AFFECTED PROPERTY ASSESSMENT REPORT

SOLID WASTE MANAGEMENT UNIT B-2 CAMP STANLEY STORAGE ACTIVITY



Prepared for: Camp Stanley Storage Activity Boerne, Texas

Prepared by: **PARSONS** Austin, Texas

June 2020

Project Overview

Historical munitions and explosives of concern (MEC) and munitions debris (MD) have been discovered throughout Camp Stanley Storage Activity (CSSA). Many of these discoveries were associated with disposal activities, rather than live-fire training activities. Four munitions-related sites, SWMUs B-2, B-8, B-20/21, and B-24 are located in the North Pasture. The North Pasture encompasses approximately 876 acres in the northeast portion of CSSA's Outer Cantonment (Figure 1A-1). In 2012, these four sites were grouped with Range Management Unit 1 (RMU-1) as they are within or partially within the active firing range ricochet area (USEPA, 2012). These sites with potential MC remaining in soil were to be addressed under a separate investigation when the range is no longer active.

SWMU B-2 is a 2.6-acre site located in the southwest portion of the North Pasture. Historical records indicate the site was a munitions waste disposal area that consisted of two clearly identifiable trenches, and a third area of waste disposal to the immediate north of the two linear trenches. The presence of the trenches was confirmed during a field investigation.

Previous investigations performed at SWMU B-2 included a geophysical survey (Parsons, 1995a), soil borings (Parsons, 1995b), a soil gas survey (Parsons, 1996a), an unexploded ordnance (UXO) survey with associated excavations (Parsons, 2002a), the excavation of contaminated media and soil from the trenches in May 2004, and additional soil sampling and localized excavation in March 2008. Surface soil and X-ray fluorescence (XRF) sampling was conducted in 2010 to further delineate the horizontal extent of munitions constituent (MC) related soil contamination.

In 2019, CSSA secured funding to investigate sites with historical soil contamination that are not yet closed under Texas Commission on Environmental Quality (TCEQ) rules. SWMU B-2 was identified as a candidate for closure for MC contamination in soil. Much of the site is outside the active range ricochet area and therefore, contamination from range activities is expected to be insignificant and is not expected to impact SWMU B-2 in the future. Geophysical surface sweeps will be conducted to address any remaining MD at SWMU B-2 and other sites adjacent to the ricochet area following range closure.

Affected Property Assessment Report

Regulatory Citation

30 TAC §350.91

Abbreviations and Acronyms

APAR – Affected Property Assessment Report BFZ – Balcones Fault Zone bgs - feet below ground surface **CAPMs** - Corrective Action Project Managers COCs - contaminants of concern CSSA – Camp Stanley Storage Activity DNT - dinitrotoluene ERA - Ecological Risk Assessment FSP - Field Sampling Plan GCWA - Golden-Cheeked Warbler GWBU - groundwater-bearing unit HCSM – Hydrogeologic Conceptual Site Model LDCP – laboratory data package cover page LEL - Lower Explosive Limit LGR - Lower Glen Rose MC - munitions constituents **MD** – munitions debris MEC - munitions and explosives of concern mg/kg - milligrams per kilogram MQL - method quantitation limit NAPL - non-aqueous phase liquid NOR – notice of registration PCLE - protective concentration level exceedance PCLs - Protective Concentration Limits

QAPP – Quality Assurance Project Plan

RAL – Residential Assessment Level RBELs – risk-based exposure limit **RCASs** – Registered Corrective Action Specialists RCRA - Resource Conservation and Recovery Act RFI - RCRA Facility Investigation SAM – soil attenuation model SLERA - Screening Level Ecological Risk Assessment SSERA - Site-Specific Ecological Risk Assessment SVOCs - semivolatile organic compounds SWMU -Solid Waste Management Unit TAC – Texas Administrative Code TCEQ - Texas Commission on Environmental Quality TPH – total petroleum hydrocarbon TRRP – Texas Risk Reduction Program TSCA - Toxic Substances Control Act UCL - Upper Confidence Limit **UGR** – Upper Glen Rose **USEPA** – U.S. Environmental Protection Agency USGS - U.S. Geological Survey **UTL** – Upper Tolerance Limit UXO - unexploded ordnance VOCs - volatile organic compounds XRF - X-ray fluorescence

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Cover Page

Program ID No. (primary):	None assig	ned			Repor	t date: June 1, 2020
TCEQ Region No.:	13		MSD Ce	rtificate No.:		
Additional Program ID Numbe	ers.: SWR	R/Facility ID No.:	69026	5 —	PST Facility	ID No.: N/A
DCRP ID No.: N/A		VCP ID No.:	N/A		LPST	ID No.: N/A
MSW Tracking No.: N	/A	HW Permit/0	CP No.:	N/A	Enforcement ID	No.: N/A
Other ID Nos.: U.S. Env	vironmental Protection	Agency (USEPA) F	acility Ide	ntification No.	TX2210020739	
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Reason for submittal (check	all that apply):	Notice of De	eficiency L	etter	Enforcemen	t/Agreed order
Initial submittal Revision		Permit/Com	ipliance P	lan	Directive/N	DV letter
		voluntary re	sponse		other	
		On-Site Prope	rty Inform	ation		
On-Site Property (Facility) Nar	me: Camp Star	nley Storage Activ	ity, Solid V	Waste Manage	ment Unit B-2	
Street no. 25800	Pre dir:	Street name:	Ralph	Fair	Street type:	Road Post dir:
City: Boerne	County: _	Bexar		County	/ Code15	Zip:78015
Nearest street intersection a	nd location description:	: CSSA main (entrance I	ocated ½ mile	east of intersectio	n of Ralph Fair Road and
		interstate in	igilway IC			
Latitude: Decimal Degrees (in	ndicate one) North	29.7137	42		-2	
Longitude: Decimal Degrees	(indicate one) West	-98.614	4312			
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	Contact Person fo	or Un-Site Propert	y informa	tion and Ackno	owledgment	
Company Name or Person:	U.S. Army Camp S	Stanley Storage Ad	ctivity			
Contact Name: Mr.	Glenn Moore		<u>v. 5 v</u>	Title:	Installation Mar	hager
Mailing Address: 2	5800 Ralph Fair Road					
City: Boerne	Sta	ite: <u>TX</u>	Zip: <u>78</u>	015	Phone: (21)	0) 295-7416
Email: Thomas.G.Moo	pre.civ@mail.mil		Fax:	(210) 29	5-7386	
Person Is: Property Owr	her Property Mana	ager Potent	tial Purcha	aserTe	enantOp	erator
other Installation M	Manager					
By my signature below, I ackr parties who are required to be intentionally misleading, or fa critical decisions which reaso imposition of administrative,	owledge the requireme e provided information il to submit available ir nably would have been civil, or criminal penalti	ent of §350.2(a) t under this chapte nformation which i influenced by the ies.	hat no pe er which th is critical at informa	rson shall subi ney know or rea to the understa tion. Violation	nit information to t asonably should ha anding of the matte of this rule may su	he executive director or to ve known to be false or er at hand or to the basis of bject a person to the
Signature of JM. K	Llenn Moo	Nam (print	e t):	T. Glenn Moc	ore	Date: 10/29/20
		Consultant C	ontact F	erson		
Consultant Company Name:	Parsons					
Contact Person:	Julie Burdey, P.G.			Title:	Project Manage	r
Mailing Address:	9101 Burnet Rd. Ste	210				
City: Austin		Stat	e:	ТХ	Zip:	78758
Phone: (512) 719	-6062 Fax:	(512) 719-6099)	E-mail addr	ess iulie	.burdey@parsons.com

Professional Signatures and Seals

Professional Geoscientist		
Laura Marbury. PG	992	June 30. 2020
Professional Gooscientist	Geoscientist License Number	Expiration date
Signature	Date	
.512) 719-6855 Telephone number	(512) 719-6099	E-mail
	Transmoor.	Lindu
Professional Engineer		
Professional Engineer	P.E. License number	Expiration date
Signature	Date	
Telephone number	FAX number	E-mail
Registered Corrective Action Sp For LPST sites only.	ecialists (RCASs) and Corrective	e Action Project Managers (CAPMs)
Registered Corrective Action Specialist	RCAS Registration number	Expiration date
Signature	Date	
Corrective Action Project Manager	CAPM Registration number	Expiration date
Signature	Date	
Telephone number	FAX number	E-mail
Seals, as applicable:		

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Executive Summary

Environmental Media	Actual or Probable Exposures On-Site?		Actual or Prob Off	bable Exposures -Site?	Have notifications for actual or probable exposures been completed? (§350.55(e))		
	Yes	No	Yes	No	Yes	No	N/A
Soil	\checkmark			✓			✓
Groundwater		✓		✓			✓
Sediment		✓		✓			✓
Surface Water		✓		\checkmark			\checkmark

Did the affected property pass the Tier 1 ecological exclusion criteria checklist?

Affected groundwater-bearing unit(s) (in order from depth below ground surface), or uppermost groundwaterbearing unit if none affected

Unit No.	Name	Depth below ground surface (ft)	Resource Classification (1, 2, or 3)
1	Upper Glen Rose	Estimated at 50 feet below ground surface	3
2			
3			

Assessment

Environmental Media Assessment Levels Exceeded?						!?	Affected property			Is COC extent	General classes	
		On-Site?			Off-Site?			defined to RAL?			stable or	of COCs (VOCs
		Yes	No	Not sampled	Yes	No	Not sampled	Yes	No	N/A	expanding	etc.)
Soil	Surface		✓				✓			✓	Stable	Metals
	Subsurface		✓				\checkmark			✓	Stable	Metals
Groundwater			✓				\checkmark			✓	N/A	N/A
Sedim	ent			✓			\checkmark			✓	N/A	N/A
Surfac	e Water			\checkmark			√			✓	N/A	N/A

NAPL Occurrence Matrix

		NAPL Occurrence	Description				
	~	No NAPL in vadose zone	There is no direct or indirect evidence of NAPL in the vadose zone				
NAPL in		NAPL in/on soil	NAPL detected in or on unsaturated, unconsolidated clay-, silt-, sand-, and/or gravel-dominated soils				
vadose zone		NAPL in fractured clay	NAPL detected in fractures of unsaturated fine-grained soils				
		NAPL in fractured or porous rock	NAPL detected in unsaturated lithologic material				
		NAPL in karst	NAPL detected in karst environment				
NAPL at	✓	No NAPL at capillary fringe	There is no direct or indirect evidence of NAPL at the capillary fringe				
capillary fringe		NAPL at capillary fringe	NAPL detected at vadose-saturated zone transition, capillary fringe (in contact with water table)				
	~	No NAPL in saturated zone	There is no direct or indirect evidence of NAPL in the saturated zone				
NADL in		NAPL in soil	NAPL detected in saturated unconsolidated clay-, silt-, sand-, and/or gravel-dominated soils				
saturated		NAPL in fractured clay	NAPL detected in fractures of saturated fine-grained soil or other double-porosity sediments				
zone		NAPL in saturated fractured or porous rock	NAPL detected in saturated lithologic material				
		NAPL in saturated karst	NAPL detected in karst environment within the saturated zone				
	✓	No NAPL in surface water or sediment	There is no direct or indirect evidence of NAPL in surface water or sediments				
NAPL in surface water		NAPL in surface water	NAPL detected in surface water at exceedance concentration levels or visual observation				
or sediment		NAPL in sediments	NAPL detected in sediments at exceedance concentration levels or visual observation via migration pathway or a direct release				

Remedy Decision

Environmental Media		Crit exceec	Critical PCL Critical PCL exceeded on-site? exceeded off- site?		PCLE zones defined?			General class (VOCs, SVOCs, metals, etc.) of COCs requiring remedy			
		Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Soil	Surface		✓			✓				✓	None
	Subsurface		√			✓				✓	None
Ground	water			✓			\checkmark			✓	N/A
Sedime	nt			✓			✓			~	N/A
Surface	Water			✓			\checkmark			✓	N/A

NAPL Triggers

	NAPL Response Action Triggers	Description of Triggers
~	No NAPL response action triggers	No NAPL triggers have been observed in any assessment zones (vadose, capillary fringe and saturated), nor in surface water or sediments
	NAPL vapor accumulation is explosive	NAPL vapors accumulate in buildings, utility and other conduits, other existing structures, or within anticipated construction areas at levels that are potentially explosive (\geq 25% LEL)
	NAPL zone expanding	NAPL zone is observed to be expanding using time-series data
	Mobile NAPL in vadose zone	NAPL zone is observably mobile, or is theoretically mobile based on COC concentrations and residual saturation
	NAPL creating an aesthetic impact or causing nuisance condition	NAPL is responsible for objectionable characteristics (e.g., taste, odor, color, etc.) resulting in making a natural resource or soil unfit for intended use
	NAPL in contact with Class 1 groundwater	NAPL has come in actual contact with saturated zone or capillary fringe of a Class 1 GWBU
	NAPL in contact with Class 2 or 3 groundwater	NAPL has come in actual contact with saturated zone or capillary fringe of a Class 2 or Class 3 GWBU
	NAPL in contact with surface water	Liquid containing COC concentrations that exceed the aqueous solubility in contact with surface water via various migration pathways or direct release to surface water
	NAPL in or on sediments	Liquid containing COC concentrations that exceed the aqueous solubility impact surface water sediments via migration pathway or a direct release

Conclusions and Recommendations

Assessment Results

The affected property assessment performed at Solid Waste Management Unit 2 (SWMU B-2) at Camp Stanley Storage Activity (CSSA) confirmed that a series of excavations removed all affected media from the former disposal trenches and soil within the SWMU B-2 boundary. Delineation of contaminants of concern (COCs) was accomplished to critical Protective Concentration Levels (PCLs).

All COCs other than those listed in the following tables were either not detected or were detected at concentrations below their respective Residential Assessment Level (RAL). A Tier 2 PCL for the soil-to-groundwater exposure pathway (^{Gw}Soil_{Ing}) was derived for lead which had concentrations exceeding the Tier 1 ^{Gw}Soil_{Ing} PCL, and a Tier 2 ecological PCL was derived for zinc which had concentrations at SWMU B-2 do not exceed critical human health or ecological Tier 1 or 2 PCLs and so no PCL exceedance zone exists at the site. Maximum COC concentrations remaining in place at SWMU B-2 are summarized in the tables below.

	COC C Ca	COC Concentrations in Surface Soil at SWMU B-2 Camp Stanley Storage Activity Boerne, TX								
сос	Maximum Concentration Prior to Excavation (year sampled) (mg/kg)	Maximum or Representative Concentration Remaining in Soil ^{a/} (mg/kg)	Residential Assessment Level (mg/kg)							
Barium		185	300							
Cadmium	2.43 M (2004)	2.43 M	3							
Chromium, Total	25.7 (2004)	25.7	40.2							
Copper	15.7 J (2010)	15.7 J	70							
Lead	10, 351 (2005)	373.26 M	500							
Nickel	16.13 (2004)	16.13	79							
Zinc	390.9 (2010)	121.4	155.8							

^{a/} A representative concentration (95% Upper Confidence Limit) was calculated for zinc only. J = the detected concentration was above the detection limit and below the reporting limit; M = a matrix effect was present; mg/kg = milligrams per kilogram

COC Concentrations in Subsurface Soil at SWMU B-2 Camp Stanley Storage Activity Boerne, TX						
сос	Maximum Concentration Remaining in Soil % (mg/kg)	Residential Assessment Level (mg/kg)				
Cadmium	1.5 B	3				
Chromium, Total	9.3 F	1200				
Lead	48.49 M	84.5				
Nickel	7.14 J	79				

^{a/} B = detected in laboratory blank sample; F and J = the detected concentration was above the MDL and below the RL; M = a matrix effect was present; mg/kg = milligrams per kilogram

NAPL Discussion

No non-aqueous phase liquid (NAPL) was encountered at SWMU B-2.

Response Actions and Recommendations

All residual or representative COC concentrations were reported within CSSA background levels or below Tier 1 or calculated Tier 2 PCLs following completion of excavation and removal activities at the site. Therefore, an affected property does not exist at SWMU B-2 and no additional remedial response is necessary.

Much of the site is outside the active range ricochet area and therefore, contamination from range activities is expected to be insignificant and is not expected to impact SWMU B-2 in the future. Geophysical surface sweeps will be conducted to address any remaining MD at SWMU B-2 and other sites outside the ricochet area following range closure.

Figure A - Affected Property and PCLE Zone Map

Figure A shows sampling locations at SWMU B-2. No affected media remain so no affected property or PCL Exceedance (PCLE) Zone exists at SWMU B-2.



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Chronology

Year	Action/Results
1954	 Small arms ammunition burned in two trenches on the site.
1978	 First indication of trenches at SWMU B-2 visible on aerial photo.
1992	Reviewed available records at CSSA during preliminary
	evaluation for groundwater contamination
1993	Environmental Assessment completed for
1995	Performed electromagnetic geophysical survey and identified five
	geophysical anomalies.
	 Performed ground-penetrating radar survey that provided vague indication of ground disturbance where electromagnetics clearly identified those disturbances
	 Drilled five soil borings (SB01-SB05) and collected soil/rock
	samples for analysis of metals, VOCs, and SVOCs. Collected
	groundwater grab samples from water that flowed into SB03 and
	SB05 following drilling. Results are summarized in the RFI Report
	(Parsons, 2002a).
	 Performed soil gas survey that found PCE at concentrations of less than 1 ug/L in samples.
1997	 Excavated two trenches to look for potential MEC. No MEC
	identified but some munitions debris (MD) was found.
2002	 RFI Report submitted, recommending additional stockpile sampling (Parsons, 2002a).
2003	 Initiated sampling and excavation activities in September as recommended by the RFI Report.
2004	 Collected 21 soil samples in January for analysis of metals,
	select VOCs, and explosives to confirm excavation of soil that
	exceeded background during the 1995 RFI sampling.
	Excavated approximately 3000 cubic yards of soil from the surface and tranches in May and June, Removed MD items
	collected 7 sidewall samples and 3 bottom samples for lead
	only. Excavated soils hauled out to Covel Gardens and backfilling
	of trenches.
	 Excavated areas where previous samples came back above
	background in November. Collected confirmation, surface soil,
	and stockpile samples for analysis of metals and explosives.
	Collected 8 additional site characterization surface soil samples
0005	in December for analysis of metals and explosives.
2005	Collected 13 additional site characterization samples for analysis of lead only.
2008	Analysis of fear only. Even stand five 2004/2005 comple leastings that even add
2008	 Exclavated five 2004/2005 sample locations that exceeded background for lead and collected confirmation samples in their
	place.
2010	Performed x-ray fluorescence (XRF) analysis at the site to
	determine the extent of metals in surface soils. Analysis
	performed on several soil samples to determine the correlation
	between XRF and laboratory results showed good correlation for
	lead and zinc.
	 Excavated one location that exceeded the reporting limit for 1,2- DNT is 2004 and collected 25 surface as it second to the second second
	DIVIT IN 2004 and collected 35 surface soil samples for analysis

Specialized Submittals Checklist

Check here if no specialized submittals in this report

	If included, specify section or appendix
Ecological Risk Assessment	•
Reasoned justification, expedited stream evaluation, Tier 2 or 3 ecological risk assessment, and/or proposal for ecological services analysis	Section 9, Appendix 9
Statistics	
Calculated site-specific background concentrations	Appendix 8
Used alternate statistical methods to determine proxy values for non-detected results (§350.51(n))	
Calculated representative concentrations (§350.79(2)) for remedy decision	Appendix 8
Analytical Issues	
Used SQL for assessment or critical PCL instead of the MQL (§350.51(d)(1)) or PCL (§350.79)	
The MQL of the analytical method exceeds assessment levels/critical PCLs (§350.54(e)(3))	
Human Health/Toxicology	
Variance to exposure factors approved by TCEQ Executive Director1 (§350.74(j)(2))	
Developed PCLs based on alternate exposure areas	
Evaluated non-standard exposure pathway (e.g., agricultural, contact recreation, etc.)	
Combined exposure pathways across media for simultaneously exposed populations ($\$350.71(j)$)	
Adjusted PCLs due to residual saturation, cumulative risk, hazard index, aesthetic concerns, or theoretical soil vapor	
Utilized non-default human health RBELs to calculate PCLs (includes use of non-default parameters, toxicity factors not published in rule, etc.) (§350.51(I), §350.73, §350.74)	
Calculated Tier 2 or 3 RBELs/PCLs or TSCA levels for polychlorinated biphenyls, or calculated Tier 2 or 3 RBELS/PCLs for cadmium, lead, dibenzo-p-dioxins, dibenzofurans, and/or polycyclic aromatic hydrocarbons	
Calculated Tier 1, 2, or 3 total petroleum hydrocarbon (TPH) PCLs	
Developed sediment/surface water human health RBELs and PCLs	
Fate and Transport	
Used or developed groundwater to surface water dilution factors	
Calculated Tier 2 PCL	Appendix 9
Calculated Tier 3 PCL	
Groundwater Issues	
Conducted aquifer test, classified Class 3 groundwater, or determined non-groundwater bearing unit (saturated soil)	

¹ Prior approval by Executive Director is required.

Section 1 Property Information

This section describes the environmental setting, the geology/hydrogeology, general operational history, the affected property, and sources of releases at SWMU B-2.

Section 1.2 Physical Location

Property Location and Land Use

CSSA is located in northwestern Bexar County, about 19 miles northwest of downtown San Antonio. The installation consists of approximately 4,004 acres immediately east of Ralph Fair Road, and approximately 0.5 mile east of Interstate Highway 10 (Figure 1A-1).

SWMU B-2 is approximately 2.6 acres in size and is located in the south-central portion of the North Pasture area of CSSA, as shown on **Figure 1A-2**. The site is relatively flat and open with sparse native grasses and occasional small native trees and brush. There are no buildings located on the site and no activities take place within the site boundary. It is located approximately 3,600 feet from the closest boundary of CSSA (to the northwest).

Topography

This site is located on the southwestern slope of a southwest trending topographic lobe (see **Figure 2C**). The average ground surface elevation at SWMU B-2 is 1,265 feet above sea level and surface water drainage is toward the west. The topographic lobe associated with SWMU B-2 is bounded to the north and south by southwest trending ephemeral creek beds associated with a tributary of Salado Creek (Figure 1A-2). The closest creek bed to the site, where bedrock outcrops, is located approximately 350 feet to the southeast. SWMU B-2 is not within the 100-year floodplain.

Weather

Rainfall and drought conditions strongly influence the groundwater levels in the CSSA monitoring wells, irrespective of the formation(s) in which the wells are screened. Generally, the average depths-to-water at CSSA range from approximately 70-300 feet below ground surface (bgs), dependent upon the land surface elevation. During periods of heavy precipitation, water levels have reached as high as 5 feet bgs (e.g., CS-MW21-LGR following a May 2016 flood event). During drought conditions groundwater elevations have been as deep as 378 feet bgs (CSMW5-LGR in September 2014). Over the past 25 years, the average depth to groundwater in wells surrounding SWMU B-2 is approximately 210 feet bgs.

Section 1.2 Affected Property and Sources of Release

History and Operations

Historical munitions and explosives of concern (MEC) and munitions constituents (MC) have been discovered throughout CSSA with the majority of munitions waste sites located within the North and East Pastures. The North Pasture encompasses approximately 876 acres in the northeast portion of CSSA's Outer Cantonment (Figure 1A-2 inset). Historical records indicate that SWMU B-2 was used as a burn and disposal area for small weapons and ammunition (Parsons, 1993) and a disturbed area is visible on a 1954 aerial photo (Figure 1A-3). Materials were disposed of within two shallow trenches and later were covered with soil. These trenches were approximately 250 feet long, oriented east to west (Parsons, 2002a).

Project Overview

Two disposal trenches were initially visible on aerial photos beginning in 1978 (Figure 1A-3). These trenches are oriented east to west and were likely used for burning small arms and small arms ammunition. The southern trench was approximately 215 feet long and the northern trench was approximately 250 feet long. Both trenches were about 12 feet across. The southern trench was

approximately 12 feet deep and the northern trench was approximately 5 feet deep. An additional smaller, shallow trenched area was also identified during field activities to the north of the previously identified northern trench.

Previous investigations performed at SWMU B-2 include the following (Figure 1B):

- an Environmental Assessment (Parsons, 1993);
- a geophysical survey (Parsons, 1995a);
- drilling of soil borings and collection of soil samples (Parsons, 1995b);
- a soil gas survey (Parsons, 1996a);
- an unexploded ordnance (UXO) survey with associated excavations (Parsons, 2002a);
- the excavation and disposal of waste and waste residue, and removal of all munitions debris (MD) from the site between September 2003 and November 2004.
- the excavation of contaminated soil from the 2004 field effort, and additional soil sampling and surface MD investigations in March 2008; and
- X-ray fluorescence (XRF) and surface sampling conducted in June and December 2010 to further delineate the horizontal extent of munitions-related soil contamination.

Following completion of the excavation activities listed above, all residual or representative COC concentrations were reported within CSSA background levels or below Tier 1 or calculated Tier 2 PCLs.

Section 1.3 Geology/Hydrogeology

CSSA is situated over Cretaceous age deposits of the Travis Peak and Glen Rose Formations of the Trinity Group (**Figure 1D**). The predominant structural feature in the area is the Balcones Fault Zone (BFZ) escarpment. SWMU B-2 is located on the Upper Glen Rose (UGR) (**Figure 1C**) which is the uppermost geologic stratum (averaging 50 feet thick) in the SWMU B-2 area. The UGR consists of beds of blue shale, limestone, and marly limestone, with occasional gypsum beds. The UGR is underlain by the Lower Glen Rose (LGR) (averaging 320 feet thick), which is a massive, fossiliferous, vuggy limestone that grades upwards into thin beds of limestone, marl, and shale. The LGR is underlain by the Bexar Shale facies of the Hensell Sand (averaging 60 feet thick).

At CSSA, the uppermost hydrologic layer is the unconfined Upper Trinity Aquifer, which consists of the UGR. Low-yielding perched zones of groundwater can exist in the UGR and shallow groundwater may be potentially encountered in limited marly units present within the UGR beneath SWMU B-2. Groundwater discharge from the UGR occurs predominantly via natural springs, seeps, and pumping.

The Upper Trinity Aquifer at CSSA is by default presumed to be hydraulically connected to the Middle Trinity Aquifer which is unconfined and functions as the primary source of groundwater at CSSA. It consists of the Lower Glen Rose Limestone, the Bexar Shale, and the Cow Creek Limestone. Principal recharge into the Middle Trinity Aquifer is via precipitation infiltration at outcrops which exist north of CSSA along Cibolo Creek and within the central and southwestern portions of the post. Groundwater flow within the Middle Trinity Aquifer is generally toward the south and southeast.

As discussed above, the nearest surface water body to SWMU B-2 is a small southwest-trending intermittent stream located approximately 290 feet southeast of the site. This small stream joins a tributary to Salado Creek at a location approximately 1,200 feet south of the site. Salado Creek exits the CSSA boundary almost 2 miles south of SWMU B 2.

Table 1A. Sources of Release

Affected property name/number1	Name of potential source ² (supplied by the person)	Type of potential source	NOR unit or SWMU number, if applicable	Substances of potential concern	Size of source (capacity, area, or volume)	Status of source		Was a release from this sou confirmed? (if yes, indicate the discove method from Column 4 or Inputs list, and date releas was discovered)			his source discovery nn 4 on e release ed)
						Status ³ :	If closed or other, list date closed or explain:	No	Yes	Discovery method	Date
SWMU B-2	Former range area	Other (burn and disposal area for small weapons and ammunition)	SWMU B-2	Metals		Inactive			x	Site Assess- ment	1993

Table 1B – Potential Off-Site Sources

Table 1B is not applicable as there are no off-site sources contributing to COCs at SWMU B-2.

Figure 1A-2 – On-Site Property Maps and Aerial Photographs

Figures 1A-1 through 1A-3 show the location of SWMU B-2 at CSSA, relevant physical features at the site, and immediately adjoining areas.

Figure 1B – Affected Property Map

Figures 1B-1 presents sample locations which characterize current COC conditions (i.e., post-excavation) at SWMU B-4. Affected soil and debris were removed from SWMU B-2 during a series of excavations between 2003 and 2010. No COCs remain at SWMU B-2 that exceed critical PCLs therefore, no affected property exists.

Figure 1C – Regional Geologic Map

Figure 1C is a regional geologic map obtained from the CSSA Hydrogeologic Conceptual Site Model (HCSM) (Parsons, 2006). The location of SWMU B-2 is shown on the map.

Figure 1D – Regional Geologic Cross Section

Figure 1D is a geologic cross section obtained from the CSSA HCSM (Parsons, 2006) that illustrates the regional stratigraphy of the area from the surface to the base of the principal regional water supply aquifers.

¹ The name or number is an identification of the affected property assigned by the person. Continue using the name or number identification throughout this report and all other correspondence on the affected property.

 $^{^{\}rm 2}$ The potential source is the source of the release.

³ Specify whether the source status is active, inactive, abandoned, closed, or specify another status as appropriate.







Scalebar for Aerial Photographs J:\CSSA\environmental_files\gisdata\mxd\B2-historical_photos.mxd

PARSONS



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GIS\mxds\b2-geology_map.mxd



Section 2 Exposure Pathways and Groundwater Resource Classification

This section discusses potential exposure pathways and the results of the receptor surveys conducted for this Affected Property Assessment Report (APAR). SWMU B-2 lies within the boundaries of CSSA, therefore research for the receptor survey was limited to review of existing TCEQ- and USEPA-approved documents. These documents are available on the installation's administrative record (Environmental Encyclopedia) website (www.stanley.army.mil), and included review of records for drinking water, agricultural supply, and monitoring wells and hydrogeologic data for CSSA. References used in this research are listed in **Appendix 16**.

Section 2.1 Source(s) of Potable Water for On-Site Property and Affected Off-Site Properties

CSSA obtains its drinking water supply from on-Post supply wells completed within the LGR member of the Middle Trinity Aquifer. No drinking water wells are located within 500 feet of the site (**Figure 2A-1**). The nearest water supply well to SWMU B-2 is well CS-12, located approximately 2,342 feet northwest (and upgradient) of SWMU B-2 (**Figure 2C**). Based on the distance to the nearest drinking water supply well from the site, no documented groundwater impact at the site, and the upgradient location of the well, there is no reasonable potential for COCs from SWMU B-2 to impact well CS-12. The nearest downgradient well is CS-MW16 which is 775 feet from the SWMU B-2 boundary.

