             |  |
| Lead              | 0.201               | 0.00100          | 0.200                  | 0                     | 101                      | 90                | 110              |             |                  |             |  |
| <b>Sample ID:</b> | <b>LCVL-110805</b>  | <b>Batch ID:</b> | <b>R56227</b>          | <b>TestNo:</b>        | <b>SW6020A</b>           | <b>Units:</b>     | <b>mg/L</b>      |             |                  |             |  |
| <b>SampType:</b>  | <b>LCVL</b>         | <b>Run ID:</b>   | <b>ICP-MS2_110805C</b> | <b>Analysis Date:</b> | <b>08/05/11 03:38 PM</b> | <b>Prep Date:</b> |                  |             |                  |             |  |
| <b>Analyte</b>    | <b>Result</b>       | <b>RL</b>        | <b>SPK value</b>       | <b>Ref Val</b>        | <b>%REC</b>              | <b>LowLimit</b>   | <b>HighLimit</b> | <b>%RPD</b> | <b>RPD Limit</b> | <b>Qual</b> |  |
| Cadmium           | 0.00106             | 0.00100          | 0.00100                | 0                     | 106                      | 70                | 130              |             |                  |             |  |
| Lead              | 0.00106             | 0.00100          | 0.00100                | 0                     | 106                      | 70                | 130              |             |                  |             |  |
| <b>Sample ID:</b> | <b>CCV2-110805</b>  | <b>Batch ID:</b> | <b>R56227</b>          | <b>TestNo:</b>        | <b>SW6020A</b>           | <b>Units:</b>     | <b>mg/L</b>      |             |                  |             |  |
| <b>SampType:</b>  | <b>CCV</b>          | <b>Run ID:</b>   | <b>ICP-MS2_110805C</b> | <b>Analysis Date:</b> | <b>08/05/11 05:19 PM</b> | <b>Prep Date:</b> |                  |             |                  |             |  |
| <b>Analyte</b>    | <b>Result</b>       | <b>RL</b>        | <b>SPK value</b>       | <b>Ref Val</b>        | <b>%REC</b>              | <b>LowLimit</b>   | <b>HighLimit</b> | <b>%RPD</b> | <b>RPD Limit</b> | <b>Qual</b> |  |
| Cadmium           | 0.187               | 0.00100          | 0.200                  | 0                     | 93.6                     | 90                | 110              |             |                  |             |  |
| Lead              | 0.194               | 0.00100          | 0.200                  | 0                     | 96.9                     | 90                | 110              |             |                  |             |  |
| <b>Sample ID:</b> | <b>LCVL2-110805</b> | <b>Batch ID:</b> | <b>R56227</b>          | <b>TestNo:</b>        | <b>SW6020A</b>           | <b>Units:</b>     | <b>mg/L</b>      |             |                  |             |  |
| <b>SampType:</b>  | <b>LCVL</b>         | <b>Run ID:</b>   | <b>ICP-MS2_110805C</b> | <b>Analysis Date:</b> | <b>08/05/11 05:31 PM</b> | <b>Prep Date:</b> |                  |             |                  |             |  |
| <b>Analyte</b>    | <b>Result</b>       | <b>RL</b>        | <b>SPK value</b>       | <b>Ref Val</b>        | <b>%REC</b>              | <b>LowLimit</b>   | <b>HighLimit</b> | <b>%RPD</b> | <b>RPD Limit</b> | <b>Qual</b> |  |
| Lead              | 0.00525             | 0.00100          | 0.00500                | 0                     | 105                      | 70                | 130              |             |                  |             |  |
| <b>Sample ID:</b> | <b>LCVL2-110805</b> | <b>Batch ID:</b> | <b>R56227</b>          | <b>TestNo:</b>        | <b>SW6020A</b>           | <b>Units:</b>     | <b>mg/L</b>      |             |                  |             |  |
| <b>SampType:</b>  | <b>LCVL</b>         | <b>Run ID:</b>   | <b>ICP-MS2_110805C</b> | <b>Analysis Date:</b> | <b>08/05/11 05:42 PM</b> | <b>Prep Date:</b> |                  |             |                  |             |  |
| <b>Analyte</b>    | <b>Result</b>       | <b>RL</b>        | <b>SPK value</b>       | <b>Ref Val</b>        | <b>%REC</b>              | <b>LowLimit</b>   | <b>HighLimit</b> | <b>%RPD</b> | <b>RPD Limit</b> | <b>Qual</b> |  |
| Cadmium           | 0.00113             | 0.00100          | 0.00100                | 0                     | 113                      | 70                | 130              |             |                  |             |  |

|                    |     |   |    |                                       |
|--------------------|-----|---|----|---------------------------------------|
| <b>Qualifiers:</b> | B   | Analyte detected in the associated Method Blank | R  | RPD outside accepted control limits   |
|                    | DF  | Dilution Factor                                 | RL | Reporting Limit                       |
|                    | J   | Analyte detected between MDL and RL             | S  | Spike Recovery outside control limits |
|                    | MDL | Method Detection Limit                          | J  | Analyte detected between SDL and RL   |
|                    | ND  | Not Detected at the Method Detection Limit      | N  | Parameter not NELAC certified         |

**CLIENT:** Weston Solutions, Inc.  
**Work Order:** 1108053  
**Project:** TCEQ Dona Park Residential Removal Action

**ANALYTICAL QC SUMMARY REPORT**

**RunID:** PMOIST\_110805C

| Sample ID:       | 1108024-03CDUP | Batch ID: | 47616          | TestNo:        | D2216             | Units:     | WT%       |      |           |      |
|------------------|----------------|-----------|----------------|----------------|-------------------|------------|-----------|------|-----------|------|
| SampType:        | DUP            | Run ID:   | PMOIST_110805C | Analysis Date: | 08/08/11 08:40 AM | Prep Date: | 08/05/11  |      |           |      |
| Analyte          | Result         | RL        | SPK value      | Ref Val        | %REC              | LowLimit   | HighLimit | %RPD | RPD Limit | Qual |
| Percent Moisture | 11.1           | 0         | 0              | 8.171          |                   |            |           | 30.5 | 30        |      |

| Qualifiers: | B   | Analyte detected in the associated Method Blank | R  | RPD outside accepted control limits   |
|-------------|-----|---|----|---------------------------------------|
|             | DF  | Dilution Factor                                 | RL | Reporting Limit                       |
|             | J   | Analyte detected between MDL and RL             | S  | Spike Recovery outside control limits |
|             | MDL | Method Detection Limit                          | J  | Analyte detected between SDL and RL   |
|             | ND  | Not Detected at the Method Detection Limit      | N  | Parameter not NELAC certified         |

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**CLIENT:** Weston Solutions, Inc.  
**Work Order:** 1108053  
**Project:** TCEQ Dona Park Residential Removal Action

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**MQL SUMMARY REPORT**

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| <b>TestNo: SW6020A</b> | <b>MDL</b>   | <b>MQL</b>   |
|------------------------|--------------|--------------|
| <b>Analyte</b>         | <b>mg/Kg</b> | <b>mg/Kg</b> |
| Cadmium                | 0.100        | 0.300        |
| Lead                   | 0.100        | 0.300        |

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**Qualifiers:**

MQL - Method Quantitation Limit as defined by TRRP  
MDL - Method Detection Limit as defined by TRRP

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**APPENDIX D**

**AIR MONITORING DATA**

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### Appendix D Air Monitoring Data

Dona Park Residential Removal Site  
Corpus Christi, Nueces County, Texas

| Hour                 | Unit Name                               | 8/1/2011    | 8/2/2011    | 8/3/2011    | 8/4/2011    | 8/5/2011    | 8/8/2011     | 8/11/2011    | 8/15/2011    |
|----------------------|---|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|
| 8                    | Hourly Average(MASS )ug/m <sup>3</sup>  |             |             | 7.48        |             |             |              |              | 16.24        |
| 9                    | Hourly Average(MASS )ug/m <sup>4</sup>  |             | 3.94        | 5.56        |             | 17.93       | 58.67        | 81.04        | 13.92        |
| 10                   | Hourly Average(MASS )ug/m <sup>5</sup>  |             | 4.69        | 6.65        |             | 7.71        | 18.75        |              |              |
| 11                   | Hourly Average(MASS )ug/m <sup>6</sup>  |             | 4.46        | 6.07        | 11.93       | 4.34        | 18.87        |              |              |
| 12                   | Hourly Average(MASS )ug/m <sup>7</sup>  |             | 2.70        | 7.31        | 6.97        | 4.57        | 12.21        |              |              |
| 13                   | Hourly Average(MASS )ug/m <sup>8</sup>  |             | 6.29        | 11.24       | 6.74        | 4.09        | 10.18        |              |              |
| 14                   | Hourly Average(MASS )ug/m <sup>9</sup>  |             | 5.92        | 11.67       | 7.99        | 11.28       | 10.64        |              |              |
| 15                   | Hourly Average(MASS )ug/m <sup>10</sup> |             | 3.31        | 9.32        | 12.52       | 8.02        |              |              |              |
| 16                   | Hourly Average(MASS )ug/m <sup>11</sup> |             | 3.56        | 8.17        | 11.31       | 4.72        |              |              |              |
| 17                   | Hourly Average(MASS )ug/m <sup>12</sup> |             | 3.59        |             | 7.21        | 4.61        |              |              |              |
| 18                   | Hourly Average(MASS )ug/m <sup>13</sup> | 4.97        |             |             | 4.54        |             |              |              |              |
| <b>Daily Average</b> | <b>(MASS )ug/m<sup>4</sup></b>          | <b>4.97</b> | <b>4.27</b> | <b>8.16</b> | <b>8.65</b> | <b>7.47</b> | <b>21.55</b> | <b>81.04</b> | <b>15.08</b> |



August 11, 2011

Dawn Denham  
Weston Solutions, Inc.  
5599 San Felipe, Suite 700  
Houston, Texas 77056

Order No: 1108001

TEL: (713) 985-6610  
FAX: (713) 985-6703

RE: TCEQ Dona Park Residential Removal Action

Dear Dawn Denham:

DHL Analytical received 2 sample(s) on 7/30/2011 for the analyses presented in the following report.

There were no problems with the analyses and all data met requirements of NELAC except where noted in the Case Narrative. All non-NELAC methods will be identified accordingly in the case narrative and all estimated uncertainties of test results are within method or EPA specifications.

If you have any questions regarding these tests results, please feel free to call. Thank you for using DHL Analytical.

Sincerely,

A handwritten signature in black ink that reads "John DuPont".

John DuPont  
General Manager

This report was performed under the accreditation of the State of Texas Laboratory Certification Number: T104704211-11-7



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Analytical Dates Report ..... 14

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Analytical QC Summary Report ..... 17

MQL Summary Report ..... 20



**FedEx** NEW Package  
Express US Airbill

Account Number

8758 5311 8629

1 From  
Date 7-27-11

Sender's Name  
BRENDAN HUGHES

Company  
WESTON SOLUTIONS

Address  
5447 BEAR LAKE

City STATE ZIP  
CARPIS CHRIST TX 78405

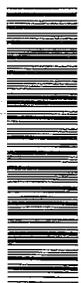
2 Your Internal Billing Reference

3 To Recipient's Name  
JENNIFER BARKER

Company  
DHL ANALYTICAL

Address  
1005 HOWELL TERRACE P2

City STATE ZIP  
ROUND ROCK TX 78664



8758 5311 8629



fedex.com 1.800.GoFedEx 1.800.483.3339

Recipients Copy

4 Express Package Services

Next Business Day  
FedEx 2Day AM

5 Packaging

6 Special Handling and Delivery Signature Options

7 Payment Bill to:

Total Packages

Total Declared Value

612



# Laboratory Data Package Signature Page – RG-366/TRRP-13

This data package consists of:

This signature page, the laboratory review checklist, and the following reportable data:

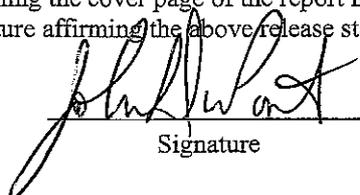
- R1 Field chain-of-custody documentation;
- R2 Sample identification cross-reference;
- R3 Test reports (analytical data sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5,
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - 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 (DCS results can be found with the Miscellaneous Documents) for each analyte for each method and matrix;
- R10 Other problems or anomalies.

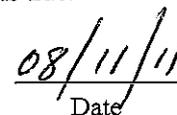
The Exception Report for every "No" or "Not Reviewed (NR)" item in Laboratory Review checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

**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 that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information or data affecting the quality of the data has been knowingly withheld.

This laboratory was last inspected by TCEQ on May 17-20, 2011. Any findings affecting the data in this laboratory data package are noted in the Exception Reports herein. The official signing the cover page of the report in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

John DuPont – General Manager  
Scott Schroeder – Technical Director

  
Signature

  
Date

DHL Analytical, Inc.