Section 2.2 Field Receptor Survey

Components of the receptor survey were collected in conjunction with the 1993 Environmental Assessment as well as field investigations conducted between 1995 and 2010, detailed in Sections 3 and 4. Information collected included field observations of physical, geologic, and other features that could facilitate COC transport or exposure to receptors. A search for drinking water wells within the search radius was also performed. An aerial photographic map of the areas covered by the receptor survey is shown on Figure 2A-1. Current photos of SWMU B-2 showing pertinent site features and potential ecological habitat in the site vicinity are presented as **Figures 2B-1 through 2B-4**.

Previously published documents detailing receptor survey observations are available on the CSSA Environmental Encyclopedia website and included the following:

- Environmental Assessment (Parsons, 1993);
- Technical Memorandum on Surface Geophysical Surveys, Well 16 Source Characterization (Parsons, 1995a);
- Technical Memorandum on Soil Boring Investigation Well 16 Source Characterization (Parsons, 1995b);
- Technical Memorandum on Soil Gas Surveys (Parsons, 1996a); and
- Final SWMU B-2 Resource Conservation and Recovery Act (RCRA) Facility Investigation Report (Parsons, 2002a).

Section 2.3 Records Survey

The following documents were reviewed for this report and are available on the CSSA Environmental Encyclopedia website:

• Final Hydrogeologic Conceptual Site Model for CSSA (Parsons, 2008);

- Final Work Plan Ecological Risk Assessment for North Pasture (Parsons, 2008);
- Baseline Risk Assessment (Parsons, 2014);
- Species and Habitat Distributions of Black-Capped Vireos and Golden-Cheeked Warblers, 2019 Breeding/Nesting Season (Parsons, 2019); and
- Current CSSA water well and monitoring well data.

Section 2.4 Receptor Survey Results

The average ground surface elevation at SWMU B-2 is 1,265 feet above sea level. Surface water drainage is toward the west. The topographic lobe associated with SWMU B-2 is bounded to the north and south by southwest trending ephemeral creek beds associated with a tributary of Salado Creek (Figure 1A-2). The closest creek bed to the site is located approximately 290 feet to the southeast. The site vegetation is predominantly sparse native grasses with occasional small trees and bushes. Bedrock outcrops are present within the creekbed (Parsons, 2002a). Current land use within the 500-foot receptor survey radius is open space.

No drinking water wells are located within 500 feet of the site (Figure 2A). The nearest water supply well to SWMU B-2 is well CS-12, located approximately 2,342 feet northwest (and upgradient) of the site (**Table 2A**). Numerous environmental monitoring wells associated with SWMU B-3 to the south are located outside the 500-foot receptor survey radius and within the $\frac{1}{2}$ -mile radius (Figure 2C).

Visitors allowed access to the SWMU B-2 area are limited to CSSA operations and grounds-keeping personnel, seasonal hunters, and other CSSA-approved transient personnel. Since affected media were removed from the site during the excavations, there is no reasonable potential for adverse future exposure to human or ecological receptors to site COCs (see Section 2.6).

There are 269 acres of Golden-Cheeked Warbler (GCWA) habitat within a ½-mile radius of SWMU B-2, and 13.2 acres are currently present within the 500-foot receptor survey area (**Figure 2A-2**).

Based on information obtained during the records review and site reconnaissance, there is no reasonable potential for future adverse exposure to receptors from COC concentrations remaining at SWMU B-2 following investigation and excavation activities because:

- Excavations at the site removed COCs to background levels or Tier 1/Tier 2 human health RALs and therefore the potential for adverse exposure to human receptors at the site has been eliminated (see Section 4).
- The nearest drinking water supply well to SWMU B-2 is well CS-12, located approximately 2,342 feet upgradient of SWMU B-2. Non-potable or environmental monitoring wells within ¹/₂ mile of the site (Figure 2C) are properly constructed in a manner which would preclude them as a potential COC migration pathway. The majority of these wells are associated with monitoring efforts at SWMU B-3 to the south, and none were installed for the purpose of specifically monitoring COCs at SWMU B-2.
- Habitat attractive to wildlife exists along the fringes of SWMU B-2, including habitat for the GCWA, a federal endangered species (Figure 2A-2). However, the potential for future adverse exposure to ecological receptors has been mitigated by removal of COCs in surface soil to CSSA background levels or to concentrations or a 95% Upper Confidence Limit (UCL) less than Tier 1 or Tier 2 ecological Protective Concentration Limits (PCLs).

Section 2.5 Groundwater Resource Classification

Shallow groundwater at SWMU B-2 is part of the Upper Trinity Aquifer, and per Texas Risk Reduction Program (TRRP) guidance is classified as a Class 3 groundwater resource due to extremely low sustainable flow rates (Texas Administrative Code [TAC] §3S0.52(3)). Practical field experience

indicates that perched groundwater zones within the Upper Glen Rose Limestone at CSSA are sporadically located and contain very little water, if any.

Section 2.6 Exposure Pathways

Prior to a series of excavations, potentially complete exposure pathways at SWMU B-2 included soilto-groundwater (^{Gw}Soil_{Ing}) for various metals and direct exposure (^{Tot}Soil_{Comb}) for human and ecological receptors. Investigation and excavation activities at the site focused on assessing, eliminating or mitigating these exposure pathways. Removal and vertical delineation of COCs to Tier 1/Tier 2 residential or ecological PCLs or to background was accomplished in these areas.

Shallow groundwater was encountered in two subsurface borings during the 1995 RFI. Groundwater grab samples collected from the open borings were analyzed for VOCs, SVOCs, and metals, and all analyte concentrations were below Tier 1 residential PCLs for Class 3 groundwater ($^{GW}GW_{Class3}$) (Parsons, 2002a). There are no drinking water wells present at the site, and therefore the groundwater ingestion ($^{GW}GW_{Ing}$) pathway is also not complete.

Salado Creek is not expected to have been impacted in the past from affected sediment runoff from SWMU B-2 due to the distance from the creek of the affected surface soil, low ground surface gradient (0.04) along the drainage pathway, and abundant ground vegetation between the affected area and the creek. Therefore, the surface water/sediment exposure pathways are not complete at SWMU B-2.

Table 2A. Water Well Summary

Well no. / designation	Well owner's	Distance from	Screened	Cemented	Completion	Total	Date	Producing	Current	Current	Data
	name of	affected property	interval/open	interval (ft)	type	depth	drilled	formation	water use ¹	status ²	source ³
	record	(ft)	interval (ft)								
Downgradient Wells											
B3-EXW01	CSSA	1430	199 - 345	0 - 199	Stick up	345		LGR	MW	Act	Well Rpt
B3-EXW02	CSSA	2129	65 - 358	0 - 65	Stick up	358		LGR	MW	Act	Well Rpt
B3-EXW03	CSSA	1303	65 - 340	0 - 65	Stick up	340		LGR	MW	Act	Well Rpt
B3-EXW04	CSSA	1941	55 - 335	0 - 55	Stick up	335		LGR	MW	Act	Well Rpt
B3-EXW05	CSSA	1424	90 - 380	0 - 90	Stick up	380		LGR	MW	Act	Well Rpt
CS-2	CSSA	2483	205 - 350	0 - 205	Stick up	350.0		LGR	MW	Act	Well Rpt
CS-3	CSSA	2287	205 - 327.9	0 - 205	Stick up	327.9		LGR	MW	Act	Well Rpt
CS-4	CSSA	1979	200 - 251.5	0 - 200	Stick up	251.5		LGR	MW	Act	Well Rpt
CS-D	CSSA	841	205 - 263	0 - 205	Stick up	263		LGR	MW	Act	Well Rpt
CS-B3-MW01	CSSA	984	277 - 287	0 - 277	Stick up	287		LGR	MW	Act	Well Rpt
CS-B3-MW02	CSSA	1334	260 - 300	0 - 260	Stick up	300		LGR	MW	Act	Well Rpt
CS-B3-MW03	CSSA	1276	17 - 37	0 - 17	Stick up	37		UGR	MW	Act	Well Rpt
CS-B3-MW04	CSSA	1247	260 - 300	0 - 260	Stick up	300		LGR	MW	Act	Well Rpt
CS-B3-MW26-UGR	CSSA	1090	7.5 - 17.5	0 - 7.5	Stick up	17.5		UGR	MW	Act	Well Rpt
CS-B3-MW27-UGR	CSSA	1437	7 - 17	0 - 7	Stick up	17		UGR	MW	Act	Well Rpt
CS-B3-MW28-UGR	CSSA	1740	5.5 - 15.5	0 - 5.5	Stick up	15.5		UGR	MW	Act	Well Rpt
CS-B3-MW29-UGR	CSSA	1850	7.5 - 17.5	0 - 7.5	Stick up	17.5		UGR	MW	Act	Well Rpt
CS-B3-MW30-UGR	CSSA	1970	10.8 - 20.8	0 - 10.8	Stick up	20.8		UGR	MW	Act	Well Rpt
CS-B3-MW31-UGR	CSSA	1516	16 - 36	0 - 16	Stick up	36		UGR	MW	Act	Well Rpt
CS-B3-MW32-UGR	CSSA	1257	26 - 56	0 - 26	Stick up	56		UGR	MW	Act	Well Rpt
CS-B3-MW33-UGR	CSSA	995	6 - 26	0 - 6	Stick up	26		UGR	MW	Act	Well Rpt
CS-B3-MW34-UGR	CSSA	965	12 - 22	0 - 12	Stick up	22		UGR	MW	Act	Well Rpt
CS-MW3-LGR	CSSA	2431	402 - 427	0 - 402	Stick up	427		LGR	MW	Act	Well Rpt
CS-MW16-CC	CSSA	775	406 - 431	0 - 406	Stick up	431		CC	MW	Act	Well Rpt
CS-MW16-LGR	CSSA	783	199 - 310	0 - 199	Stick up	310		LGR	MW	Act	Well Rpt
CS-MW24-LGR	CSSA	1624	300 - 325	0 - 300	Stick up	325		LGR	MW	Act	Well Rpt
CS-MW25-LGR	CSSA	913	352 - 377	0 - 352	Stick up	377		LGR	MW	Act	Well Rpt
CS-WB05	CSSA	954	Multi-Port	Multi-Port	Stick up	480		LGR, BS, CC	MW	Act	Well Rpt
CS-WB06	CSSA	1637	Multi-Port	Multi-Port	Stick up	333		UGR, LGR	MW	Act	Well Rpt
CS-WB07	CSSA	1258	Multi-Port	Multi-Port	Stick up	335		UGR, LGR	MW	Act	Well Rpt
CS-WB08	CSSA	1288	Multi-Port	Multi-Port	Stick up	355		UGR, LGR	MW	Act	Well Rpt

¹ Current water use: Dom - domestic; PS - public supply/municipal; Ind - industrial; Comm - commercial; Irr - irrigation; Liv – livestock; MW – monitoring well ² Current status: Act - active; Ab - abandoned/not in use; SB - standby/backup; P&A - plugged and abandoned

³ Indicate the specific primary source of well information.

Well no. / designation	Well owner's	Distance from	Screened	Cemented	Completion	Total	Date	Producing	Current	Current	Data
	name of	affected property	interval/open	interval (ft)	type	depth	drilled	formation	water use ¹	status ²	source ³
	record	(ft)	interval (ft)								
Cross-gradient Wells											
CS-MW9-BS	CSSA	1460	352 - 377	0 - 352	Stick up	377		BS	MW	Act	Well Rpt
CS-MW9-CC	CSSA	1444	425 - 450	0 - 425	Stick up	450		CC	MW	Act	Well Rpt
CS-MW9-LGR	CSSA	1477	296 - 321	0 - 296	Stick up	321		LGR	MW	Act	Well Rpt
Upgradient Wells											
CS-12	CSSA	2342	149 - 460	0 - 149	Sitck up	460		LGR	PS	Act	Well Rpt

Table 2B - Affected Water Well Summary

Table 2B is not applicable. No water wells at CSSA are affected or threatened by conditions at SWMU B-2.

Table 2C - Complete or Reasonably Anticipated to be Complete Exposure Pathways

Following removal of affected soil and development of Tier 2 PCLs, there are no receptor exposure pathways reasonably anticipated to be complete at SWMU B-2.

	, or recasoriably	Anticipated to be	complete Exposu	ic i auiways
Exposure pathway	Surface soil ¹	Subsurface soil ²	Groundwater	Surface water/ sediment
^{Tot} Soil _{Comb} ³		NA		
^{Air} Soil _{Inh-V}	NA		NA	
^{GW} Soil _{Ing} or ^{GW} Soil _{Class3}				
^{GW} GW _{Ing} or ^{GW} GW _{Class3}				NA
^{Air} GWInh-∨				
^{sw} GW	NA	NA		
^{Sed} GW				
^{SW} SW or ^{Sed} Sed			NA	
Other (specify) ⁴				

Table 2C.	Complete or	Reasonably	Anticipated to	be Complete	Exposure Pathways

Figure 2A-1 - Potential Receptors Map

Figure 2A-1 presents an aerial view of the site and location of the 500-ft receptor survey boundary.

Figure 2A-2 – Golden Cheeked Warbler Habitat

Figure 2A-2 presents the GWCA habitat as of August 2019 (Parsons, 2019).

Figure 2B - Field Survey Photographs

Photographs showing various vantage points at SWMU B-2 are shown on Figures 2B-1 through 2B-4.

Figure 2C - Water Well Map

Figure 2C illustrates the locations of the water wells, including those located within both the 500-foot receptor survey radius and one half-mile radius of SWMU B-2.

Attachment 2A - Tier 1 Ecological Exclusion Criteria Checklist

A Tier 1 Ecological Exclusion Criteria Checklist is included as Attachment 2A.

Attachment 2B - Tier 1 Ecological Exclusion Criteria Supporting Documentation

Part III attachment included as Attachment 2B.

¹ Residential: soils from 0-15 feet deep, or to bedrock or groundwater-bearing unit if shallower.

Commercial/industrial: soils from 0-5 feet deep, or to bedrock or groundwater-bearing unit if shallower.

² The vadose zone beneath the surface soil extending to the groundwater-bearing unit, and including unsaturated zones between stratified groundwater-bearing units.

³ Residential: ^{Air}Soil_{Inh-VP} + ^{Soil}Soil_{Ing} + ^{Soil}Soil_{Derm} + ^{Veg}Soil_{Ing}

Commercial/industrial: ^{Air}Soil_{Inh-VP} + ^{Soil}Soil_{Ing} + ^{Soil}Soil_{Derm}

⁴ If other exposure pathways are identified here, include those pathways in the derivation of assessment levels and evaluation of critical PCLs.

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Figure 2B-1. SWMU B-2 Facing Northeast



Figure 2B-2. SWMU B-2 Facing Northwest



Figure 2B-3. SWMU B-2 Facing Southeast



Figure 2B-4. SWMU B-2 Facing Southwest



Attachment 2A. Tier 1 Exclusion Criteria Checklist

PART I. Affected Property Identification and Background Information

1) Provide a description of the specific area of the response action and the nature of the release. Include estimated acreage of the affected property and the facility property, and a description of the type of facility and/or operation associated with the affected property. Also describe the location of the affected property with respect to the facility property boundaries and public roadways.

SWMU B-2 is a 2.6-acre site located in the southwest portion of the North Pasture (see Figure 1A). Historical records indicate that SWMU B-2 was used as a burn and disposal area for small weapons and ammunition. Materials were disposed of within two shallow trenches and later were covered with soil. These trenches were approximately 250 feet long, oriented east to west. The site consists of a relatively flat, open area dominated by sparse native grasses and occasional small native trees and brush. The site is approximately 3,600 feet from the closest boundary of CSSA (to the northwest)

Attach available United States Geological Survey (USGS) topographic maps and/or aerial or other affected property photographs to this form to depict the affected property and surrounding area. Indicate attachments: ______ Topo map _____ Aerial photo
 ✓ Other (specify) See Figures 2A and 2C in APAR, Section 2

2) Identify environmental media known or suspected to contain COCs at the present time. Check all that apply:

Known/Suspected COC Location	Based on sampling data?	?
✓ Soil <5 ft below ground surface	✓ Yes	No
✓ Soil >5 ft below ground surface	✓ Yes	No
Groundwater	Yes	No
Surface Water/Sediments	Yes	No

Explain (previously submitted information may be referenced):

Remaining COC concentrations in soil are below Tier 1 or Tier 2 PCLs, or in the case of zinc, below the 95% UCL.

3) Provide the information below for the nearest surface water body which has become or has the potential to become impacted from migrating COCs via surface water runoff, air deposition, groundwater seepage, etc. Exclude wastewater treatment facilities and stormwater conveyances/impoundments authorized by permit. Also exclude conveyances, decorative ponds, and those portions of process facilities that are:

- a. Not in contact with surface waters in the State or other surface waters which are ultimately in contact with surface waters in the State; and
- b. Not consistently or routinely utilized as valuable habitat for natural communities including birds, mammals, reptiles, etc.

The nearest surface water body is	288	feet/miles from the affected property and is named:
Unnamed tributary of Salado Creek		

The water body is best described as a:

✓	reshwater stream:					
	perennial (has water all year)					
	✓ intermittent (dries up completely for at least 1 week a year)					
	intermittent with perennial pools					
	reshwater swamp/marsh/wetland					
	altwater or brackish marsh/swamp/wetland					
	eservoir, lake, or pond; approximate surface					
	cres					
	Irainage ditch					
	idal stream bay estuary					
	ther: specify					

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Is the water body listed as a State classified segment in Appendix C of the current Texas Surface Water Quality Standards; §§307.1 - 307.10?

Yes Segment # Use Classification:

 If the water body is not a State classified segment, identify the first downstream classified segment.

 Name:
 Salado Creek

 Segment #:
 1910

 Use Classification:
 Freshwater Stream

As necessary, provide further description of surface waters in the vicinity of the affected property: **Not applicable.**

PART II. Exclusion Criteria and Supportive Information

Subpart A. Surface Water/Sediment Exposure

1) Regarding the affected property where a response action is being pursued under the TRRP, have COCs migrated and resulted in a release or imminent threat of release to either surface waters or to their associated sediments via surface water runoff, air deposition, groundwater seepage, etc.? Exclude wastewater treatment facilities and stormwater conveyances/impoundments authorized by permit. Also exclude conveyances, decorative ponds, and those portions of process facilities which are:

- a. Not in contact with surface waters in the State or other surface waters which are ultimately in contact with surface waters in the State; and
- b. Not consistently or routinely utilized as valuable habitat for natural communities including birds, mammals, reptiles, etc.

Yes 🖌 No

Explain:

All affected media have been removed from the site and no PCLE zone exists. The straight-line distance to the closest surface water body (intermittent stream tributary) is 288 feet from the boundary of SWMU B-2.

If the answer is yes to Subpart A above, the affected property does not meet the exclusion criteria. However, complete the remainder of Part II to determine if there is a complete and/or significant soil exposure pathway, then complete PART III - Qualitative Summary and Certification. If the answer is No, go to Subpart B.

Subpart B. Affected Property Setting

In answering "Yes" to the following question, it is understood that the affected property is not attractive to wildlife or livestock, including threatened or endangered species (i.e., the affected property does not serve as valuable habitat, foraging area, or refuge for ecological communities). (May require consultation with wildlife management agencies.)

1) Is the affected property wholly contained within contiguous land characterized by: pavement, buildings, landscaped area, functioning cap, roadways, equipment storage area, manufacturing or process area, other surface cover or structure, or otherwise disturbed ground?

Yes 🖌 No

Explain:

The site consists of a relatively flat, open area dominated by sparse native grasses and occasional small native trees and brush.

If the answer to Subpart B above is Yes, the affected property meets the exclusion criteria, assuming the answer to Subpart A was No. Skip Subparts C and D and complete PART III - Qualitative Summary and Certification. If the answer to Subpart B above is No, go to Subpart C.

Subpart C. Soil Exposure

1) Are COCs which are in the soil of the affected property solely below the first 5 feet beneath ground surface **or** does the affected property have a physical barrier present to prevent exposure of receptors to COCs in surface soil?

Yes 🖌 No

Explain:

All affected media above Tier 1 or Tier 2 PCLs have been removed from the site and no PCLE zone exists.

If the answer to Subpart C above is Yes, the affected property meets the exclusion criteria, assuming the answer to Subpart A was No. Skip Subpart D and complete PART III - Qualitative Summary and Certification. If the answer to Subpart C above is No, proceed to Subpart D.

Subpart D. De Minimus Land Area

In answering "Yes" to the question below, it is understood that all of the following conditions apply:

- The affected property is not known to serve as habitat, foraging area, or refuge to threatened/endangered or otherwise protected species. (Will likely require consultation with wildlife management agencies.)
- Similar but unimpacted habitat exists within a half-mile radius.
- The affected property is not known to be located within one-quarter mile of sensitive environmental areas (e.g., rookeries, wildlife management areas, preserves). (Will likely require consultation with wildlife management agencies.)
- There is no reason to suspect that the COCs associated with the affected property will migrate such that the affected property will become larger than one acre.
- 1) Using human health protective concentration levels as a basis to determine the extent of the COCs, does the affected property consist of one acre or less <u>and</u> does it meet all of the conditions above?

Yes 🖌 No

Explain how conditions are met/not met:

If the answer to Subpart D above is Yes, then no further ecological evaluation is needed at this affected property, assuming the answer to Subpart A was No. Complete PART III - Qualitative Summary and Certification. If the answer to Subpart D above is No, proceed to Tier 2 or 3 or comparable Ecological Risk Assessment (ERA).

PART III. Qualitative Summary and Certification (complete in all cases.)

Attach a brief statement (not to exceed 1 page) summarizing the information you have provided in this form. This summary should include sufficient information to verify that the affected property meets or does not meet the exclusion criteria. The person should make the initial decision regarding the need for further ecological evaluation (i.e., Tier 2 or 3) based upon the results of this checklist. After review, TCEQ will make a final determination on the need for further assessment. Note that the person has the continuing obligation to reenter the ERA process if changing circumstances result in the affected property not meeting the Tier 1 exclusion criteria.

Completed by	Laura Arciniaga, P.G.	(Typed/Printed Name)
	Principal Geologist	(Title)
	June 3, 2020	(Date)

I believe that the information submitted is true, accurate, and complete, to the best of my knowledge. Julie Burdey, P.G. (Typed/Printed Name of Person)

···· j , ···		
Project Manager	0	(Title of Person)
	Julin Burden	(Signature of Person)
June 3, 2020	77 0	(Date Signed)

PART III. Qualitative Summary and Certification – Brief Summary Statement

SWMU B-2 is located in the south-central portion of the North Pasture area of CSSA, approximately 3,600 feet from the closest facility boundary to the northwest. The site is fully contained on CSSA property, access is restricted, and the area is secure. The nearest public roadway, Farm-to-Market Road 3351, is 0.60 miles from the SWMU B-2 boundary. The site, originally located based on aerial photographs, is a former munitions burn and disposal area. SWMU B-2 consists of a relatively flat, open area dominated by sparse native grasses and occasional small native trees and brush.

No surface water is present at the site. The nearest surface water present is an intermittent stream tributary located approximately 290 feet from the site. The presumed depth to groundwater at the site is approximately 220 feet bgs. Because COCs (MC metals) are relatively insoluble, it is highly unlikely that they would migrate to groundwater.

Surface and subsurface soil samples were collected between 1995 and 2010. Analytical results indicate that residual surface soil concentrations of lead exceeded the Tier 1 PCL of 84.5 mg/kg at eight locations and zinc exceeded the Tier 1 PCL of 73.2 mg/kg at nine locations in the most recent (2010) data. Site-specific Tier 2 PCLs were calculated based on site-specific soil type and a 30-acre source area which the sample result did not exceed. All lead concentrations in surface soil at SWMU B-2 are below the (Tier 2 residential) critical PCL of 500 mg/kg. Zinc concentrations above the (Tier 2 ecological) critical PCL of 155.8 mg/kg remain in surface soil at three locations. Laboratory analytical data from the June and December sampling events were used to calculate a 95% UCL per TAC §350.79(2)(A) of 121.4 mg/kg. This value does not exceed the critical PCL.

Although the site does not meet the exclusion criteria due to its proximity to core habitat for the endangered Golden-cheeked Warbler, further ecological evaluation is not necessary because contaminated soil was removed between 2004 and 2010. As described above, remaining metals concentrations are below Tier 1 or Tier 2 PCLs, or in the case of zinc, below the 95% UCL. The combined results of the affected property assessment and the assessment of MC risks indicate that there are no unacceptable risks from exposure to MC in soil to current or future ecological receptors.

Section 3 Assessment Strategy

Section 3.1 General Assessment Issues

Environmental Media Assessed

Media assessed at SWMU B-2 during the affected property assessment included surface and subsurface soil associated with the former disposal trenches and areas of surface soil impact in the vicinity of the trench areas identified in the RCRA Facility Investigation (RFI) Report (Parsons, 2002a). To meet CSSA objectives for site closure for unrestricted use (residential), the initial level of assessment for soil was to be Tier 1 (updated November 2018) and Tier 2 PCLs assuming a 30-acre (i.e. greater than 0.5 acre) source area. The final data evaluated and considered for the affected property assessment included surface and subsurface soil sampling results collected between 1995 and 2010, excluding those sample results from locations that have been excavated and removed from the site.

Tier 2 ecological PCLs were calculated for lead and zinc in surface soil at the site as described in Section 11 and Appendix 9.

Target COCs

Soil analytical results from previous investigations at SWMU B-2 show that metals are the only target COCs remaining in soil at the site. Specifically, the following nine metals are included as target COCs: arsenic, barium, cadmium, chromium, copper, lead, mercury, nickel, and zinc. Previous environmental investigations as they relate to COC determination are briefly summarized below, with the results and conclusions of these investigations described in greater detail in Section 3.2 and Section 4.

1995 RFI Field Data for Target COC Determination

Based on previous analytical results and past usage, initial soil analyses at SWMU B-2 during the 1995 RFI included volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), and metals (Parsons, 2002a). Based on the RFI results, the list of COCs was reduced to include cadmium, chromium, nickel, lead, toluene, and di-n-butylphathalate, which were the only analytes detected above background levels. Although MEC has not been identified at this site, some MD was found in the trenches prior to commencing field activities. Therefore, explosives were included on the list of potential COCs.

2004, 2005, and 2008 Field Data for Target COC Determination

The RFI Report (Parsons, 2002a) recommended excavation and disposal of waste and waste residue, and removal of any MD. This work was initiated in September 2003 and completed in November 2004. During the excavation, a total of 2,214 CY of waste and contaminated media were excavated from the site. Confirmation sampling was conducted following the excavation and disposal activities to evaluate the presence of the COCs identified in the RFI Report. Analytical results showed concentrations of cadmium, chromium, nickel, toluene, and di-n-butylphathalate were below Tier 1 PCLs. Lead exceeded its background concentration in multiple locations and 2,4-dinitrotoluene (DNT) was also detected above the method quantitation limit (MQL), which was also its Tier 1 PCL, at one location.

Following the 2003/2004 excavation activities and based on confirmation sampling data collected in 2004 and 2005, additional excavation of lead-contaminated soil was performed in March 2008. An additional 58 CY of soil were removed and disposed of offsite. Lead concentrations in soil samples collected following the 2008 excavation were below the Tier 1 PCL.

2010 Field Data for Target COC Determination

To further delineate the lateral extent and concentration of metals previously detected above background concentrations in surface soils at SWMU B-2, XRF samples were collected in June 2010 from a predetermined 50-foot grid that encompassed SWMUs B-2 and B-8 and the surrounding area (see Section 4). All XRF lead results were below the TCEQ-approved background concentration for lead of 84.5 mg/kg. Regardless, metals were retained as COCs at SWMU B-2 based on previous laboratory analytical results and general knowledge of historical operations at the site.

Statistical analysis for the 2004 2,4-DNT exceedance showed the 95% UCL was well below its MQL/Tier 1 PCL of 0.4 mg/kg. However, to ensure that no 2,4-DNT remained at the site, the area around the sample location was excavated and disposed of in December 2010. Results showed no 2,4-DNT present, and therefore explosives were not retained as COCs at SWMU B-2.

Background Metals Evaluation

Soil samples at CSSA were analyzed for and compared to background concentrations of nine metals: arsenic, barium, cadmium, chromium, copper, lead, mercury, nickel, and zinc. These metals were chosen based on known waste disposal records and knowledge of historical operations. The Background Metals Evaluation (Parsons, 2002b) was approved by TCEQ on April 23, 2002.

A total of 90 samples were collected and analyzed for the nine CSSA metals during the background metals evaluation (Parsons, 2002b). The background concentrations were calculated by determining the 95% Upper Tolerance Limit (UTL) of the results. For background soil data, the UTL predicts the upper range of background concentrations from a relatively small data set. Distributional assumptions were tested prior to calculating the UTL to determine if the data fit a normal or lognormal distribution. If the distributional assumption could not be verified, then a non-parametric UTL was used. Background concentrations for the nine CSSA metals in all soil types are shown below. The statistical results summary for background levels of COCs at CSSA is included in **Appendix 8**.

		, (
Metal	Non-Parametric UTL (mg/kg)	95% UTL (mg/kg)
Arsenic	NA	19.6
Barium	NA	300
Cadmium	3.00	NA
Chromium	NA	40.2
Copper	NA	23.2
Lead	NA	84.5
Mercury	0.77	NA
Nickel	NA	35.5
Zinc	NA	73.2

Soil Background Comparison Concentrations (Parsons, 2002b)

NA = not applicable; mg/kg = milligrams per kilogram. Value for Barium is Texas-specific background concentration.

Section 3.2 Assessment Strategy

General Assessment Approach

This section focuses on soil, groundwater, and soil gas investigations at SWMU B-2. Surface water and sediment are not present at SWMU B-2; therefore, no sampling has occurred for these media at the site. The nearest surface water body to SWMU B-2 is a small southwest-trending ephemeral stream located approximately 290 feet southeast of the site (Figure 1A-2).