Laboratory Review Checklist: Reportable Data

| Project Name: TCEQ Dona Park Residential Removal Action |                | Date: 8/11/11   |     |    |                 |                 |                  |
|---|----------------|---|-----|----|-----------------|-----------------|------------------|
| Reviewer Name: Carlos Castro                            |                | Laboratory Work Order: 1108001  |     |    |                 |                 |                  |
| Prep Batch Number(s): See Prep Dates Report             |                | Run Batch: See Analytical Dates Report  |     |    |                 |                 |                  |
| # <sup>1</sup>  | A <sup>2</sup> | Description   | Yes | No | NA <sup>3</sup> | NR <sup>4</sup> | ER# <sup>5</sup> |
| R1  | OI             | <b>Chain-of-Custody (C-O-C)</b>   |     |    |                 |                 |                  |
|   |                | 1) Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?  | X   |    |                 |                 | R1-01            |
|   |                | 2) Were all departures from standard conditions described in an exception report?   |     |    | X               |                 |                  |
| R2  | OI             | <b>Sample and Quality Control (QC) Identification</b>   |     |    |                 |                 |                  |
|   |                | 1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?   | X   |    |                 |                 |                  |
|   |                | 2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?   | X   |    |                 |                 |                  |
| R3  | OI             | <b>Test Reports</b>   |     |    |                 |                 |                  |
|   |                | 1) Were all samples prepared and analyzed within holding times?   | X   |    |                 |                 |                  |
|   |                | 2) Other than those results < MQL, were all other raw values bracketed by calibration standards?  | X   |    |                 |                 |                  |
|   |                | 3) Were calculations checked by a peer or supervisor?   | X   |    |                 |                 |                  |
|   |                | 4) Were all analyte identifications checked by a peer or supervisor?  | X   |    |                 |                 |                  |
|   |                | 5) Were sample detection limits reported for all analytes not detected?   | X   |    |                 |                 |                  |
|   |                | 6) Were all results for soil and sediment samples reported on a dry weight basis?   | X   |    |                 |                 |                  |
|   |                | 7) Were % moisture (or solids) reported for all soil and sediment samples?  | X   |    |                 |                 |                  |
|   |                | 8) Were bulk soils/solids samples for volatile analysis extracted with methanol per EPA Method 5035?  |     |    |                 | X               |                  |
|   |                | 9) If required for the project, TICs reported?  |     |    | X               |                 |                  |
| R4  | O              | <b>Surrogate Recovery Data</b>  |     |    |                 |                 |                  |
|   |                | 1) Were surrogates added prior to extraction?   |     |    | X               |                 |                  |
|   |                | 2) Were surrogate percent recoveries in all samples within the laboratory QC limits?  |     |    | X               |                 |                  |
| R5  | OI             | <b>Test Reports/Summary Forms for Blank Samples</b>   |     |    |                 |                 |                  |
|   |                | 1) Were appropriate type(s) of blanks analyzed?   | X   |    |                 |                 |                  |
|   |                | 2) Were blanks analyzed at the appropriate frequency?   | X   |    |                 |                 |                  |
|   |                | 3) Where method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?   | X   |    |                 |                 |                  |
|   |                | 4) Were blank concentrations < MQL?   |     |    | X               |                 | R5-04            |
| R6  | OI             | <b>Laboratory Control Samples (LCS):</b>  |     |    |                 |                 |                  |
|   |                | 1) Were all COCs included in the LCS?   | X   |    |                 |                 |                  |
|   |                | 2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?  | X   |    |                 |                 |                  |
|   |                | 3) Were LCSs analyzed at the required frequency?  | X   |    |                 |                 |                  |
|   |                | 4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?  | X   |    |                 |                 |                  |
|   |                | 5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?   | X   |    |                 |                 |                  |
|   |                | 6) Was the LCSD RPD within QC limits (if applicable)?   | X   |    |                 |                 |                  |
| R7  | OI             | <b>Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Data</b>  |     |    |                 |                 |                  |
|   |                | 1) Were the project/method specified analytes included in the MS and MSD?   | X   |    |                 |                 |                  |
|   |                | 2) Were MS/MSD analyzed at the appropriate frequency?   | X   |    |                 |                 |                  |
|   |                | 3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?  | X   |    |                 |                 |                  |
|   |                | 4) Were MS/MSD RPDs within laboratory QC limits?  | X   |    |                 |                 |                  |
| R8  | OI             | <b>Analytical Duplicate Data</b>  |     |    |                 |                 |                  |
|   |                | 1) Were appropriate analytical duplicates analyzed for each matrix?   | X   |    |                 |                 |                  |
|   |                | 2) Were analytical duplicates analyzed at the appropriate frequency?  | X   |    |                 |                 |                  |
|   |                | 3) Were RPDs or relative standard deviations within the laboratory QC limits?   | X   |    |                 |                 |                  |
| R9  | OI             | <b>Method Quantitation Limits (MQLs):</b>   |     |    |                 |                 |                  |
|   |                | 1) Are the MQLs for each method analyte included in the laboratory data package?  | X   |    |                 |                 |                  |
|   |                | 2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?   | X   |    |                 |                 |                  |
|   |                | 3) Are unadjusted MQLs and DCSs included in the laboratory data package?  | X   |    |                 |                 |                  |
| R10   | OI             | <b>Other Problems/Anomalies</b>   |     |    |                 |                 |                  |
|   |                | 1) Are all known problems/anomalies/special conditions noted in this LRC and ER?  | X   |    |                 |                 |                  |
|   |                | 2) Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?   | X   |    |                 |                 |                  |
|   |                | 3) 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" should be included in the laboratory data package submitted to the TCEQ 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).

**DHL Analytical, Inc.**

**Laboratory Review Checklist (continued): Supporting Data**

| Project Name: TCEQ Dona Park Residential Removal Action |                | Date: 8/11/11   |     |    |                 |                 |                  |
|---|----------------|---|-----|----|-----------------|-----------------|------------------|
| Reviewer Name: Carlos Castro                            |                | Laboratory Work Order: 1108001  |     |    |                 |                 |                  |
| # <sup>1</sup>  | A <sup>2</sup> | Description   | Yes | No | NA <sup>3</sup> | NR <sup>4</sup> | ER# <sup>5</sup> |
| S1  | OI             | <b>Initial Calibration (ICAL)</b>   |     |    |                 |                 |                  |
|   |                | 1) Were response factors and/or relative response factors for each analyte within QC limits?                  | X   |    |                 |                 |                  |
|   |                | 2) Were percent RSDs or correlation coefficient criteria met?   | X   |    |                 |                 |                  |
|   |                | 3) Was the number of standards recommended in the method used for all analytes?                               | X   |    |                 |                 |                  |
|   |                | 4) Were all points generated between the lowest and highest standard used to calculate the curve?             | X   |    |                 |                 |                  |
|   |                | 5) Are ICAL data available for all instruments used?  | X   |    |                 |                 |                  |
|   |                | 6) Has the initial calibration curve been verified using an appropriate second source standard?               | X   |    |                 |                 |                  |
| S2  | OI             | <b>Initial and Continuing Calibration Verification (ICCV and CCV) and Continuing Calibration blank (CCB):</b> |     |    |                 |                 |                  |
|   |                | 1) Was the CCV analyzed at the method-required frequency?   | X   |    |                 |                 |                  |
|   |                | 2) Were percent differences for each analyte within the method-required QC limits?                            | X   |    |                 |                 |                  |
|   |                | 3) Was the ICAL curve verified for each analyte?  | X   |    |                 |                 |                  |
|   |                | 4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?                            | X   |    |                 |                 |                  |
| S3  | O              | <b>Mass Spectral Tuning:</b>  |     |    |                 |                 |                  |
|   |                | 1) Was the appropriate compound for the method used for tuning?   | X   |    |                 |                 |                  |
|   |                | 2) Were ion abundance data within the method-required QC limits?  | X   |    |                 |                 |                  |
| S4  | O              | <b>Internal Standards (IS):</b>   |     |    |                 |                 |                  |
|   |                | 1) Were IS area counts and retention times within the method-required QC limits?                              | X   |    |                 |                 |                  |
| S5  | OI             | <b>Raw Data (NELAC Section 5.5.10)</b>  |     |    |                 |                 |                  |
|   |                | 1) Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?                      | X   |    |                 |                 |                  |
|   |                | 2) Were data associated with manual integrations flagged on the raw data?                                     | X   |    |                 |                 |                  |
| S6  | O              | <b>Dual Column Confirmation</b>   |     |    |                 |                 |                  |
|   |                | 1) Did dual column confirmation results meet the method-required QC?  |     |    | X               |                 |                  |
| S7  | O              | <b>Tentatively Identified Compounds (TICs):</b>   |     |    |                 |                 |                  |
|   |                | 1) If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?                  |     |    | X               |                 |                  |
| S8  | I              | <b>Interference Check Sample (ICS) Results:</b>   |     |    |                 |                 |                  |
|   |                | 1) Were percent recoveries within method QC limits?   | X   |    |                 |                 |                  |
| S9  | I              | <b>Serial Dilutions, Post Digestion Spikes, and Method of Standard Additions</b>                              |     |    |                 |                 |                  |
|   |                | 1) Were percent differences, recoveries, and the linearity within the QC limits specified in the method?      | X   |    |                 |                 |                  |
| S10   | OI             | <b>Method Detection Limit (MDL) Studies</b>   |     |    |                 |                 |                  |
|   |                | 1) Was a MDL study performed for each reported analyte?   | X   |    |                 |                 |                  |
|   |                | 2) Is the MDL either adjusted or supported by the analysis of DCSs?   | X   |    |                 |                 |                  |
| S11   | OI             | <b>Proficiency Test Reports:</b>  |     |    |                 |                 |                  |
|   |                | 1) Was the lab's performance acceptable on the applicable proficiency tests or evaluation studies?            | X   |    |                 |                 |                  |
| S12   | OI             | <b>Standards Documentation</b>  |     |    |                 |                 |                  |
|   |                | 1) Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?          | X   |    |                 |                 |                  |
| S13   | OI             | <b>Compound/Analyte Identification Procedures</b>   |     |    |                 |                 |                  |
|   |                | 1) Are the procedures for compound/analyte identification documented?   | X   |    |                 |                 |                  |
| S14   | OI             | <b>Demonstration of Analyst Competency (DOC)</b>  |     |    |                 |                 |                  |
|   |                | 1) Was DOC conducted consistent with NELAC Chapter 5 – Appendix C?  | X   |    |                 |                 |                  |
|   |                | 2) Is documentation of the analyst's competency up-to-date and on file?                                       | X   |    |                 |                 |                  |
| S15   | OI             | <b>Verification/Validation Documentation for Methods (NELAC Chapter 5)</b>                                    |     |    |                 |                 |                  |
|   |                | 1) Are all the methods used to generate the data documented, verified, and validated, where applicable?       | X   |    |                 |                 |                  |
| S16   | OI             | <b>Laboratory Standard Operating Procedures (SOPs):</b>   |     |    |                 |                 |                  |
|   |                | 1) Are laboratory SOPs current and on file for each method performed?   | X   |    |                 |                 |                  |

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ 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).

# DCS REPORTING

RunID: ICP-MS3\_110415A  
SampID: DCS-45839-1  
TestNo: SW6020  
BatchID: 45839

Prep Date: 4/12/2011  
Analysis Date: 4/15/2011  
Units: mg/Kg

| Analyte | Result | RL  | SPK Val | %REC | Low Limit | High Limit | Flag |
|---------|--------|-----|---------|------|-----------|------------|------|
| Lead    | 0.180  | 0.3 | 0.15    | 120  | 60        | 140        |      |

# DCS REPORTING

RunID: ICP-MS3\_110412A  
SampID: DCS-45839-1  
TestNo: SW6020  
BatchID: 45839

Prep Date: 4/12/2011  
Analysis Date: 4/12/2011  
Units: mg/Kg

| Analyte   | Result | RL  | SPK Val | %REC | Low Limit | High Limit | Flag |
|-----------|--------|-----|---------|------|-----------|------------|------|
| Beryllium | 0.176  | 0.3 | 0.15    | 118  | 60        | 140        |      |
| Cadmium   | 0.168  | 0.3 | 0.15    | 112  | 60        | 140        |      |
| Selenium  | 0.111  | 0.5 | 0.15    | 74.2 | 60        | 140        |      |
| Silver    | 0.165  | 0.2 | 0.15    | 110  | 60        | 140        |      |

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CLIENT: Weston Solutions, Inc.  
Project: TCEQ Dona Park Residential Removal Action  
Lab Order: 1108001

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**CASE NARRATIVE**

The samples were analyzed using the methods outlined in the following references:

- Method SW6020A - Metals Analysis
- Method D2216 - Percent Moisture

Exception Report R1-01

The samples were received and log in performed on 7/30/11. A total of 2 samples were received. The samples arrived in good condition and were properly packaged.

Exception Report R5-04

For Metals analysis performed on 8/9/11 Lead was detected below the reporting limit in the method blank. All samples were detected greater than 10 times the amount in the blank. No further corrective actions were taken.

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CLIENT: Weston Solutions, Inc.  
Project: TCEQ Dona Park Residential Removal Action  
Lab Order: 1108001

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**Work Order Sample Summary**

| Lab Smp ID | Client Sample ID | Tag Number | Date Collected    | Date Recv'd |
|------------|------------------|------------|-------------------|-------------|
| 1108001-01 | ECL-250-B        |            | 07/29/11 04:40 PM | 07/30/11    |
| 1108001-02 | ECL-900-B        |            | 07/29/11 04:45 PM | 07/30/11    |

CLIENT: Weston Solutions, Inc.  
 Project: TCEQ Dona Park Residential Removal Action  
 Lab Order: 1108001

**PREP DATES REPORT**

| Sample ID   | Client Sample ID | Collection Date   | Matrix | Test Number | Test Name                      | Prep Date         | Batch ID |
|-------------|------------------|-------------------|--------|-------------|--------------------------------|-------------------|----------|
| 1108001-01A | ECL-250-B        | 07/29/11 04:40 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 08/01/11 09:00 AM | 47462    |
|             | ECL-250-B        | 07/29/11 04:40 PM | Soil   | D2216       | Moisture Preparation           | 08/04/11 04:00 PM | 47590    |
| 1108001-02A | ECL-900-B        | 07/29/11 04:45 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 08/01/11 09:00 AM | 47462    |
|             | ECL-900-B        | 07/29/11 04:45 PM | Soil   | D2216       | Moisture Preparation           | 08/04/11 04:00 PM | 47590    |

CLIENT: Weston Solutions, Inc.  
 Project: TCEQ Dona Park Residential Removal Action  
 Lab Order: 1108001

**ANALYTICAL DATES REPORT**

| Sample ID   | Client Sample ID | Matrix | Test Number | Test Name                    | Batch ID | Dilution | Analysis Date     | Run ID          |
|-------------|------------------|--------|-------------|------------------------------|----------|----------|-------------------|-----------------|
| 1108001-01A | ECL-250-B        | Soil   | D2216       | Percent Moisture             | 47590    | 1        | 08/05/11 08:40 AM | PMOIST_110804A  |
|             | ECL-250-B        | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 47462    | 5        | 08/10/11 01:39 AM | ICP-MS3_110809A |
| 1108001-02A | ECL-900-B        | Soil   | D2216       | Percent Moisture             | 47590    | 1        | 08/05/11 08:40 AM | PMOIST_110804A  |
|             | ECL-900-B        | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 47462    | 5        | 08/10/11 01:45 AM | ICP-MS3_110809A |

CLIENT: Weston Solutions, Inc.  
 Project: TCEQ Dona Park Residential Removal Action  
 Project No: 02444.021.004.0020.01  
 Lab Order: 1108001