Previous investigations performed at SWMU B-2 included the following:

- an Environmental Assessment (Parsons, 1993);
- a geophysical survey (Parsons, 1995a);
- drilling of soil borings and collection of soil samples (Parsons, 1995b);
- a soil gas survey (Parsons, 1996a);
- a UXO survey with associated excavations (Parsons, 2002a);
- the excavation and disposal of waste and waste residue, and removal of all MD from the site between September 2003 and November 2004.
- the excavation of contaminated soil from the 2004 field effort, and additional soil sampling and surface MD investigations in March 2008; and
- XRF and surface sampling conducted in June and December 2010 to further delineate the horizontal extent of munitions-related soil contamination.

Following completion of the excavation activities listed above, all residual or representative COC concentrations were reported within CSSA background levels or below Tier 1 or calculated Tier 2 PCLs. Photo documentation collected during these previous investigations is provided in **Appendix 13**.

1995 RCRA Facility Investigation

As part of RFI source characterization activities at SWMU B-2, soil borings were located based on geophysical anomalies, topographic lows, or surface features, such as metal debris or man-made mounds (Figure 1B). Detailed descriptions of borehole drilling and sampling procedures are outlined in the Work Plan (Parsons, 1996b) and the Field Sampling Plan (FSP) (Parsons, 1996c).

Soil samples were collected from five soil borings drilled to a depth of 30 feet bgs in March 1995 (included in **Appendix 2**). The borings were drilled on the edges of the two trenches known at the time to determine the extent of potential contamination and any potential releases associated with the trenches. In all but one boring, limestone was encountered at a depth of only one foot. Surface soil and subsurface rock were collected for analysis of metals, VOCs, and SVOCs.

The boreholes were left open for a sufficient amount of time to determine if groundwater would accumulate. Water levels were measured, and if sufficient volume was present, a groundwater sample was collected and analyzed for the same parameters as the soil (Parsons, 2002a). Grab groundwater samples were collected from two borings. The groundwater samples were collected less than 30 feet below ground level from soil borings completed in a discontinuous, perched water zone within the Upper Glen Rose Limestone (Parsons, 1996c). No VOCs, SVOCs, or metals were detected above Tier 1 PCLs for Class 3 groundwater (Parsons, 2002a).

1995 Soil Gas Survey

In June 1995, a soil gas survey was conducted at SWMU B-2 to test for VOCs. The purpose was to look for the source of VOCs in groundwater at CSSA, which was ultimately determined to be SWMU B-3. No VOCs are present at SWMU B-2. The soil gas survey collected samples from 20 sample points arranged in a grid within the site boundary. Numerous soil gas samples were collected from the areas associated with each of the previously identified geophysical anomalies. Detailed soil gas sampling procedures are outlined in the FSP (Parsons 1996c).

1997 UXO Survey

Because previous field investigations had identified possible UXO in the linear trenches at SWMU B-2, in September 1997, the two linear trenches at SWMU B 2 were excavated by UXO specialists. The lateral extent of the disturbed area to be excavated was determined based on site investigations and the use of a Schonstedt metal detector. The southern and northern trenches were identified to be

approximately 215 feet and 250 feet in length, respectively, and approximately 12 feet wide. The northern trench was only approximately five feet deep, and the southern trench was approximately 12 feet deep.

UXO specialists examined all waste as it was excavated from the trench to determine whether any UXO was present. Materials removed from the trenches included burned rifle grenades, a few empty 75mm projectiles, rifle clips, bolts, stock strap rings, together with various types of metal and debris. None of these items were considered to be UXO; however, MD including munitions, firearms, and associated materials were found in the southern trench. Much of the debris removed from the trenches appeared to have been burned. The excavated materials were stored within the SWMU B 2 boundary in two stockpiles. One stockpile, approximately 500 CY was to the north of the southern trench, and one stockpile, approximately 1,000 CY was to the south of the southern trench, and contained the MD. Areas located along the eastern end and between the disposal trenches were identified to contain high percentages of nails, spikes, wire, and banding.

Post-RFI Soil Investigations (2004, 2005, and 2010)

In January 2004, confirmation samples were collected from the trench excavation area. They included five bottom samples and 16 sidewall samples and were analyzed for explosives, select SVOCs, and metals that were detected above background levels during the RFI.

Between May and November 2004, further excavations were conducted at the site, and additional bottom and sidewall samples were collected. Following the 2003/2004 excavation activities and based on confirmation sampling data collected in late 2004 and 2005, additional excavation of lead-contaminated soil was performed in March 2008.

To further delineate the lateral extent and concentration of metals contamination in the surface soils at SWMU B-2, investigations were performed in June 2010. XRF samples were collected from a predetermined 50-foot foot grid that encompassed SWMU B-2 and the surrounding area, and laboratory analytical samples were collected to correlate the XRF results.

Data Quality

Laboratory analytical and field methods used for the evaluation of COCs at SWMU B-2 were based on historical release investigation activities previously conducted at the site and are in accordance with the CSSA Quality Assurance Project Plan (QAPP) (Parsons, 2003).

Table 3A - Underground Utilities

Table 3A is not applicable to this site. SWMU B-2 is located in an undeveloped area of CSSA. There were no underground utilities present at the site prior or during operational activities at the site. Therefore, there is no reasonable potential for residual COCs (metals in surface soil) at SWMU B-2 to impact a utility line and migrate off-site.

Section 4 Soil Assessment

Section 4.1 Derivation of Assessment Levels

CSSA has determined that the remediation goal for SWMU B-2 is residential (unrestricted) use. Because the operational area of SWMU B-2 encompasses an area greater than 0.5 acre, RALs were derived using background soil concentrations and Tier 1 or Tier 2 PCLs for a 30-acre site. The site is undeveloped and current land use is open space.

Exposure pathways for affected surface soil assumed to be complete or potentially complete at the site include the TotalSoil_{Comb} pathway for human and ecological receptors, and the and ^{Gw}Soil_{Ing} pathway for human receptors only. Soil at SWMU B-2 meeting the TRRP definition of surface soil consists of a layer of loose well-developed soil material ranging in thickness across the site from approximately 0.5 feet to 6 feet. The soil overlies a unit of weathered limestone and marl that cannot be manually excavated (bedrock). No groundwater was encountered in the surface soil zone.

The RALs used to determine the nature and extent of soil COCs and discussed in the following subsections are:

- Surface Soil RALs: the greater value of either the background soil concentration or the residential Tier 1 TotalSoilcomb or GWSoiling PCL 1 or Tier 2 GWSoiling PCL
- Subsurface Soil RALs: the greater value of either the background soil concentration or the residential ^{GW}Soil_{Ing} Tier 1 PCL

Section 4.2 Nature and Extent of COCs and NAPL in Soil

The current nature and extent of COCs in surface soil and subsurface soil as well as investigation and excavation activities at SWMU B-2 are described in this section. **Table 4A** compares the human health RALs for surface soils to the maximum concentration for each COC at SWMU B-2. The RALs used to evaluate risk to ecological receptors at SWMU B-2 compared to maximum residual COC concentrations are summarized in **Table 4B**. **Table 4C** compares the RALs for subsurface soil to the maximum concentration for each COC in subsurface soil at SWMU B-2. **Tables 4D-1 to 4D-4** provide the analytical results for soil samples collected at SWMU B-2 during all previous investigations and evaluated as part of the affected property assessment at the site.

1995 RCRA Facility Investigation

Soil samples were collected from five soil borings (SB01 through SB05) drilled to a depth of 30 feet bgs in March 1995 as part of the RFI (**Appendix 2**). The borings were drilled on the edges of two known trenches to determine the extent of potential contamination and any potential releases associated with the trenches (**Figures 4A-1 and 4B-1**). Surface and subsurface soil samples were analyzed for metals, VOCs, and SVOCs (**Tables 4D-1, 4D-2, and 4D-3**, respectively).

Boring B2-SB01 was completed adjacent to a geophysical anomaly on the south side of the southern trench, and B2-SB02 was completed on the north side of the southern trench. None of the samples from these two borings contained metals above background concentrations.

The remaining three borings were advanced adjacent to the northern trench. One of the boring samples had metals concentrations that exceeded Tier 1 PCLs in samples collected from the Glen Rose Limestone Formation bedrock. Sample B2-SB04 had reported concentrations of 12.0 mg/kg chromium, 16.0 mg/kg lead, and 8.0 mg/kg nickel. These concentrations all slightly exceeded the background levels established for the Glen Rose Limestone of 8.1 mg/kg, 5.5 mg/kg, and 6.8 mg/kg, respectively.

Samples B2-SB03 (29.0 to 30.0 feet bgs) and B2-SB05 (29.0 to 30.0 feet bgs) had reported

concentrations of toluene of 0.006 and 0.01 mg/kg, respectively that were slightly above the RL for toluene of 0.003 mg/kg. Samples B2-SB01 (0.4 to 0.8, 10.5 to 11.0, and 29.0 to 29.5 feet bgs) had reported concentrations of di-n-butylphthalate that exceeded the RAL. The RFI concluded that di-n-butylphthalate is a common laboratory contaminant and it had also been detected in the associated equipment blanks, and therefore is not present as COC at SWMU B-2 (Parsons, 2002a).

Toluene can occasionally be a laboratory contaminant, especially in 1995 when the current stringent quality assurance program was not yet in place. Regardless, toluene was an analyte during the January 2004 confirmation sampling to ensure that no toluene contamination was present after excavation activities were completed. Twenty-three soil confirmation samples were analyzed for toluene, none of which had any detections. Because no toluene was detected in any of the trench sidewall and bottom samples, it is likely that the 1995 detections were associated with laboratory contamination.

The RFI Report recommended additional soil sampling to further delineate metals concentrations in surface soil at SWMU B-2 and concluded that VOCs and SVOCs were not COCs at SWMU B-2 (Parsons, 2002a).

<u>1997 UXO Survey</u>

In September 1997, the two trenches identified during the RFI were excavated. Materials removed from the trenches included burned rifle grenades, a few empty 75mm projectiles, rifle clips, bolts, stock strap rings, together with various types of metal and debris. None of these items were considered to be MEC, but rather MD that was disposed of along with other debris in the trenches. Much of the debris removed from the trenches appeared to have been burned. No soil samples were collected at this time.

Post-RFI Soil Investigations (2003 through 2010)

To address waste and possible MEC in the trenches identified during the RFI, the trenches as well as surrounding anomaly locations were further excavated beginning in September 2003. In January 2004, five bottom samples (B2-B0T01 through B2-B0T05) and 16 sidewall samples (B2-SW01 through B2-SW16) were collected from the excavation area (**Figure 4A-2**). Soil stockpiles remaining at the site following previous RFI activities also required characterization and disposal. All samples were analyzed for explosives, toluene, di-n-butylphthalate, butylbenzylphthalate, and select metals detected above background levels in 1995 (Tables 4D-1 through 4D-4).

Lead exceeded background concentrations and 2,4-DNT was detected above the MQL at one location (B2-BOT02). Samples collected from the stockpiles (B2-SP01 and B2-SP02) showed all analyte concentrations below RALs.

In May 2004, three bottom (B2-B0T06 through B2-B0T08) and seven sidewall confirmation samples (B2-SW17 through B2-SW23) were collected and analyzed for lead after additional excavation was performed to address the lead exceedances identified during the January 2004 excavation. Two sidewall samples exceeded the background concentration for lead (B2-SW19 and B2-SW21 at 85.1 mg/kg and 190 mg/kg, respectively) (Table 4D-3).

A total of 2,214 CY of waste and soil were excavated from the site during the 2003/2004 excavations. The southern trench was excavated to a depth of approximately 16 feet, and the northern trench was excavated to a depth of approximately 6 feet. No MEC was found during excavation activities. Waste material and MD sifted from the excavated soil included munitions canister lids, burned rifle grenades, empty 75mm projectiles, 20mm casings, rifle clips, bolts, stock strap rings, nails, spikes, wire, and metal banding material. Photos taken during the 2003 and 2004 excavations are provided in Appendix 13.

Thirteen soil samples were collected in February and May 2005 to further delineate the horizontal extent lead in surface soil at SWMU B-2 (**Figure 4A-3**). Seven samples (B2-SS11 through B2-SS17

and B2-SS20), exceeded the background concentration for lead (Table 4D-3).

Based on the results of soil sampling conducted in 2004 and 2005, additional excavation of leadcontaminated soil was performed in March 2008 (**Figure 4A-4**). Five locations with lead exceedances in either 2004 or 2005 were excavated, and confirmation samples were collected in their place (B2-SW02, B2-SW14, B2-SS13, B2-SS14, and B2-SS16). The lead results for these samples were well below the 84.5 mg/kg background concentration at 4.40 mg/kg, 2.39 mg/kg, 3.66 mg/kg, 51.38 mg/kg, and 4.39 mg/kg, respectively. Photos taken during the 2008 excavation and sampling are included in Appendix 13.

To further delineate the lateral extent of metals in surface soil, samples were collected from a predetermined 50-foot foot grid that encompassed SWMU B-2 and the surrounding area for XRF in June 2010 (**Figure 4A-5**). Samples were submitted to an analytical laboratory at a rate of 10 percent (one laboratory sample for every 10 XRF samples) to verify the findings of the XRF field survey. The laboratory samples were analyzed for barium, copper, lead, and zinc (Table 4D-3). Laboratory analytical results showed two locations (B2-10-3 and B2-5-12) had zinc concentrations that exceeded the RAL for ecological receptors of 155.8 mg/kg.

In order to address potential data gaps, and to confirm the results of the June 2010 investigation, surface soil samples were collected from select locations in December 2010 and analyzed for lead and zinc (Figure 4A-5). Of the 27 locations sampled all had lead concentrations below the RAL of 500 mg/kg. Three locations had zinc concentrations that exceeded the RAL for ecological receptors of 155.8 mg/kg.

Statistical analysis for the 2004 2,4-DNT exceedance showed the 95% UCL was well below its MQL (also its Tier 1 PCL) of 0.4 mg/kg, and therefore SWMU B-2 soils were considered to meet TCEQ residential criteria at that time. However, to ensure that no 2,4-DNT remained at the site, the sample location (BOT-02) was excavated and disposed of in December 2010. Results for the resample (BOT-12) showed no 2,4-DNT present.

COC	Source area size (acres)	TotSoil _{Comb} PCL (mg/kg)	^{GW} Soil	PCL	MQL (mg/kg)	Back- ground (mg/kg)	Γ	Maximum	concentration	1
			(mg/kg)	Tier			Sample ID	Sample depth	Sample date	Conc (mg/kg)
Barium	30	8100	220	1	0.3	300	B2-00-13	0 - 0.5	6/18/2010	185
Cadmium	30	51	0.75	1	1	3	B2-B0T04	4 - 4	1/6/2004	2.43 M
Chromium, Total	30	27000	1200	1	20	40.2	B2-SS03	0 - 0.5	12/20/2004	25.7
Copper	30	1300	520	1	0.6	23.2	B2-00-13	0 - 0.5	6/18/2010	15.7 J
Lead	30	500	6606	2	100	84.5	B2-SS44	0 - 0.5	11/8/2004	373.26 M
Nickel	30	840	79	1	2	35.5	B2-SS03	0 - 0.5	12/20/2004	16.13
Zinc	30	9900	2400	1	5	73.2	B2-SS38	0 - 0.5	12/6/2010	440.5

Table 4A. Surface Soil Residential Assessment Levels for Human Health Exposure Pathways

J = the detected concentration was above the MDL and below the RL; M = a matrix effect was present

Residential Assessment Level

Table 4B. Surface Soil Residential Assessment Levels with Ecological Component

COC	COC Human health PCL ¹		Ecological PCL (0 to 0.5 ft)		Ecological PCL (0.5 to 5 ft)		Back- ground	Maximum concentration in areas of ecological concern			
(mg/kg)		(mg/kg)	Basis 2	(mg/kg)	Basis ²		(ilig/ kg)	Sample ID	Sample depth	Sample date	Conc (mg/kg)
Barium	220	330	ESB	330	ESB	0.3	300	B2-00-13	0 - 0.5	6/18/2010	185
Cadmium	0.75	32	ESB	140	ESB	1	3	B2-B0T04	4 - 4	1/6/2004	2.43 M
Chromium,											
Total	1200	0.4	ESB	0.4	ESB	20	40.2	B2-SS03	0 - 0.5	12/20/2004	25.7
Copper	520	70	ESB	70	ESB	0.6	23.2	B2-00-13	0 - 0.5	6/18/2010	15.7 J
Lead	500	535	Tier 2	535	Tier 2	100	84.5	B2-SS44	0 - 0.5	11/8/2004	373.26 M
Nickel	79	280	ESB	280	ESB	2	35.5	B2-SS03	0 - 0.5	12/20/2004	16.13
Zinc	2400	155.8	Tier 2	155.8	Tier 2	5	73.2	B2-SS38	0 - 0.5	12/6/2010	440.5

J = the detected concentration was above the MDL and below the RL; M = a matrix effect was present

Residential Assessment Level

Detected concentration exceeds

Residential Assessment Level

 $^{\rm 1}$ List the lower of $^{\rm Tot}Soil_{\rm Comb}$ and $^{\rm Gw}Soil$ values from Table 4A.

² Specify the basis of the ecological PCL (benchmark, MQL, background, Tier 2 PCL, or Tier 3 PCL).

COC	Source Air Soil Inh-V		GW Soil Ing		MOL	Background	Maximum Concentration				
COC	size (acres)	PCL (mg/kg)	PCL (mg/kg)	Tier	(mg/kg)	(mg/kg)	Sample ID	Sample Depth Begin	Sample Depth End	Sample Date	Concentration (mg/kg)
Cadmium	30	-	0.75	1	0.25	3	B2-SB04	29	30	3/6/1995	1.5 B
Chromium, Total	30	-	1200	1	20	40.2	B2-B0T01	16	16	1/6/2004	9.3 F
Lead	30	-	3	1	10	84.5	B2-B0T01	16	16	1/6/2004	48.49 M
Nickel	30	-	79	1	2	35.5	B2-B0T01	16	16	1/6/2004	7.14 J

Table 4C. Subsurface Soil Residential Assessment Levels

B = detected in laboratory blank sample; F and J = the detected concentration was above the MDL and below the RL; M = a matrix effect was present; "-" = no PCL established for this pathway Residential Assessment Level

Tables 4D-1 through 4D-4.

Figure 4A-1 – Surface Soil COC Concentration Map (1995) and Figure 4B-1 – Subsurface Soil COC Concentration Map (1995)

Figures 4A-1 and 4B-1 respectively show surface and subsurface soil sample locations from the 1995 RFI. All COC concentrations were below their respective Tier 1 PCLs.

Figure 4A-2 – Surface Soil COC Concentration Map (2004) and Figure 4B-2 – Subsurface Soil COC Concentration Map (2004)

Figures 4A-2 and 4B-2 respectively show surface and subsurface soil confirmation sample locations collected following excavation of the site in 2004. One location exceeded the Tier 2 PCL for lead. This location was excavated and re-sampled in 2008.

Figure 4A-3 – Surface Soil COC Concentration Map (2005)

Figures 4A-3 shows surface soil sample locations collected in 2005. Three locations exceeded the Tier 2 PCL for lead. These locations were excavated and re-sampled in 2008.

Figure 4A-4 – Surface Soil COC Concentration Map (2008)

Figures 4A-3 shows surface soil confirmation sample locations collected in 2008. Three locations exceeded the Tier 2 PCL for lead. These locations were excavated and re-sampled in 2008. All COC concentrations were below their respective Tier 1 PCLs.

Figure 4A-5 – Surface Soil COC Concentration Map (2010)

Figures 4A-5 shows laboratory and XRF surface soil sample collection locations in 2010. Three locations exceeded the Tier 2 PCL for zinc.













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SWMU B-2 Surface Soil COC Concentration Map (2008) Camp Stanley Storage Activity

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100 Feet

2005 Surface Soil Sample

2008 Surface Soil Sample

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Table 4D-1. Volatiles Soil Data Summary

Sample	Sample	Sample	Sample	000	Residential Assessmer	nt Level	Critical PCL		Conc
ID	Date	depth begin	depth end	000	Pathway	(mg/kg)	Pathway	(mg/kg)	(mk/kg)
B2-SB01	3/2/1995	0.4	0.8	Toluene	R30acr_GW_Soil_Ing	4.1	R30acr_GW_Soil_Ing	4.1	<0.003 U
B2-SB01	3/2/1995	29	29.5	Toluene	R30acr_GW_Soil_Ing	4.1	R30acr_GW_Soil_Ing	4.1	<0.003 U
B2-SB01	3/2/1995	0.4	0.8	Toluene	R30acr_GW_Soil_Ing	4.1	R30acr_GW_Soil_Ing	4.1	<0.003 U
B2-SB01	3/2/1995	10.5	11	Toluene	R30acr_GW_Soil_Ing	4.1	R30acr_GW_Soil_Ing	4.1	<0.003 U
B2-SB02	3/3/1995	0.5	1	Toluene	R30acr_GW_Soil_Ing	4.1	R30acr_GW_Soil_Ing	4.1	<0.003 U
B2-SB02	3/3/1995	6	9	Toluene	R30acr_GW_Soil_Ing	4.1	R30acr_GW_Soil_Ing	4.1	<0.003 U
B2-SB02	3/3/1995	29	29.5	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.003 U
B2-SB03	3/3/1995	11	11.5	Toluene	R30acr_GW_Soil_Ing	4.1	R30acr_GW_Soil_Ing	4.1	<0.003 U
B2-SB03	3/3/1995	4	6	Toluene	R30acr_GW_Soil_Ing	4.1	R30acr_GW_Soil_Ing	4.1	<0.003 U
B2-SB03	3/6/1995	29	30	Toluene	R30acr_GW_Soil_Ing	4.1	R30acr_GW_Soil_Ing	4.1	0.006
B2-SB04	3/6/1995	1.8	3	Toluene	R30acr_GW_Soil_Ing	4.1	R30acr_GW_Soil_Ing	4.1	<0.003 U
B2-SB04	3/6/1995	10	11	Toluene	R30acr_GW_Soil_Ing	4.1	R30acr_GW_Soil_Ing	4.1	<0.003 U
B2-SB04	3/6/1995	29	30	Toluene	R30acr_GW_Soil_Ing	4.1	R30acr_GW_Soil_Ing	4.1	0.006
B2-SB04	3/6/1995	29	30	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.003 U
B2-SB05	3/6/1995	0	1.7	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.003 U
B2-SB05	3/6/1995	29	30	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	0.01
B2-SB05	3/6/1995	9	10	Toluene	R30acr_GW_Soil_Ing	4.1	R30acr_GW_Soil_Ing	4.1	<0.003 U
B2-B0T01	1/6/2004	16	16	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 M
B2-B0T02	1/6/2004	16	16	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 M
B2-B0T03	1/6/2004	4	4	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 M
B2-B0T04	1/6/2004	4	4	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 M
B2-B0T05	1/6/2004	4	4	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 M
B2-SW01	1/6/2004	5	5	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 M
B2-SW02	1/6/2004	5	5	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 M
B2-SW03	1/6/2004	5	5	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 M
B2-SW04	1/6/2004	5	5	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 M
B2-SW05	1/6/2004	5	5	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 M
B2-SW06	1/6/2004	5	5	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 M
B2-SW07	1/6/2004	5	5	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 M
B2-SW08	1/6/2004	5	5	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 M
B2-SW09	1/6/2004	5	5	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 M
B2-SW10	1/6/2004	5	5	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 M
B2-SW11	1/6/2004	5	5	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 M
B2-SW12	1/6/2004	5	5	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 M
B2-SW12	1/6/2004	5	5	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 M
B2-SW13	1/6/2004	5	5	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 M
B2-SW13	1/6/2004	5	5	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 M
B2-SW14	1/6/2004	3	3	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 M
B2-SW15	1/6/2004	3	3	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 M
B2-SW16	1/6/2004	3	3	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 M
B2-B0T06	5/11/2004	6	6	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 U
B2-B0T07	5/11/2004	6	6	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 U
B2-B0T08	5/11/2004	6	6	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 U
B2-SP01	11/8/2004	0	0.5	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 U
B2-SP02	11/8/2004	0	0.5	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 U
B2-SS01	12/20/2004	0	0.5	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 U
B2-SS02	12/20/2004	0	0.5	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 U
B2-SS03	12/20/2004	0	0,5	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 U
B2-SS04	12/20/2004	0	0,5	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 U
B2-SS05	12/20/2004	0	0,5	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 U
B2-SS06	12/20/2004	0	0.5	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	<0.005 U
B2-SS07	12/20/2004	0	0.5	Toluene	R30acr GW Soil Ing	4.1	R30acr GW Soil Ing	4.1	0.0017 F
B2-SS08	12/20/2004	0	0.5	Toluene	R30acr_GW_Soil_Ing	4.1	R30acr_GW_Soil_Ing	4.1	0.0021 M

Detections are bolded

Table 4D-2. Semi-volatiles Soil Data Summary

Sample	Sample	Sample	Sample	000	Residential Assessmer	it Level	Critical PCL		Conc
ID	Date	depth begin	depth end	000	Pathway	(mg/kg)	Pathway	(mg/kg)	(mk/kg)
B2-BOT06	5/11/2004	6	6	di-n-Butyl phthalate	R30acr_GW_Soil_Ing	1700	R30acr_GW_Soil_Ing	1700	<0.7 U
B2-B0T07	5/11/2004	6	6	di-n-Butyl phthalate	R30acr_GW_Soil_Ing	1700	R30acr_GW_Soil_Ing	1700	<0.7 U
B2-B0T08	5/11/2004	6	6	di-n-Butyl phthalate	R30acr_GW_Soil_Ing	1700	R30acr_GW_Soil_Ing	1700	<0.7 U

Detections are bolded

Sample	Sample	Sample	Sample	000	Residential Assessmer	nt Level	Critical PCL		Conc
ID	Date	depth begin	depth end	COC	Pathway	(mg/kg)	Pathway	(mg/kg)	(mk/kg)
B2-00-13	6/18/2010	0	0.5	Barium	Surf Bkgd	300	Surf Bkgd	300	185
B2-00-13	6/18/2010	0	0.5	Copper	R30acr GW Soil Ing	520	R30acr GW Soil Ing	520	15.7 J
B2-00-13	6/18/2010	0	0.5	Lead	R30acr GW Soil Ing	500	R30acr GW Soil Ing	500	37.8
B2-00-13	6/18/2010	0	0.5	Zinc	R30acr GW Soil Ing	155.8	R30acr GW Soil Ing	155.8	45.6 J
B2-00-15	6/16/2010	0	0.5	Barium	Surf Bkgd	300	Surf Bkgd	300	136
B2-00-15	6/16/2010	0	0.5	Conner	R30acr GW Soil Ing	520	R30acr GW Soil Ing	520	10.8
B2-00-15	6/16/2010	0	0.5	Lead	R30acr GW Soil Ing	500	R30acr GW Soil Ing	500	24.8
B2-00-15	6/16/2010	0	0.5	Zinc	R30acr GW Soil Ing	155.8	R30acr GW Soil Ing	155.8	21.8
B2-01-09	6/16/2010	0	0.5	Barium	Surf Bkgd	300	Surf Bkgd	300	119 M
B2-01-09	6/16/2010	0	0.5	Conner	R30acr GW Soil Ing	520	R30acr GW Soil Ing	520	99M
B2-01-09	6/16/2010	0	0.5	Lead	R30acr GW Soil Ing	500	R30acr GW Soil Ing	500	24.2
B2-01-09	6/16/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr GW Soil Ing	155.8	21.8 M
B2-01-03	6/16/2010	0	0.5	Barium	Surf Bkgd	300	Surf Bkgd	300	125
B2-03-17	6/16/2010	0	0.5	Copper	B30acr GW Soil Ind	520	B30acr GW Soil Ind	520	123
B2-03-17	6/16/2010	0	0.5	Lead	R30acr GW Soil Ing	500	R30acr GW Soil Ing	500	30.3
B2-03-17	6/16/2010	0	0.5	Zino	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	20.2
B2-03-11 B2-04-06	6/16/2010	0	0.5	Barium	Surf Blod	300	Surf Blod	300	20.2 J
B2-04-00	6/16/2010	0	0.5	Connor	B20ppr CW/ Spilling	500	B20ppr CW Soil Ind	500	0.4.1
B2-04-00	6/16/2010	0	0.5	Copper	RSUdul_GW_Sull_Ing	520	R30aci_GW_Soll_Ing	520	9.4 J
B2-04-00	6/16/2010	0	0.5	Zino	RSUdul_GW_Sull_Ing	155.0	R30aci_GW_Soll_Ing	155.0	26.7
B2-04-00	6/18/2010	0	0.5	Parium	NSUAULGW_SUILINg	300 T00	NOUAU_GW_OUI_INg	200 T00	20 J
B2-00-10	6/10/2010	0	0.5	Copper	B2Daor CW Soil Log	500	Duri_Drigu	500	111
B2-05-16	6/18/2010	0	0.5	Copper	RSUaci_GW_Sull_Ing	520	RSUaci_GW_Sull_ing	520	9.8 J
B2-05-16	6/18/2010	0	0.5	Lead	R30acr_GW_Soll_Ing	500	R30acr_GW_Soll_Ing	500	39.1
B2-05-16	6/18/2010	0	0.5		R30acr_Gw_Soll_Ing	155.8	R3Uacr_Gw_Soll_ing	155.8	15.9 J
B2-06-01	6/17/2010	0	0.5	Barium	Sult_Bkgd	300	SUIT_BKgd	300	50.5
B2-06-01	6/17/2010	0	0.5	Copper	R30acr_GW_Soil_Ing	520	R30acr_GW_Soil_Ing	520	6]
B2-06-01	6/17/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	15
B2-06-01	6/17/2010	0	0.5		R3Uacr_GW_Soll_ing	155.8	R3Uacr_Gw_Soll_Ing	155.8	10 J
B2-09-01	6/16/2010	0	0.5	Barium	Surf_Bkgd	300	Surf_Bkgd	300	83.3
B2-09-01	6/16/2010	0	0.5	Copper	R30acr_GW_Soil_Ing	520	R30acr_GW_Soil_Ing	520	7.9 J
B2-09-01	6/16/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	22.4
B2-09-01	6/16/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	22.5 J
B2-11-13	6/16/2010	0	0.5	Barium	Surf_Bkgd	300	Surf_Bkgd	300	145
B2-11-13	6/16/2010	0	0.5	Barium	Surf_Bkgd	300	Surf_Bkgd	300	148
B2-11-13	6/16/2010	0	0.5	Copper	R30acr_GW_Soil_Ing	520	R30acr_GW_Soil_Ing	520	12.3 J
B2-11-13	6/16/2010	0	0.5	Copper	R30acr_GW_Soil_Ing	520	R30acr_GW_Soil_Ing	520	12.2 J
B2-11-13	6/16/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	41
B2-11-13	6/16/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	42.1
B2-11-13	6/16/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	27.4 J
B2-11-13	6/16/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	23.4 J
B2-14-11	6/16/2010	0	0.5	Barium	Surf_Bkgd	300	Surf_Bkgd	300	134
B2-14-11	6/16/2010	0	0.5	Copper	R3Uacr_GW_Soil_Ing	520	K3Uacr_GW_Soil_Ing	520	12.6 J
B2-14-11	6/16/2010	0	0.5	Lead	R3Uacr_GW_Soil_Ing	500	K3Uacr_GW_Soil_Ing	500	31.8
B2-14-11	6/16/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	17.6 J
B2-15-05	6/1//2010	0	0.5	Barium	Surf_Bkgd	300	Surf_Bkgd	300	43.4
B2-15-05	6/1//2010	0	0.5	Copper	R30acr_GW_Soil_Ing	520	R30acr_GW_Soil_Ing	520	6.2 J
B2-15-05	6/1//2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	50.8
B2-15-05	6/1//2010	0	0.5		R3Uacr_GW_Soil_Ing	155.8	R3Uacr_GW_Soil_Ing	155.8	12.5 J
B2-18-09	6/16/2010	0	0.5	Barium	Surt_Bkgd	300	Surf_Bkgd	300	128
B2-18-09	6/16/2010	0	0.5	Barium	Surt_Bkgd	300	Surf_Bkgd	300	128
B2-18-09	6/16/2010	0	0.5	Copper	R3Uacr_GW_Soil_Ing	520	R3Uacr_GW_Soil_Ing	520	9.2 J
B2-18-09	6/16/2010	0	0.5	Copper	R3Uacr_GW_Soil_Ing	520	R3Uacr_GW_Soil_Ing	520	9.1 J
B2-18-09	6/16/2010	0	0.5	Lead	R3Uacr_GW_Soil_Ing	500	R3Uacr_GW_Soil_Ing	500	26.4
B2-18-09	6/16/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	27.5
B2-18-09	6/16/2010	0	0.5		R3Uacr_GW_Soil_Ing	155.8	R3Uacr_GW_Soil_Ing	155.8	12.9 J
B2-18-09	6/16/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	13.6 J
B2-98-13	6/1//2010	0	0.5	Barium	Surf_Bkgd	300	Surf_Bkgd	300	104
B2-98-13	6/17/2010	0	0.5	Copper	K3Uacr_GW_Soil_Ing	520	K30acr_GW_Soil_Ing	520	11.5 J
B2-98-13	6/17/2010	0	0.5	Lead	K3Uacr_GW_Soil_Ing	500	K30acr_GW_Soil_Ing	500	24.5
B2-98-13	6/17/2010	0	0.5		R30acr_GW_Soil_Ing	155.8	K30acr_GW_Soil_Ing	155.8	32.7 J
B2-B0T01	1/6/2004	16	16	Cadmium	Subsoil_Bkgd	3	Subsoil_Bkgd	3	0.26 M
B2-B0T01	1/6/2004	16	16	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	9.3 F

Sample	Sample	Sample	Sample	000	Residential Assessmer	nt Level	Critical PCL		Conc
ID	Date	depth begin	depth end	COC	Pathway	(mg/kg)	Pathway	(mg/kg)	(mk/kg)
B2-B0T01	1/6/2004	16	16	Lead	R30acr GW Soil Ing	500	R30acr GW Soil Ing	500	48.49 M
B2-B0T01	1/6/2004	16	16	Nickel	R30acr GW Soil Ing	79	R30acr GW Soil Ing	79	7.14 J
B2-B0T02	1/6/2004	16	16	Cadmium	Subsoil_Bkgd	3	Subsoil_Bkgd	3	0.21 M
B2-B0T02	1/6/2004	16	16	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	8 F
B2-B0T02	1/6/2004	16	16	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	41 M
B2-B0T02	1/6/2004	16	16	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	6.12 J
B2-B0T03	1/6/2004	4	4	Cadmium	Surf_Bkgd	3	Surf_Bkgd	3	2.3 M
B2-B0T03	1/6/2004	4	4	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	13.6 F
B2-B0T03	1/6/2004	4	4	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	313.71 M
B2-B0T03	1/6/2004	4	4	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	10.74 J
B2-B0T04	1/6/2004	4	4	Cadmium	Surf_Bkgd	3	Surf_Bkgd	3	2.43 M
B2-BOT04	1/6/2004	4	4	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	13.9 F
B2-B0T04	1/6/2004	4	4	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	108.81 M
B2-B0T04	1/6/2004	4	4	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	10.46 J
B2-B0T05	1/6/2004	4	4	Cadmium	Surf_Bkgd	3	Surf_Bkgd	3	0.2 M
B2-B0T05	1/6/2004	4	4	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	9.5 F
B2-B0T05	1/6/2004	4	4	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	190.89 M
B2-B0T05	1/6/2004	4	4	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	6.94 J
B2-B0T06	5/11/2004	6	6	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	51.66 M
B2-B0T07	5/11/2004	6	6	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	54.11 M
B2-B0T08	5/11/2004	6	6	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	83.88 M
B2-B0T09	11/8/2004	6	6	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	123.63 M
B2-B0T10	11/8/2004	6	6	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	125.16 M
B2-B0T11	11/8/2004	6	6	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	25.61 M
B2-SB01	3/2/1995	0.4	0.8	Cadmium	Surf_Bkgd	3	Surf_Bkgd	3	1.4 B
B2-SB01	3/2/1995	0.4	0.8	Cadmium	Surf_Bkgd	3	Surf_Bkgd	3	1.1 B
B2-SB01	3/2/1995	0.4	0.8	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	6.7
B2-SB01	3/2/1995	0.4	0.8	Chromium, Iotal	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	8.4
B2-SB01	3/2/1995	0.4	0.8	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	6.4
B2-SB01	3/2/1995	0.4	0.8	Lead	R30acr_GW_Soll_Ing	500	R30acr_GW_Soll_Ing	500	7.9
B2-SB01	3/2/1995	0.4	0.8	Nickel	R30acr_GW_Soll_Ing	79	R30acr_GW_Soll_Ing	79	3.8
B2-SBU1	3/2/1995	0.4	0.8	Nickei	RSUBCI_GW_SUII_INg	79	RSUBCI_GW_SUII_INg	19	5.1 0.47 P
B2-5B01	3/2/1995	10.5	11	Caumium Chromium Totol	B2Oper CW/ Soil Ind	1000	SUII_BKgu	3	0.47 B
B2-3B01	3/2/1995	10.5	11		R30aci_GW_Soil_Ing	500	RSUdul_GW_Sull_ing	500	2.1 B
B2-SB01	3/2/1995	10.5	11	Nickel	R30acr_GW_Soil_Ing	70	R30acr_GW_Soil_Ing	70	×1.30
B2-SB01	3/2/1995	29	29.5	Cadmium	Subsoil Bkgd	3	Subsoil Bkgd	3	0.54 B
B2-SB01	3/2/1995	29	29.5	Chromium Total	B30acr GW Soil Ing	1200	B30acr GW Soil Ing	1200	23B
B2-SB01	3/2/1995	29	29.5	Lead	R30acr GW Soil Ing	500	R30acr GW Soil Ing	500	2.0 5
B2-SB01	3/2/1995	29	29.5	Nickel	R30acr GW Soil Ing	79	R30acr GW Soil Ing	79	44
B2-SB02	3/3/1995	0.5	1	Cadmium	Surf Bkød	3	Surf Bkød	3	2.3 B
B2-SB02	3/3/1995	0.5	1	Chromium, Total	R30acr GW Soil Ing	1200	R30acr GW Soil Ing	1200	14
B2-SB02	3/3/1995	0.5	1	Lead	R30acr GW Soil Ing	500	R30acr GW Soil Ing	500	18
B2-SB02	3/3/1995	0.5	1	Nickel	R30acr_GW Soil Ing	79	R30acr_GW Soil Ing	79	8.3
B2-SB02	3/3/1995	6	9	Cadmium	Surf_Bkgd	3	Surf_Bkgd	3	0.91 B
B2-SB02	3/3/1995	6	9	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	3.7
B2-SB02	3/3/1995	6	9	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	2.5
B2-SB02	3/3/1995	6	9	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	2.1
B2-SB02	3/3/1995	29	29.5	Cadmium	Subsoil_Bkgd	3	Subsoil_Bkgd	3	0.48 B
B2-SB02	3/3/1995	29	29.5	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	1.9 B
B2-SB02	3/3/1995	29	29.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	<1.5 U
B2-SB02	3/3/1995	29	29.5	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	7
B2-SB03	3/3/1995	4	6	Cadmium	Surf_Bkgd	3	Surf_Bkgd	3	0.63 B
B2-SB03	3/3/1995	4	6	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	2.8 B
B2-SB03	3/3/1995	4	6	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	<1.5 U
B2-SB03	3/3/1995	4	6	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	2
B2-SB03	3/3/1995	11	11.5	Cadmium	Surf_Bkgd	3	Surf_Bkgd	3	0.99 B
B2-SB03	3/3/1995	11	11.5	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	4.4
B2-SB03	3/3/1995	11	11.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	3.8
B2-SB03	3/3/1995	11	11.5	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	2
B2-SB03	3/6/1995	29	30	Cadmium	Subsoil_Bkgd	3	Subsoil_Bkgd	3	0.8 B
B2-SB03	3/6/1995	29	30	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	2.3 B

Sample	Sample	Sample	Sample	000	Residential Assessmer	nt Level	Critical PCL		Conc
ID	Date	depth begin	depth end	COC	Pathway	(mg/kg)	Pathway	(mg/kg)	(mk/kg)
B2-SB03	3/6/1995	29	30	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	3.3
B2-SB03	3/6/1995	29	30	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	4.5
B2-SB04	3/6/1995	1.8	3	Cadmium	Surf_Bkgd	3	Surf_Bkgd	3	1.9 B
B2-SB04	3/6/1995	1.8	3	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	12
B2-SB04	3/6/1995	1.8	3	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	16
B2-SB04	3/6/1995	1.8	3	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	8
B2-SB04	3/6/1995	10	11	Cadmium	Surf_Bkgd	3	Surf_Bkgd	3	0.74 B
B2-SB04	3/6/1995	10	11	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	3.4
B2-SB04	3/6/1995	10	11	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	2.9
B2-SB04	3/6/1995	10	11	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	3.2
B2-SB04	3/6/1995	29	30	Cadmium	Subsoil_Bkgd	3	Subsoil_Bkgd	3	1.5 B
B2-SB04	3/6/1995	29	30	Cadmium	Subsoil_Bkgd	3	Subsoil_Bkgd	3	1.3 B
B2-SB04	3/6/1995	29	30	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	2.7 B
B2-SB04	3/6/1995	29	30	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	1.3 B
B2-SB04	3/6/1995	29	30	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	3.1
B2-SB04	3/6/1995	29	30	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	2.4
B2-SB04	3/6/1995	29	30	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	5.3
B2-SB04	3/6/1995	29	30	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	3.3
B2-SB05	3/6/1995	0	1.7	Cadmium	Surf_Bkgd	3	Surf_Bkgd	3	0.78 B
B2-SB05	3/6/1995	0	1.7	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	3.7
B2-SB05	3/6/1995	0	1.7	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	3.5
B2-SB05	3/6/1995	0	1.7	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	2.6
B2-SB05	3/6/1995	9	10	Cadmium	Surf_Bkgd	3	Surf_Bkgd	3	0.54 B
B2-SB05	3/6/1995	9	10	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	2.2 B
B2-SB05	3/6/1995	9	10	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	<1.5 U
B2-SB05	3/6/1995	9	10	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	2.2
B2-SB05	3/6/1995	29	30	Cadmium	Subsoil_Bkgd	3	Subsoil_Bkgd	3	1 B
B2-SB05	3/6/1995	29	30	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	3.7
B2-SB05	3/6/1995	29	30	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	4.7
B2-SB05	3/6/1995	29	30	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	4.4
B2-SP01	11/8/2004	0	0.5	Cadmium	Surf_Bkgd	3	Surf_Bkgd	3	0.27 M
B2-SP01	11/8/2004	0	0.5	Chromium, Iotal	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	22.4
B2-SP01	11/8/2004	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	75.95 M
B2-SP01	11/8/2004	0	0.5	NICKEI	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	13.11 M
B2-SP02	11/8/2004	0	0.5	Cadmium	SUIT_BKgd	3	SUIT_BKgd	3	0.2 M
B2-SP02	11/8/2004	0	0.5	Chromium, Iotai	R30acr_GW_Soll_Ing	1200	R30acr_GW_Soll_Ing	1200	15.1 F
B2-SP02	11/8/2004	0	0.5	Leau	R30acr_GW_Soll_Ing	500	R30acr_GW_Soll_Ing	500	40.29 M
B2-SF02	12/20/2004	0	0.5	Codmium	RSUBCI_GW_SUII_INg	79	RSUdCI_GW_SUII_INg	19	0.01 W
B2-3301 B2 6501	12/20/2004	0	0.5	Caumium Total	B30acr GW Soil Ind	1200	B30acr GW/ Soil Ind	1200	1/05
B2-5501 B2-5501	12/20/2004	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	52.62
B2-5501	12/20/2004	0	0.5	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	613
B2-5501 B2-5502	12/20/2004	0	0.5	Cadmium	Surf Bkgd	3	Surf Bkgd	13	0.13 0.35 M
B2-5502	12/20/2004	0	0.5	Chromium Total	B30acr GW Soil Ing	1200	B30acr GW Soil Ing	1200	11 3 F
B2-SS02	12/20/2004	0	0.5	Lead	R30acr GW Soil Ing	500	R30acr GW Soil Ing	500	76.08
B2-SS02	12/20/2004	0	0.5	Nickel	R30acr GW Soil Ing	79	R30acr GW Soil Ing	79	4.67
B2-SS03	12/20/2004	0	0.5	Cadmium	Surf Bkgd	3	Surf Bkgd	3	0.56 M
B2-SS03	12/20/2004	0	0.5	Chromium. Total	R30acr GW Soil Ing	1200	R30acr GW Soil Ing	1200	25.7
B2-SS03	12/20/2004	0	0.5	Lead	R30acr GW Soil Ing	500	R30acr GW Soil Ing	500	287.24
B2-SS03	12/20/2004	0	0.5	Nickel	R30acr GW Soil Ing	79	R30acr GW Soil Ing	79	16.13
B2-SS04	12/20/2004	0	0.5	Cadmium	Surf_Bkgd	3	Surf_Bkgd	3	0.29 M
B2-SS04	12/20/2004	0	0.5	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	12 F
B2-SS04	12/20/2004	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	151.7
B2-SS04	12/20/2004	0	0.5	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	5.3
B2-SS05	12/20/2004	0	0.5	Cadmium	Surf_Bkgd	3	Surf_Bkgd	3	0.25 M
B2-SS05	12/20/2004	0	0.5	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	14.6 F
B2-SS05	12/20/2004	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	94.09
B2-SS05	12/20/2004	0	0.5	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	5.42
B2-SS06	12/20/2004	0	0.5	Cadmium	Surf_Bkgd	3	Surf_Bkgd	3	0.3 M
B2-SS06	12/20/2004	0	0.5	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	17.1 F
B2-SS06	12/20/2004	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	73.44
B2-SS06	12/20/2004	0	0.5	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	8.42

Sample	Sample	Sample	Sample	000	Residential Assessmer	nt Level	Critical PCL		Conc
ID	Date	depth begin	depth end		Pathway	(mg/kg)	Pathway	(mg/kg)	(mk/kg)
B2-SS07	12/20/2004	0	0.5	Cadmium	Surf_Bkgd	3	Surf_Bkgd	3	0.3 M
B2-SS07	12/20/2004	0	0.5	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	15.5 F
B2-SS07	12/20/2004	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	63.13
B2-SS07	12/20/2004	0	0.5	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	7.05
B2-SS08	12/20/2004	0	0.5	Cadmium	Surf_Bkgd	3	Surf_Bkgd	3	0.41 M
B2-SS08	12/20/2004	0	0.5	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	14.3 F
B2-SS08	12/20/2004	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	73.33
B2-SS08	12/20/2004	0	0.5	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	7.3
B2-SS09	2/2/2005	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	60.91
B2-SS10	2/2/2005	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	60.03
B2-SS11	2/2/2005	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	98.96
B2-SS12	2/2/2005	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	141.83
B2-SS12	2/2/2005	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	139.02
B2-SS13	2/2/2005	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	2622.3
B2-SS13	3/4/2008	5	5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	3.66
B2-SS14	2/2/2005	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	10350.97
B2-SS14	3/4/2008	2	2	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	51.38
B2-SS15	5/31/2005	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	88.93 M
B2-SS16	5/31/2005	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	748.91 M
B2-SS16	3/4/2008	2	2	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	4.39
B2-SS17	5/31/2005	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	274.71 M
B2-SS18	5/31/2005	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	66.38 M
B2-SS19	5/31/2005	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	36.41 M
B2-SS20	5/31/2005	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	206.89 M
B2-SS20	5/31/2005	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	253.33 M
B2-SS21	5/31/2005	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	40.98 M
B2-SS22	12/6/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	26.42
B2-SS22	12/6/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	43
B2-SS23	12/6/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	35.74
B2-SS23	12/6/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	81.3
B2-SS24	12/6/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	60.62
B2-SS24	12/6/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	115.2
B2-SS25	12/6/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	61.35
B2-SS25	12/6/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	49.3
B2-SS26	12/6/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	45.64
B2-SS26	12/6/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	40
B2-SS27	12/6/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	75.64
B2-SS27	12/6/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	39
B2-SS28	12/6/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	170.23
B2-SS28	12/6/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	46
B2-SS29	12/6/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	48.26
B2-SS29	12/6/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	36.5
B2-SS30	12/6/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	94.55
B2-SS30	12/6/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	118.45
B2-SS30	12/6/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	31
B2-SS30	12/6/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	24.9
B2-SS31	12/6/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	77.1
B2-SS31	12/6/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	23.6
B2-SS32	12/6/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	239.98
B2-SS32	12/6/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	69.8
B2-SS33	12/6/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	207.87
B2-SS33	12/6/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	40.5
B2-SS34	12/6/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	26.29
B2-SS34	12/6/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	33.5
B2-SS35	12/6/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	43.71
B2-SS35	12/6/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	31.6
B2-SS36	12/6/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	63.33
B2-SS36	12/6/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	68.5
B2-SS37	12/6/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	18.92 M
B2-SS37	12/6/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	240.6 M
B2-SS38	12/6/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	58.07
B2-SS38	12/6/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	65.75

Sample	Sample	Sample	Sample	000	Residential Assessmer	nt Level	Critical PCL		Conc
ID	Date	depth begin	depth end	COC	Pathway	(mg/kg)	Pathway	(mg/kg)	(mk/kg)
B2-SS38	12/6/2010	0	0.5	Zinc	R30acr GW Soil Ing	155.8	R30acr GW Soil Ing	155.8	440.5
B2-SS38	12/6/2010	0	0.5	Zinc	R30acr GW Soil Ing	155.8	R30acr GW Soil Ing	155.8	390.9
B2-SS39	12/6/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	25.55
B2-SS39	12/6/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	60.8
B2-SS40	12/6/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	29.91
B2-SS40	12/6/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	149.6
B2-SS41	12/6/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	21.76
B2-SS41	12/6/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	47.2
B2-SS42	12/6/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	58.01
B2-SS42	12/6/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	26.4
B2-SS43	12/6/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	29.74
B2-SS43	12/6/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	28
B2-SS44	12/6/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	349.32
B2-SS44	12/6/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	21.6
B2-SS45	12/6/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	13.68
B2-SS45	12/6/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	20.2
B2-SS46	12/6/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	259.38 J
B2-SS46	12/6/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	90.8 J
B2-SS46	12/6/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	19.1
B2-SS46	12/6/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	19.8
B2-SS47	12/6/2010	0	0.5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	28.01 M
B2-SS47	12/6/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	22 M
B2-SS48	12/16/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	38.9
B2-SS49	12/16/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	45.3
B2-SS50	12/16/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	261.5
B2-SS51	12/16/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	38.5
B2-SS52	12/16/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	104.7
B2-SS53	12/16/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	45.4
B2-SS54	12/16/2010	0	0.5	Zinc	R30acr_GW_Soil_Ing	155.8	R30acr_GW_Soil_Ing	155.8	73.4
B2-SW01	1/6/2004	5	5	Cadmium	Surf_Bkgd	3	Surf_Bkgd	3	0.41 M
B2-SW01	1/6/2004	5	5	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	8.4 F
B2-SW01	1/6/2004	5	5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	48.57 M
B2-SW01	1/6/2004	5	5	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	7.99 J
B2-SW02	1/6/2004	5	5	Cadmium	Surf_Bkgd	3	Surf_Bkgd	3	0.28 M
B2-SW02	1/6/2004	5	5	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	10.5 F
B2-SW02	1/6/2004	5	5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	53.45 M
B2-SW02	1/6/2004	5	5	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	8.03 J
B2-SW02	3/4/2008	7	7	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	4.4
B2-SW03	1/6/2004	5	5	Cadmium	Surf_Bkgd	3	Surf_Bkgd	3	0.27 M
B2-SW03	1/6/2004	5	5	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	16.1 F
B2-SW03	1/6/2004	5	5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	34.57 M
B2-SW03	1/6/2004	5	5	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	11.2 J
B2-SW04	1/6/2004	5	5	Cadmium	Surf_Bkgd	3	Surf_Bkgd	3	0.19 M
B2-SW04	1/6/2004	5	5	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	8.8 F
B2-SW04	1/6/2004	5	5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	34.54 M
B2-SW04	1/6/2004	5	5	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	7.07 J
B2-SW05	1/6/2004	5	5	Cadmium	Surf_Bkgd	3	Surf_Bkgd	3	0.23 M
B2-SW05	1/6/2004	5	5	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	7.9 F
B2-SW05	1/6/2004	5	5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	41.83 M
B2-SW05	1/6/2004	5	5		K30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	6.69 J
B2-SW06	1/6/2004	5	5		Surt_Bkgd	3	Surf_Bkgd	3	0.84 M
B2-SW06	1/6/2004	5	5	Chromium, Total	K3Uacr_GW_Soil_Ing	1200	R3Uacr_GW_Soil_Ing	1200	20 J
B2-SW06	1/6/2004	5	5	Lead	K3Uacr_GW_Soil_Ing	500	R3Uacr_GW_Soil_Ing	500	155.89 M
B2-SW06	1/6/2004	5	5		K3Uacr_GW_Soil_Ing	/9	R3Uacr_GW_Soil_Ing	/9	13.57 J
B2-SW07	1/6/2004	5	5		Surt_Bkgd	3	Surt_Bkgd	3	0.2 M
B2-SW07	1/6/2004	5	5	Chromium, Total	K30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	10.4 F
B2-SW07	1/6/2004	5	5	Lead	K3Uacr_GW_Soil_Ing	500	R3Uacr_GW_Soil_Ing	500	124.74 M
B2-SW07	1/6/2004	5	5		R30acr_GW_Soil_Ing	/9	R30acr_GW_Soil_Ing	/9	7.54 J
B2-SW08	1/6/2004	5	5		SUIT_BKgd	3	SUIT_BKgd	3	0.27 M
B2-SW08	1/6/2004	5	5	Unromium, Total	R3Uacr_GW_Soil_Ing	1200	R3Uacr_GW_Soil_Ing	1200	24.4 J
B2-SW08	1/6/2004	5	5	Lead	K3Uacr_GW_Soil_Ing	500	R3Uacr_GW_Soil_Ing	500	22.22 M
BZ-SM08	1/6/2004	5	5	INICKEI	R3Uacr_GW_Soil_Ing	79	K3Uacr_GW_Soil_Ing	79	15.08 J

Sample	Sample	Sample	Sample	000	Residential Assessmer	nt Level	Critical PCL		Conc
ID	Date	depth begin	depth end	COC	Pathway	(mg/kg)	Pathway	(mg/kg)	(mk/kg)
B2-SW09	1/6/2004	5	5	Cadmium	Surf_Bkgd	3	Surf_Bkgd	3	0.1 M
B2-SW09	1/6/2004	5	5	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	5.7 F
B2-SW09	1/6/2004	5	5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	37.47 M
B2-SW09	1/6/2004	5	5	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	4.5 J
B2-SW10	1/6/2004	5	5	Cadmium	Surf_Bkgd	3	Surf_Bkgd	3	0.09 M
B2-SW10	1/6/2004	5	5	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	4.6 F
B2-SW10	1/6/2004	5	5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	58.89 M
B2-SW10	1/6/2004	5	5	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	4.58 J
B2-SW11	1/6/2004	5	5	Cadmium	Surf_Bkgd	3	Surf_Bkgd	3	0.77 M
B2-SW11	1/6/2004	5	5	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	15.7 F
B2-SW11	1/6/2004	5	5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	93.58 M
B2-SW11	1/6/2004	5	5	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	11.35 J
B2-SW12	1/6/2004	5	5	Cadmium	Surf_Bkgd	3	Surf_Bkgd	3	0.49 M
B2-SW12	1/6/2004	5	5	Cadmium	Surf_Bkgd	3	Surf_Bkgd	3	0.42 M
B2-SW12	1/6/2004	5	5	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	20.6 J
B2-SW12	1/6/2004	5	5	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	14.4 F
B2-SW12	1/6/2004	5	5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	94.34 M
B2-SW12	1/6/2004	5	5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	93.52 M
B2-SW12	1/6/2004	5	5	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	10.14 J
B2-SW12	1/6/2004	5	5	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	14.81 J
B2-SW13	1/6/2004	5	5	Cadmium	Surf_Bkgd	3	Surf_Bkgd	3	0.27 M
B2-SW13	1/6/2004	5	5	Cadmium	Surf_Bkgd	3	Surf_Bkgd	3	0.38 M
B2-SW13	1/6/2004	5	5	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	24.3 J
B2-SW13	1/6/2004	5	5	Chromium, Iotal	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	23.8 J
B2-SW13	1/6/2004	5	5	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	155.03 M
B2-SW13	1/6/2004	5	5	Lead	R30acr_GW_Soll_Ing	500	R30acr_GW_Soll_Ing	500	86.56 M
B2-SW13	1/6/2004	5	5	NICKEI	R30acr_GW_Soll_Ing	79	R30acr_GW_Soll_Ing	79	15.84 J
B2-SW13	1/6/2004	5	5	Nickel	R30acr_GW_Soll_Ing	19	R30acr_GW_Soll_Ing	19	15.63 J
B2-3W14	1/6/2004	3	3	Caumium Total	B20ppr CW/ Spilling	1200	B20ppr CW/ Spilling	1200	0.3 M
B2-SW14	1/6/2004	3	3	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	1081 A M
B2-SW14	1/6/2004	3 3	<u>ס</u>	Nickel	R30acr GW Soil Ing	79	R30acr_GW_Soil_Ing	79	12 1 1
B2-SW14	3/4/2008	4	4	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	2 30
B2-SW15	1/6/2004	3	3	Cadmium	Surf Bkgd	3	Surf Bkgd	3	0.65 M
B2-SW15	1/6/2004	3	3	Chromium, Total	R30acr GW Soil Ing	1200	R30acr GW Soil Ing	1200	21.4 1
B2-SW15	1/6/2004	3	3	Lead	R30acr GW Soil Ing	500	R30acr GW Soil Ing	500	283.38 M
B2-SW15	1/6/2004	3	3	Nickel	R30acr GW Soil Ing	79	R30acr GW Soil Ing	79	14.94 J
B2-SW16	1/6/2004	3	3	Cadmium	Surf Bkgd	3	Surf Bkgd	3	0.46 M
B2-SW16	1/6/2004	3	3	Chromium, Total	R30acr_GW_Soil_Ing	1200	R30acr_GW_Soil_Ing	1200	15.1 F
B2-SW16	1/6/2004	3	3	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	57.31 M
B2-SW16	1/6/2004	3	3	Nickel	R30acr_GW_Soil_Ing	79	R30acr_GW_Soil_Ing	79	9.88 J
B2-SW17	5/11/2004	3	3	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	17.71 M
B2-SW18	5/11/2004	3	3	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	61.44 M
B2-SW19	5/11/2004	3	3	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	85.13 M
B2-SW20	5/11/2004	3	3	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	39.17 M
B2-SW21	5/11/2004	3	3	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	189.73 M
B2-SW22	5/11/2004	3	3	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	28.42 M
B2-SW23	5/11/2004	3	3	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	83.15 M
B2-SW24	11/8/2004	3	3	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	107.77 M
B2-SW25	11/8/2004	3	3	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	222.41 M
B2-SW26	11/8/2004	3	3	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	105.9 M
B2-SW27	11/8/2004	3	3	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	37.03 M
B2-SW28	11/8/2004	3	3	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	48.34 M
B2-SW28	11/8/2004	3	3	Lead	R30acr_GW_Soil_Ing	500	R30acr_GW_Soil_Ing	500	373.26 M

Detections are bolded

Concentration (detected or not detected) exceeds Residential Assessment Level Concentration (detected or not detected) exceeds soil Critical PCL

Sample location has been excavated.