Client Sample ID: ECL-250-B  
 Lab ID: 1108001-01  
 Collection Date: 07/29/11 04:40 PM  
 Matrix: Soil

| Analyses                     | Result | SDL     | RL    | Qual | Units     | DF | Date Analyzed     |
|------------------------------|--------|---------|-------|------|-----------|----|-------------------|
| Trace Metals: ICP-MS - Solid |        | SW6020A |       |      |           |    | Analyst: AJR      |
| Cadmium                      | 8.90   | 0.104   | 0.312 |      | mg/Kg-dry | 5  | 08/10/11 01:39 AM |
| Lead                         | 68.5   | 0.104   | 0.312 |      | mg/Kg-dry | 5  | 08/10/11 01:39 AM |
| Percent Moisture             |        | D2216   |       |      |           |    | Analyst: JCG      |
| Percent Moisture             | 3.78   | 0       | 0     |      | WT%       | 1  | 08/05/11 08:40 AM |

|             |   |     |   |
|-------------|---|-----|---|
| Qualifiers: | See Final Page of Report for MQLs and MDLs          | J   | Analyte detected between SDL and RL                         |
| B           | Analyte detected in the associated Method Blank     | N   | Parameter not NELAC certified                               |
| C           | Sample Result or QC discussed in the Case Narrative | ND  | Not Detected at the SDL                                     |
| DF          | Dilution Factor                                     | RL  | Reporting Limit (MQL adjusted for moisture and sample size) |
| E           | TPH pattern not Gas or Diesel Range Pattern         | S   | Spike Recovery outside control limits                       |
|             |   | SDL | Sample Detection Limit                                      |

CLIENT: Weston Solutions, Inc.  
 Project: TCEQ Dona Park Residential Removal Action  
 Project No: 02444.021.004.0020.01  
 Lab Order: 1108001

Client Sample ID: ECL-900-B  
 Lab ID: 1108001-02  
 Collection Date: 07/29/11 04:45 PM  
 Matrix: Soil

| Analyses                     | Result | SDL     | RL    | Qual | Units     | DF | Date Analyzed     |
|------------------------------|--------|---------|-------|------|-----------|----|-------------------|
| Trace Metals: ICP-MS - Solid |        | SW6020A |       |      |           |    | Analyst: AJR      |
| Cadmium                      | 8.32   | 0.103   | 0.310 |      | mg/Kg-dry | 5  | 08/10/11 01:45 AM |
| Lead                         | 67.3   | 0.103   | 0.310 |      | mg/Kg-dry | 5  | 08/10/11 01:45 AM |
| Percent Moisture             |        | D2216   |       |      |           |    | Analyst: JCG      |
| Percent Moisture             | 3.26   | 0       | 0     |      | WT%       | 1  | 08/05/11 08:40 AM |

|             |   |     |   |
|-------------|---|-----|---|
| Qualifiers: | See Final Page of Report for MQLs and MDLs          | J   | Analyte detected between SDL and RL                         |
| B           | Analyte detected in the associated Method Blank     | N   | Parameter not NELAC certified                               |
| C           | Sample Result or QC discussed in the Case Narrative | ND  | Not Detected at the SDL                                     |
| DF          | Dilution Factor                                     | RL  | Reporting Limit (MQL adjusted for moisture and sample size) |
| E           | TPH pattern not Gas or Diesel Range Pattern         | S   | Spike Recovery outside control limits                       |
|             |   | SDL | Sample Detection Limit                                      |

CLIENT: Weston Solutions, Inc.  
 Work Order: 1108001  
 Project: TCEQ Dona Park Residential Removal Action

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS3\_110809A

|            |          |           |                 |                |                   |            |           |      |           |      |
|------------|----------|-----------|-----------------|----------------|-------------------|------------|-----------|------|-----------|------|
| Sample ID: | MB-47462 | Batch ID: | 47462           | TestNo:        | SW6020A           | Units:     | mg/Kg     |      |           |      |
| SampType:  | MBLK     | Run ID:   | ICP-MS3_110809A | Analysis Date: | 08/10/11 01:06 AM | Prep Date: | 08/01/11  |      |           |      |
| Analyte    | Result   | RL        | SPK value       | Ref Val        | %REC              | LowLimit   | HighLimit | %RPD | RPD Limit | Qual |
| Cadmium    | <0.100   | 0.300     |                 |                |                   |            |           |      |           |      |
| Lead       | 0.157    | 0.300     |                 |                |                   |            |           |      |           |      |

|            |           |           |                 |                |                   |            |           |      |           |      |
|------------|-----------|-----------|-----------------|----------------|-------------------|------------|-----------|------|-----------|------|
| Sample ID: | LCS-47462 | Batch ID: | 47462           | TestNo:        | SW6020A           | Units:     | mg/Kg     |      |           |      |
| SampType:  | LCS       | Run ID:   | ICP-MS3_110809A | Analysis Date: | 08/10/11 01:12 AM | Prep Date: | 08/01/11  |      |           |      |
| Analyte    | Result    | RL        | SPK value       | Ref Val        | %REC              | LowLimit   | HighLimit | %RPD | RPD Limit | Qual |
| Cadmium    | 50.7      | 0.300     | 50.00           | 0              | 101               | 80         | 120       |      |           |      |
| Lead       | 52.2      | 0.300     | 50.00           | 0              | 104               | 80         | 120       |      |           |      |

|            |           |           |                 |                |                   |            |           |       |           |      |
|------------|-----------|-----------|-----------------|----------------|-------------------|------------|-----------|-------|-----------|------|
| Sample ID: | LCS-47462 | Batch ID: | 47462           | TestNo:        | SW6020A           | Units:     | mg/Kg     |       |           |      |
| SampType:  | LCS       | Run ID:   | ICP-MS3_110809A | Analysis Date: | 08/10/11 01:17 AM | Prep Date: | 08/01/11  |       |           |      |
| Analyte    | Result    | RL        | SPK value       | Ref Val        | %REC              | LowLimit   | HighLimit | %RPD  | RPD Limit | Qual |
| Cadmium    | 50.6      | 0.300     | 50.00           | 0              | 101               | 80         | 120       | 0.197 | 25        |      |
| Lead       | 52.4      | 0.300     | 50.00           | 0              | 105               | 80         | 120       | 0.335 | 25        |      |

|            |                |           |                 |                |                   |            |           |      |           |      |
|------------|----------------|-----------|-----------------|----------------|-------------------|------------|-----------|------|-----------|------|
| Sample ID: | 1107232-03C SD | Batch ID: | 47462           | TestNo:        | SW6020A           | Units:     | mg/Kg-dry |      |           |      |
| SampType:  | SD             | Run ID:   | ICP-MS3_110809A | Analysis Date: | 08/10/11 01:34 AM | Prep Date: | 08/01/11  |      |           |      |
| Analyte    | Result         | RL        | SPK value       | Ref Val        | %REC              | LowLimit   | HighLimit | %RPD | RPD Limit | Qual |
| Cadmium    | <0.545         | 1.63      | 0               | 0.1349         |                   |            |           | 0    | 10        |      |
| Lead       | 13.0           | 1.63      | 0               | 12.68          |                   |            |           | 2.31 | 10        |      |

|            |                 |           |                 |                |                   |            |           |      |           |      |
|------------|-----------------|-----------|-----------------|----------------|-------------------|------------|-----------|------|-----------|------|
| Sample ID: | 1107232-03C PDS | Batch ID: | 47462           | TestNo:        | SW6020A           | Units:     | mg/Kg-dry |      |           |      |
| SampType:  | PDS             | Run ID:   | ICP-MS3_110809A | Analysis Date: | 08/10/11 01:50 AM | Prep Date: | 08/01/11  |      |           |      |
| Analyte    | Result          | RL        | SPK value       | Ref Val        | %REC              | LowLimit   | HighLimit | %RPD | RPD Limit | Qual |
| Cadmium    | 51.1            | 0.327     | 54.47           | 0.1349         | 93.6              | 80         | 120       |      |           |      |
| Lead       | 66.2            | 0.327     | 54.47           | 12.68          | 98.3              | 80         | 120       |      |           |      |

|            |                |           |                 |                |                   |            |           |      |           |      |
|------------|----------------|-----------|-----------------|----------------|-------------------|------------|-----------|------|-----------|------|
| Sample ID: | 1107232-03C MS | Batch ID: | 47462           | TestNo:        | SW6020A           | Units:     | mg/Kg-dry |      |           |      |
| SampType:  | MS             | Run ID:   | ICP-MS3_110809A | Analysis Date: | 08/10/11 01:56 AM | Prep Date: | 08/01/11  |      |           |      |
| Analyte    | Result         | RL        | SPK value       | Ref Val        | %REC              | LowLimit   | HighLimit | %RPD | RPD Limit | Qual |
| Cadmium    | 54.6           | 0.318     | 52.93           | 0.1349         | 103               | 80         | 120       |      |           |      |
| Lead       | 67.0           | 0.318     | 52.93           | 12.68          | 103               | 80         | 120       |      |           |      |

|            |                 |           |                 |                |                   |            |           |      |           |      |
|------------|-----------------|-----------|-----------------|----------------|-------------------|------------|-----------|------|-----------|------|
| Sample ID: | 1107232-03C MSD | Batch ID: | 47462           | TestNo:        | SW6020A           | Units:     | mg/Kg-dry |      |           |      |
| SampType:  | MSD             | Run ID:   | ICP-MS3_110809A | Analysis Date: | 08/10/11 02:01 AM | Prep Date: | 08/01/11  |      |           |      |
| Analyte    | Result          | RL        | SPK value       | Ref Val        | %REC              | LowLimit   | HighLimit | %RPD | RPD Limit | Qual |
| Cadmium    | 53.4            | 0.324     | 53.95           | 0.1349         | 98.8              | 80         | 120       | 2.15 | 25        |      |
| Lead       | 68.6            | 0.324     | 53.95           | 12.68          | 104               | 80         | 120       | 2.46 | 25        |      |

|             |     |   |    |                                       |
|-------------|-----|---|----|---------------------------------------|
| Qualifiers: | B   | Analyte detected in the associated Method Blank | R  | RPD outside accepted control limits   |
|             | DF  | Dilution Factor                                 | RL | Reporting Limit                       |
|             | J   | Analyte detected between MDL and RL             | S  | Spike Recovery outside control limits |
|             | MDL | Method Detection Limit                          | J  | Analyte detected between SDL and RL   |
|             | ND  | Not Detected at the Method Detection Limit      | N  | Parameter not NELAC certified         |

CLIENT: Weston Solutions, Inc.  
 Work Order: 1108001  
 Project: TCEQ Dona Park Residential Removal Action

**ANALYTICAL QC SUMMARY REPORT**

RunID: ICP-MS3\_110809A

| Sample ID: | ICV1-110809  | Batch ID: | R56258          | TestNo:        | SW6020A           | Units:     | mg/L      |      |           |      |
|------------|--------------|-----------|-----------------|----------------|-------------------|------------|-----------|------|-----------|------|
| SampType:  | ICV          | Run ID:   | ICP-MS3_110809A | Analysis Date: | 08/09/11 12:20 PM | Prep Date: |           |      |           |      |
| Analyte    | Result       | RL        | SPK value       | Ref Val        | %REC              | LowLimit   | HighLimit | %RPD | RPD Limit | Qual |
| Cadmium    | 0.103        | 0.00100   | 0.100           | 0              | 103               | 90         | 110       |      |           |      |
| Lead       | 0.103        | 0.00100   | 0.100           | 0              | 103               | 90         | 110       |      |           |      |
|            |              |           |                 |                |                   |            |           |      |           |      |
| Sample ID: | LCVL-110809  | Batch ID: | R56258          | TestNo:        | SW6020A           | Units:     | mg/L      |      |           |      |
| SampType:  | LCVL         | Run ID:   | ICP-MS3_110809A | Analysis Date: | 08/09/11 12:36 PM | Prep Date: |           |      |           |      |
| Analyte    | Result       | RL        | SPK value       | Ref Val        | %REC              | LowLimit   | HighLimit | %RPD | RPD Limit | Qual |
| Cadmium    | 0.00111      | 0.00100   | 0.00100         | 0              | 111               | 70         | 130       |      |           |      |
| Lead       | 0.00105      | 0.00100   | 0.00100         | 0              | 105               | 70         | 130       |      |           |      |
|            |              |           |                 |                |                   |            |           |      |           |      |
| Sample ID: | CCV6-110809  | Batch ID: | R56258          | TestNo:        | SW6020A           | Units:     | mg/L      |      |           |      |
| SampType:  | CCV          | Run ID:   | ICP-MS3_110809A | Analysis Date: | 08/10/11 12:11 AM | Prep Date: |           |      |           |      |
| Analyte    | Result       | RL        | SPK value       | Ref Val        | %REC              | LowLimit   | HighLimit | %RPD | RPD Limit | Qual |
| Cadmium    | 0.198        | 0.00100   | 0.200           | 0              | 99.2              | 90         | 110       |      |           |      |
| Lead       | 0.205        | 0.00100   | 0.200           | 0              | 102               | 90         | 110       |      |           |      |
|            |              |           |                 |                |                   |            |           |      |           |      |
| Sample ID: | LCVL6-110809 | Batch ID: | R56258          | TestNo:        | SW6020A           | Units:     | mg/L      |      |           |      |
| SampType:  | LCVL         | Run ID:   | ICP-MS3_110809A | Analysis Date: | 08/10/11 12:27 AM | Prep Date: |           |      |           |      |
| Analyte    | Result       | RL        | SPK value       | Ref Val        | %REC              | LowLimit   | HighLimit | %RPD | RPD Limit | Qual |
| Lead       | 0.00626      | 0.00100   | 0.00500         | 0              | 125               | 70         | 130       |      |           |      |
|            |              |           |                 |                |                   |            |           |      |           |      |
| Sample ID: | LCVL6-110809 | Batch ID: | R56258          | TestNo:        | SW6020A           | Units:     | mg/L      |      |           |      |
| SampType:  | LCVL         | Run ID:   | ICP-MS3_110809A | Analysis Date: | 08/10/11 12:44 AM | Prep Date: |           |      |           |      |
| Analyte    | Result       | RL        | SPK value       | Ref Val        | %REC              | LowLimit   | HighLimit | %RPD | RPD Limit | Qual |
| Cadmium    | 0.00108      | 0.00100   | 0.00100         | 0              | 108               | 70         | 130       |      |           |      |
|            |              |           |                 |                |                   |            |           |      |           |      |
| Sample ID: | CCV7-110809  | Batch ID: | R56258          | TestNo:        | SW6020A           | Units:     | mg/L      |      |           |      |
| SampType:  | CCV          | Run ID:   | ICP-MS3_110809A | Analysis Date: | 08/10/11 02:18 AM | Prep Date: |           |      |           |      |
| Analyte    | Result       | RL        | SPK value       | Ref Val        | %REC              | LowLimit   | HighLimit | %RPD | RPD Limit | Qual |
| Cadmium    | 0.206        | 0.00100   | 0.200           | 0              | 103               | 90         | 110       |      |           |      |
| Lead       | 0.208        | 0.00100   | 0.200           | 0              | 104               | 90         | 110       |      |           |      |
|            |              |           |                 |                |                   |            |           |      |           |      |
| Sample ID: | LCVL7-110809 | Batch ID: | R56258          | TestNo:        | SW6020A           | Units:     | mg/L      |      |           |      |
| SampType:  | LCVL         | Run ID:   | ICP-MS3_110809A | Analysis Date: | 08/10/11 02:57 AM | Prep Date: |           |      |           |      |
| Analyte    | Result       | RL        | SPK value       | Ref Val        | %REC              | LowLimit   | HighLimit | %RPD | RPD Limit | Qual |
| Cadmium    | 0.00108      | 0.00100   | 0.00100         | 0              | 108               | 70         | 130       |      |           |      |
| Lead       | 0.00125      | 0.00100   | 0.00100         | 0              | 125               | 70         | 130       |      |           |      |

|             |     |   |    |                                       |
|-------------|-----|---|----|---------------------------------------|
| Qualifiers: | B   | Analyte detected in the associated Method Blank | R  | RPD outside accepted control limits   |
|             | DF  | Dilution Factor                                 | RL | Reporting Limit                       |
|             | J   | Analyte detected between MDL and RL             | S  | Spike Recovery outside control limits |
|             | MDL | Method Detection Limit                          | J  | Analyte detected between SDL and RL   |
|             | ND  | Not Detected at the Method Detection Limit      | N  | Parameter not NELAC certified         |

CLIENT: Weston Solutions, Inc.  
 Work Order: 1108001  
 Project: TCEQ Dona Park Residential Removal Action

**ANALYTICAL QC SUMMARY REPORT**

RunID: PMOIST\_110804A

|                  |                |           |                |                |                   |            |           |      |           |      |
|------------------|----------------|-----------|----------------|----------------|-------------------|------------|-----------|------|-----------|------|
| Sample ID:       | 1108035-08ADUP | Batch ID: | 47590          | TestNo:        | D2216             | Units:     | WT%       |      |           |      |
| SampType:        | DUP            | Run ID:   | PMOIST_110804A | Analysis Date: | 08/05/11 08:40 AM | Prep Date: | 08/04/11  |      |           |      |
| Analyte          | Result         | RL        | SPK value      | Ref Val        | %REC              | LowLimit   | HighLimit | %RPD | RPD Limit | Qual |
| Percent Moisture | 24.5           | 0         | 0              | 23.64          |                   |            |           | 3.56 | 30        |      |

|             |     |   |    |                                       |
|-------------|-----|---|----|---------------------------------------|
| Qualifiers: | B   | Analyte detected in the associated Method Blank | R  | RPD outside accepted control limits   |
|             | DF  | Dilution Factor                                 | RL | Reporting Limit                       |
|             | J   | Analyte detected between MDL and RL             | S  | Spike Recovery outside control limits |
|             | MDL | Method Detection Limit                          | J  | Analyte detected between SDL and RL   |
|             | ND  | Not Detected at the Method Detection Limit      | N  | Parameter not NELAC certified         |

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CLIENT: Weston Solutions, Inc.  
Work Order: 1108001  
Project: TCEQ Dona Park Residential Removal Action

**MQL SUMMARY REPORT**

---

| TestNo: SW6020A<br>Analyte | MDL<br>mg/Kg | MQL<br>mg/Kg |
|----------------------------|--------------|--------------|
| Cadmium                    | 0.100        | 0.300        |
| Lead                       | 0.100        | 0.300        |



August 11, 2011

Dawn Denham-Ewell  
Weston Solutions, Inc.  
5599 San Felipe, Suite 700  
Houston, Texas 77056

Order No: 1108096

TEL: (713) 985-6610  
FAX: (713) 985-6703

RE: TCEQ Dona Park Residential Removal Action

Dear Dawn Denham-Ewell:

DHL Analytical received 1 sample(s) on 8/10/2011 for the analyses presented in the following report.

There were no problems with the analyses and all data met requirements of NELAC except where noted in the Case Narrative. All non-NELAC methods will be identified accordingly in the case narrative and all estimated uncertainties of test results are within method or EPA specifications.

If you have any questions regarding these tests results, please feel free to call. Thank you for using DHL Analytical.

Sincerely,

A handwritten signature in black ink that reads "John DuPont".

John DuPont  
General Manager

This report was performed under the accreditation of the State of Texas Laboratory Certification Number: T104704211-11-7



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Ship Date: 09AUG11  
AdtWgt: 10.0 LB  
CAD: 102783820MET3180

From: (323) 367-8280  
Brandt Logistics  
5588 San Felipe  
Suite 700  
Houston, TX 77056



SHIP TO: (512) 388-8222

John DuPont  
DHL Analytical  
2300 DOUBLE CREEK DR  
ROUND ROCK, TX 78664

Delivery Address Bar Code



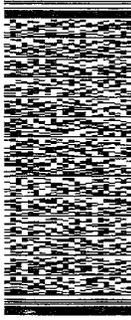
Ref # Confirmation Soil Samples  
Invoice # 02444.021.004.0020.01  
PO #  
Dept #

BILL SENDER  
J1103110428225

WED - 10 AUG A1  
PRIORITY OVERNIGHT

TRK# 7950 6351 4699  
17201

A8 BSMA  
78664 TX-US  
AUS



5070HEE2794



Sample Receipt Checklist

Client Name Weston Solutions, Inc.

Date Received: 8/10/2011

Work Order Number 1108096

Received by JB

Checklist completed by:

*JB* 8/10/11  
Signature Date

Reviewed by

*SS* 8-10-11  
Initials Date

Carrier name: FedEx 1day

- Shipping container/cooler in good condition? Yes  No  Not Present
- Custody seals intact on shipping container/cooler? Yes  No  Not Present
- Custody seals intact on sample bottles? Yes  No  Not Present
- Chain of custody present? Yes  No
- Chain of custody signed when relinquished and received? Yes  No
- Chain of custody agrees with sample labels? Yes  No
- Samples in proper container/bottle? Yes  No
- Sample containers intact? Yes  No
- Sufficient sample volume for indicated test? Yes  No
- All samples received within holding time? Yes  No
- Container/Temp Blank temperature in compliance? Yes  No  26.2 °C
- Water - VOA vials have zero headspace? Yes  No  No VOA vials submitted
- Water - pH acceptable upon receipt? Yes  No  Not Applicable

Adjusted? \_\_\_\_\_ Checked by \_\_\_\_\_

Any No response must be detailed in the comments section below.

Client contacted \_\_\_\_\_ Date contacted: \_\_\_\_\_ Person contacted \_\_\_\_\_

Contacted by: \_\_\_\_\_ Regarding: \_\_\_\_\_

Comments: \_\_\_\_\_

Corrective Action \_\_\_\_\_

# Laboratory Data Package Signature Page – RG-366/TRRP-13

This data package consists of:

This signature page, the laboratory review checklist, and the following reportable data:

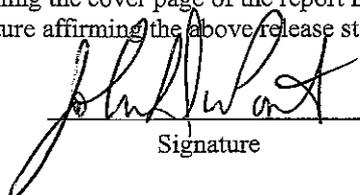
- R1 Field chain-of-custody documentation;
- R2 Sample identification cross-reference;
- R3 Test reports (analytical data sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5,
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - 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 (DCS results can be found with the Miscellaneous Documents) for each analyte for each method and matrix;
- R10 Other problems or anomalies.

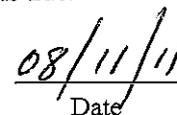
The Exception Report for every "No" or "Not Reviewed (NR)" item in Laboratory Review checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

**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 that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information or data affecting the quality of the data has been knowingly withheld.

This laboratory was last inspected by TCEQ on May 17-20, 2011. Any findings affecting the data in this laboratory data package are noted in the Exception Reports herein. The official signing the cover page of the report in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

John DuPont – General Manager  
Scott Schroeder – Technical Director

  
Signature

  
Date

DHL Analytical, Inc.

Laboratory Review Checklist: Reportable Data

| Project Name: TCEQ Dona Park Residential Removal Action |                | Date: 8/11/11   |     |    |                 |                 |       |
|---|----------------|---|-----|----|-----------------|-----------------|-------|
| Reviewer Name: Carlos Castro                            |                | Laboratory Work Order: 1108096  |     |    |                 |                 |       |
| Prep Batch Number(s): See Prep Dates Report             |                | Run Batch: See Analytical Dates Report  |     |    |                 |                 |       |
| # <sup>1</sup>  | A <sup>2</sup> | Description   | Yes | No | NA <sup>3</sup> | NR <sup>4</sup> | ER#   |
| R1  | OI             | <b>Chain-of-Custody (C-O-C)</b>   |     |    |                 |                 |       |
|   |                | 1) Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?  | X   |    |                 |                 | R1-01 |
|   |                | 2) Were all departures from standard conditions described in an exception report?   |     |    | X               |                 |       |
| R2  | OI             | <b>Sample and Quality Control (QC) Identification</b>   |     |    |                 |                 |       |
|   |                | 1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?   | X   |    |                 |                 |       |
|   |                | 2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?   | X   |    |                 |                 |       |
| R3  | OI             | <b>Test Reports</b>   |     |    |                 |                 |       |
|   |                | 1) Were all samples prepared and analyzed within holding times?   | X   |    |                 |                 |       |
|   |                | 2) Other than those results < MQL, were all other raw values bracketed by calibration standards?  | X   |    |                 |                 |       |
|   |                | 3) Were calculations checked by a peer or supervisor?   | X   |    |                 |                 |       |
|   |                | 4) Were all analyte identifications checked by a peer or supervisor?  | X   |    |                 |                 |       |
|   |                | 5) Were sample detection limits reported for all analytes not detected?   | X   |    |                 |                 |       |
|   |                | 6) Were all results for soil and sediment samples reported on a dry weight basis?   | X   |    |                 |                 |       |
|   |                | 7) Were % moisture (or solids) reported for all soil and sediment samples?  | X   |    |                 |                 |       |
|   |                | 8) Were bulk soils/solids samples for volatile analysis extracted with methanol per EPA Method 5035?  |     |    |                 | X               |       |
|   |                | 9) If required for the project, TICs reported?  |     |    | X               |                 |       |
| R4  | O              | <b>Surrogate Recovery Data</b>  |     |    |                 |                 |       |
|   |                | 1) Were surrogates added prior to extraction?   |     |    | X               |                 |       |
|   |                | 2) Were surrogate percent recoveries in all samples within the laboratory QC limits?  |     |    | X               |                 |       |
| R5  | OI             | <b>Test Reports/Summary Forms for Blank Samples</b>   |     |    |                 |                 |       |
|   |                | 1) Were appropriate type(s) of blanks analyzed?   | X   |    |                 |                 |       |
|   |                | 2) Were blanks analyzed at the appropriate frequency?   | X   |    |                 |                 |       |
|   |                | 3) Where method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?   | X   |    |                 |                 |       |
|   |                | 4) Were blank concentrations < MQL?   |     | X  |                 | R5-04           |       |
| R6  | OI             | <b>Laboratory Control Samples (LCS):</b>  |     |    |                 |                 |       |
|   |                | 1) Were all COCs included in the LCS?   | X   |    |                 |                 |       |
|   |                | 2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?  | X   |    |                 |                 |       |
|   |                | 3) Were LCSs analyzed at the required frequency?  | X   |    |                 |                 |       |
|   |                | 4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?  | X   |    |                 |                 |       |
|   |                | 5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?   | X   |    |                 |                 |       |
|   |                | 6) Was the LCSD RPD within QC limits (if applicable)?   | X   |    |                 |                 |       |
| R7  | OI             | <b>Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Data</b>  |     |    |                 |                 |       |
|   |                | 1) Were the project/method specified analytes included in the MS and MSD?   | X   |    |                 |                 |       |
|   |                | 2) Were MS/MSD analyzed at the appropriate frequency?   | X   |    |                 |                 |       |
|   |                | 3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?  |     |    | X               |                 | R7-03 |
|   |                | 4) Were MS/MSD RPDs within laboratory QC limits?  | X   |    |                 |                 |       |
| R8  | OI             | <b>Analytical Duplicate Data</b>  |     |    |                 |                 |       |
|   |                | 1) Were appropriate analytical duplicates analyzed for each matrix?   | X   |    |                 |                 |       |
|   |                | 2) Were analytical duplicates analyzed at the appropriate frequency?  | X   |    |                 |                 |       |
|   |                | 3) Were RPDs or relative standard deviations within the laboratory QC limits?   | X   |    |                 |                 |       |
| R9  | OI             | <b>Method Quantitation Limits (MQLs):</b>   |     |    |                 |                 |       |
|   |                | 1) Are the MQLs for each method analyte included in the laboratory data package?  | X   |    |                 |                 |       |
|   |                | 2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?   | X   |    |                 |                 |       |
|   |                | 3) Are unadjusted MQLs and DCSs included in the laboratory data package?  | X   |    |                 |                 |       |
| R10   | OI             | <b>Other Problems/Anomalies</b>   |     |    |                 |                 |       |
|   |                | 1) Are all known problems/anomalies/special conditions noted in this LRC and ER?  | X   |    |                 |                 |       |
|   |                | 2) Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?   | X   |    |                 |                 |       |
|   |                | 3) 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" should be included in the laboratory data package submitted to the TCEQ 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).

DHL Analytical, Inc.