Sample	Sample	Sample	Sample	202	Residential Assessmen	t Level	Critical PCL		Conc
ID	Date	depth begin	depth end	COC	Pathway	(mg/kg)	Pathway	(mg/kg)	(mk/kg)
B2-B0T01	1/6/2004	16	16	Dinitrobenzene, 1.3-	MOL	0.4	MOL	0.4	<0.4 U
B2-B0T01	1/6/2004	16	16	Dinitrotoluene 24-	R30acr GW Soil Ing	0.003	R30acr GW Soil Ing	0.003	<0.4.11
B2-B0T01	1/6/2004	16	16	Dinitrotoluene, 2,4	MOI	0.000		0.000	<0.40
B2-B0101	1/6/2004	10	16	Dinitrotoluene, 2,0-	MQL	0.4	MQL	0.4	<0.40
B2-B0101	1/6/2004	16	16	Dinitrotoluene, 2-arrino-4,6-	MQL	0.4	MQL	0.4	<0.4 0
B2-B0101	1/6/2004	16	16	Dinitrotoluene, 4-amino-2,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-B0101	1/6/2004	16	16	нмх	R30acr_GW_Soil_Ing	1.2	R30acr_GW_Soil_Ing	1.2	<0.4 U
B2-B0T01	1/6/2004	16	16	Nitrobenzene	MQL	0.4	MQL	0.4	<0.4 U
B2-B0T01	1/6/2004	16	16	Nitrotoluene, 2-	MQL	0.4	MQL	0.4	<0.4 U
B2-B0T01	1/6/2004	16	16	Nitrotoluene, 3-	R30acr_GW_Soil_Ing	0.92	R30acr_GW_Soil_Ing	0.92	<0.4 U
B2-B0T01	1/6/2004	16	16	Nitrotoluene, 4-	MQL	0.4	MQL	0.4	<0.4 U
B2-B0T01	1/6/2004	16	16	RDX	MQL	0.4	MQL	0.4	<0.4 U
B2-B0T01	1/6/2004	16	16	Tetryl	MQL	0.4	MQL	0.4	<0.4 U
B2-B0T01	1/6/2004	16	16	Trinitrobenzene. 1.3.5-	R30acr GW Soil Ing	0.91	R30acr GW Soil Ing	0.91	<0.4 U
B2-B0T01	1/6/2004	16	16	Trinitrotoluene 246-	MOL	04	MOL	0.4	<0411
B2-B0T02	1/6/2004	16	16	Dinitrobenzene 13-	MOL	0.4	MOL	0.4	<0.411
B2 B0102	1/6/2004	16	16	Dinitrotoluene 24	R30acr GW/ Soil Ind	0.003	R30acr GW/ Soil Ind	0.003	0.40
B2-B0102	1/0/2004	10	10	Dinitrotoluene, 2,4-		0.003		0.003	0.00
B2-B0102	1/6/2004	16	16	Dinitrotoluene, 2,6-	MQL	0.4	NQL	0.4	<0.4.0
B2-B0102	1/6/2004	16	16	Dinitrotoluene, 2-amino-4,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-B0T02	1/6/2004	16	16	Dinitrotoluene, 4-amino-2,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-B0T02	1/6/2004	16	16	НМХ	R30acr_GW_Soil_Ing	1.2	R30acr_GW_Soil_Ing	1.2	<0.4 U
B2-B0T02	1/6/2004	16	16	Nitrobenzene	MQL	0.4	MQL	0.4	<0.4 U
B2-B0T02	1/6/2004	16	16	Nitrotoluene, 2-	MQL	0.4	MQL	0.4	<0.4 U
B2-B0T02	1/6/2004	16	16	Nitrotoluene, 3-	R30acr_GW_Soil_Ing	0.92	R30acr_GW_Soil_Ing	0.92	<0.4 U
B2-B0T02	1/6/2004	16	16	Nitrotoluene, 4-	MQL	0.4	MQL	0.4	<0.4 U
B2-B0T02	1/6/2004	16	16	RDX	MQL	0.4	MQL	0.4	<0.4 U
B2-B0T02	1/6/2004	16	16	Tetryl	MOL	0.4	MOL	0.4	<0.4 U
B2-B0T02	1/6/2004	16	16	Trinitrobenzene 135-	R30acr GW Soil Ing	0.91	R30acr GW Soil Ing	0.91	<0.411
B2-B0T02	1/6/2004	16	16		MOI	0.0	MOI	0.01	<0.1.0
B2-B0102	1/6/2004	10	10	Dipitrobonzono 1.2	MOL	0.4	MOL	0.4	<0.40
B2-B0103	1/0/2004	4	4	Dinitrobelizene, 1,3-	MQL	0.4	MQL	0.4	<0.4 U
B2-B0103	1/6/2004	4	4	Dinitrotoluene, 2,4-	MQL	0.5	NQL	0.5	<0.4.0
B2-B0103	1/6/2004	4	4	Dinitrotoluene, 2,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-B0T03	1/6/2004	4	4	Dinitrotoluene, 2-amino-4,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-B0T03	1/6/2004	4	4	Dinitrotoluene, 4-amino-2,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-B0T03	1/6/2004	4	4	HMX	MQL	2.2	MQL	2.2	<0.4 U
B2-B0T03	1/6/2004	4	4	Nitrobenzene	MQL	0.4	MQL	0.4	<0.4 U
B2-B0T03	1/6/2004	4	4	Nitrotoluene, 2-	MQL	0.4	MQL	0.4	<0.4 U
B2-B0T03	1/6/2004	4	4	Nitrotoluene, 3-	R30acr_GW_Soil_Ing	0.92	R30acr_GW_Soil_Ing	0.92	<0.4 U
B2-B0T03	1/6/2004	4	4	Nitrotoluene, 4-	MQL	0.5	MQL	0.5	<0.4 U
B2-B0T03	1/6/2004	4	4	RDX	MOL	1	MOL	1	<0.4 U
B2-B0T03	1/6/2004	4	4	Tetryl	MOL	0.65	MOL	0.65	<0.4 U
B2-B0T03	1/6/2004	4	4	Trinitrobenzene 135-	R30acr GW Soil Ing	0.00	R30acr GW Soil Ing	0.91	<0.411
B2 B0103	1/6/2004	4	4	Trinitrotoluono 246	MOI	0.01		0.01	<0.40
B2-B0103	1/0/2004	4	4	Dipitrohonzono 1.2	MQL	0.4	MQL	0.4	<0.4 U
D2-DU104	1/6/2004	4	4	Dimitrotoluces 2.4	MOL	0.4	MOL	0.4	>0.4 U
D2-BU104	1/0/2004	4	4	Dimitrotoluerie, 2,4-		0.5		0.5	NU.4 U
82-80104	1/6/2004	4	4	Dinitrotoluene, 2,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-B0T04	1/6/2004	4	4	Dinitrotoluene, 2-amino-4,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-B0T04	1/6/2004	4	4	Dinitrotoluene, 4-amino-2,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-B0T04	1/6/2004	4	4	HMX	MQL	2.2	MQL	2.2	<0.4 U
B2-B0T04	1/6/2004	4	4	Nitrobenzene	MQL	0.4	MQL	0.4	<0.4 U
B2-B0T04	1/6/2004	4	4	Nitrotoluene, 2-	MQL	0.4	MQL	0.4	<0.4 U
B2-B0T04	1/6/2004	4	4	Nitrotoluene, 3-	R30acr_GW_Soil_Ing	0.92	R30acr_GW_Soil_Ing	0.92	<0.4 U
B2-B0T04	1/6/2004	4	4	Nitrotoluene, 4-	MQL	0.5	MQL	0.5	<0.4 U
B2-B0T04	1/6/2004	4	4	RDX	MQL	1	MQL	1	<0.4 U
B2-B0T04	1/6/2004	4	4	Tetrvl	MOL	0.65	MOL	0.65	<0.411
B2-B0T04	1/6/2004	4	Д	Trinitrohenzene 135-	R30acr GW Soil Ing	0.91	R30acr GW Soil Ind	0.91	<0.4.11
B2.B0104	1/6/2004	-+	- 1 /	Trinitrotoluene 2/6		0.91		0.91	<0.40
D2-D0104	1/6/2004	4	4	Dinitrohonzone 4.2	MOL	0.4	MOL	0.4	<0.4 U
B2-BUIU3	1/0/2004	4	4			0.4		0.4	<0.4 U
B2-B0105	1/6/2004	4	4	Dinitrotoluene, 2,4-		0.5	MQL	0.5	<0.4 0
B2-B0105	1/6/2004	4	4	Dinitrotoluene, 2,6-	NIQL	0.4	NIQL	0.4	<0.4 U
B2-B0T05	1/6/2004	4	4	Dinitrotoluene, 2-amino-4,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-B0T05	1/6/2004	4	4	Dinitrotoluene, 4-amino-2,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-B0T05	1/6/2004	4	4	HMX	MQL	2.2	MQL	2.2	<0.4 U
B2-B0T05	1/6/2004	4	4	Nitrobenzene	MQL	0.4	MQL	0.4	<0.4 U
B2-B0T05	1/6/2004	4	4	Nitrotoluene, 2-	MQL	0.4	MQL	0.4	<0.4 U
B2-B0T05	1/6/2004	4	4	Nitrotoluene, 3-	R30acr_GW_Soil Ing	0.92	R30acr_GW_Soil Ing	0.92	<0.4 U
B2-B0T05	1/6/2004	4	4	Nitrotoluene, 4-	MQL	0.5	MQL	0.5	<0.4 U
B2-B0T05	1/6/2004	4	4	RDX	MOL	1	MOL	1	<0.411
B2-B0T05	1/6/2004	4	4	Tetrvl	MOL	0.65	MOL	0.65	<0.411

Sample	Sample	Sample	Sample	000	Residential Assessmen	t Level	Critical PCL		Conc
ID	Date	depth begin	depth end	COC	Pathway	(mg/kg)	Pathway	(mg/kg)	(mk/kg)
B2-B0T05	1/6/2004	4	4	Trinitrobenzene 1.3.5-	R30acr GW Soil Ing	0.91	R30acr GW Soil Ing	0.91	<0.4.11
B2-B0T05	1/6/2004	4	4	Trinitrotoluene 246-	MOI	0.4	MOI	0.4	<0.4.U
B2-B0T12	12/6/2010	8.5	9	Dinitrobenzene 1.3-	MOL	0.4	MOL	0.4	<0.25 U
B2-B0T12	12/6/2010	8.5	9	Dinitrotoluene, 2.4-	MOL	0.5	MOL	0.5	<0.5 U
B2-B0T12	12/6/2010	85	9	Dinitrotoluene 2.6-	MOL	0.4	MOL	0.4	<0.2611
B2-B0T12	12/6/2010	85	9	HMX	MQL	22	MOL	22	<2.211
B2-B0T12	12/6/2010	85	9	Nitrobenzene	MQL	0.4	MOL	0.4	<0.2611
B2-B0T12 B2-B0T12	12/6/2010	85	9	Nitrotoluene 2-	MQL	0.4	MOL	0.4	<0.25 U
B2-B0T12	12/6/2010	85	9	Nitrotoluene 3-	R30acr GW Soil Ing	0.92	R30acr GW Soil Ing	0.92	<0.611
B2-B0T12	12/6/2010	8.5	9	Nitrotoluene, 3	MOI	0.52		0.52	<0.00
B2-B0T12	12/6/2010	85	9	RDX	MQL	1	MOL	1	<111
B2-B0T12	12/6/2010	8.5	9	Tetryl	MOL	0.65	MOL	0.65	<0.65.11
B2-B0T12 B2-B0T12	12/6/2010	8.5	9	Trinitrobenzene 135	R30acr GW Soil Ind	0.00	R30acr GW Soil Ind	0.03	<0.05 U
B2-B0T12	12/6/2010	8.5	9	Trinitrobelizene, 1,5,5	MOI	0.01		0.01	<0.25 U
B2-5P01	11/8/2004	0.5	0.5	Dinitrobenzene 1 3-	MOL	0.4	MOL	0.4	<0.25 U
B2-SP01	11/8/2004	0	0.5	Dinitrotoluene 2.4-	MQL	0.4	MOL	0.4	<0.200
B2-SP01	11/8/2004	0	0.5	Dinitrotoluene, 2,4	MQL	0.0	MOL	0.0	<0.50
B2-SP01	11/8/2004	0	0.5	HMX	MOL	2.2	MOL	2.2	<2.200
B2-5F01	11/8/2004	0	0.5	Nitrobonzono	MOL	2.2	MOL	2.2	<0.26.11
B2-SP01	11/8/2004	0	0.5	Nitrotoluene 2-	MOL	0.4	MOL	0.4	<0.200
B2-SFU1 B2-SP01	11/8/2004	0	0.5	Nitrotoluene, 2-	R30acr GW Soil Ind	0.4	R30acr GW Soil Ind	0.4	<0.200
B2-SP01	11/8/2004	0	0.5	Nitrotoluene 4	MOI	0.52		0.52	<0.00 <0.5U
B2-SPUL B2-SD01	11/8/2004	0	0.5	RDX	MOL	0.5	MOL	0.5	<0.50
B2-3FU1 B2-9D01	11/8/2004	0	0.5	Tetn/	MOL	1	MOL	1	
B2-SPU1 B2-SD01	11/8/2004	0	0.5	Trinitrobenzene 125	R3Dacr GW/ Soil Ind	0.05	R30acr CW/ Soil Ind	0.05	<0.050
B2-3PUL B2 6D04	11/0/2004	0	0.5	Trinitrotoluono 246		0.91		0.91	<0.20 U
B2-SPU1	11/8/2004	0	0.5	Dipitrohonzono 1.2	MQL	0.4	MQL	0.4	<0.25 U
B2-3P02	11/8/2004	0	0.5	Dinitrobenzene, 1,3-	MQL	0.4	MQL	0.4	<0.25 0
B2-3F02	11/8/2004	0	0.5	Dinitrotoluene, 2,4-	MQL	0.5	MQL	0.5	
B2-3P02	11/8/2004	0	0.5		MQL	0.4	MQL	0.4	<0.26 0
B2-3P02	11/8/2004	0	0.5	Nitrobonzono	MOL	2.2	MOL	2.2	<0.2611
B2-SP02	11/8/2004	0	0.5	Nitrobenzene	MQL	0.4	MQL	0.4	<0.26 U
B2-SP02	11/8/2004	0	0.5	Nitrotoluene, 2-	NUQL	0.4	NUQL	0.4	<0.25 U
B2-SP02	11/8/2004	0	0.5	Nitrotoluene, 3-	R30acr_GW_Soll_Ing	0.92	R30acr_Gw_Soll_ing	0.92	<0.6 U
B2-SP02	11/8/2004	0	0.5	Nitrotoluene, 4-	MQL	0.5	MQL	0.5	<0.5 U
B2-SP02	11/8/2004	0	0.5	RDX	MQL	1	MQL	1	<10 10.05 H
B2-SP02	11/8/2004	0	0.5	Tetryi	MQL	0.65	MQL	0.65	<0.65 U
B2-SP02	11/8/2004	0	0.5	Trinitrobenzene, 1,3,5-	R30acr_GW_Soil_Ing	0.91	R30acr_GW_Soil_ing	0.91	<0.25 U
B2-SP02	11/8/2004	0	0.5	Disitive terrane 4.2	MQL	0.4	MQL	0.4	<0.25 0
B2-SS01	12/20/2004	0	0.5	Dinitrobenzene, 1,3-	MQL	0.4	MQL	0.4	< 0.25 0
B2-SS01	12/20/2004	0	0.5	Dinitrotoluene, 2,4-	MQL	0.5	MQL	0.5	< 0.5 U
B2-SS01	12/20/2004	0	0.5	Dinitrotoluene, 2,6-	MQL	0.4	MQL	0.4	<0.26 0
B2-SS01	12/20/2004	0	0.5	HIVIX	MQL	2.2	MQL	2.2	<2.2.0
B2-SS01	12/20/2004	0	0.5	Nitrobenzene	MQL	0.4	MQL	0.4	<0.26 0
B2-SS01	12/20/2004	0	0.5	Nitrotoluene, 2-	MQL	0.4	MQL	0.4	< 0.25 0
B2-SS01	12/20/2004	0	0.5	Nitrotoluene, 3-	R3Uacr_GW_Soll_Ing	0.92	R30acr_Gw_Soll_Ing	0.92	<0.6 U
B2-SS01	12/20/2004	0	0.5	Nitrotoluene, 4-	MQL	0.5	MQL	0.5	<0.5 U
B2-SS01	12/20/2004	0	0.5	KUA Tota d		1	MOL	1	<1 M
B2-SSU1	12/20/2004	0	0.5	Trinitrohon-one 4.2.5	NIQL	0.65		0.65	<0.65 U
B2-5501	12/20/2004	0	0.5	Trinitropenzene, 1,3,5-	R3Uacr_GW_S0II_INg	0.91	RSUBCI_GW_SOIL_ING	0.91	<0.25 U
B2-5501	12/20/2004	0	0.5	Dinitrotoluene, 2,4,6-	IVIQL	0.4	IVIQL	0.4	< 0.25 U
B2-5502	12/20/2004	0	0.5	Dinitrobenzene, 1,3-	IVIQL	0.4	IVIQL	0.4	< 0.25 U
B2-SS02	12/20/2004	0	0.5	Dinitrotoluene, 2,4-	IVIQL	0.5	MQL	0.5	< 0.5 U
B2-SS02	12/20/2004	0	0.5	Dinitrotoluene, 2,6-	MQL	0.4	MQL	0.4	<0.26 U
B2-5502	12/20/2004	0	0.5		IVIQL	2.2	IVIQL	2.2	<2.2 U
B2-5502	12/20/2004	0	0.5	INILIODENZENE	IVIQL	0.4	MOL	0.4	<0.26 U
B2-SS02	12/20/2004	0	0.5	INITIOTOIUENE, 2-		0.4	WIQL	0.4	<0.25 U
B2-SS02	12/20/2004	0	0.5	INITrotoluene, 3-	R3Uacr_GW_Soil_Ing	0.92	K3Uacr_GW_Soil_Ing	0.92	<0.60
B2-SS02	12/20/2004	0	0.5	INITrotoluene, 4-	MQL	0.5	MQL	0.5	<0.5 U
B2-5502	12/20/2004	0	0.5		IVIQL	1	IVIQL	1	<10
B2-SS02	12/20/2004	0	0.5		MQL	0.65	MQL	0.65	<0.65 U
B2-SS02	12/20/2004	0	0.5	Trinitrobenzene, 1,3,5-	R3Uacr_GW_Soil_Ing	0.91	K3Uacr_GW_Soil_Ing	0.91	<0.25 U
B2-SS02	12/20/2004	0	0.5	i rinitrotoluene, 2,4,6-	MQL	0.4	MQL	0.4	<0.25 U
B2-SS03	12/20/2004	0	0.5	Dinitrobenzene, 1,3-	MQL	0.4	MQL	0.4	<0.25 U
B2-SS03	12/20/2004	0	0.5	Dinitrotoluene, 2,4-	MQL	0.5	MQL	0.5	<0.5 U
B2-SS03	12/20/2004	0	0.5	Dinitrotoluene, 2,6-	MQL	0.4	MQL	0.4	<0.26 U
B2-SS03	12/20/2004	0	0.5	HIVIX	MQL	2.2	MQL	2.2	<2.2 U
B2-SS03	12/20/2004	0	0.5	Nitrobenzene	MQL	0.4	MQL	0.4	<0.26 U
B2-SS03	12/20/2004	0	0.5	Nitrotoluene, 2-	MQL	0.4	MQL	0.4	<0.25 U

Sample	Sample	Sample	Sample	600	Residential Assessmen	t Level	Critical PCL		Conc
ID	Date	depth begin	depth end	COC	Pathway	(mg/kg)	Pathway	(mg/kg)	(mk/kg)
B2-SS03	12/20/2004	0	0.5	Nitrotoluene, 3-	R30acr GW Soil Ing	0.92	R30acr GW Soil Ing	0.92	<0.6 U
B2-SS03	12/20/2004	0	0.5	Nitrotoluene 4-	MOI	0.5	MOI	0.5	<0.5.11
B2-SS03	12/20/2004	0	0.5	RDX	MQL	1	MOL	1	<111
B2-5503	12/20/2004	0	0.5	Tetn/	MQL	0.65	MOL	0.65	<0.65.11
B2-5505	12/20/2004	0	0.5	Trinitrobonzono 125	R20aar GW/ Soil Ind	0.03	R20aar GW Soil Ind	0.03	<0.05 U
B2-3303	12/20/2004	0	0.5	Trinitrobelizelle, 1,3,5-	KSUaci_GW_SUILINg	0.91	KSUACI_GW_SUII_IIIg	0.91	<0.25 U
B2-3303	12/20/2004	0	0.5	Disitrahansana 4.2	MQL	0.4	MQL	0.4	<0.25 U
B2-3304	12/20/2004	0	0.5	Dinitrobelizene, 1,3-	MQL	0.4	MQL	0.4	<0.25 U
B2-5504	12/20/2004	0	0.5	Dinitrotoluene, 2,4-	MQL	0.5	NQL	0.5	<0.5 U
B2-SS04	12/20/2004	0	0.5	Dinitrotoluene, 2,6-	MQL	0.4	MQL	0.4	<0.26 U
B2-SS04	12/20/2004	0	0.5	HMX	MQL	2.2	MQL	2.2	<2.20
B2-SS04	12/20/2004	0	0.5	Nitrobenzene	MQL	0.4	MQL	0.4	<0.26 U
B2-SS04	12/20/2004	0	0.5	Nitrotoluene, 2-	MQL	0.4	MQL	0.4	<0.25 U
B2-SS04	12/20/2004	0	0.5	Nitrotoluene, 3-	R30acr_GW_Soil_Ing	0.92	R30acr_GW_Soil_Ing	0.92	<0.6 U
B2-SS04	12/20/2004	0	0.5	Nitrotoluene, 4-	MQL	0.5	MQL	0.5	<0.5 U
B2-SS04	12/20/2004	0	0.5	RDX	MQL	1	MQL	1	<1U
B2-SS04	12/20/2004	0	0.5	Tetryl	MQL	0.65	MQL	0.65	<0.65 U
B2-SS04	12/20/2004	0	0.5	Trinitrobenzene, 1,3,5-	R30acr_GW_Soil_Ing	0.91	R30acr_GW_Soil_Ing	0.91	<0.25 U
B2-SS04	12/20/2004	0	0.5	Trinitrotoluene, 2,4,6-	MQL	0.4	MQL	0.4	<0.25 U
B2-SS05	12/20/2004	0	0.5	Dinitrobenzene, 1,3-	MQL	0.4	MQL	0.4	<0.25 U
B2-SS05	12/20/2004	0	0.5	Dinitrotoluene, 2,4-	MQL	0.5	MQL	0.5	<0.5 U
B2-SS05	12/20/2004	0	0.5	Dinitrotoluene, 2,6-	MQL	0.4	MQL	0.4	<0.26 U
B2-SS05	12/20/2004	0	0.5	НМХ	MQL	2.2	MQL	2.2	<2.2 U
B2-SS05	12/20/2004	0	0.5	Nitrobenzene	MQL	0.4	MQL	0.4	<0.26 U
B2-SS05	12/20/2004	0	0.5	Nitrotoluene, 2-	MQL	0.4	MQL	0.4	<0.25 U
B2-SS05	12/20/2004	0	0.5	Nitrotoluene, 3-	R30acr GW Soil Ing	0.92	R30acr GW Soil Ing	0.92	<0.6 U
B2-SS05	12/20/2004	0	0.5	Nitrotoluene 4-	MOL	0.5	MOL	0.5	<0.5 U
B2-SS05	12/20/2004	0	0.5	RDX	MOL	1	MOL	1	<1.11
B2-SS05	12/20/2004	0	0.5	Tetryl	MOL	0.65	MOL	0.65	<0.65.11
B2-5505	12/20/2004	0	0.5	Trinitrobenzene 135	R3Dacr GW Soil Ind	0.00	R30acr GW Soil Ind	0.00	<0.05 U
B2-5505	12/20/2004	0	0.5	Trinitrotoluene 246-	MOI	0.31	MOI	0.31	<0.25 U
B2-5505	12/20/2004	0	0.5	Dipitrobonzono 1.2	MQL	0.4	MOL	0.4	<0.25 U
B2-3306	12/20/2004	0	0.5	Dinitrobelizene, 1,3-	MQL	0.4	MQL	0.4	<0.25 0
B2-3306	12/20/2004	0	0.5	Dinitrotoluene, 2,4-	MQL	0.5	MQL	0.5	<0.5 U
B2-5506	12/20/2004	0	0.5	Dinitrotoiuene, 2,6-	MQL	0.4	MQL	0.4	<0.26 0
B2-SS06	12/20/2004	0	0.5	HMX	MQL	2.2	MQL	2.2	<2.20
B2-SS06	12/20/2004	0	0.5	Nitrobenzene	MQL	0.4	MQL	0.4	<0.26 U
B2-SS06	12/20/2004	0	0.5	Nitrotoluene, 2-	MQL	0.4	MQL	0.4	<0.25 U
B2-SS06	12/20/2004	0	0.5	Nitrotoluene, 3-	R30acr_GW_Soil_Ing	0.92	R30acr_GW_Soil_Ing	0.92	<0.6 U
B2-SS06	12/20/2004	0	0.5	Nitrotoluene, 4-	MQL	0.5	MQL	0.5	<0.5 U
B2-SS06	12/20/2004	0	0.5	RDX	MQL	1	MQL	1	<1U
B2-SS06	12/20/2004	0	0.5	Tetryl	MQL	0.65	MQL	0.65	<0.65 U
B2-SS06	12/20/2004	0	0.5	Trinitrobenzene, 1,3,5-	R30acr_GW_Soil_Ing	0.91	R30acr_GW_Soil_Ing	0.91	<0.25 U
B2-SS06	12/20/2004	0	0.5	Trinitrotoluene, 2,4,6-	MQL	0.4	MQL	0.4	<0.25 U
B2-SS07	12/20/2004	0	0.5	Dinitrobenzene, 1,3-	MQL	0.4	MQL	0.4	<0.25 U
B2-SS07	12/20/2004	0	0.5	Dinitrotoluene, 2,4-	MQL	0.5	MQL	0.5	<0.5 U
B2-SS07	12/20/2004	0	0.5	Dinitrotoluene, 2,6-	MQL	0.4	MQL	0.4	<0.26 U
B2-SS07	12/20/2004	0	0.5	НМХ	MQL	2.2	MQL	2.2	<2.2 U
B2-SS07	12/20/2004	0	0.5	Nitrobenzene	MQL	0.4	MQL	0.4	<0.26 U
B2-SS07	12/20/2004	0	0.5	Nitrotoluene, 2-	MQL	0.4	MQL	0.4	<0.25 U
B2-SS07	12/20/2004	0	0.5	Nitrotoluene, 3-	R30acr_GW_Soil_Ing	0.92	R30acr_GW_Soil_Ing	0.92	<0.6 U
B2-SS07	12/20/2004	0	0.5	Nitrotoluene, 4-	MQL	0.5	MQL	0.5	<0.5 U
B2-SS07	12/20/2004	0	0.5	RDX	MOL	1	MOL	1	<1U
B2-SS07	12/20/2004	0	0.5	Tetrvl	MOL	0.65	MOL	0.65	<0.6511
B2-5507	12/20/2004	0	0.5	Trinitrobenzene 135-	R30acr GW Soil Ing	0.91	R30acr GW Soil Ing	0.91	<0.2511
B2-SS07	12/20/2004	0	0.5	Trinitrotoluene 246	MOI	0.01	MOI	0.01	<0.2511
B2-5507	12/20/2004	0	0.5	Dinitrohenzene 12	MOL	0.4	MOI	0.4	<0.250
B2-9000	12/20/2004	0	0.5	Dinitrotoluene 21	MOL	0.4	MOL	0.4	<0.200
B2-5500	12/20/2004	0	0.5	Dinitrotoluono 2.6	MOL	0.5	MOL	0.5	
D2-33U8	12/20/2004	0	0.5		MOL	0.4	MOL	0.4	<0.20U
D2-3508	12/20/2004	0	0.5		MOL	2.2		2.2	<2.2 U
B2-5508	12/20/2004	0	0.5	Nitroberizerie		0.4		0.4	<0.26 U
B2-SS08	12/20/2004	0	0.5	INItrotoluene, 2-	MQL	0.4	MQL	0.4	<0.25 U
B2-SS08	12/20/2004	0	0.5	INITROTOIUENE, 3-	кзuacr_GW_Soil_Ing	0.92	R3Uacr_GW_Soil_Ing	0.92	<0.6 U
B2-SS08	12/20/2004	0	0.5	INITROTOIUENE, 4-	MQL	0.5	MQL	0.5	<0.5 U
B2-SS08	12/20/2004	0	0.5	RDX	MQL	1	MQL	1	<1U
B2-SS08	12/20/2004	0	0.5	Tetryl	MQL	0.65	MQL	0.65	<0.65 U
B2-SS08	12/20/2004	0	0.5	Trinitrobenzene, 1,3,5-	R30acr_GW_Soil_Ing	0.91	R30acr_GW_Soil_Ing	0.91	<0.25 U
B2-SS08	12/20/2004	0	0.5	Trinitrotoluene, 2,4,6-	MQL	0.4	MQL	0.4	<0.25 U
B2-SW01	1/6/2004	5	5	Dinitrobenzene, 1,3-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW01	1/6/2004	5	5	Dinitrotoluene, 2,4-	MQL	0.5	MQL	0.5	<0.4 U

Sample	Sample	Sample	Sample	000	Residential Assessment Level		Critical PCL	Critical PCL	
ID	Date	depth begin	depth end	COC	Pathway	(mg/kg)	Pathway	(mg/kg)	(mk/kg)
B2-SW01	1/6/2004	5	5	Dinitrotoluene, 2.6-	MOL	0.4	MOL	0.4	<0.4 U
B2-SW01	1/6/2004	5	5	Dinitrotoluene 2-amino-4.6-	MOL	0.4	MOL	0.4	<0.4.11
B2-SW01	1/6/2004	5	5	Dinitrotoluene 4-amino-2.6-	MQL	0.4	MQL	0.4	<0.40
R2-SW01	1/6/2004	5	5		MOL	22	MOL	22	<0.411
P2 SW01	1/6/2004	5	5	Nitrobonzono		2.2		2.2 0.4	~0.411
D2-3WU1	1/0/2004	5	5	Nitroteluene 2		0.4		0.4	×0.4 U
BZ-2MOT	1/0/2004	5	5	Nitrotoluene, 2-	MUL Soil Ind	0.4	MUL Soil Ind	0.4	<0.4 U
B2-SWU1	1/6/2004	5	5	Nitrotoiuene, 3-	R30acr_Gw_Soll_ing	0.92	R30acr_Gw_Soll_ing	0.92	<0.4 U
B2-SWU1	1/6/2004	5	5	Nitrotoiuene, 4-	MQL	0.5	MQL	0.5	<0.4 0
B2-SW01	1/6/2004	5	5	RDX	MQL	1	MQL	1	<0.4 U
B2-SW01	1/6/2004	5	5	Tetryl	MQL	0.65	MQL	0.65	<0.4 U
B2-SW01	1/6/2004	5	5	Trinitrobenzene, 1,3,5-	R30acr_GW_Soil_Ing	0.91	R30acr_GW_Soil_Ing	0.91	<0.4 U
B2-SW01	1/6/2004	5	5	Trinitrotoluene, 2,4,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW02	1/6/2004	5	5	Dinitrobenzene, 1,3-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW02	1/6/2004	5	5	Dinitrotoluene, 2,4-	MQL	0.5	MQL	0.5	<0.4 U
B2-SW02	1/6/2004	5	5	Dinitrotoluene, 2,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW02	1/6/2004	5	5	Dinitrotoluene, 2-amino-4,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW02	1/6/2004	5	5	Dinitrotoluene, 4-amino-2,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW02	1/6/2004	5	5	HMX	MQL	2.2	MQL	2.2	<0.4 U
B2-SW02	1/6/2004	5	5	Nitrobenzene	MQL	0.4	MQL	0.4	<0.4 U
B2-SW02	1/6/2004	5	5	Nitrotoluene, 2-	MOL	0.4	MOL	0.4	<0.4 U
B2-SW02	1/6/2004	5	5	Nitrotoluene, 3-	R30acr GW_Soil_Ing	0.92	R30acr GW_Soil_Ing	0.92	<0.4 U
B2-SW02	1/6/2004	5	5	Nitrotoluene 4-	MOL	0.5	MOL	0.5	<0.4 U
B2-SW02	1/6/2004	5	5	RDX	MOL	1	MOL	1	<0.4.U
R2_SW02	1/6/2004	5	5	Totn/l	MOL	0.65	MOL	0.65	<0.41
R2-SW02	1/6/2004	5	5	Trinitrohenzene 135-	DRADAR GW Soil Ing	0.00	DRADAR GW Soil Ing	0.00	<0.40
B2-01102	1/0/2007	5	5	Trinitrotoluono 246		0.91		0.31	~0.411
B2-3WU2	1/0/2004	с С	с С	Triffillroloidene, 2,4,0-	MQL	0.4	MQL	0.4	<0.4 U
B2-SWUS	1/6/2004	5 E	5	Dinitrobenzerie, 1,5-	MQL	0.4	MQL	0.4	<0.4 u
B2-SW03	1/6/2004	5	5	Dinitrotoiuene, 2,4-	MQL	0.5	MQL	0.5	<0.4 U
B2-SW03	1/6/2004	5	5	Dinitrotoluene, 2,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW03	1/6/2004	5	5	Dinitrotoluene, 2-amino-4,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW03	1/6/2004	5	5	Dinitrotoluene, 4-amino-2,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW03	1/6/2004	5	5	HMX	MQL	2.2	MQL	2.2	<0.4 U
B2-SW03	1/6/2004	5	5	Nitrobenzene	MQL	0.4	MQL	0.4	<0.4 U
B2-SW03	1/6/2004	5	5	Nitrotoluene, 2-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW03	1/6/2004	5	5	Nitrotoluene, 3-	R30acr_GW_Soil_Ing	0.92	R30acr_GW_Soil_Ing	0.92	<0.4 U
B2-SW03	1/6/2004	5	5	Nitrotoluene, 4-	MQL	0.5	MQL	0.5	<0.4 U
B2-SW03	1/6/2004	5	5	RDX	MQL	1	MQL	1	<0.4 U
B2-SW03	1/6/2004	5	5	Tetryl	MQL	0.65	MQL	0.65	<0.4 U
B2-SW03	1/6/2004	5	5	Trinitrobenzene, 1,3,5-	R30acr_GW_Soil_Ing	0.91	R30acr_GW_Soil_Ing	0.91	<0.4 U
B2-SW03	1/6/2004	5	5	Trinitrotoluene, 2,4,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW04	1/6/2004	5	5	Dinitrobenzene, 1,3-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW04	1/6/2004	5	5	Dinitrotoluene, 2,4-	MOL	0.5	MOL	0.5	<0.4 U
B2-SW04	1/6/2004	5	5	Dinitrotoluene, 2,6-	MOL	0.4	MOL	0.4	<0.4 U
B2-SW04	1/6/2004	5	5	Dinitrotoluene, 2-amino-4.6-	MOL	0.4	MOL	0.4	<0.4 U
B2-SW04	1/6/2004	5	5	Dinitrotoluene, 4-amino-2,6-	MOI	0.4	MOL	0.4	<0.4 U
R2-SW04	1/6/2004	5	5	нмх		22	MOL	2.2	<0.4.U
R2-SW04	1/6/2004	5	5	Nitrohenzene	MQL	0.4	MOL	0.4	<0.41
R2_SW/04	1/6/2004	5	5	Nitrotoluono 9-		0.4		0.4	<0.411
P2-SW04	1/6/2004	5	5	Nitratoluono 2	BODDAR GW/ Soil Ind	0.7	BROOM CW Soil Ind	0.7	~0.411
	1/6/2004	5	5	Nitrotoluono 4		0.52		0.52	~0.411
B2-3W04	1/0/2004	с С	с С	NItroloiuene, 4-	MQL	0.5	MQL	0.5	<0.4 U
B2-5W04	1/6/2004	5	5	RDX	MQL	1 1	MQL	1	<0.4 U
B2-5W04	1/6/2004	5	5	Tetryi	MQL	0.00	MQL	0.65	<0.4 0
B2-SW04	1/6/2004	5	5	Trinitrobenzene, 1,3,5-	R30acr_GW_Soil_ing	0.91	R30acr_GW_Soil_ing	0.91	<0.4 U
B2-SW04	1/6/2004	5	5	Trinitrotoluene, 2,4,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW05	1/6/2004	5	5	Dinitrobenzene, 1,3-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW05	1/6/2004	5	5	Dinitrotoluene, 2,4-	MQL	0.5	MQL	0.5	<0.4 U
B2-SW05	1/6/2004	5	5	Dinitrotoluene, 2,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW05	1/6/2004	5	5	Dinitrotoluene, 2-amino-4,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW05	1/6/2004	5	5	Dinitrotoluene, 4-amino-2,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW05	1/6/2004	5	5	HMX	MQL	2.2	MQL	2.2	<0.4 U
B2-SW05	1/6/2004	5	5	Nitrobenzene	MQL	0.4	MQL	0.4	<0.4 U
B2-SW05	1/6/2004	5	5	Nitrotoluene, 2-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW05	1/6/2004	5	5	Nitrotoluene, 3-	R30acr_GW_Soil_Ing	0.92	R30acr_GW_Soil_Ing	0.92	<0.4 U
B2-SW05	1/6/2004	5	5	Nitrotoluene, 4-	MQL	0.5	MQL	0.5	<0.4 U
B2-SW05	1/6/2004	5	5	RDX	MQL	1	MQL	1	<0.4 U
B2-SW05	1/6/2004	5	5	Tetryl	MQL	0.65	MQL	0.65	<0.4 U
B2-SW05	1/6/2004	5	5	Trinitrobenzene, 1.3.5-	R30acr GW Soil Ing	0.91	R30acr GW Soil Ing	0.91	<0.4 U
B2-SW05	1/6/2004	5	5	Trinitrotoluene, 2,4,6-	MQL	0.4	MQL	0.4	<0.4 U

Sample	Sample	Sample	Sample	606	Residential Assessmen	t Level	Critical PCL		Conc
ID	Date	depth begin	depth end	COC	Pathway	(mg/kg)	Pathway	(mg/kg)	(mk/kg)
B2-SW06	1/6/2004	5	5	Dinitrobenzene. 1.3-	MOL	0.4	MOL	0.4	<0.4 U
B2-SW06	1/6/2004	5	5	Dinitrotoluene, 2.4-	MOL	0.5	MOL	0.5	<0.4 U
B2-SW06	1/6/2004	5	5	Dinitrotoluene, 2,6-	MOL	0.4	MOI	0.4	<0.4.U
B2-SW06	1/6/2004	5	5	Dinitrotoluene, 2-amino-4.6-	MOL	0.4	MOL	0.4	<0.4 U
B2-SW06	1/6/2004	5	5	Dinitrotoluene 4-amino-2 6-	MOL	0.4	MOI	0.4	<0.4.11
B2-SW06	1/6/2004	5	5	HMX	MQL	2.2	MOL	2.1	<0.4 U
B2-SW06	1/6/2004	5	5	Nitrobenzene	MQL	0.4	MOL	0.4	<0.411
B2-SW00	1/6/2004	5	5	Nitrotoluene 2	MQL	0.4	MOL	0.4	<0.40
B2-5W00	1/6/2004	5	5	Nitrotoluono 2	D20cor CW/ Soil Ing	0.4	R20ppr CW Spilling	0.4	<0.4 U
B2-5W00	1/6/2004	5	5	Nitrotoluene, 3-	RSUaci_GW_Suii_ing	0.92	RSUBCI_GW_SUIL_ING	0.92	<0.4 U
B2-SW06	1/6/2004	5	5	Nitrotoluene, 4-	MQL	0.5	MQL	0.5	<0.4 U
B2-SW06	1/6/2004	5	5		MQL	1	MQL	1	<0.4 0
B2-SW06	1/6/2004	5	5	Tetryi	MQL	0.65	MQL	0.65	<0.4 U
B2-SW06	1/6/2004	5	5	Trinitrobenzene, 1,3,5-	R30acr_GW_Soil_Ing	0.91	R30acr_GW_Soil_Ing	0.91	<0.4 U
B2-SW06	1/6/2004	5	5	Trinitrotoluene, 2,4,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW07	1/6/2004	5	5	Dinitrobenzene, 1,3-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW07	1/6/2004	5	5	Dinitrotoluene, 2,4-	MQL	0.5	MQL	0.5	<0.4 U
B2-SW07	1/6/2004	5	5	Dinitrotoluene, 2,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW07	1/6/2004	5	5	Dinitrotoluene, 2-amino-4,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW07	1/6/2004	5	5	Dinitrotoluene, 4-amino-2,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW07	1/6/2004	5	5	HMX	MQL	2.2	MQL	2.2	<0.4 U
B2-SW07	1/6/2004	5	5	Nitrobenzene	MQL	0.4	MQL	0.4	<0.4 U
B2-SW07	1/6/2004	5	5	Nitrotoluene, 2-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW07	1/6/2004	5	5	Nitrotoluene, 3-	R30acr_GW_Soil_Ing	0.92	R30acr_GW_Soil_Ing	0.92	<0.4 U
B2-SW07	1/6/2004	5	5	Nitrotoluene, 4-	MQL	0.5	MQL	0.5	<0.4 U
B2-SW07	1/6/2004	5	5	RDX	MQL	1	MQL	1	<0.4 U
B2-SW07	1/6/2004	5	5	Tetryl	MQL	0.65	MQL	0.65	<0.4 U
B2-SW07	1/6/2004	5	5	Trinitrobenzene, 1,3,5-	R30acr GW Soil Ing	0.91	R30acr GW Soil Ing	0.91	<0.4 U
B2-SW07	1/6/2004	5	5	Trinitrotoluene, 2,4,6-	MOL	0.4	MQL	0.4	<0.4 U
B2-SW08	1/6/2004	5	5	Dinitrobenzene, 1.3-	MOL	0.4	MOL	0.4	<0.4 U
B2-SW08	1/6/2004	5	5	Dinitrotoluene, 2.4-	MOL	0.5	MOI	0.5	<0.4.11
B2-SW08	1/6/2004	5	5	Dinitrotoluene, 2,6-	MOL	0.4	MOL	0.4	<0.4 U
B2-SW08	1/6/2004	5	5	Dinitrotoluene 2-amino-4.6-	MQL	0.4	MOL	0.4	<0.4 U
B2-SW/08	1/6/2004	5	5	Dinitrotoluene, 2 amino 4,0	MQL	0.4	MOL	0.4	<0.40
B2-SW08	1/6/2004	5	5	HMY	MOL	2.2	MOL	2.4	<0.4 U
B2-3W08	1/6/2004	5	5	Nitrobonzono	MQL	2.2	MOL	2.2	<0.4 U
B2-3W08	1/0/2004	5	5	Nitrobelizerie	MQL	0.4	MQL	0.4	<0.4 U
B2-3W08	1/6/2004	5	5	Nitrotoluene, 2-	NUQL	0.4	NIQL	0.4	<0.4 U
B2-SW08	1/6/2004	5	5	Nitrotoluene, 3-	R30acr_Gw_Soll_ing	0.92	R30acr_Gw_Soll_ing	0.92	<0.4 U
B2-SW08	1/6/2004	5	5	Nitrotoluene, 4-	MQL	0.5	MQL	0.5	<0.4 U
B2-SW08	1/6/2004	5	5		MQL	1	MQL	1	<0.4 U
B2-SW08	1/6/2004	5	5	Tetryi	MQL	0.65	MQL	0.65	<0.4 U
B2-SW08	1/6/2004	5	5	Trinitrobenzene, 1,3,5-	R30acr_GW_Soil_Ing	0.91	R30acr_GW_Soil_Ing	0.91	<0.4 U
B2-SW08	1/6/2004	5	5	Trinitrotoluene, 2,4,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW09	1/6/2004	5	5	Dinitrobenzene, 1,3-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW09	1/6/2004	5	5	Dinitrotoluene, 2,4-	MQL	0.5	MQL	0.5	<0.4 U
B2-SW09	1/6/2004	5	5	Dinitrotoluene, 2,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW09	1/6/2004	5	5	Dinitrotoluene, 2-amino-4,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW09	1/6/2004	5	5	Dinitrotoluene, 4-amino-2,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW09	1/6/2004	5	5	НМХ	MQL	2.2	MQL	2.2	<0.4 U
B2-SW09	1/6/2004	5	5	Nitrobenzene	MQL	0.4	MQL	0.4	<0.4 U
B2-SW09	1/6/2004	5	5	Nitrotoluene, 2-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW09	1/6/2004	5	5	Nitrotoluene, 3-	R30acr_GW_Soil_Ing	0.92	R30acr_GW_Soil_Ing	0.92	<0.4 U
B2-SW09	1/6/2004	5	5	Nitrotoluene, 4-	MQL	0.5	MQL	0.5	<0.4 U
B2-SW09	1/6/2004	5	5	RDX	MQL	1	MQL	1	<0.4 U
B2-SW09	1/6/2004	5	5	Tetryl	MQL	0.65	MQL	0.65	<0.4 U
B2-SW09	1/6/2004	5	5	Trinitrobenzene, 1,3,5-	R30acr_GW_Soil_Ing	0.91	R30acr_GW_Soil_Ing	0.91	<0.4 U
B2-SW09	1/6/2004	5	5	Trinitrotoluene, 2,4,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW10	1/6/2004	5	5	Dinitrobenzene. 1.3-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW10	1/6/2004	5	5	Dinitrotoluene. 2.4-	MOL	0.5	MOL	0.5	< 0.4 11
B2-SW10	1/6/2004	5	5	Dinitrotoluene. 2.6-	MOL	0.4	MOL	0.4	< 0.4 11
B2-SW10	1/6/2004	5	5	Dinitrotoluene 2-amino-4 6-	MOL	0.4	MOI	0.4	<0.4.11
B2-SW10	1/6/2004	5	5	Dinitrotoluene 4.2mino.2.6	MOL	0.4	MOL	0.4	<0.40
B2-SW/10	1/6/2004	5	5	HMX	MOL	2.4	MOL	2.4	<0.411
B2-SW10	1/6/2004	5	5	Nitrobenzene	MOL	2.2	MOL	2.2	<0.40
B2-SW10	1/6/2004	5	5	Nitrotoluene 2	MOL	0.4	MOL	0.4	<0.40
B2-3W10	1/6/2004	5	5	Nitrotoluene, 2-	Ranger CW Soil Ind	0.4	Riger CW Soil Ind	0.4	<0.4 0
B2-3W10	1/6/2004	5	5	Nitrotoluene, 3-		0.92		0.92	<0.4 0
B2-3W10	1/0/2004	5	- -		MOL	0.0	MOL	0.0	>0.4 U
B2-SW10	1/0/2004	<u>э</u> г	р С			1 0.05		1	<0.4 U
B2-SW10	1/6/2004	5	5	Tetryl	INIQL	0.65	MQL	0.65	<0.4 U

Sample	Sample	Sample	Sample	606	Residential Assessmen	t Level	Critical PCL		Conc
ID	Date	depth begin	depth end	COC	Pathway	(mg/kg)	Pathway	(mg/kg)	(mk/kg)
B2-SW10	1/6/2004	5	5	Trinitrobenzene. 1.3.5-	R30acr GW Soil Ing	0.91	R30acr GW Soil Ing	0.91	<0.4 U
B2-SW10	1/6/2004	5	5	Trinitrotoluene, 2,4,6-	MOL	0.4	MOL	0.4	<0.4 U
B2-SW11	1/6/2004	5	5	Dinitrobenzene, 1.3-	MOL	0.4	MOL	0.4	<0.4 U
B2-SW11	1/6/2004	5	5	Dinitrotoluene, 2,4-	MOL	0.5	MOL	0.5	<0.4 U
B2-SW11	1/6/2004	5	5	Dinitrotoluene 26-	MOL	0.4	MOL	0.4	<0.4 U
B2-SW11	1/6/2004	5	5	Dinitrotoluene 2-amino-4 6-	MQL	0.4	MOL	0.4	<0.411
B2-SW11	1/6/2004	5	5	Dinitrotoluene 4-amino-2.6-	MQL	0.4	MOL	0.4	<0.4 U
B2-SW11	1/6/2004	5	5	HMY	MQL	2.7	MOL	2.4	<0.40
B2-5W11	1/6/2004	5	5	Nitrobonzono	MQL	2.2	MOL	2.2	<0.4 U
B2-SW11	1/6/2004	5	5	Nitrobelizerie	MQL	0.4	MQL	0.4	<0.4 U
B2-5W11	1/6/2004	5	5	Nitrotoluene, 2-	NUQL	0.4	NIQL	0.4	<0.4 U
B2-SW11	1/6/2004	5	5	Nitrotoluene, 3-	R30acr_Gw_Soll_Ing	0.92	R3Uacr_GW_Soll_Ing	0.92	< 0.4 U
B2-SW11	1/6/2004	5	5	Nitrotoluene, 4-	MQL	0.5	MQL	0.5	<0.4 U
B2-SW11	1/6/2004	5	5	RDX	MQL	1	MQL	1	<0.4 U
B2-SW11	1/6/2004	5	5	Tetryl	MQL	0.65	MQL	0.65	<0.4 U
B2-SW11	1/6/2004	5	5	Trinitrobenzene, 1,3,5-	R30acr_GW_Soil_Ing	0.91	R30acr_GW_Soil_Ing	0.91	<0.4 U
B2-SW11	1/6/2004	5	5	Trinitrotoluene, 2,4,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW12	1/6/2004	5	5	Dinitrobenzene, 1,3-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW12	1/6/2004	5	5	Dinitrobenzene, 1,3-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW12	1/6/2004	5	5	Dinitrotoluene, 2,4-	MQL	0.5	MQL	0.5	<0.4 U
B2-SW12	1/6/2004	5	5	Dinitrotoluene, 2,4-	MQL	0.5	MQL	0.5	<0.4 U
B2-SW12	1/6/2004	5	5	Dinitrotoluene, 2,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW12	1/6/2004	5	5	Dinitrotoluene, 2,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW12	1/6/2004	5	5	Dinitrotoluene, 2-amino-4,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW12	1/6/2004	5	5	Dinitrotoluene, 2-amino-4,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW12	1/6/2004	5	5	Dinitrotoluene, 4-amino-2,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW12	1/6/2004	5	5	Dinitrotoluene, 4-amino-2,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW12	1/6/2004	5	5	НМХ	MOL	2.2	MOL	2.2	<0.4 U
B2-SW12	1/6/2004	5	5	НМХ	MOL	2.2	MOL	2.2	<0.4 U
B2-SW12	1/6/2004	5	5	Nitrobenzene	MOL	0.4	MOL	0.4	<0.4 U
B2-SW12	1/6/2004	5	5	Nitrobenzene	MQL	0.4	MOL	0.4	<0.411
B2-SW12	1/6/2004	5	5	Nitrotoluene 2-	MQL	0.4	MOL	0.4	<0.411
B2-SW12	1/6/2004	5	5	Nitrotoluene, 2	MQL	0.4	MOL	0.4	<0.40
B2-5W12	1/6/2004	5	5	Nitrotoluono 2	Rige R20aar GW/ Soil Ind	0.4	R20aar GW Soil Ind	0.4	<0.4 U
B2-3W12	1/6/2004	5	5	Nitrotoluono 2	RSUdci_GW_Soil_Ing	0.92	R30aci_GW_Soil_Ing	0.92	<0.4 0
B2-SW12	1/6/2004	5	5	Nitrotoluono 4	NOU	0.92		0.92	<0.4 U
B2-3W12	1/6/2004	5	5	Nitrotoluene, 4-	MQL	0.5	MQL	0.5	<0.4 U
B2-SW12	1/6/2004	5	5	Nitrotoluene, 4-	MQL	0.5	MQL	0.5	<0.4 U
B2-SW12	1/6/2004	5	5	RDX	MQL	1	MQL	1	< 0.4 U
B2-SW12	1/6/2004	5	5	RDX	MQL	1	MQL	1	< 0.4 U
B2-SW12	1/6/2004	5	5	Tetryl	MQL	0.65	MQL	0.65	<0.4 U
B2-SW12	1/6/2004	5	5	Tetryl	MQL	0.65	MQL	0.65	<0.4 U
B2-SW12	1/6/2004	5	5	Trinitrobenzene, 1,3,5-	R30acr_GW_Soil_Ing	0.91	R30acr_GW_Soil_Ing	0.91	<0.4 U
B2-SW12	1/6/2004	5	5	Trinitrobenzene, 1,3,5-	R30acr_GW_Soil_Ing	0.91	R30acr_GW_Soil_Ing	0.91	<0.4 U
B2-SW12	1/6/2004	5	5	Trinitrotoluene, 2,4,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW12	1/6/2004	5	5	Trinitrotoluene, 2,4,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW13	1/6/2004	5	5	Dinitrobenzene, 1,3-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW13	1/6/2004	5	5	Dinitrobenzene, 1,3-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW13	1/6/2004	5	5	Dinitrotoluene, 2,4-	MQL	0.5	MQL	0.5	<0.4 U
B2-SW13	1/6/2004	5	5	Dinitrotoluene, 2,4-	MQL	0.5	MQL	0.5	<0.4 U
B2-SW13	1/6/2004	5	5	Dinitrotoluene, 2,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW13	1/6/2004	5	5	Dinitrotoluene, 2,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW13	1/6/2004	5	5	Dinitrotoluene, 2-amino-4,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW13	1/6/2004	5	5	Dinitrotoluene, 2-amino-4.6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW13	1/6/2004	5	5	Dinitrotoluene, 4-amino-2.6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW13	1/6/2004	5	5	Dinitrotoluene. 4-amino-2 6-	MOL	0.4	MQL	0.4	<0.4 U
B2-SW13	1/6/2004	5	5	HMX	MOL	2.2	MOL	2.2	<0.4 U
B2-SW13	1/6/2004	5	5	НМХ	MOL	2.2	MOL	2.2	<0.4.11
B2-SW/13	1/6/2004	5	5	Nitrohenzene	MOL	0.4	MOL	0.4	<0.4.11
B2-SW13	1/6/2004	5	5	Nitrobenzene	MOL	0.4	MOL	0.4	<0.40
B2-SW13	1/6/2004	5	5	Nitrotoluene 2-	MOL	0.4	MOL	0.4	<0.40
D2-3W13	1/6/2004	5	5	Nitrotoluono 2	MOL	0.4	MOL	0.4	~0.4 U
D2-SW13	1/0/2004	5	5	Nitrotoluono 2	D20oor CW/ Coll log	0.4	NIVL	0.4	NU.4 U
B2-SW13	1/0/2004	о г	о г	Nitrotoluone, 3-	RSUBCI_GW_SOIL_ING	0.92	RSUBCI_GW_SOIL_ING	0.92	<0.4 U
B2-SW13	1/0/2004	р С	о -	Nitrotoluerie, 3-	RSUBCI_GW_SOIL_ING	0.92	RSUBCI_GW_SOIL_ING	0.92	<0.4 U
B2-SW13	1/6/2004	5	5	INILITOTOIUENE, 4-		0.5	IVIQL	0.5	<0.4 U
B2-SW13	1/6/2004	5	5	INITROTOIUENE, 4-	MQL	0.5	MQL	0.5	<0.4 U
B2-SW13	1/6/2004	5	5	RDX	MQL	1	MQL	1	<0.4 U
B2-SW13	1/6/2004	5	5	RDX	MQL	1	MQL	1	<0.4 U
B2-SW13	1/6/2004	5	5	Tetryl	MQL	0.65	MQL	0.65	<0.4 U
B2-SW13	1/6/2004	5	5	Tetryl	MQL	0.65	MQL	0.65	<0.4 U

Sample	Sample	Sample	Sample	000	Residential Assessmen	nt Level	Critical PCL		Conc
ID	Date	depth begin	depth end	COC	Pathway	(mg/kg)	Pathway	(mg/kg)	(mk/kg)
B2-SW13	1/6/2004	5	5	Trinitrobenzene, 1,3,5-	R30acr_GW_Soil_Ing	0.91	R30acr_GW_Soil_Ing	0.91	<0.4 U
B2-SW13	1/6/2004	5	5	Trinitrobenzene, 1,3,5-	R30acr_GW_Soil_Ing	0.91	R30acr_GW_Soil_Ing	0.91	<0.4 U
B2-SW13	1/6/2004	5	5	Trinitrotoluene, 2,4,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW13	1/6/2004	5	5	Trinitrotoluene, 2,4,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW14	1/6/2004	3	3	Dinitrobenzene, 1,3-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW14	1/6/2004	3	3	Dinitrotoluene, 2,4-	MQL	0.5	MQL	0.5	<0.4 U
B2-SW14	1/6/2004	3	3	Dinitrotoluene, 2,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW14	1/6/2004	3	3	Dinitrotoluene, 2-amino-4,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW14	1/6/2004	3	3	Dinitrotoluene, 4-amino-2,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW14	1/6/2004	3	3	HMX	MQL	2.2	MQL	2.2	<0.4 U
B2-SW14	1/6/2004	3	3	Nitrobenzene	MQL	0.4	MQL	0.4	<0.4 U
B2-SW14	1/6/2004	3	3	Nitrotoluene, 2-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW14	1/6/2004	3	3	Nitrotoluene, 3-	R30acr_GW_Soil_Ing	0.92	R30acr_GW_Soil_Ing	0.92	<0.4 U
B2-SW14	1/6/2004	3	3	Nitrotoluene, 4-	MQL	0.5	MQL	0.5	<0.4 U
B2-SW14	1/6/2004	3	3	RDX	MQL	1	MQL	1	<0.4 U
B2-SW14	1/6/2004	3	3	Tetryl	MQL	0.65	MQL	0.65	<0.4 U
B2-SW14	1/6/2004	3	3	Trinitrobenzene, 1,3,5-	R30acr_GW_Soil_Ing	0.91	R30acr_GW_Soil_Ing	0.91	<0.4 U
B2-SW14	1/6/2004	3	3	Trinitrotoluene, 2,4,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW15	1/6/2004	3	3	Dinitrobenzene, 1,3-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW15	1/6/2004	3	3	Dinitrotoluene, 2,4-	MQL	0.5	MQL	0.5	<0.4 U
B2-SW15	1/6/2004	3	3	Dinitrotoluene, 2,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW15	1/6/2004	3	3	Dinitrotoluene, 2-amino-4,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW15	1/6/2004	3	3	Dinitrotoluene, 4-amino-2,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW15	1/6/2004	3	3	HMX	MQL	2.2	MQL	2.2	<0.4 U
B2-SW15	1/6/2004	3	3	Nitrobenzene	MQL	0.4	MQL	0.4	<0.4 U
B2-SW15	1/6/2004	3	3	Nitrotoluene, 2-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW15	1/6/2004	3	3	Nitrotoluene, 3-	R30acr_GW_Soil_Ing	0.92	R30acr_GW_Soil_Ing	0.92	<0.4 U
B2-SW15	1/6/2004	3	3	Nitrotoluene, 4-	MQL	0.5	MQL	0.5	<0.4 U
B2-SW15	1/6/2004	3	3	RDX	MQL	1	MQL	1	<0.4 U
B2-SW15	1/6/2004	3	3	Tetryl	MQL	0.65	MQL	0.65	<0.4 U
B2-SW15	1/6/2004	3	3	Trinitrobenzene, 1,3,5-	R30acr_GW_Soil_Ing	0.91	R30acr_GW_Soil_Ing	0.91	<0.4 U
B2-SW15	1/6/2004	3	3	Trinitrotoluene, 2,4,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW16	1/6/2004	3	3	Dinitrobenzene, 1,3-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW16	1/6/2004	3	3	Dinitrotoluene, 2,4-	MQL	0.5	MQL	0.5	<0.4 U
B2-SW16	1/6/2004	3	3	Dinitrotoluene, 2,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW16	1/6/2004	3	3	Dinitrotoluene, 2-amino-4,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW16	1/6/2004	3	3	Dinitrotoluene, 4-amino-2,6-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW16	1/6/2004	3	3	HMX	MQL	2.2	MQL	2.2	<0.4 U
B2-SW16	1/6/2004	3	3	Nitrobenzene	MQL	0.4	MQL	0.4	<0.4 U
B2-SW16	1/6/2004	3	3	Nitrotoluene, 2-	MQL	0.4	MQL	0.4	<0.4 U
B2-SW16	1/6/2004	3	3	Nitrotoluene, 3-	R30acr_GW_Soil_Ing	0.92	R30acr_GW_Soil_Ing	0.92	<0.4 U
B2-SW16	1/6/2004	3	3	Nitrotoluene, 4-	MQL	0.5	MQL	0.5	<0.4 U
B2-SW16	1/6/2004	3	3	RDX	MQL	1	MQL	1	<0.4 U
B2-SW16	1/6/2004	3	3	Tetryl	MQL	0.65	MQL	0.65	<0.4 U
B2-SW16	1/6/2004	3	3	Trinitrobenzene, 1,3,5-	R30acr_GW_Soil_Ing	0.91	R30acr_GW_Soil_Ing	0.91	<0.4 U
B2-SW16	1/6/2004	3	3	Trinitrotoluene, 2,4,6-	MQL	0.4	MQL	0.4	<0.4 U

Concentration (detected or not detected) exceeds Residential Assessment Level Concentration (detected or not detected) exceeds soil Critical PCL

Sample location has been excavated.