Laboratory Review Checklist (continued): Supporting Data

| Project Name: TCEQ Dona Park Residential Removal Action |                | Date: 8/11/11   |     |    |                 |                 |                  |  |  |
|---|----------------|---|-----|----|-----------------|-----------------|------------------|--|--|
| Reviewer Name: Carlos Castro                            |                | Laboratory Work Order: 1108096  |     |    |                 |                 |                  |  |  |
| # <sup>1</sup>  | A <sup>2</sup> | Description   | Yes | No | NA <sup>3</sup> | NR <sup>4</sup> | ER# <sup>5</sup> |  |  |
| S1  | OI             | <b>Initial Calibration (ICAL)</b>   |     |    |                 |                 |                  |  |  |
|   |                | 1) Were response factors and/or relative response factors for each analyte within QC limits?                  | X   |    |                 |                 |                  |  |  |
|   |                | 2) Were percent RSDs or correlation coefficient criteria met?   | X   |    |                 |                 |                  |  |  |
|   |                | 3) Was the number of standards recommended in the method used for all analytes?                               | X   |    |                 |                 |                  |  |  |
|   |                | 4) Were all points generated between the lowest and highest standard used to calculate the curve?             | X   |    |                 |                 |                  |  |  |
|   |                | 5) Are ICAL data available for all instruments used?  | X   |    |                 |                 |                  |  |  |
|   |                | 6) Has the initial calibration curve been verified using an appropriate second source standard?               | X   |    |                 |                 |                  |  |  |
| S2  | OI             | <b>Initial and Continuing Calibration Verification (ICCV and CCV) and Continuing Calibration Blank (CCB):</b> |     |    |                 |                 |                  |  |  |
|   |                | 1) Was the CCV analyzed at the method-required frequency?   | X   |    |                 |                 |                  |  |  |
|   |                | 2) Were percent differences for each analyte within the method-required QC limits?                            | X   |    |                 |                 |                  |  |  |
|   |                | 3) Was the ICAL curve verified for each analyte?  | X   |    |                 |                 |                  |  |  |
|   |                | 4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?                            | X   |    |                 |                 |                  |  |  |
| S3  | O              | <b>Mass Spectral Tuning:</b>  |     |    |                 |                 |                  |  |  |
|   |                | 1) Was the appropriate compound for the method used for tuning?   | X   |    |                 |                 |                  |  |  |
|   |                | 2) Were ion abundance data within the method-required QC limits?  | X   |    |                 |                 |                  |  |  |
| S4  | O              | <b>Internal Standards (IS):</b>   |     |    |                 |                 |                  |  |  |
|   |                | 1) Were IS area counts and retention times within the method-required QC limits?                              | X   |    |                 |                 |                  |  |  |
| S5  | OI             | <b>Raw Data (NELAC Section 5.5.10)</b>  |     |    |                 |                 |                  |  |  |
|   |                | 1) Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?                      | X   |    |                 |                 |                  |  |  |
|   |                | 2) Were data associated with manual integrations flagged on the raw data?                                     | X   |    |                 |                 |                  |  |  |
| S6  | O              | <b>Dual Column Confirmation</b>   |     |    |                 |                 |                  |  |  |
|   |                | 1) Did dual column confirmation results meet the method-required QC?  |     |    | X               |                 |                  |  |  |
| S7  | O              | <b>Tentatively Identified Compounds (TICs):</b>   |     |    |                 |                 |                  |  |  |
|   |                | 1) If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?                  |     |    | X               |                 |                  |  |  |
| S8  | I              | <b>Interference Check Sample (ICS) Results:</b>   |     |    |                 |                 |                  |  |  |
|   |                | 1) Were percent recoveries within method QC limits?   | X   |    |                 |                 |                  |  |  |
| S9  | I              | <b>Serial Dilutions, Post Digestion Spikes, and Method of Standard Additions</b>                              |     |    |                 |                 |                  |  |  |
|   |                | 1) Were percent differences, recoveries, and the linearity within the QC limits specified in the method?      | X   |    |                 |                 |                  |  |  |
| S10   | OI             | <b>Method Detection Limit (MDL) Studies</b>   |     |    |                 |                 |                  |  |  |
|   |                | 1) Was a MDL study performed for each reported analyte?   | X   |    |                 |                 |                  |  |  |
|   |                | 2) Is the MDL either adjusted or supported by the analysis of DCSs?   | X   |    |                 |                 |                  |  |  |
| S11   | OI             | <b>Proficiency Test Reports:</b>  |     |    |                 |                 |                  |  |  |
|   |                | 1) Was the lab's performance acceptable on the applicable proficiency tests or evaluation studies?            | X   |    |                 |                 |                  |  |  |
| S12   | OI             | <b>Standards Documentation</b>  |     |    |                 |                 |                  |  |  |
|   |                | 1) Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?          | X   |    |                 |                 |                  |  |  |
| S13   | OI             | <b>Compound/Analyte Identification Procedures</b>   |     |    |                 |                 |                  |  |  |
|   |                | 1) Are the procedures for compound/analyte identification documented?   | X   |    |                 |                 |                  |  |  |
| S14   | OI             | <b>Demonstration of Analyst Competency (DOC)</b>  |     |    |                 |                 |                  |  |  |
|   |                | 1) Was DOC conducted consistent with NELAC Chapter 5 – Appendix C?  | X   |    |                 |                 |                  |  |  |
|   |                | 2) Is documentation of the analyst's competency up-to-date and on file?                                       | X   |    |                 |                 |                  |  |  |
| S15   | OI             | <b>Verification/Validation Documentation for Methods (NELAC Chapter 5)</b>                                    |     |    |                 |                 |                  |  |  |
|   |                | 1) Are all the methods used to generate the data documented, verified, and validated, where applicable?       | X   |    |                 |                 |                  |  |  |
| S16   | OI             | <b>Laboratory Standard Operating Procedures (SOPs):</b>   |     |    |                 |                 |                  |  |  |
|   |                | 1) Are laboratory SOPs current and on file for each method performed?   | X   |    |                 |                 |                  |  |  |

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ 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).



## DCS REPORTING

RunID: ICP-MS3\_110412A  
SampID: DCS-45839-1  
TestNo: SW6020  
BatchID: 45839

Prep Date: 4/12/2011  
Analysis Date: 4/12/2011  
Units: mg/Kg

| Analyte   | Result | RL  | SPK Val | %REC | Low Limit | High Limit | Flag |
|-----------|--------|-----|---------|------|-----------|------------|------|
| Beryllium | 0.176  | 0.3 | 0.15    | 118  | 60        | 140        |      |
| Cadmium   | 0.168  | 0.3 | 0.15    | 112  | 60        | 140        |      |
| Selenium  | 0.111  | 0.5 | 0.15    | 74.2 | 60        | 140        |      |
| Silver    | 0.165  | 0.2 | 0.15    | 110  | 60        | 140        |      |

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CLIENT: Weston Solutions, Inc.  
Project: TCEQ Dona Park Residential Removal Action  
Lab Order: 1108096

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**CASE NARRATIVE**

The samples were analyzed using the methods outlined in the following references:

Method SW6020A - Metals Analysis  
Method D2216 - Percent Moisture

**Exception Report R1-01**

The sample was received and log in performed on 8/10/11. A total of 1 sample was received. The sample arrived in good condition and was properly packaged.

**Exception Report R5-04**

For Metals analysis performed on 8/10/11 Lead was detected below the reporting limit in the method blank. The sample was detected greater than 10 times the amount in the blank. No further corrective actions were taken.

**Exception Report R7-03**

For Metals analysis performed on 8/10/11 the matrix spike duplicate recovery was slightly below control limits for Lead. This is flagged accordingly in the QC summary report. The reference sample selected for the matrix spike and matrix spike duplicate was from this work order. The LCS was within control limits for this analyte. No further corrective actions were taken.

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CLIENT: Weston Solutions, Inc.  
Project: TCEQ Dona Park Residential Removal Action  
Lab Order: 1108096

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**Work Order Sample Summary**

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| Lab Smp ID | Client Sample ID | Tag Number | Date Collected    | Date Recv'd |
|------------|------------------|------------|-------------------|-------------|
| 1108096-01 | ECL-254-B        |            | 08/09/11 02:50 PM | 08/10/11    |

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CLIENT: Weston Solutions, Inc.  
Project: TCEQ Dona Park Residential Removal Action  
Lab Order: 1108096

**PREP DATES REPORT**

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| Sample ID   | Client Sample ID | Collection Date   | Matrix | Test Number | Test Name                      | Prep Date         | Batch ID |
|-------------|------------------|-------------------|--------|-------------|--------------------------------|-------------------|----------|
| 1108096-01A | ECL-254-B        | 08/09/11 02:50 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 08/10/11 12:15 PM | 47685    |
|             | ECL-254-B        | 08/09/11 02:50 PM | Soil   | D2216       | Moisture Preparation           | 08/10/11 11:55 AM | 47678    |

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CLIENT: Weston Solutions, Inc.  
 Project: TCEQ Dona Park Residential Removal Action  
 Lab Order: 1108096

**ANALYTICAL DATES REPORT**

| Sample ID   | Client Sample ID | Matrix | Test Number | Test Name                    | Batch ID | Dilution | Analysis Date     | Run ID          |
|-------------|------------------|--------|-------------|------------------------------|----------|----------|-------------------|-----------------|
| 1108096-01A | ECL-254-B        | Soil   | D2216       | Percent Moisture             | 47678    | 1        | 08/11/11 08:45 AM | PMOIST_110810A  |
|             | ECL-254-B        | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 47685    | 5        | 08/10/11 06:08 PM | ICP-MS3_110810A |

CLIENT: Weston Solutions, Inc.  
 Project: TCEQ Dona Park Residential Removal Action  
 Project No: 02444.021.004.0020.01  
 Lab Order: 1108096

Client Sample ID: ECL-254-B  
 Lab ID: 1108096-01  
 Collection Date: 08/09/11 02:50 PM  
 Matrix: Soil

| Analyses                     | Result | SDL     | RL    | Qual | Units     | DF | Date Analyzed     |
|------------------------------|--------|---------|-------|------|-----------|----|-------------------|
| Trace Metals: ICP-MS - Solid |        | SW6020A |       |      |           |    | Analyst: AJR      |
| Cadmium                      | 25.3   | 0.0988  | 0.296 |      | mg/Kg-dry | 5  | 08/10/11 06:08 PM |
| Lead                         | 157    | 0.0988  | 0.296 |      | mg/Kg-dry | 5  | 08/10/11 06:08 PM |
| Percent Moisture             |        | D2216   |       |      |           |    | Analyst: JCG      |
| Percent Moisture             | 4.52   | 0       | 0     |      | WT%       | 1  | 08/11/11 08:45 AM |

|             |   |     |   |
|-------------|---|-----|---|
| Qualifiers: | See Final Page of Report for MQLs and MDLs          | J   | Analyte detected between SDL and RL                         |
| B           | Analyte detected in the associated Method Blank     | N   | Parameter not NELAC certified                               |
| C           | Sample Result or QC discussed in the Case Narrative | ND  | Not Detected at the SDL                                     |
| DF          | Dilution Factor                                     | RL  | Reporting Limit (MQL adjusted for moisture and sample size) |
| E           | TPH pattern not Gas or Diesel Range Pattern         | S   | Spike Recovery outside control limits                       |
|             |   | SDL | Sample Detection Limit                                      |

CLIENT: Weston Solutions, Inc.  
 Work Order: 1108096  
 Project: TCEQ Dona Park Residential Removal Action

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS3\_110810A

|            |          |           |                 |                |                   |            |           |      |           |      |
|------------|----------|-----------|-----------------|----------------|-------------------|------------|-----------|------|-----------|------|
| Sample ID: | MB-47685 | Batch ID: | 47685           | TestNo:        | SW6020A           | Units:     | mg/Kg     |      |           |      |
| SampType:  | MBLK     | Run ID:   | ICP-MS3_110810A | Analysis Date: | 08/10/11 05:45 PM | Prep Date: | 08/10/11  |      |           |      |
| Analyte    | Result   | RL        | SPK value       | Ref Val        | %REC              | LowLimit   | HighLimit | %RPD | RPD Limit | Qual |
| Cadmium    | <0.100   | 0.300     |                 |                |                   |            |           |      |           |      |
| Lead       | 0.102    | 0.300     |                 |                |                   |            |           |      |           |      |

|            |           |           |                 |                |                   |            |           |      |           |      |
|------------|-----------|-----------|-----------------|----------------|-------------------|------------|-----------|------|-----------|------|
| Sample ID: | LCS-47685 | Batch ID: | 47685           | TestNo:        | SW6020A           | Units:     | mg/Kg     |      |           |      |
| SampType:  | LCS       | Run ID:   | ICP-MS3_110810A | Analysis Date: | 08/10/11 05:51 PM | Prep Date: | 08/10/11  |      |           |      |
| Analyte    | Result    | RL        | SPK value       | Ref Val        | %REC              | LowLimit   | HighLimit | %RPD | RPD Limit | Qual |
| Cadmium    | 48.6      | 0.300     | 50.00           | 0              | 97.3              | 80         | 120       |      |           |      |
| Lead       | 48.6      | 0.300     | 50.00           | 0              | 97.2              | 80         | 120       |      |           |      |

|            |            |           |                 |                |                   |            |           |      |           |      |
|------------|------------|-----------|-----------------|----------------|-------------------|------------|-----------|------|-----------|------|
| Sample ID: | LCSD-47685 | Batch ID: | 47685           | TestNo:        | SW6020A           | Units:     | mg/Kg     |      |           |      |
| SampType:  | LCSD       | Run ID:   | ICP-MS3_110810A | Analysis Date: | 08/10/11 05:56 PM | Prep Date: | 08/10/11  |      |           |      |
| Analyte    | Result     | RL        | SPK value       | Ref Val        | %REC              | LowLimit   | HighLimit | %RPD | RPD Limit | Qual |
| Cadmium    | 48.1       | 0.300     | 50.00           | 0              | 96.2              | 80         | 120       | 1.14 | 25        |      |
| Lead       | 47.8       | 0.300     | 50.00           | 0              | 95.6              | 80         | 120       | 1.66 | 25        |      |

|            |                |           |                 |                |                   |            |           |       |           |      |
|------------|----------------|-----------|-----------------|----------------|-------------------|------------|-----------|-------|-----------|------|
| Sample ID: | 1108096-01A SD | Batch ID: | 47685           | TestNo:        | SW6020A           | Units:     | mg/Kg-dry |       |           |      |
| SampType:  | SD             | Run ID:   | ICP-MS3_110810A | Analysis Date: | 08/10/11 06:13 PM | Prep Date: | 08/10/11  |       |           |      |
| Analyte    | Result         | RL        | SPK value       | Ref Val        | %REC              | LowLimit   | HighLimit | %RPD  | RPD Limit | Qual |
| Cadmium    | 26.9           | 1.48      | 0               | 25.27          |                   | 80         | 120       | 6.25  | 10        |      |
| Lead       | 158            | 1.48      | 0               | 156.9          |                   | 80         | 120       | 0.440 | 10        |      |

|            |                 |           |                 |                |                   |            |           |      |           |      |
|------------|-----------------|-----------|-----------------|----------------|-------------------|------------|-----------|------|-----------|------|
| Sample ID: | 1108096-01A PDS | Batch ID: | 47685           | TestNo:        | SW6020A           | Units:     | mg/Kg-dry |      |           |      |
| SampType:  | PDS             | Run ID:   | ICP-MS3_110810A | Analysis Date: | 08/10/11 06:19 PM | Prep Date: | 08/10/11  |      |           |      |
| Analyte    | Result          | RL        | SPK value       | Ref Val        | %REC              | LowLimit   | HighLimit | %RPD | RPD Limit | Qual |
| Cadmium    | 71.5            | 0.296     | 49.40           | 25.27          | 93.6              | 80         | 120       |      |           |      |
| Lead       | 212             | 0.296     | 49.40           | 156.9          | 111               | 80         | 120       |      |           |      |