Section 9 Ecological Risk Assessment

Reasoned Justification

Soils with COC concentrations exceeding their critical PCLs at the site were excavated and removed or used to calculate a 95% UCL (zinc only) per TAC §350.79(2)(A) that does not exceed the critical PCL. There is no evidence of other affected or threatened environmental media (groundwater, surface water, or sediment) at SWMU B-2.

Since all waste and contaminated soil have been removed or meet the 95% UCL per TAC §350.79(2)(A), there can be no impact to groundwater, surface water, or sediment, or to human or ecological receptors from SWMU B-2.

Expedited Stream Evaluation

An expedited stream evaluation was not conducted at the site because there are no surface water bodies present at SWMU B-2.

Tier 2 Screening Level Ecological Risk Assessment (SLERA)

A Tier 2 Screening Level Ecological Risk Assessment was not conducted at the site because all COCs were removed or meet the 95% UCL per TAC §350.79(2)(A).

Tier 3 Site-Specific Ecological Risk Assessment (SSERA)

A Tier 3 Site-Specific Ecological Risk Assessment was not conducted at the site because all COCs were removed or meet the 95% UCL per TAC §350.79(2)(A).

Proposal for Ecological Services Analysis

An Ecological Services Analysis is not required at SWMU B-2.
Section 11 Soil Critical PCL Development

Section 11.1 Tier 2 or 3 PCL Development and Non-Default Parameters

As described in Section 4, the metals lead and zinc in confirmation samples from some locations exceeded CSSA background values or default residential Tier 1 PCLs for the ^{GW}Soil_{Ing} exposure pathway. Tier 2 residential ^{GW}Soil_{Ing} PCLs for a 30-acre source area were determined for these metals using a soil attenuation model (SAM) and site-specific inputs as provided in §350.73(e)(1)(A) and §350.73(e)(1)(C).

Tier 2 ecological PCLs were calculated for lead and zinc. SWMU B-2 did not pass the Tier 1 Ecological Exclusion Checklist due to potential endangered bird habitat within ½ mile of the site, and zinc concentrations remaining in soil at the site were above the Tier 1 Ecological Benchmark Values. Site-specific input parameters and Tier 1 defaults used for calculation of the Tier 2 ^{GW}Soil_{ing} and ecological PCLs are presented in Appendix 9. A summary of the critical PCL development for COCs is provided in **Table 11A**.

Section 11.2 Soil PCL Adjustments

No soil PCL adjustments are required or have been made based on residual saturation, cumulative risk, soil vapor calculations, or hazard index evaluations.

Section 11.3 Soil Critical PCLs

The CSSA or Texas-Specific Background Concentration for metals was used as the critical PCL if the value was greater than the Tier 1 or 2 PCL or ecological risk screening benchmark. Where the background was not used as the critical PCL the value was based on the lower of the following:

- the default Tier 1 TotSoilcomb PCL, or
- the Tier 1 default or calculated Tier 2 site-specific ^{GW}Soil_{Ing} PCL, or
- the ecological risk screening benchmark value or Tier 2 ecological PCL.

Soil found to have COC concentrations above the Tier 1 PCLs (with the exception of lead and zinc) was excavated and removed from the site. The affected property assessment determined that residual surface soil concentrations of lead exceeded the Tier 1 PCL of 84.5 mg/kg at eight locations and zinc exceeded the Tier 1 PCL of 73.2 mg/kg at nine locations in the most recent (2010) data, and therefore Tier 2 PCLs were developed for those COCs as described in Appendix 9.

All lead concentrations in surface soil at SWMU B-2 are below the (Tier 2 residential) critical PCL of 500 mg/kg. Zinc concentrations above the (Tier 2 ecological) critical PCL of 155.8 mg/kg remain in surface soil at three locations (Figure 4A-5). Laboratory analytical data from the June and December sampling events were used to calculate a 95% UCL per TAC §350.79(2)(A) of 121.4 mg/kg. This value does not exceed the critical PCL. Documentation of the UCL calculation is included in Appendix 8.

No COCs nor the calculated 95% UCL for zinc are above any of the applicable human health or ecological critical PCLs in post-excavation soil samples collected at SWMU B-2. Therefore, neither an affected property nor a PCLE zone exists at SWMU B-2.

Table 11A. Surface Soil Critical PCLs

Date of the Tier 1 PCL tables used in the determination of PCLs:

November 2018

On-Site Surface Soil Critical PCLs

Land use for purpose of critical PCL development:

Residential

Commercial/industrial

COC	TotSoilComb PCL		^{Gw} Soil ¹ PCL		Ecological PCL		MOL	Back- ground ^{sw} Soil ²		Sed Soil 2	Con (mg/	ic kg)	Remedy		
	(mg/kg)	Tier	Source area size (acres)	(mg/kg)	Tier	Source area size (acres)	0-0.5 ft. (mg/kg)	0.5-5 ft. (mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	Max	Rep ³	or NFA
Barium	8100	1	30	220	1	30	330	330	0.3	300	N/A	N/A	185	N/A	NFA
Cadmium	51	1	30	0.75	1	30	32	32	1	3	N/A	N/A	2.43 M	N/A	NFA
Chromium,			30			30			20		N/A	N/A		N/A	NFA
Total	27000	1		1200	1		0.4	0.4		40.2			25.7		
Copper	1300	1	30	520	1	30	70	70	0.6	23.2	N/A	N/A	15.7 J	N/A	NFA
Lead	500	1	30	6606	2	30	535	535	100	84.5	N/A	N/A	373.26 M	N/A	NFA
Nickel	840	1	30	79	1	30	280	280	2	35.5	N/A	N/A	16.13	N/A	NFA
Zinc	9900	1	30	2400	1	30	155.8	155.8	5	73.2	N/A	N/A	440.5	121.4	NFA

J = the detected concentration was above the MDL and below the RL; M = a matrix effect was present

Critical PCL

Detected concentration exceeds Critical PCL

Off-Site Surface Soil Critical PCLs

Land use for purpose of critical PCL development:⁴ Residential Commercial/industrial

COC	TotSoil _{Comb} PCL		TotSoil _{Comb} GWSoil1 PCL PCL		Ecological PCL		MQL	Back- ground	sw Soi l2	Sed Soi 2	Conc (mg/kg)		Remedy		
	(mg/kg)	Tier	Source area size (acres)	(mg/kg)	Tier	Source area size (acres)	0-0.5 ft. (mg/kg)	0.5-5 ft. (mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	Max	Rep ³	or NFA
Not applicable	.														

¹ ^{GW}Soil includes ^{GW}Soil_{ling}, ^{GW}Soil_{class3}, ^{Air}GW-Soil_{Inh-V}, and ^{GW}Soil for secondary MCLs, as applicable.

² Refer to Determining PCLs for Surface Water and Sediment (RG-366/TRRP-24) to determine if a PCL is required to be developed for this pathway.

³ Provide justifications and calculations for use of representative concentrations in Appendix 8.

⁴ Repeat the table if needed for different off-site land uses.

Appendices

J:\CSSA Program\Restoration\SWMUs\North Pasture\SWMU B-2\APAR\Final SWMU B-2 APAR.doc

Appendix 2 Boring Logs and Monitor Well Completion Details

Appendix 2 includes the boring logs for five soil borings advanced during the 1995 RFI at SWMU B-2.

SOIL BORING LOG	CAMP STANLEY STORAGE ACTIVITY
BORING LOCATION: BURN AREA 2 (B-2)	BORING NUMBER: B2-SB1
SITE: CAMP STANLEY STORAGE ACTIVITY	CONTRACTOR: PARSONS ENGINEERING SCIENCE
PROJECT: WELL 18 SOURCE CHARACTERIZATION	DRILLING CONTRACTOR: JEDI
LOGGED BY: M. TOWN	REF. LOGBOOK: 1
BORING DEPTH (ft-8GL): 30	DRILLER: T. STARIN
BORING ELEVATION (ft-MSL):	DRILLING RIG: MOBIL B-58
EAST COORDINATE:	DRILLING METHOD: SPLIT-SPOON/AIR CORE
NORTH COORDINATE:	SAMPLING METHOD: SPLIT-SPOON/CORE BARREL
8ŞGIN DRILLING: 2-MAR-95	END DRILLING: 2-MAR-95
CLAY with some LIMESTONE f dark brown (10YR 2/2), semiar dry to damp.	iragments and little SILT, very
LIMESTONE, pale yellow (2.5) staining.	Y 8/2) with red (2.5YR 5/8)
5- 5- 5- 5- 5- 5- 5- 5- 5- 5- 5- 5- 5- 5	Y 8/4), coarse~grained, hard, ered, black dendridic staining, h highly weathered marly
10- White (2.5Y 8/2), massive with bedding, dry to damp. Color grades to pale yellow (h coarse-grained zones, (2.5Y 7/4).



	SOIL BORING LOG	CAMP STANLEY STORAGE ACTIVITY					
BORING LOCATION	I: BURN AREA 2 (8-2)	BORING NUMBER: B2	2-SB2		· · · · · · ·		
SITE: CAMP STAN	LEY STORAGE ACTIVITY	CONTRACTOR: PARSONS ENGINEERING SCIENCE					
PROJECT: WELL 18	SOURCE CHARACTERIZATION	DRILLING CONTRACTOR: JEDI					
LOGGED BY: M. TO	NN	REF. LOGBOOK: 1					
BORING DEPTH (f	t-BGL): 30	DRILLER: T. STARIN	•		· · · · · · · · · · · · · · · · · · ·		
BORING ELEVATIO	N (ft-MSL):	DRILLING RIG: MOBI	IL B-5	3	•		
EAST COORDINATE	E:	DRILLING METHOD:	SPLIT-	SPOON/AIR C	ORE		
NORTH COORDINA	TE:	SAMPLING METHOD:	SPLIT	-SPOON/COR	E BARREL		
BĘGIN DRILLING:	3-MAR-95	END DRILLING: 3-M	AR				
DEPTH (feet) SAMPLE RECOVERY ANALYTICAL SAMPLE SAMPLE HEAD SPACE (DDM)	LITHOLOGIC DESCRIPT	ION	© C C C C C C C C C C C C C C C C C C C	PC	COMMENTS		
∠∎ ₀	CLAY with some LIMESTONE fragments and brown (7.5YR 3/2), limestone fragments are coarse-grained, soft, medium to high plastic	trace SILT, dark medium~ to very ty, damp.					
	Mariy LIMESTONE, pale yellow (2.5Y 8/4) with 5/8) staining, highly weathered, friable, dam	ith red (2.5YR					
5-	Marly LIMESTONE, highly weathered, friable	•	E	Ξ.			
•	Massive hard limestone, white (10YR 8/2), bl dendritic, dry.	lack staining,					
	Marly LIMESTONE, white (10YR 8/2), 8 to 8. weathered, friable, vuggy.	5 highly		E E			
10-	Massive, some marl, black dendritic staining, marl seams, dry.	breaks along	HITH				
	Marly LIMESTONE (no recovery).			出			
	Marly LIMESTONE, very pale brown (10YR 8 13.5 to 14 ft. light gray (7.5YR N7), few fos	i/3), color from ssil fragments and					



BORING LOCATION: BURN AREA 2 (B-2) BORING NUMBER: B2-SB3 SITE: CAMP STANLEY STORAGE.ACTIVITY CONTRACTOR: PARSONS ENGINEERING SCIENCE PROJECT: WELL & SOURCE CHARACTERIZATION DRILLING CONTRACTOR: JEDI LOGGED BY: M. TOWN REF. LOGBOOK: 1 BORING DEPTH (ft-BGL): 30 DRILLING RIG: MOBIL B-58 EAST COORDINATE: DRILLING RIG: MOBIL B-58 NORTH COORDINATE: DRILLING METHOD: SPLIT-SPOON/CORE BARREL BEGIN DRILLING: 3-MAR-95 END DRILLING: e-MAR-95 WHAT HAR 56 END DRILLING: e-MAR-95 WANDER: BY LITHOLOGIC DESCRIPTION SEG COMMENTS SEG Mary LIMESTONE, grades from strong brown (7.5YR 5/8) to white (10YR 8/2), some CLAY at surface (< 1 in.), highly weathered, friable, dry to damp. LITHOLOGIC DESCRIPTION SEG SEG Mary LIMESTONE, white (10YR 8/2), and frable, dry. Interbedded LIMESTONE, nonweathered, friable, dry. SEG Mary LIMESTONE, highly weathered, friable, dry. SEG Interbedded LIMESTONE, nonweathered, massive, hard SEG Interbedded LIMESTONE, nonweathered, friable, dry. SEG Mary LIMESTONE, with some mart, white (10YR 8/2), massive timestone, highly weathered finable, dry. SEG Interbedded LIMESTONE, nonweat	SOIL BORING LOG	CAMP STANLEY STORAGE ACTIVITY					
SITE: CAMP STANLEY STORAGE ACTIVITY CONTRACTOR: PARSONS ENGINEERING SCIENCE PROJECT: WELL 16 SOURCE CHARACTERIZATION ORILLING CONTRACTOR: JEDI LOGGED BY: M. TOWN REF. LOGBOOK; 1 BORING DEPTH (IT-BGL): 30 DRILLER: T. STARIN BORING ELEVATION (IT-MSL): DRILLING NETHOD: SPLIT-SPOON/AIR CORE NORTH COORDINATE: DRILLING METHOD: SPLIT-SPOON/AIR CORE NORTH COORDINATE: SAMPLING METHOD: SPLIT-SPOON/CORE BARREL BEGIN DRILLING: 3-MAR-95 END DRILLING: 6-MAR-95 END DRILLING: 3-MAR-95 END DRILLING: 6-MAR-95 Marky LIMESTONE, grades from strong brown (7.5YR 5/6) to white (10YR 8/2), some CLAY at surface (< 1 in.), highly weathered, friable, dry.	BORING LOCATION: BURN AREA 2 (B-2)	BORING NUMBER: B2-SB3					
PROJECT: WELL 16 SOURCE CHARACTERIZATION DRILLING CONTRACTOR: JEDI LOGGED BY: M. TOWN REF. LOGBOOK; 1 BORING DEPTH (IT-BGL); 30 DRILLER: T. STARIN BORING ELEVATION (IT-MSL): DRILLING RIG: MOBIL 8-56 EAST COORDINATE: DRILLING METHOD: SPLIT-SPOON/AIR CORE NORTH COORDINATE: SAMPLING METHOD: SPLIT-SPOON/CORE BARREL BEGIN DRILLING: 3-MAR-95 END DRILLING: 6-MAR-95 BORING RELYATION U OF SPLIT-SPOON/CORE BARREL BEGIN DRILLING: 3-MAR-95 END DRILLING: 6-MAR-95 THOLOGIC DESCRIPTION Star Mariy LIMESTONE, grades from strong brown (7.5YR 5/6) to white (10YR 8/2), some CLAY at surface (< 1 in.), highly weathered, friable, dry to damp.	SITE: CAMP STANLEY STORAGE ACTIVITY	CONTRACTOR: PARSONS ENGINEERING SCIENCE					
LOGGED BY: M. TOWN REF. LOGBOOK: 1 BORING DEPTH (ft-BGL): 30 DRILLER: T. STARIN BORING ELEVATION (ft-MSL): DRILLING RIG: MOBIL 8-56 EAST COORDINATE: ORILLING METHOD: SPLIT-SPOON/AIR CORE NORTH COORDINATE: SAMPLING METHOD: SPLIT-SPOON/CORE BARREL BEGIN DRILLING: 3-MAR-95 END DRILLING: 8-MAR-95 Image: State of the	PROJECT: WELL 16 SOURCE CHARACTERIZATION	ORILLING CONTRACTOR: JEDI					
BORING DEPTH (ft-BGL): 30 DRILLER: T. STARIN BORING ELEVATION (ft-MSL): DRILLING RIG: MOBIL 8-56 EAST COORDINATE: DRILLING METHOD: SPLIT-SPOON/AIR CORE NORTH COORDINATE: SAMPLING METHOD: SPLIT-SPOON/CORE BARREL BEGIN DRILLING: 3-MAR-95 END DRILLING: 6-MAR-95 Image: State of the state of	LOGGED BY: M. TOWN	REF. LOGBOOK: 1					
BORING ELEVATION (ft-MSL): DRILLING RIG: MOBIL 8-56 EAST COORDINATE: DRILLING METHOD: SPLIT-SPOON/CORE BARREL BEGIN DRILLING: 3-MAR-95 END DRILLING: 8-MAR-95 BEGIN DRILLING: 3-MAR-95 END DRILLING: 3-MAR-95 BEGIN DRILLING: 3-MAR-95 END DRILLING: 3-MAR-9	BORING DEPTH (ft-BGL): 30	DRILLER: T. STARIN					
EAST COORDINATE: DRILLING METHOD: SPLIT-SPOON/AIR CORE NORTH COORDINATE: SAMPLING METHOD: SPLIT-SPOON/CORE BARREL BEGIN DRILLING: 3-MAR-95 END DRILLING: 6-MAR-95 Image: Stress of the stres	BORING ELEVATION (ft-MSL):	DRILLING RIG: MOBIL 8-58					
NORTH COORDINATE: SAMPLING METHOD: SPLIT-SPOON/CORE BARREL BEGIN DRILLING: 3-MAR-95 END DRILLING: 6-MAR-95 Image: Strate of the strate of t	EAST COORDINATE:	DRILLING METHOD: SPLIT-SPOON/AIR CORE					
BEGIN DRILLING: 3-MAR-95 END DRILLING: 8-MAR-95 THE STONE, grades from strong brown (7.5YR 5/6) to white (10YR 8/2), some CLAY at surface (< 1 in.), highly weathered, friable, dry to damp. U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U	NORTH COORDINATE:	SAMPLING METHOD: SPLIT-SPOON/CORE BARREL					
Handborn LITHOLOGIC DESCRIPTION U SC S S Mariy LIMESTONE, grades from strong brown (7.5YR 5/8) to white (10YR 8/2), some CLAY at surface (< 1 in.), highly weathered, friable, dry to damp.	BĘGIN DRILLING: 3-MAR-95	END DRILLING: 8-MAR-95					
Mariy LIMESTONE, grades from strong brown (7.5YR 5/6) to white (10YR 8/2), some CLAY at surface (< 1 in.), highly weathered, friable, dry to damp. LIMESTONE, white (10YR 8/2), massive limestone lens 1 to 3 inches thick, 2 small vertical fractures (< .25 ft. each) with staining on surface, last 0.35 feet marly limestone, highly weathered, friable, dry. Marly LIMESTONE, highly weathered, friable, dry. Interbedded LIMESTONE, nonweathered, massive, hard limestone, white (10YR 8/2), and friable, highly weathered limestone, yellow (2.5Y 7/6), vuggy, possibly reworked at approx. 7.8 ft., dry. 10 LIMESTONE with some marl, white (10YR 8/2), massive, dry. Pale yellow (2.5Y 7/4) with 2 inches of light gray (2.5Y N7).							
	 Mariy LIMESTONE, grades from strong brown white (10YR 8/2), some CLAY at surface (weathered, friable, dry to damp. LIMESTONE, white (10YR 8/2), massive limes inches thick, 2 small vertical fractures (< .2 staining on surface, last 0.35 feet marly lime weathered, friable, dry. Marly LIMESTONE, highly weathered, friable, Interbedded LIMESTONE, nonweathered, ma limestone, white (10YR 8/2), and friable, high limestone, yellow (2.5Y 7/8), vuggy, possibly approx. 7.6 ft., dry. LIMESTONE with some marl, white (10YR 8/2) Pale yellow (2.5Y 7/4) with 2 inches of light 	h (7.5YR 5/6) to 1 in.), highly itone lens 1 to 3 5 ft. each) with estone, highly 					



	SOIL BORING LOG	CAMP STA	<u>ANLI</u>	EY S	TORAGE ACTIVITY	
BORING LOCATION	1: BURN AREA 2 (B-2)	BORING NUMBER: B2	2-58	4		
SITE: CAMP STAN	LEY STORAGE ACTIVITY	CONTRACTOR: PARSONS ENGINEERING SCIENCE				
PROJECT: WELL 18	SOURCE CHARACTERIZATION	DRILLING CONTRACTOR: JEDI				
LOGGED BY: M. TO	WN	REF. LOG800K: 1				
BORING DEPTH (f	t-BGL): 30	DRILLER: T. STARIN	1		······································	
BORING ELEVATIO	DN (ft-MSL):	DRILLING RIG: MOBI	IL B·	-58		
EAST COORDINAT	ε:	DRILLING METHOD:	SPL	T-SP	OON/AIR CORE	
NORTH COORDINA	TE:	SAMPLING METHOD:	SPL	IT-SP	OON/CORE BARREL	
BEGIN DRILLING:	8-MAR-95	END DRILLING: 8-M.	AR-	95		
DEPTH (teet) SAMPLE RECOVERY ANALYTICAL SAMPLE SAMPLE HEAD SPACE	LITHOLOGIC DESCRIPT	ION	U S C S	GRAPHIC LOG	COMMENTS	
	CLAY and highly weathered LIMESTONE fra SILT, dark brown (7.5YR 3/2), reddish oran subangular limestone, pieces of coal, soft, r damp.	igments, trace ige stain to nedium plasticity,	CL			
5-	Marly LIMESTONE, highly weathered, almost Metal wire wrapped around core barrel.	mari, dry. 🖓			-5	
10-	Marly LIMESTONE, white (10YR 8/2), light g from 9-9.4 ft., massive hard lenses of limes dry, at 7.5 ft. weathered, few vugs and for Hard massive limestone, dry.	ray (10YR 7/1) tone <1 in. long, ssils.			-10	
	Marly LIMESTONE, white (10YR 8/2), reddis high-angle fracture 12 ft. (approx. 2 in. 1	h orange stain on long), massive,				



SOIL BORING LOG	CAMP STANLEY STORAGE ACTIVITY				
BORING LOCATION: BURN AREA 2 (8-2)	BORING NUMBER: B2-SB5				
SITE: CAMP STANLEY STORAGE ACTIVITY	CONTRACTOR: PARSONS ENGINEERING SCIENCE				
PROJECT: WELL 18 SOURCE CHARACTERIZATION	DRILLING CONTRACTOR: JEDI				
LOGGED BY: M. TOWN	REF. LOGBOOK: 1				
BORING DEPTH (ft-BGL): 30	DRILLER: T. STARIN				
BORING ELEVATION (ft-MSL):	DRILLING RIG: MOBIL B-56				
EAST COORDINATE:	DRILLING METHOD: SPLIT-SPOON/AIR CORE				
NORTH COORDINATE:	SAMPLING METHOD: SPLIT-SPOON/CORE BARREL				
BEGIN DRILLING: 6-MAR-95	END DRILLING: 6-MAR-95				
CLAY soil, dark brown (7.5YR 3/2).					
0 Marly LIMESTONE, mottled pale yellow (2.5 (2.5YR 4/6), very weathered, friable, damp	(8/3) and red				
5- 5- 5- 5- 5- 5- 5- 5- 5- 5- 5- 5- 5- 5	ighly weathered,with lenses ofstainingstainingen beds, possiblein the damp.				
Marly LIMESTONE, pale yellow (2.5Y 7/4), 1 friable, vugs at contact with white, large, g limestone mixed with yellow marl limestone (orange staining, black dendritic, damp. 10- 10- White (10YR 8/2), alternating hard fine-gra	ighly weathered, avel-sized, white reworked?), ined massive with				
LIMESTONE, light gray (10YR 7/1), fine-gra limestone, dry to damp, 12-13 ft. olive yello	e, damp. ined to massive w (2.5Y 6/6),				



Appendix 8 Statistics Data Tables and Calculations

Appendix 8 presents the calculations for a representative concentration (95% UCL) for zinc from soil sample data collected in 2010. The UCL value was used for statistical comparison to the critical PCL and the calculation method (ProUCL) meets the performance criteria required in §350.79(2)(A).

	А	В	С	D	Е	F	G	Н	I	J	K	L		
1				General UC	L Statistics	for Full Data	Sets							
2		User Selec	cted Options											
3			From File	WorkSheet.	wst									
4		Fu	Il Precision	OFF										
5		Confidence	Coefficient	95%										
6	Number	of Bootstrap	Operations	2000										
7														
, 0														
0	Lead													
9 10														
11						General	Statistics							
12			Numl	per of Valid O	bservations	41			Numbe	r of Distinct C	Observations	32		
12														
14			Raw S	tatistics				l	_og-transfor	med Statistic	s			
14					Minimum	14			-	Minimum	of Log Data	2.639		
10					Maximum	350				Maximum	of Log Data	1 5.858		
10	Mean 65									Mea	n of log Data	3.806		
1/				44.96				SI	- D of log Data	0.779				
10					Median	38								
19					SD	74.27								
20				Std. E	rror of Mean	11.6								
21				Coefficient	of Variation	1.139								
22	Skewness 24													
23														
24						Relevant U	CL Statistics							
25			Normal Dist	ribution Test				L	ognormal D	istribution Te	est			
26			S	hapiro Wilk T	est Statistic	0.627			- g	Shapiro Wilk	Test Statistic	0.89		
27			S	hapiro Wilk C	ritical Value	0.941	Shapiro Wilk Critical Value 0.941							
28		Data no	t Normal at 5	% Significan	ce Level			Data not L	.ognormal a	t 5% Sianific	ance Level			
29										g				
30		As	ssumina Nor	mal Distribut	ion			Ass	umina Loan	ormal Distrib	ution			
31				95% Stud	dent's-t UCL	84.75			gg.		95% H-UCL	79.13		
32		95%	UCLs (Adiu	sted for Skev	wness)				95%	Chebyshev (MVUF) UCI	95.79		
33			95% Adjuste		Chen-1995)	89.11			97.5%	Chebyshev (MVUF) UCI	111.1		
34			95% Modifie	ed-t UCL (Joh	nson-1978)	85.5			99%	Chebyshev (MVUE) UCL	141.3		
35											, 			
36			Gamma Dis	tribution Test	t				Data Di	stribution				
37				k star (bia	s corrected)	1.396	C	Data do not f	ollow a Disc	ernable Dist	ribution (0.0	5)		
38				, , , , , , , , , , , , , , , , , , ,	Theta Star	46.72						,		
39				N	ILE of Mean	65.22								
40			М	LE of Standa	rd Deviation	55.2								
41					nu star	114.5								
42			Approximat	e Chi Square	Value (.05)	90.77			Nonparame	tric Statistics	3			
43			Adius	sted Level of	Significance	0.0441				95	5% CLT UCI	84.3		
44			Ar	liusted Chi S	quare Value	90				95% .la	ckknife UCI	84.75		
45				,					95%	Standard Bo	otstrap UCI	83.55		
46	Anderson-Darling Test Statisti				est Statistic	3.012				95% Boo	tstrap-t UCI	93.78		
4/	Anderson-Darling 5% Critical Value				0.767)5% Hall's Br	otstrap UCI	89.26			
48	Kolmogorov-Smirnov Test Statistic				0.191			95%	Percentile Bo	otstrap UCI	84.05			
49	Kolmogorov-Smirnov 5% Critical Value 0.					0.14				95% BCA Bo	otstrap UCI	89.63		
50	D	ata not Gam	ma Distribute	ed at 5% Sig	nificance Le	vel			95% Cł	nebyshev(Me	an, Sd) UCI	115.8		
51							1				,,	1		

	А	В	С	D	E	F	G	Н		J	К	L
52								137.7				
53		As	suming Gan	nma Distribu	tion				99% Ch	ebyshev(Me	an, Sd) UCL	180.6
54	9	5% Approxim	nate Gamma	UCL (Use w	hen n >= 40)							
55		95% Adjı	usted Gamma	a UCL (Use v	when n < 40)	82.95						
56												
57			Potential	JCL to Use			Use 95% Chebyshev (Mean, Sd) UCL 115.8					
58												
59	N	ote: Suggest	ions regardi	ng the select	ion of a 95%	6 UCL are pr	ovided to he	lp the user to	o select the	most approp	riate 95% U	CL.
60	These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and laci (2002))
61	and Singh and Singh (2003). For additional insight, the user may want to consult a statistician.											
62	2											