|            |                |           |                 |                |                   |            |           |      |           |      |
|------------|----------------|-----------|-----------------|----------------|-------------------|------------|-----------|------|-----------|------|
| Sample ID: | 1108096-01A MS | Batch ID: | 47685           | TestNo:        | SW6020A           | Units:     | mg/Kg-dry |      |           |      |
| SampType:  | MS             | Run ID:   | ICP-MS3_110810A | Analysis Date: | 08/10/11 06:24 PM | Prep Date: | 08/10/11  |      |           |      |
| Analyte    | Result         | RL        | SPK value       | Ref Val        | %REC              | LowLimit   | HighLimit | %RPD | RPD Limit | Qual |
| Cadmium    | 71.6           | 0.296     | 49.40           | 25.27          | 93.8              | 80         | 120       |      |           |      |
| Lead       | 204            | 0.296     | 49.40           | 156.9          | 94.8              | 80         | 120       |      |           |      |

|            |                 |           |                 |                |                   |            |           |       |           |      |
|------------|-----------------|-----------|-----------------|----------------|-------------------|------------|-----------|-------|-----------|------|
| Sample ID: | 1108096-01A MSD | Batch ID: | 47685           | TestNo:        | SW6020A           | Units:     | mg/Kg-dry |       |           |      |
| SampType:  | MSD             | Run ID:   | ICP-MS3_110810A | Analysis Date: | 08/10/11 06:30 PM | Prep Date: | 08/10/11  |       |           |      |
| Analyte    | Result          | RL        | SPK value       | Ref Val        | %REC              | LowLimit   | HighLimit | %RPD  | RPD Limit | Qual |
| Cadmium    | 71.7            | 0.299     | 49.87           | 25.27          | 93.2              | 80         | 120       | 0.186 | 25        |      |
| Lead       | 194             | 0.299     | 49.87           | 156.9          | 75.2              | 80         | 120       | 4.68  | 25        | S    |

|             |     |   |    |                                       |
|-------------|-----|---|----|---------------------------------------|
| Qualifiers: | B   | Analyte detected in the associated Method Blank | R  | RPD outside accepted control limits   |
|             | DF  | Dilution Factor                                 | RL | Reporting Limit                       |
|             | J   | Analyte detected between MDL and RL             | S  | Spike Recovery outside control limits |
|             | MDL | Method Detection Limit                          | J  | Analyte detected between SDL and RL   |
|             | ND  | Not Detected at the Method Detection Limit      | N  | Parameter not NELAC certified         |

CLIENT: Weston Solutions, Inc.  
 Work Order: 1108096  
 Project: TCEQ Dona Park Residential Removal Action

**ANALYTICAL QC SUMMARY REPORT**

RunID: ICP-MS3\_110810A

| Sample ID: | ICV1-110810  | Batch ID: | R56287          | TestNo:        | SW6020A           | Units:     | mg/L      |      |           |      |
|------------|--------------|-----------|-----------------|----------------|-------------------|------------|-----------|------|-----------|------|
| SampType:  | ICV          | Run ID:   | ICP-MS3_110810A | Analysis Date: | 08/10/11 12:38 PM | Prep Date: |           |      |           |      |
| Analyte    | Result       | RL        | SPK value       | Ref Val        | %REC              | LowLimit   | HighLimit | %RPD | RPD Limit | Qual |
| Cadmium    | 0.0989       | 0.00100   | 0.100           | 0              | 98.9              | 90         | 110       |      |           |      |
| Lead       | 0.0981       | 0.00100   | 0.100           | 0              | 98.1              | 90         | 110       |      |           |      |
|            |              |           |                 |                |                   |            |           |      |           |      |
| Sample ID: | LCVL-110810  | Batch ID: | R56287          | TestNo:        | SW6020A           | Units:     | mg/L      |      |           |      |
| SampType:  | LCVL         | Run ID:   | ICP-MS3_110810A | Analysis Date: | 08/10/11 12:55 PM | Prep Date: |           |      |           |      |
| Analyte    | Result       | RL        | SPK value       | Ref Val        | %REC              | LowLimit   | HighLimit | %RPD | RPD Limit | Qual |
| Cadmium    | 0.00106      | 0.00100   | 0.00100         | 0              | 106               | 70         | 130       |      |           |      |
| Lead       | 0.00101      | 0.00100   | 0.00100         | 0              | 101               | 70         | 130       |      |           |      |
|            |              |           |                 |                |                   |            |           |      |           |      |
| Sample ID: | CCV2-110810  | Batch ID: | R56287          | TestNo:        | SW6020A           | Units:     | mg/L      |      |           |      |
| SampType:  | CCV          | Run ID:   | ICP-MS3_110810A | Analysis Date: | 08/10/11 05:07 PM | Prep Date: |           |      |           |      |
| Analyte    | Result       | RL        | SPK value       | Ref Val        | %REC              | LowLimit   | HighLimit | %RPD | RPD Limit | Qual |
| Cadmium    | 0.202        | 0.00100   | 0.200           | 0              | 101               | 90         | 110       |      |           |      |
| Lead       | 0.198        | 0.00100   | 0.200           | 0              | 99.2              | 90         | 110       |      |           |      |
|            |              |           |                 |                |                   |            |           |      |           |      |
| Sample ID: | LCVL2-110810 | Batch ID: | R56287          | TestNo:        | SW6020A           | Units:     | mg/L      |      |           |      |
| SampType:  | LCVL         | Run ID:   | ICP-MS3_110810A | Analysis Date: | 08/10/11 05:29 PM | Prep Date: |           |      |           |      |
| Analyte    | Result       | RL        | SPK value       | Ref Val        | %REC              | LowLimit   | HighLimit | %RPD | RPD Limit | Qual |
| Cadmium    | 0.000938     | 0.00100   | 0.00100         | 0              | 93.8              | 70         | 130       |      |           |      |
| Lead       | 0.000864     | 0.00100   | 0.00100         | 0              | 86.4              | 70         | 130       |      |           |      |
|            |              |           |                 |                |                   |            |           |      |           |      |
| Sample ID: | CCV3-110810  | Batch ID: | R56287          | TestNo:        | SW6020A           | Units:     | mg/L      |      |           |      |
| SampType:  | CCV          | Run ID:   | ICP-MS3_110810A | Analysis Date: | 08/10/11 06:46 PM | Prep Date: |           |      |           |      |
| Analyte    | Result       | RL        | SPK value       | Ref Val        | %REC              | LowLimit   | HighLimit | %RPD | RPD Limit | Qual |
| Cadmium    | 0.205        | 0.00100   | 0.200           | 0              | 102               | 90         | 110       |      |           |      |
| Lead       | 0.201        | 0.00100   | 0.200           | 0              | 101               | 90         | 110       |      |           |      |
|            |              |           |                 |                |                   |            |           |      |           |      |
| Sample ID: | LCVL3-110810 | Batch ID: | R56287          | TestNo:        | SW6020A           | Units:     | mg/L      |      |           |      |
| SampType:  | LCVL         | Run ID:   | ICP-MS3_110810A | Analysis Date: | 08/10/11 07:14 PM | Prep Date: |           |      |           |      |
| Analyte    | Result       | RL        | SPK value       | Ref Val        | %REC              | LowLimit   | HighLimit | %RPD | RPD Limit | Qual |
| Cadmium    | 0.00107      | 0.00100   | 0.00100         | 0              | 107               | 70         | 130       |      |           |      |
| Lead       | 0.00100      | 0.00100   | 0.00100         | 0              | 100               | 70         | 130       |      |           |      |

|             |     |   |    |                                       |
|-------------|-----|---|----|---------------------------------------|
| Qualifiers: | B   | Analyte detected in the associated Method Blank | R  | RPD outside accepted control limits   |
|             | DF  | Dilution Factor                                 | RL | Reporting Limit                       |
|             | J   | Analyte detected between MDL and RL             | S  | Spike Recovery outside control limits |
|             | MDL | Method Detection Limit                          | J  | Analyte detected between SDL and RL   |
|             | ND  | Not Detected at the Method Detection Limit      | N  | Parameter not NELAC certified         |

CLIENT: Weston Solutions, Inc.  
 Work Order: 1108096  
 Project: TCEQ Dona Park Residential Removal Action

**ANALYTICAL QC SUMMARY REPORT**

RunID: PMOIST\_110810A

|                  |                |           |                |                |                   |            |           |      |           |      |
|------------------|----------------|-----------|----------------|----------------|-------------------|------------|-----------|------|-----------|------|
| Sample ID:       | 1108024-48CDUP | Batch ID: | 47678          | TestNo:        | D2216             | Units:     | WT%       |      |           |      |
| SampType:        | DUP            | Run ID:   | PMOIST_110810A | Analysis Date: | 08/11/11 08:45 AM | Prep Date: | 08/10/11  |      |           |      |
| Analyte          | Result         | RL        | SPK value      | Ref Val        | %REC              | LowLimit   | HighLimit | %RPD | RPD Limit | Qual |
| Percent Moisture | 9.05           | 0         | 0              | 9.939          |                   |            |           | 9.36 | 30        |      |

|             |     |   |    |                                       |
|-------------|-----|---|----|---------------------------------------|
| Qualifiers: | B   | Analyte detected in the associated Method Blank | R  | RPD outside accepted control limits   |
|             | DF  | Dilution Factor                                 | RL | Reporting Limit                       |
|             | J   | Analyte detected between MDL and RL             | S  | Spike Recovery outside control limits |
|             | MDL | Method Detection Limit                          | J  | Analyte detected between SDL and RL   |
|             | ND  | Not Detected at the Method Detection Limit      | N  | Parameter not NELAC certified         |

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CLIENT: Weston Solutions, Inc.  
Work Order: 1108096  
Project: TCEQ Dona Park Residential Removal Action

**MQL SUMMARY REPORT**

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| TestNo: SW6020A<br>Analyte | MDL<br>mg/Kg | MQL<br>mg/Kg |
|----------------------------|--------------|--------------|
| Cadmium                    | 0.100        | 0.300        |
| Lead                       | 0.100        | 0.300        |

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**APPENDIX E**

**POST-REMOVAL INSPECTION CHECKLISTS**

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### Post-Removal Inspection Checklist

Owner's/Resident's Name

Gloria Anguiano

Address:

1265 GOLLA DR

Corpus Christi, TX

Location of Excavation

back yard ~~\_\_\_\_\_~~ <sup>BNH</sup>

~~\_\_\_\_\_~~  
~~\_\_\_\_\_~~ <sup>BNH</sup>

Cover (Replaced):

Dirt

Grass

Gravel

Driveway (Replaced):

Yes

No

Type: dirt median scraped & replaced only

Vegetation (Replaced)

Yes

No

Fence Removal and Replacement

Yes

No

Type:

Description of Vegetation (Includes New or Deleted Items at Request of Owner):

Turf yard (St. Augustine Floratam Sod). Resident has sprinkler in back yard. ~~\_\_\_\_\_~~ <sup>BNH</sup>

~~\_\_\_\_\_~~  
~~\_\_\_\_\_~~ <sup>BNH</sup>

Personal Property Items Belonging to Residents That Were Moved and Replaced:

Personal property items moved out of removal area by resident prior to removal activities. No items disturbed or replaced. ~~\_\_\_\_\_~~ <sup>BNH</sup>

Structural Conditions of Area Following Excavation:

Same as prior to removal activities. BNH

BNH

\* Site Video Recorded

Brendan Hyles  
WESTON Representative

8-25-2011  
Date

James Daley  
TCEQ Representative

8/25/2011  
Date

\_\_\_\_\_  
Owner/Resident

\_\_\_\_\_  
Date

### Post-Removal Inspection Checklist

Owner's/Resident's  
Name

BRIAN PHILLIPS

Address:

1257 GOLLA DR

Corpus Christi, TX

Location of Excavation

back yard

BNH

BNH

Cover (Replaced):

Dirt

Grass

Gravel

Driveway (Replaced):

Yes

No

Type:

Vegetation (Replaced)

Yes

No

Fence Removal and Replacement

Yes

No

Type:

Description of Vegetation (Includes New or Deleted Items at Request of Owner):

Turf yard (St. Augustine Floratam Seed). Resident appears  
to be watering.

BNH

BNH

Personal Property Items Belonging to Residents That Were Moved and Replaced:

Fenced Shelter was temporarily erected on front porch for 2  
female dogs belonging to resident; taken down upon completion  
of removal activities. Old Ford was temporarily moved from  
driveway to curbside to allow access to back yard. No personal  
property items disturbed or replaced.

Structural Conditions of Area Following Excavation:

Same as prior to removal activities. BNT

BNT

\* Site Video Recorded

Borden Hykes  
WESTON Representative

8-25-2011  
Date

James Haley  
TCEQ Representative

8/25/2011  
Date

\_\_\_\_\_  
Owner/Resident

\_\_\_\_\_  
Date

**Post-Removal Inspection Checklist**

Owner's/Resident's Name

Ronald Lee Greg

Address:

1218 GOLLA DR  
Corpus Christi, TX

Location of Excavation

back yard ~~BNH~~  
~~BNH~~

Cover (Replaced):

Dirt  Grass  Gravel

Driveway (Replaced):

Yes  No Type: Scraped dirt median of driveway

Vegetation (Replaced)

Yes  No

Fence Removal and Replacement

Yes  No Type:

Description of Vegetation (Includes New or Deleted Items at Request of Owner):

Turf yard (St. Augustine Floratam Sod). Sprinkler in yard, in use. ~~BNH~~

~~BNH~~

Personal Property Items Belonging to Residents That Were Moved and Replaced:

Potted plants near garage moved to patio adjacent to driveway & garage. No property items disturbed or replaced. ~~BNH~~

Structural Conditions of Area Following Excavation:

Small concrete block adjacent to garage re-leveled, although not damaged. Concrete pavers leading to back door from driveway replaced (undamaged). Same as prior to removal activities. *my*

\* Site Video Recorded

*Brandon Hayes*  
WESTON Representative

*8-25-2011*  
Date

*James Haley*  
TCEQ Representative

*8/25/2011*  
Date

Owner/Resident

Date

### Post-Removal Inspection Checklist

Owner's/Resident's Name

LORIANNA GODINEZ

Address:

1145 GOLLA DR

Corpus Christi, TX

Location of Excavation

back yard

*BND*

*BND*

Cover (Replaced):

Dirt

Grass

Gravel

Driveway (Replaced):

Yes

No

Type:

Vegetation (Replaced)

Yes

No

Fence Removal and Replacement

Yes

No

Type: chain link section along back boundary re-installed

Description of Vegetation (Includes New or Deleted Items at Request of Owner):

4x8' garden plot adjacent to (south of) garage replaced,

including landscape timbers, topsoil, & 16 aloe vera plants.

Turf yard (St. Augustine Floratam Seed), Resident advises

that watering has been on-going.

*BND*

Personal Property Items Belonging to Residents That Were Moved and Replaced:

None.

*BND*

*BND*

Structural Conditions of Area Following Excavation:

Ref. note reg. chainlink fence on front of sheet. Same  
as prior to removal activities. BNJ

BNJ

\* Site Video Recorded

Bradley Hylis  
WESTON Representative

8-25-2011  
Date

James Haley  
TCEQ Representative

8/25/2011  
Date

\_\_\_\_\_  
Owner/Resident

\_\_\_\_\_  
Date

### Post-Removal Inspection Checklist

Owner's/Resident's Name

JESUSA ETALS GARCIA

Address:

1253 DONA DR

CORPUS CHRISTI, TX

Location of Excavation

back yard

~~BNK~~

~~BNK~~

Cover (Replaced):

Dirt

Grass

Gravel

Driveway (Replaced):

Yes

No

Type:

Vegetation (Replaced)

Yes

No

Fence Removal and Replacement

Yes

No

Type:

Description of Vegetation (Includes New or Deleted Items at Request of Owner):

Turf yard (St. Augustine Floratam Sod), No evidence of watering. ~~BNK~~

~~BNK~~

Personal Property Items Belonging to Residents That Were Moved and Replaced:

1 clothes line removed per consent of property owner. Other property items moved by resident prior to start of removal activities. No property items disturbed or replaced.



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**APPENDIX F**

**WASTE MANIFESTS**

---



NO. 18736

# TEXAS NON-HAZARDOUS SPECIAL WASTE MANIFEST

## GENERATOR

GENERATOR NAME WESTON SOLUTIONS GENERATING LOCATION Weston Solutions

ADDRESS 5909 Saw Felipe St 700 ADDRESS Donna Park  
Houston TX 77056 Corpus Christi TX

PHONE NO. 713-995-6726 STATE GENERATOR ID NUMBER NA

T.W.C. NO. NA DESCRIPTION OF WASTE SOIL with metal concerns QUANTITY            UNITS Y

ALLIED WASTE CODE 417411 10836

Signed as offeror in the course and scope of the contractual performance of services on behalf of the

ALLIED WASTE CODE                                            

TCEQ, as required by a state contract.

ALLIED WASTE CODE                                            

- D - DRUM
- C - CARTON
- B - BAG
- T - TRUCK
- P - POUNDS
- Y - YARDS
- O - OTHER

I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state and federal regulations. This material(s) has been properly described, classified and packaged, and is in proper condition for transportation according to applicable state and federal regulations.

GENERATOR AUTHORIZED AGENT NAME [Signature] SIGNATURE [Signature] SHIPMENT DATE 072811

## TRANSPORTER

TRUCK NO. 3035 PHONE NO. 361-952-1878

TRANSPORTER NAME Allied Waste DRIVER NAME (PRINT) OSCAR ORTEGA

ADDRESS 4414 Agnes VEHICLE LICENSE NO./STATE 48K1861  
CC TX 78405

STATE TRANSPORTER ID NO.           

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

DRIVER SIGNATURE [Signature] SHIPMENT DATE 072811

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE GENERATOR SITE LISTED BELOW.

DRIVER SIGNATURE [Signature] DELIVERY DATE 072811

## DESTINATION

SITE NAME: EL CENTRO LANDFILL PHONE: 361-767-7905

SITE LOCATION: 3180 CR 69 ROBSTOWN TX 78390

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

NAME OF AUTHORIZED AGENT            SIGNATURE            DATE



**TEXAS NON-HAZARDOUS SPECIAL WASTE MANIFEST**

**GENERATOR**

GENERATOR NAME Weston Solutions GENERATING LOCATION Weston Solutions

ADDRESS 5599 San Felipe ADDRESS Donna Park  
Houston TX 77056 Corpus Christi TX 7840

PHONE NO. 7 1 3 9 8 5 6 7 2 6 STATE GENERATOR ID NUMBER           

T.W.C. NO.            DESCRIPTION OF WASTE soil w/metal concerns QUANTITY            UNITS           

REPUBLIC WASTE CODE            4 1 7 4 1 1 1 0 8 3 6  
Signed as Offeror in the course & scope of the contractual performance or service on behalf of the

TCEQ, as required by a State contract.

REPUBLIC WASTE CODE           

REPUBLIC WASTE CODE           

I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state and federal regulations. This material(s) has been properly described, classified and packaged, and is in proper condition for transportation according to applicable state and federal regulations.

GENERATOR AUTHORIZED AGENT NAME [Signature] SIGNATURE [Signature] SHIPMENT DATE 7/29/2011

**TRANSPORTER**

TRUCK NO. 3025 PHONE NO. 361 882 1878

TRANSPORTER NAME Allied Waste DRIVER NAME (PRINT) Sebastian Ortega

ADDRESS 4414 Agnes VEHICLE LICENSE NO./STATE           

Corpus Christi TX 78405 STATE TRANSPORTER ID NO. 84731

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE. I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE GENERATOR SITE LISTED BELOW.

DRIVER SIGNATURE [Signature] SHIPMENT DATE 072911 DRIVER SIGNATURE [Signature] DELIVERY DATE 072911

**DESTINATION**

SITE NAME: **EL CENTRO LANDFILL** PHONE: **(361) 767-7905**  
SITE LOCATION: **3189 CR 69, ROBSTOWN, TEXAS 78380**

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

NAME OF AUTHORIZED AGENT            SIGNATURE            DATE

**TEXAS NON-HAZARDOUS SPECIAL WASTE MANIFEST**

**GENERATOR**

GENERATOR NAME Weston Solutions GENERATING LOCATION Weston Solutions

ADDRESS 5599 San Felipe ADDRESS Donna Park  
Houston TX 77056 Corpus Christi TX 7840

PHONE NO. 7 1 3 9 8 5 6 7 2 6 STATE GENERATOR ID NUMBER           

T.W.C. NO.            DESCRIPTION OF WASTE soil w/metal concerns QUANTITY 25 UNITS Y

REPUBLIC WASTE CODE            4 1 7 4 1 1 1 0 8 3 6  
Signed as Offeror in the course & scope of the contractual performance or service on behalf of the  
TCEQ, as required by a State contract.

REPUBLIC WASTE CODE                                              
REPUBLIC WASTE CODE                                            

- D - DRUM
- C - CARTON
- B - BAG
- T - TRUCK
- P - POUNDS
- Y - YARDS
- O - OTHER

I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state and federal regulations. This material(s) has been properly described, classified and packaged, and is in proper condition for transportation according to applicable state and federal regulations.

GENERATOR AUTHORIZED AGENT NAME [Signature] SIGNATURE [Signature] SHIPMENT DATE 072911

**TRANSPORTER**

TRUCK NO. 3025 PHONE NO. 361 882 1878  
TRANSPORTER NAME Allied Waste DRIVER NAME (PRINT) [Signature]  
ADDRESS 4414 Agnes VEHICLE LICENSE NO./STATE             
Corpus Christi TX 78405 STATE TRANSPORTER ID NO. 84731

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE. I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE GENERATOR SITE LISTED BELOW.

DRIVER SIGNATURE [Signature] SHIPMENT DATE 072911 DRIVER SIGNATURE [Signature] DELIVERY DATE 072911

**DESTINATION**

SITE NAME: **EL CENTRO LANDFILL** PHONE: **(361) 767-7905**  
SITE LOCATION: **3189 CR 69, ROBSTOWN, TEXAS 78380**

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

NAME OF AUTHORIZED AGENT            SIGNATURE            DATE

**TEXAS NON-HAZARDOUS SPECIAL WASTE MANIFEST**

**GENERATOR**

GENERATOR NAME Weston Solutions GENERATING LOCATION Weston Solutions

ADDRESS 5599 San Felipe ADDRESS Donna Park  
Houston TX 77056 Corpus Christi TX 7840

PHONE NO. 7 1 3 9 8 5 6 7 2 6 STATE GENERATOR ID NUMBER           

T.W.C. NO.            DESCRIPTION OF WASTE soil w/metal concerns QUANTITY 25 UNITS Y

REPUBLIC WASTE CODE            4 1 7 4 1 1 1 0 8 3 6  
Signed as Offeror in the course & scope of the contractual performance or service on behalf of the  
TCEQ, as required by a State contract.

REPUBLIC WASTE CODE             
REPUBLIC WASTE CODE             
REPUBLIC WASTE CODE           

- D - DRUM
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I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state and federal regulations. This material(s) has been properly described, classified and packaged, and is in proper condition for transportation according to applicable state and federal regulations.

GENERATOR AUTHORIZED AGENT NAME [Signature] SIGNATURE [Signature] SHIPMENT DATE 080111

**TRANSPORTER**

TRUCK NO. 3025 PHONE NO. 361 882 1878  
TRANSPORTER NAME Allied Waste DRIVER NAME (PRINT) Oscar Ortega  
ADDRESS 4414 Agnes VEHICLE LICENSE NO./STATE             
Corpus Christi TX 78405 STATE TRANSPORTER ID NO. 84731

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE. I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE GENERATOR SITE LISTED BELOW.

DRIVER SIGNATURE [Signature] SHIPMENT DATE 080111 DRIVER SIGNATURE [Signature] DELIVERY DATE 080111

**DESTINATION**

SITE NAME: **EL CENTRO LANDFILL** PHONE: (361) 767-7905  
SITE LOCATION: **3189 CR 69, ROBSTOWN, TEXAS 78380**

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.  
NAME OF AUTHORIZED AGENT            SIGNATURE            DATE

**TEXAS NON-HAZARDOUS SPECIAL WASTE MANIFEST**

**GENERATOR**

Weston Solutions

Weston Solutions

GENERATOR NAME \_\_\_\_\_

GENERATING LOCATION \_\_\_\_\_

5599 San Felipe

Donna Park

ADDRESS \_\_\_\_\_

ADDRESS \_\_\_\_\_

Houston TX 77056

Corpus Christi TX 7840

PHONE NO.

STATE GENERATOR ID NUMBER

T.W.C. NO.

DESCRIPTION OF WASTE

QUANTITY

UNITS

soil w/metal concerns

- D - DRUM
- C - CARTON
- B - BAG
- T - TRUCK
- P - POUNDS
- Y - YARDS
- O - OTHER

REPUBLIC WASTE CODE

Signed as Offeror in the course & scope of the contractual performance or service on behalf of the  
TCEQ, as required by a State contract.

REPUBLIC WASTE CODE

REPUBLIC WASTE CODE

I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state and federal regulations. This material(s) has been properly described, classified and packaged, and is in proper condition for transportation according to applicable state and federal regulations.

GENERATOR AUTHORIZED AGENT NAME

SIGNATURE

SHIPMENT DATE

**TRANSPORTER**

TRUCK NO. 3025

PHONE NO. 361 882 1878

TRANSPORTER NAME Allied Waste

DRIVER NAME (PRINT) Oscar Ortega

ADDRESS 4414 Agnes

VEHICLE LICENSE NO./STATE \_\_\_\_\_

Corpus Christi TX 78405

STATE TRANSPORTER ID NO. 84731

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE GENERATOR SITE LISTED BELOW.

DRIVER SIGNATURE

SHIPMENT DATE

DRIVER SIGNATURE

DELIVERY DATE

Oscar Ortega

Oscar Ortega

**DESTINATION**

SITE NAME: **EL CENTRO LANDFILL**

PHONE: (361) 767-7905

SITE LOCATION: **3189 CR 69, ROBSTOWN, TEXAS 78380**

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

NAME OF AUTHORIZED AGENT

SIGNATURE

DATE

**TEXAS NON-HAZARDOUS SPECIAL WASTE MANIFEST**

**GENERATOR**

Weston Solutions

Weston Solutions

GENERATOR NAME \_\_\_\_\_

GENERATING LOCATION \_\_\_\_\_

ADDRESS 5599 San Felipe

ADDRESS Donna Park

ADDRESS Houston TX 77056

ADDRESS Corpus Christi TX 7840

PHONE NO. 7 1 3 - 9 8 5 6 7 2 6

STATE GENERATOR ID NUMBER           

T.W.C. NO.           

DESCRIPTION OF WASTE

QUANTITY 20 UNITS Y

REPUBLIC WASTE CODE           

soil w/metal concerns

- D - DRUM
- C - CARTON
- B - BAG
- T - TRUCK
- P - POUNDS
- Y - YARDS
- O - OTHER

Signed as Offeror in the course & scope of the contractual performance or service on behalf of the TCEQ, as required by a State contract.

REPUBLIC WASTE CODE           

REPUBLIC WASTE CODE           

I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state and federal regulations. This material(s) has been properly described, classified and packaged, and is in proper condition for transportation according to applicable state and federal regulations.

GENERATOR AUTHORIZED AGENT NAME           

SIGNATURE           

SHIPMENT DATE Aug 13 2011

**TRANSPORTER**

TRUCK NO. 3025

PHONE NO. 361 882 1878

TRANSPORTER NAME Allied Waste

DRIVER NAME (PRINT)           

ADDRESS 4414 Agnes

VEHICLE LICENSE NO./STATE BC00290

ADDRESS Corpus Christi TX 78405

STATE TRANSPORTER ID NO. 84731

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE GENERATOR SITE LISTED BELOW.

DRIVER SIGNATURE           

SHIPMENT DATE 20110813

DRIVER SIGNATURE           

DELIVERY DATE 20110813

**DESTINATION**

SITE NAME: **EL CENTRO LANDFILL**

PHONE: (361) 767-7905

SITE LOCATION: **3189 CR 69, ROBSTOWN, TEXAS 78380**

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

NAME OF AUTHORIZED AGENT \_\_\_\_\_

SIGNATURE \_\_\_\_\_

DATE



**TEXAS NON-HAZARDOUS SPECIAL WASTE MANIFEST**

**GENERATOR**

GENERATOR NAME Weston Solutions GENERATING LOCATION Weston Solutions

ADDRESS 5599 San Felipe ADDRESS Donna Park

Houston TX 77056 Corpus Christi TX 7840

PHONE NO. 7 1 3 9 8 5 6 7 2 6 STATE GENERATOR ID NUMBER           

T.W.C. NO.            DESCRIPTION OF WASTE soil w/metal concerns QUANTITY            UNITS Y

REPUBLIC WASTE CODE            4 1 7 4 1 1 1 0 8 3 6  
Signed as Offeror in the course & scope of the contractual performance or service on behalf of the  
TCEQ, as required by a State contract.

REPUBLIC WASTE CODE                                                                                                                                    

REPUBLIC WASTE CODE                                                                                                                                    

I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state and federal regulations. This material(s) has been properly described, classified and packaged, and is in proper condition for transportation according to applicable state and federal regulations.

GENERATOR AUTHORIZED AGENT NAME [Signature] SIGNATURE [Signature] SHIPMENT DATE 4/13/2011

**TRANSPORTER**

TRUCK NO.            PHONE NO. 361 882 1878

TRANSPORTER NAME Allied Waste DRIVER NAME (PRINT) Oscar Ortega A

ADDRESS 4414 Agnes VEHICLE LICENSE NO./STATE BC 0 0290

Corpus Christi TX 78405 STATE TRANSPORTER ID NO. 84731

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE. I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE GENERATOR SITE LISTED BELOW.

DRIVER SIGNATURE [Signature] SHIPMENT DATE 080311 DRIVER SIGNATURE [Signature] DELIVERY DATE 080311

**DESTINATION**

SITE NAME: **EL CENTRO LANDFILL** PHONE: **(361) 767-7905**

SITE LOCATION: **3189 CR 69, ROBSTOWN, TEXAS 78380**

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

NAME OF AUTHORIZED AGENT            SIGNATURE            DATE

**TEXAS NON-HAZARDOUS SPECIAL WASTE MANIFEST**

**GENERATOR**

GENERATOR NAME Weston Solutions GENERATING LOCATION Weston Solutions

ADDRESS 5599 San Felipe ADDRESS Donna Park

Houston TX 77056 Corpus Christi TX 7840

PHONE NO. 7 1 3 - 9 8 5 6 7 2 6 STATE GENERATOR ID NUMBER           

T.W.C. NO.            DESCRIPTION OF WASTE soil w/metal concerns QUANTITY            UNITS Y

REPUBLIC WASTE CODE            4 1 7 4 1 1 1 0 8 3 6

Signed as Offeror in the course & scope of the contractual performance or service on behalf of the  
TCEQ, as required by a State contract.

REPUBLIC WASTE CODE                                                                  

REPUBLIC WASTE CODE                                                                  

I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state and federal regulations. This material(s) has been properly described, classified and packaged, and is in proper condition for transportation according to applicable state and federal regulations.

[Signature] [Signature] Aug 3 2011  
GENERATOR AUTHORIZED AGENT NAME SIGNATURE SHIPMENT DATE

**TRANSPORTER**

TRUCK NO. 3005 PHONE NO. 361 882 1878

TRANSPORTER NAME Allied Waste DRIVER NAME (PRINT) Oscar Ortega

ADDRESS 4414 Agnes VEHICLE LICENSE NO./STATE BCO 0290

Corpus Christi TX 78405 STATE TRANSPORTER ID NO. 84731

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE. I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE GENERATOR SITE LISTED BELOW.

[Signature] 08 03 11 [Signature] 08 03 11  
DRIVER SIGNATURE SHIPMENT DATE DRIVER SIGNATURE DELIVERY DATE

**DESTINATION**

SITE NAME: **EL CENTRO LANDFILL** PHONE: **(361) 767-7905**

SITE LOCATION: **3189 CR 69, ROBSTOWN, TEXAS 78380**

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

                                  
NAME OF AUTHORIZED AGENT SIGNATURE DATE

**TEXAS NON-HAZARDOUS SPECIAL WASTE MANIFEST**

**GENERATOR**

Weston Solutions

Weston Solutions

GENERATOR NAME \_\_\_\_\_

GENERATING LOCATION \_\_\_\_\_

ADDRESS 5599 San Felipe \_\_\_\_\_

ADDRESS Donna Park \_\_\_\_\_

ADDRESS Houston TX 77056 \_\_\_\_\_

ADDRESS Corpus Christi TX 7840 \_\_\_\_\_

PHONE NO. 7 1 3 - 9 8 5 6 7 2 6

STATE GENERATOR ID NUMBER \_\_\_\_\_

T.W.C. NO.

DESCRIPTION OF WASTE

QUANTITY

UNITS

- D - DRUM
- C - CARTON
- B - BAG
- T - TRUCK
- P - POUNDS
- Y - YARDS
- O - OTHER

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soil w/metal concerns

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REPUBLIC WASTE CODE

Signed as Offeror in the course & scope of the contractual performance or service on behalf of the  
TCEQ, as required by a State contract.

REPUBLIC WASTE CODE

REPUBLIC WASTE CODE

I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state and federal regulations. This material(s) has been properly described, classified and packaged, and is in proper condition for transportation according to applicable state and federal regulations.

GENERATOR AUTHORIZED AGENT NAME \_\_\_\_\_

SIGNATURE \_\_\_\_\_

SHIPMENT DATE \_\_\_\_\_

**TRANSPORTER**

TRUCK NO. 3075 \_\_\_\_\_

PHONE NO. 361 882 1878 \_\_\_\_\_

TRANSPORTER NAME Allied Waste \_\_\_\_\_

DRIVER NAME (PRINT) Oscar Ortega \_\_\_\_\_

ADDRESS 4414 Agnes \_\_\_\_\_

VEHICLE LICENSE NO./STATE \_\_\_\_\_

Corpus Christi TX 78405

STATE TRANSPORTER ID NO. 84731

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE GENERATOR SITE LISTED BELOW.

DRIVER SIGNATURE \_\_\_\_\_

SHIPMENT DATE \_\_\_\_\_

DRIVER SIGNATURE \_\_\_\_\_

DELIVERY DATE \_\_\_\_\_

**DESTINATION**

SITE NAME: EL CENTRO LANDFILL

PHONE: (361) 767-7905

SITE LOCATION: 3189 CR 69, ROBSTOWN, TEXAS 78380

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

NAME OF AUTHORIZED AGENT \_\_\_\_\_

SIGNATURE \_\_\_\_\_

DATE \_\_\_\_\_

**TEXAS NON-HAZARDOUS SPECIAL WASTE MANIFEST**

**GENERATOR**

GENERATOR NAME Weston Solutions GENERATING LOCATION Weston Solutions

ADDRESS 5599 San Felipe ADDRESS Donna Park  
Houston TX 77056 Corpus Christi TX 7840

PHONE NO. 7 1 3 9 8 5 6 7 2 6 STATE GENERATOR ID NUMBER           

T.W.C. NO.            DESCRIPTION OF WASTE soil w/metal concerns QUANTITY 25 UNITS Y

REPUBLIC WASTE CODE            4 1 7 4 1 1 1 0 8 3 6  
Signed as Offeror in the course & scope of the contractual performance or service on behalf of the  
TCEQ, as required by a State contract.

REPUBLIC WASTE CODE                                                                                          
                                                                                       

REPUBLIC WASTE CODE                                                                                        

I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state and federal regulations. This material(s) has been properly described, classified and packaged, and is in proper condition for transportation according to applicable state and federal regulations.

[Signature] GENERATOR AUTHORIZED AGENT NAME [Signature] SIGNATURE Aug 4 2011 SHIPMENT DATE

**TRANSPORTER**

TRUCK NO. 3025 PHONE NO. 361 882 1878

TRANSPORTER NAME Allied Waste DRIVER NAME (PRINT) [Signature]

ADDRESS 4414 Agnes VEHICLE LICENSE NO./STATE           

Corpus Christi TX 78405 STATE TRANSPORTER ID NO. 84731

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE. I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE GENERATOR SITE LISTED BELOW.

[Signature] DRIVER SIGNATURE 080411 SHIPMENT DATE [Signature] DRIVER SIGNATURE 080411 DELIVERY DATE

**DESTINATION**

SITE NAME: **EL CENTRO LANDFILL** PHONE: **(361) 767-7905**

SITE LOCATION: **3189 CR 69, ROBSTOWN, TEXAS 78380**

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

           NAME OF AUTHORIZED AGENT            SIGNATURE            DATE

**TEXAS NON-HAZARDOUS SPECIAL WASTE MANIFEST**

**GENERATOR**

GENERATOR NAME Weston Solutions GENERATING LOCATION Weston Solutions

ADDRESS 5599 San Felipe ADDRESS Donna Park  
Houston TX 77056 Corpus Christi TX 7840

PHONE NO. 

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 DESCRIPTION OF WASTE soil w/metal concerns QUANTITY 

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Signed as Offeror in the course & scope of the contractual performance or service on behalf of the TCEQ, as required by a State contract.

REPUBLIC WASTE CODE 

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I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state and federal regulations. This material(s) has been properly described, classified and packaged, and is in proper condition for transportation according to applicable state and federal regulations.

GENERATOR AUTHORIZED AGENT NAME [Signature] SIGNATURE [Signature] SHIPMENT DATE Aug 5 2011

**TRANSPORTER**

TRUCK NO. 3025 PHONE NO. 361 882 1878

TRANSPORTER NAME Allied Waste DRIVER NAME (PRINT) [Signature]

ADDRESS 4414 Agnes VEHICLE LICENSE NO./STATE  

Corpus Christi TX 78405 STATE TRANSPORTER ID NO. 84731

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE GENERATOR SITE LISTED BELOW.

DRIVER SIGNATURE [Signature] SHIPMENT DATE 08-05-11 DRIVER SIGNATURE [Signature] DELIVERY DATE 08-05-11

**DESTINATION**

SITE NAME: EL CENTRO LANDFILL PHONE: (361) 767-7905

SITE LOCATION: 3189 CR 69, ROBSTOWN, TEXAS 78380

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

NAME OF AUTHORIZED AGENT   SIGNATURE   DATE 

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**TEXAS NON-HAZARDOUS SPECIAL WASTE MANIFEST**

**GENERATOR**

GENERATOR NAME Weston Solutions GENERATING LOCATION Weston Solutions

ADDRESS 5599 San Felipe ADDRESS Donna Park  
Houston TX 77056 Corpus Christi TX 7840

PHONE NO. 7 1 3 9 8 5 6 7 2 6 STATE GENERATOR ID NUMBER           

T.W.C. NO.            DESCRIPTION OF WASTE soil w/metal concerns QUANTITY 25 UNITS Y

REPUBLIC WASTE CODE            4 1 7 4 1 1 1 0 8 3 6  
Signed as Offeror in the course & scope of the contractual performance or service on behalf of the  
TCEQ, as required by a State contract.

REPUBLIC WASTE CODE             
REPUBLIC WASTE CODE             
REPUBLIC WASTE CODE           

- D - DRUM
- C - CARTON
- B - BAG
- T - TRUCK
- P - POUNDS
- Y - YARDS
- O - OTHER

I hereby certify that the above named material s not a hazardous waste as defined by 40 CFR Part 261 or any applicable state and federal regulations. This material(s) has been properly described, classified and packaged, and is in proper condition for transportation according to applicable state and federal regulations.

GENERATOR AUTHORIZED AGENT NAME [Signature] SIGNATURE [Signature] SHIPMENT DATE Aug 18 2011

**TRANSPORTER**

TRUCK NO. 3025 PHONE NO. 361 882 1878  
TRANSPORTER NAME Allied Waste DRIVER NAME (PRINT) Oscar Ortega  
ADDRESS 4414 Agnes VEHICLE LICENSE NO./STATE             
Corpus Christi TX 78405 STATE TRANSPORTER ID NO. 84731

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE GENERATOR SITE LISTED BELOW.

DRIVER SIGNATURE [Signature] SHIPMENT DATE 080811 DRIVER SIGNATURE [Signature] DELIVERY DATE 080811

**DESTINATION**

SITE NAME: **EL CENTRO LANDFILL** PHONE: **(361) 767-7905**  
SITE LOCATION: **3189 CR 69, ROBSTOWN, TEXAS 78380**

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

NAME OF AUTHORIZED AGENT            SIGNATURE            DATE

**TEXAS NON-HAZARDOUS SPECIAL WASTE MANIFEST**

**GENERATOR**

GENERATOR NAME Weston Solutions GENERATING LOCATION Weston Solutions  
 ADDRESS 5599 San Felipe ADDRESS Donna Park  
Houston TX 77056 Corpus Christi TX 7840

PHONE NO. 7 1 3 - 9 8 5 6 7 2 6 STATE GENERATOR ID NUMBER           

T.W.C. NO.            DESCRIPTION OF WASTE soil w/metal concerns QUANTITY            UNITS Y

REPUBLIC WASTE CODE            4 1 7 4 1 1 1 0 8 3 6  
 Signed as Offeror in the course & scope of the contractual performance or service on behalf of the  
TCEQ, as required by a State contract.

- D - DRUM
- C - CARTON
- B - BAG
- T - TRUCK
- P - POUNDS
- Y - YARDS
- O - OTHER

REPUBLIC WASTE CODE                                              
 REPUBLIC WASTE CODE                                            

I hereby certify that the above named material s not a hazardous waste as defined by 40 CFR Part 261 or any applicable state and federal regulations. This material(s) has been properly described, classified and packaged, and is in proper condition for transportation according to applicable state and federal regulations.

GENERATOR AUTHORIZED AGENT NAME [Signature] SIGNATURE [Signature] SHIPMENT DATE Aug 2011

**TRANSPORTER**

TRUCK NO. 3025 PHONE NO. 361 882 1878  
 TRANSPORTER NAME Allied Waste DRIVER NAME (PRINT) Oscar Ortega  
 ADDRESS 4414 Agnes VEHICLE LICENSE NO./STATE BC00290  
Corpus Christi TX 78405 STATE TRANSPORTER ID NO. 84731

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE GENERATOR SITE LISTED BELOW.

DRIVER SIGNATURE [Signature] SHIPMENT DATE 080211 DRIVER SIGNATURE [Signature] DELIVERY DATE 080211

**DESTINATION**

SITE NAME: **EL CENTRO LANDFILL** PHONE: **(361) 767-7905**  
 SITE LOCATION: **3189 CR 69, ROBSTOWN, TEXAS 78380**

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

NAME OF AUTHORIZED AGENT            SIGNATURE            DATE