4	A B C			G	11		-			
-		General UCL Statistics	for Full Data	Sets						
2		S WorkShoot wet								
3	FIOITI File Full Precision	OFF								
4	Confidence Coefficient	95%								
5	Number of Bootstrap Operations	2000								
6	······									
/ 。										
o Q	Zinc									
10										
11			General	Statistics						
12	Num	nber of Valid Observations	48			Numbe	r of Distinct (Observations	38	
13										
14	Raws	Statistics				Log-transfor	med Statistic	cs		
15		Minimum	10				Minimum	n of Log Data	2.303	
16		Maximum	440				Maximum	n of Log Data	6.087	
17		Mean	65.15				Mea	n of log Data	3.712	
18		Geometric Mean	40.92				51	D of log Data	0.853	
19		SD	37 89.41							
20	l	Std. Error of Mean	12.91							
21		Coefficient of Variation	1.372							
22		Skewness	3.059							
23										
25			Relevant U	CL Statistics						
26	Normal Dis	stribution Test			L	ognormal Di	istribution Te	est		
27	:	Shapiro Wilk Test Statistic	0.56			S	Shapiro Wilk	Test Statistic	0.911	
28	Ę	Shapiro Wilk Critical Value	0.947			S	hapiro Wilk (Critical Value	0.947	
29	Data not Normal at	5% Significance Level			Data not I	_ognormal a	t 5% Signific	ance Level		
30										
31	Assuming No	ormal Distribution	00.0		Ass	uming Logno	ormal Distrib		77.0	
32	95% LICL o (Adi	95% Student's-t UCL	86.8			05%	Chabyahay	95% H-UCL	//.3	
33	95% OCLS (Auj	ted_CLTUCL (Chen_1995)	92.46			93%	Chebyshev (109.70	
34	95% Modif	fied-t UCL (Johnson-1978)	87 75			99%	Chebyshev (139.3	
35								(
30		stribution Test				Data Di	stribution			
37	Gamma Dis		1 152	C	ata do not f	ollow a Disc	ernable Dist	ribution (0.0	5)	
37 38	Gamma Dis	k star (bias corrected)	1.155							
37 38 39	Gamma Di:	k star (bias corrected) Theta Star	56.52							
37 38 39 40	Gamma Di	k star (bias corrected) Theta Star MLE of Mean	56.52 65.15							
37 38 39 40 41	Gamma Di	k star (bias corrected) Theta Star MLE of Mean MLE of Standard Deviation	56.52 65.15 60.68							
37 38 39 40 41 42	Gamma Di	k star (bias corrected) Theta Star MLE of Mean MLE of Standard Deviation nu star	56.52 65.15 60.68 110.7							
37 38 39 40 41 42 43	Gamma Di	k star (bias corrected) Theta Star MLE of Mean MLE of Standard Deviation nu star ate Chi Square Value (.05)	56.52 65.15 60.68 110.7 87.38			Nonparame	tric Statistic	S	06.07	
37 38 39 40 41 42 43 44	Gamma Di Gamma Di Approxima Adju	k star (bias corrected) Theta Star MLE of Mean MLE of Standard Deviation nu star ate Chi Square Value (.05) usted Level of Significance Adjusted Chi Square Value	56.52 65.15 60.68 110.7 87.38 0.045 86.74			Nonparame	tric Statistic	s 5% CLT UCL	86.37	
37 38 39 40 41 42 43 44 45	Gamma Di	k star (bias corrected) Theta Star MLE of Mean MLE of Standard Deviation nu star ate Chi Square Value (.05) usted Level of Significance Adjusted Chi Square Value	56.52 65.15 60.68 110.7 87.38 0.045 86.74			Nonparame 95%	tric Statistic 99 95% Ja Standard Pe	s 5% CLT UCL ackknife UCL potstrap UCI	86.37 86.8 86.33	
37 38 39 40 41 42 43 44 45 46	Gamma Di Gamma Di Approxima Approxima Adju Ande	k star (bias corrected) Theta Star MLE of Mean MLE of Standard Deviation nu star ate Chi Square Value (.05) usted Level of Significance Adjusted Chi Square Value	56.52 65.15 60.68 110.7 87.38 0.045 86.74 3.379			Nonparame 95%	tric Statistic: 99 95% Ja Standard Bo 95% Boo	8 5% CLT UCL ackknife UCL potstrap UCL btstrap-t UCL	86.37 86.8 86.33 104.9	
37 38 39 40 41 42 43 44 45 46 47 48	Gamma Di Gamma Di Approxima Approxima Adju Adju Ande Anderson	k star (bias corrected) Theta Star MLE of Mean MLE of Standard Deviation nu star ate Chi Square Value (.05) usted Level of Significance Adjusted Chi Square Value erson-Darling Test Statistic n-Darling 5% Critical Value	56.52 65.15 60.68 110.7 87.38 0.045 86.74 3.379 0.774			Nonparame 95%	tric Statistic: 95% Ja Standard Bo 95% Boc 95% Hall's Bo	s 5% CLT UCL ackknife UCL botstrap UCL botstrap-t UCL botstrap UCL	86.37 86.8 86.33 104.9 96.68	
37 38 39 40 41 42 43 44 45 46 47 48 49	Gamma Di Gamma Di Approxima Approxima Adju Ande Anderson Kolmogo	k star (bias corrected) Theta Star MLE of Mean MLE of Standard Deviation nu star ate Chi Square Value (.05) usted Level of Significance Adjusted Chi Square Value erson-Darling Test Statistic n-Darling 5% Critical Value prov-Smirnov Test Statistic	56.52 65.15 60.68 110.7 87.38 0.045 86.74 3.379 0.774 0.245			Nonparame 95% 95%	tric Statistic: 9! 95% Ja Standard Bo 95% Boo 95% Hall's Bo Percentile Bo	s 5% CLT UCL ackknife UCL potstrap UCL potstrap UCL potstrap UCL potstrap UCL	86.37 86.8 86.33 104.9 96.68 86.65	
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37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52	Gamma Di Gamma Di Approxima Approxima Adju Adju Ander Ander Ander Solmogo Kolmogorov- Data not Gamma Distribu	k star (bias corrected) Theta Star MLE of Mean MLE of Standard Deviation nu star ate Chi Square Value (.05) usted Level of Significance Adjusted Chi Square Value erson-Darling Test Statistic n-Darling 5% Critical Value prov-Smirnov Test Statistic Smirnov 5% Critical Value	56.52 65.15 60.68 110.7 87.38 0.045 86.74 3.379 0.774 0.245 0.131 vel			Nonparame 95% 95% 95% Cł 97.5% Cł	tric Statistic: 95 95% Ja Standard Bo 95% Boc 95% Hall's Bo Percentile Bo 95% BCA Bo nebyshev(Me nebyshev(Me	s 5% CLT UCL ackknife UCL botstrap UCL botstrap UCL botstrap UCL botstrap UCL botstrap UCL botstrap UCL ban, Sd) UCL	86.37 86.8 86.33 104.9 96.68 86.65 95.31 121.4 145.7	
37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53	Gamma Di Gamma Di Approxima Adju Adju Anderson Kolmogo Kolmogov- Data not Gamma Distribu	k star (bias corrected) Theta Star MLE of Mean MLE of Standard Deviation nu star ate Chi Square Value (.05) usted Level of Significance Adjusted Chi Square Value erson-Darling Test Statistic n-Darling 5% Critical Value prov-Smirnov Test Statistic Smirnov 5% Critical Value tted at 5% Significance Le	56.52 65.15 60.68 110.7 87.38 0.045 86.74 3.379 0.774 0.245 0.131 vel			Nonparame 95% 95% 95% Cł 97.5% Cł 99% Cł	tric Statistic 99 95% Ja Standard Bo 95% Boo 95% Hall's Bo Percentile Bo 95% BCA Bo nebyshev(Me nebyshev(Me	s 5% CLT UCL ackknife UCL potstrap UCL potstrap UCL potstrap UCL potstrap UCL potstrap UCL potstrap UCL pan, Sd) UCL pan, Sd) UCL	86.37 86.8 86.33 104.9 96.68 86.65 95.31 121.4 145.7 193.5	
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37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54	Gamma Di Gamma Di Approxima Adju Adju Adju Adju Adju Adju Adju Adju	k star (bias corrected) Theta Star MLE of Mean MLE of Standard Deviation nu star ate Chi Square Value (.05) usted Level of Significance Adjusted Chi Square Value erson-Darling Test Statistic n-Darling 5% Critical Value prov-Smirnov Test Statistic Smirnov 5% Critical Value ted at 5% Significance Le mma Distribution a UCL (Use when n >= 40) na UCL (Use when n < 40)	11:133 56:52 65:15 60:68 110.7 87:38 0.045 86:74 3:379 0.774 0.245 0.131 vel 82:5 83.11			Nonparame 95% 95% 95% Cł 97.5% Cł 99% Cł	tric Statistic: 95% Ja Standard Bo 95% Boc 95% Hall's Bo 95% BCA Bo 95% BCA Bo nebyshev(Me nebyshev(Me	s 5% CLT UCL ackknife UCL botstrap UCL botstrap UCL botstrap UCL botstrap UCL botstrap UCL botstrap UCL botstrap UCL ban, Sd) UCL ban, Sd) UCL	86.37 86.8 86.33 104.9 96.68 86.65 95.31 121.4 145.7 193.5	
37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56	Gamma Di Gamma Di Approxima Adju Adju Adju Ande Anderson Kolmogo Kolmogorov- Data not Gamma Distribu Assuming Gau 95% Approximate Gamma 95% Adjusted Gamma	k star (bias corrected) Theta Star MLE of Mean MLE of Standard Deviation nu star ate Chi Square Value (.05) usted Level of Significance Adjusted Chi Square Value erson-Darling Test Statistic n-Darling 5% Critical Value brov-Smirnov Test Statistic Smirnov 5% Critical Value ted at 5% Significance Le mma Distribution a UCL (Use when n >= 40) ma UCL (Use when n < 40)	11133 56.52 65.15 60.68 110.7 87.38 0.045 86.74 3.379 0.774 0.245 0.131 vel 82.5 83.11			Nonparame 95% 95% 95% Ct 97.5% Ct 99% Ct	tric Statistics 95 95% Ja Standard Bo 95% Boo 95% Hall's Bo 95% BCA Bo nebyshev(Me nebyshev(Me nebyshev(Me	s 5% CLT UCL ackknife UCL potstrap UCL potstrap UCL potstrap UCL potstrap UCL potstrap UCL potstrap UCL potstrap UCL pan, Sd) UCL pan, Sd) UCL	86.37 86.8 86.33 104.9 96.68 86.65 95.31 121.4 145.7 193.5	
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37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 57 58 57 58	Gamma Di Gamma Di Approxima Approxima Adju Approxima Adju Ander Ander Ander Ander Solmogo Kolmogorov- Data not Gamma Distribu Assuming Gai 95% Approximate Gamma 95% Adjusted Gamma 95% Adjusted Gamma	k star (bias corrected) Theta Star MLE of Mean MLE of Standard Deviation nu star ate Chi Square Value (.05) usted Level of Significance Adjusted Chi Square Value erson-Darling Test Statistic n-Darling 5% Critical Value prov-Smirnov Test Statistic Smirnov 5% Critical Value ted at 5% Significance Le mma Distribution a UCL (Use when n >= 40) na UCL (Use when n < 40) I UCL to Use	56.52 65.15 60.68 110.7 87.38 0.045 86.74 3.379 0.774 0.245 0.131 vel 82.5 83.11 UCL are pr	ovided to hel	Ip the user t	Nonparame 95% 95% 95% Cł 97.5% Cł 99% Cł 99% Cł	tric Statistic: 95% Ja Standard Bo 95% Boo 95% Hall's Bo Percentile Bo 95% BCA Bo nebyshev(Me nebyshev(Me nebyshev(Me	s 5% CLT UCL ackknife UCL botstrap UCL botstrap UCL botstrap UCL botstrap UCL botstrap UCL botstrap UCL botstrap UCL ban, Sd) UCL ban, Sd) UCL ban, Sd) UCL ban, Sd) UCL ban, Sd) UCL ban, Sd) UCL	86.37 86.8 86.33 104.9 96.68 86.65 95.31 121.4 145.7 193.5 121.4 121.4	
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Appendix 9 Development of Non-Default RBELs and PCLs

Appendix 9 includes the equations, calculations, detailed explanations beyond that provided in other sections, justification, input parameters, results, and supporting documentation associated with the development of Tier 2 PCLs for lead and zinc.

Tier 2 Human Health PCLs were calculated for the ${}^{\text{GW}}\text{Soil}_{\text{Ing}}$ pathway. Calculation of these values assumed a site-specific pH of 7.9, as the majority of the site consists of Crawford and Bexar soils, with a pH of 7.89 and Krum Complex soils, with a pH of 7.87. These soil types are also considered to be "clayey" soils. Therefore, site specific K_d values were obtained from the TRRP Rule and determined to be 1830 for lead and 400 for zinc. In addition to these site-specific values, conservative estimates for L₁ and L₂ were used to calculate Tier 2 PCLs. The L₁ value was assumed to be 11 ft (335 cm), which correlates to the maximum depth of contamination in excess of the Tier 1 ${}^{\text{GW}}\text{Soil}_{\text{Ing}}$ PCL. The L₂ value was assumed to be equal to 70 ft (2134 cm), which correlates to the shallowest recorded depth to groundwater. All other parameters used to calculate the Tier 2 ${}^{\text{GW}}\text{Soil}_{\text{Ing}}$ PCLs were TRRP default values.

Tier 2 Ecological PCLs were also calculated as shown in the attached Tables. Lead and zinc were retained for further consideration in the ecological risk evaluation and site- and medium-specific PCLs were calculated for each relevant measurement receptor in soil. The relevant measurement receptors include:

- White-footed mouse
- Short-tailed Shrew
- Gray Fox
- American Robin
- Bobwhite Quail
- Black-capped Vireo
- Golden-cheeked Warbler
- Red-Tailed Hawk

In accordance with the TRRP rule, both the NOAEL and LOAEL PCLs were calculated for the most sensitive receptor. In this case, the American Robin was the most sensitive receptor for both lead and zinc. Per TRRP guidance, the final ecological PCL for a COC in a medium should be the lowest of the comariative PCLs and should lie between the NOAEL and LOAELfor the most susceptible measurement receptor. Therefore, the average between the NOAEL- and LOAEL based PCLs for the American Robin (the most susceptible measurement receptor) was used as the comparative PCL. The final ecological PCL for lead was calculated to be 535 mg/kg, while the final ecological PCL for zinc was 155.8 mg/kg.

Since the final ecological PCLs are less than the Tier 1 TotSoil_{Comb} PCL and the Tier 2 ^{GW}Soil_{Ing} PCL, the final ecological PCLs are used as the critical PCL.

Appendix 9 Tables

Tier 2 Evaluation

Specify media to which tables apply

x Surface soil x Subsurface soil

Specify if table is for on-site or off-site property Off-site land use(s) for purpose of PCL development¹: x On-site Residential Off-site x Commercial/industrial

	Soil bulk density pb (g/cm ³)	Volumetric water content θ _{ws} (cm ³ /cm ³)	Volumetric air content θ _{as} (cm ^{3/} /cm ³)	Fraction organic carbon foc (g/g)	Groundwater Darcy velocity Ugw (cm/year)	Aquifer thickness b _{gw} (m)	Ground- water gradient i (m/m)	Hydraulic conductivity K (m/day)	Average annual precipitation P (cm/yr)	Net infiltration rate I _f (cm/yr)	Saturated hydraulic conductivity of vadose zone soils K _{vs}
Tier 1 defaults	1.67	0.16	0.21	0.002	NA	NA	NA	NA	NA	NA	(cm/s) NA
Tier 2 values	1.67	0.16	0.21	0.008	NA	NA	NA	NA	NA	NA	NA

COC	Critical GW PCL Af (from Table 12A)		Affected soil thickness L ₁	Depth from top of affected soil to gw table	Source area width parallel to gw flow Wa	GW mixing zone thickness	Soil-leachate partition factor K _{sw}	Lateral dilution factor	^{Gw} Soil PCL (mg/kg)
	(mg/L)	pathway ²	(cm)	L ₂ (cm)	w₅ (m)	δ _{gw} (m)	(mg/L/mg/kg)	LDF	
Lead	15	GWGWIng	335	2134			0.000546	10	2122
Zinc	22	^{GW} GW _{Ing}	335	2134			0.025	10	558000

¹ Repeat the table if needed for different off-site land uses.

² Specify the pathway for the critical groundwater PCL (^{Gw}GW_{Ing}, ^{Gw}GW_{Class3}, ^{Air}GW_{Inh-V}, ecological PCL (eco), ^{Sw}GW, etc.) J:\CSSA Program\Restoration\SWMUs\North Pasture\SWMU B-2\APAR\Draft SWMU B-2 APAR.doc

Appendix 10 Laboratory Data Packages and Data Usability Summary

TO19 DATA VERIFICATION SUMMARY REPORT

for samples collected from

CAMP STANLEY STORAGE ACTIVITY

BOERNE, TEXAS

Data Verification by: Katherine LaPierre and Tammy Chang Parsons - Austin

INTRODUCTION

The following data verification summary report covers soil samples collected from Camp Stanley Storage Activity (CSSA) under Task Order 0019 on January 6, 2004. The samples in the following Sample Delivery Group (SDG) were analyzed for volatile organic compounds (VOCs), metals and explosives:

43475

The field quality control (QC) samples collected in association with this SDG included one matrix spike/matrix spike duplicate (MS/MSD) pair, two field duplicates (FD) and one trip blank. No ambient blanks were collected. During the initiation of this project, it was determined that ambient blanks were not necessary due to the absence of a source at these sites.

All samples were collected by Parsons. All analyses except Explosives were performed by APPL Inc. following the procedures outlined in the Statement of Work and CSSA QAPP, version 1.0. The samples in this SDG were shipped to APPL in two coolers. Both coolers were received by APPL at a temperature of 3.0° C which is within the 2-6^o C range recommended by the QAPP. The explosives analyses were subcontracted by APPL to EMAX Laboratories in Torrance, California. The samples were shipped from APPL to EMAX in a single cooler. The cooler was received by EMAX at a temperature of 3.4° C which is within the 2-6^o C range recommended by the QAPP.

EVALUATION CRITERIA

The data submitted by the laboratory has been reviewed and verified following the guidelines outlined in the CSSA QAPP, version 1.0. Information reviewed in the data packages included sample results; field and laboratory quality control results; calibrations, case narratives; raw data; chain-of-custody (COC) forms and sample receipt checklists. The analyses and findings presented in this report are based on the reviewed information, and whether guidelines in the CSSA QAPP, version 1.0, were met.

VOLATILES

General

The VOC portion of this SDG consisted of twenty-six (26) samples, including twenty-one (21) environmental soil samples, one MS/MSD pair, two field duplicates and one trip blank. The samples were collected on January 6, 2004 and were analyzed for Toluene only. The VOC analyses were performed according to the United States Environmental Protection Agency (USEPA) SW846 Method 8260B.

All samples in this SDG were analyzed following the procedures outlined in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

The soils were analyzed in three separate batches on a single instrument and the trip blank was analyzed in a separate water batch on a different instrument.

Accuracy

Accuracy was evaluated using the percent recovery (%R) obtained from the laboratory control spike (LCS) and spike duplicate (LCSD) samples, the MS/MSD samples, and the surrogate spikes. Sample B2-SW02 was designated for MS/MSD analysis on the COC.

There were four sets of LCS/LCSD samples analyzed, three soil LCS/LCSD pair (one for each soil batch) and one water LCS/LCSD pair (for the Trip Blank batch). All LCS and LCSD recoveries were within acceptance criteria.

The MS/MSD recoveries for Toluene failed to meet acceptance criteria as follows:

Analyte	MS %R	MSD %R	Criteria
Toluene	47.8	51.1	64-135%

The toluene results for all samples were flagged "M" due to the low bias demonstrated by the MS/MSD.

All surrogate spike recoveries were within acceptance criteria.

Precision

Precision was evaluated using the relative percent difference (RPD) obtained from the LCS/LCSD samples, the MS/MSD samples and field duplicate samples. Samples B2-SW12 and B2-SW13 were collected in duplicate. The second sample from each location was submitted and analyzed as a field duplicate.

All LCS/LCSD RPDs were within acceptance criteria.

The MS/MSD RPD for Toluene was within acceptance criteria.

Toluene was not detected in either the parent samples or their associated field duplicate samples, so the RPD calculation was not applicable.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

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- Comparing the COC procedures to those described in the CSSA QAPP;
- Comparing actual analytical procedures to those described in the CSSA QAPP;
- Evaluating holding times; and
- Examining laboratory blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

- All instrument tune criteria were met.
- Two initial calibrations (ICALs) were performed, one for soils and one for waters. All QAPP criteria were met for both ICALs.
- All second source verification criteria were met. The LCS/LCSD samples were prepared using a secondary source.
- All soil calibration verification criteria were met. No CCV analyses were performed for waters since the Trip Blank was analyzed immediately following the ICAL.
- All internal standard criteria were met.

Four method blanks (one for each batch) and one trip blank were analyzed in association with the VOC analyses in this SDG. Toluene was not detected at or above the RL in any of the method blanks. The trip blank was non-detect for Toluene.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All Toluene results for the samples in this SDG were considered usable. The completeness of the VOC portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

ICP METALS

General

The ICP metals portion of this SDG consisted of twenty-five (25) samples, including twenty-one (21) environmental soil samples, one MS/MSD pair and two field duplicates. The samples were collected on January 6, 2004 and were analyzed for a reduced list of ICP metals which included chromium and nickel only.

The ICP metals analyses were performed using USEPA SW846 Method 6010B. The samples in this SDG were analyzed following the procedures outlined in the CSSA QAPP. The samples were prepared and analyzed within the holding time required by the method.

Accuracy

Accuracy was evaluated using the %R obtained from the LCS/LCSD samples and MS/MSD samples. Sample B2-SW02 was designated for MS/MSD analysis on the COC.

Two LCS/LCSD pair were analyzed, one for each batch. All LCS/LCSD recoveries were within acceptance criteria.

All MS/MSD recoveries were within acceptance criteria for chromium and nickel.

Precision

Precision was evaluated using the RPD obtained from the LCS/LCSD samples, the MS/MSD samples, and the field duplicate samples. Samples B2-SW12 and B2-SW13 were collected in duplicate. The second sample from each location was submitted and analyzed as a field duplicate.

All LCS/LCSD and MS/MSD RPDs were within acceptance criteria.

For the FD pair analyzed on sample B2-SW12, both RPDs failed as follows:

Parent	Metal	FD RPD	Criteria
B2-SW12	Chromium	35.4	RPD < 20
D2-5 W12	Nickel	37.4	$\operatorname{Ki} D \leq 20$

All detections above the RL for these metals were flagged "J" for all samples due to the high field duplicate RPDs.

For the FD pair analyzed on sample B2-SW13, all RPDs met criteria as follows:

Parent	Metal	FD RPD	Criteria
B2-SW13	Chromium	2.1	RPD < 20
D2-5 W15	Nickel	1.3	$\operatorname{Ki} D \leq 20$

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the CSSA QAPP;
- Comparing actual analytical procedures to those described in the CSSA QAPP;
- Evaluating holding times; and
- Examining laboratory blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

- Two ICALs were performed. All QAPP criteria were met for both ICALs.
- All initial and continuing calibration verification criteria were met.
- All second source calibration criteria were met. The ICV samples were prepared using a secondary source.

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- All interference check criteria were met.
- A dilution test (DT) was analyzed on sample B2-SW12. Both metals failed to meet criteria as follows:

Metal	%D	Criteria
Chromium	12.7	0/D < 10
Nickel	15.5	$70D \le 10$

All associated sample results were already flagged "J" due to the failing field duplicate RPDs, so no additional corrective action was necessary.

• The laboratory also analyzed a post digestion spike (PDS) on sample B2-SW12. The PDS recoveries for both chromium and nickel were within acceptance criteria.

One method blank and several calibration blanks were analyzed in association with the ICP analyses in this SDG. All blanks were free of target metals at or above the RL.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All ICP metals results for the samples in this SDG were considered usable. The completeness for the ICP metals portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

CADMIUM

General

The cadmium portion of this SDG consisted of twenty-five (25) samples, including twenty-one (21) environmental soil samples, one MS/MSD pair and two field duplicates. The samples were collected on January 6, 2004 and were analyzed for cadmium using USEPA SW846 Method 7131A.

The samples in this SDG were analyzed following the procedures outlined in the CSSA QAPP. The samples were prepared and analyzed within the holding time required by the method.

It should be noted that ten of the samples were analyzed at a dilution due to the high levels of cadmium present.

Accuracy

Accuracy was evaluated using the %R obtained from the LCS/LCSD samples and the MS/MSD samples. Sample B2-SW02 was designated for MS/MSD analysis on the COC.

There were two LCS/LCSD pair analyzed for cadmium, one for each batch. All LCS/LCSD recoveries were within acceptance criteria.

The MS/MSD recoveries failed to meet criteria as follows:

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Parent	Metal	MS %R	MSD %R	Criteria
B2-SW02	Cadmium	133.3	133.3	80-122%

The cadmium results for all samples were flagged "M" in accordance with the CSSA QAPP.

Precision

Precision was evaluated using the RPD obtained from the LCS/LCSD samples, the MS/MSD samples, and the field duplicate analyte results. Samples B2-SW12 and B2-SW13 were collected in duplicate. The second sample from each location was submitted and analyzed as a field duplicate.

All LCS/LCSD and MS/MDS RPDs were within acceptance criteria.

For the FD pair analyzed on sample B2-SW12, the RPD met criteria as follows:

Metal	FD RPD	Criteria
Cadmium	15.4	$RPD \le 25$

For the FD pair analyzed on sample B2-SW13, the RPD failed criteria as follows:

Metal	FD RPD	Criteria
Cadmium	33.8	$RPD \le 25$

No corrective action was necessary because all cadmium results were previously flagged "M" due to the failing MS/MSD recoveries and the "M" flag supercedes the "J" flag in the CSSA QAPP flag hierarchy.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the CSSA QAPP;
- Comparing actual analytical procedures to those described in the CSSA QAPP;
- Evaluating holding times; and
- Examining laboratory blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

- Four ICALs were performed. All QAPP criteria were met for the four ICALs
- All initial and continuing calibration verification criteria were met.
- All second source calibration criteria were met. The ICV samples were prepared using a secondary source.
- Two dilution tests were performed. The DTs were analyzed on samples B2-SW02 and B2-SW16. Cadmium failed criteria in both DTs as follows:

Sample	Metal	%D	Criteria
B2-SW02	Cadmium	11.4	$D \le 10$
B2-SW16	Cadmium	14.9	$%D \le 10$

No corrective action was necessary because all sample results for cadmium were previously flagged "M" due to the failing MS/MSD recoveries.

• The laboratory also analyzed a PDS on samples B2-SW02 and B2-SW16. Cadmium met criteria in the PDS analyzed on sample B2-SW02 with a recovery of 91.6%. Cadmium failed criteria in the PDS analyzed on sample B2-SW16 as follows:

Sample	Metal	%R	Criteria
B2-SW16	Cadmium	123	85-115%

No corrective action was necessary because all sample results for Cadmium were previously flagged "M" due to the failing MS/MSD recoveries.

Two method blanks and several calibration blanks were analyzed in association with the cadmium analyses in this SDG. All blanks were free of cadmium at or above the RL.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All cadmium results for the samples in this SDG were considered usable. The completeness for the cadmium portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

LEAD

General

The lead portion of this SDG consisted of twenty-five (25) samples, including twenty-one (21) environmental soil samples, one MS/MSD pair and two field duplicates. The samples were collected on January 6, 2004 and were analyzed for lead using USEPA SW846 Method 7421.

The samples in this SDG were analyzed following the procedures outlined in the CSSA QAPP. The samples were prepared and analyzed within the holding time required by the method.

It should be noted that all samples required a dilution due to the high levels of lead present.

Accuracy

Accuracy was evaluated using the %R obtained from the LCS/LCSD samples and MS/MSD samples. Sample B2-SW02 was designated for MS/MSD analysis on the COC.

There were two LCS/LCSD pair analyzed in association with the lead results, one for each batch. All LCS/LCSD recoveries were within acceptance criteria.

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Parent	Metal	MS %R	MSD %R	Criteria
B2-SW02	Lead	(89.6)	-4.4	74-124%

The MS recovery met criteria, but the MSD recovery failed as follows:

() indicates the recovery met criteria.

The anomalous MSD recovery was due to the fact that the parent sample concentration was significantly greater than (more than twenty times) the spike amount. The lead results for all samples were flagged "M" in accordance with the CSSA QAPP.

Precision

Precision was evaluated using the RPD obtained from the LCS/LCSD samples, the MS/MSD samples, and the field duplicate analyte concentrations. Samples B2-SW12 and B2-SW13 were collected in duplicate. The second sample from each location was submitted and analyzed as a field duplicate.

All LCS/LCSD and MS/MSD RPDs were within acceptance criteria.

For the FD pair analyzed on sample B2-SW12, the RPD met criteria as follows:

Metal	FD RPD	Criteria
Lead	0.9	$RPD \le 25$

For the FD pair analyzed on sample B2-SW13, the RPD failed criteria as follows:

Metal	FD RPD	Criteria
Lead	56.7	$RPD \le 25$

No corrective action was necessary because all lead results were previously flagged "M" due to the failing MSD recovery and the "M" flag supercedes the "J" flag in the CSSA QAPP flag hierarchy.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the CSSA QAPP;
- Comparing actual analytical procedures to those described in the CSSA QAPP;
- Evaluating holding times; and
- Examining laboratory blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

- Two ICALs were performed. All QAPP criteria were met for both ICALs.
- All initial and continuing calibration verification criteria were met.
- All second source calibration criteria were met. The ICV samples were prepared using a secondary source.

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• The laboratory analyzed a dilution test on samples B2-SW02 and B2-SW16. Both dilution tests met criteria as follows:

Sample	Metal	%D	Criteria
B2-SW02	Lead	10	$\%D \le 10$
B2-SW16	Lead	7.3	%D ≤ 10

• The laboratory also analyzed a PDS on samples B2-SW02 and B2-SW16. Lead met criteria in the PDS analyzed on sample B2-SW02 with a recovery of 110%. Lead failed to meet criteria in the PDS analyzed on sample B2-SW16 as follows:

Samp	ole	Metal	%R	Criteria
B2-SW	/16	Lead	79.6	85-115%

No corrective action was necessary because all sample results for Lead were previously flagged "M" due to the failing MSD recovery.

Two method blanks and several calibration blanks were analyzed in association with the lead analyses in this SDG. All blanks were free of lead at or above the RL.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All lead results for the samples in this SDG were considered usable. The completeness for the lead portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

EXPLOSIVES

General

The Explosives portion of this SDG consisted of twenty-five (25) samples, including twenty-one (21) environmental soil samples, one MS/MSD pair, and two field duplicates. The samples were collected on January 6, 2004 and were analyzed for the full list of Explosives as specified by the CSSA QAPP. The Explosives analyses were performed in accordance with USEPA SW846 Method 8330.

All samples in this SDG were analyzed following the procedures outlined in the CSSA QAPP, with the exceptions noted in this report. All samples were prepared and analyzed within the holding time required by the method.

The samples were extracted in two batches. Extraction batch EXA003S (performed on January 13, 2004) contained the first twenty samples plus one method blank and one LCS. Extraction batch EXA004S (performed on January 14, 2004) contained the last three samples plus one method blank and an LCS/LCSD pair.

It should be noted that the EMAX data was reported with RLs for several analytes that exceeded those listed in the CSSA QAPP. Details regarding the elevated RLs can be found in the following table. All RLs listed below are in mg/kg:

Analyte	Lab RL	QAPP RL

1,3,5-TNB	0.4	0.25
1,3-DNB	0.4	0.25
2,4,6-TNT	0.4	0.25
2,6-DNT	0.4	0.26
Nitrobenzene	0.4	0.26
o-Nitrotoluene	0.4	0.25

The MDLs for these analytes were 40% (or less) of the QAPP RL. No results were reported between the MDL and the RL for the samples in this SDG. All sample results were non-detect. Thus, data quality was not affected by the elevated RLs. All results were well below the action levels for these compounds

Accuracy

Accuracy was evaluated using the %R obtained from the LCS/LCSD samples, the MS/MSD samples, and the surrogate spikes. Sample B2-SW02 was designated for MS/MSD analysis on the COC.

All LCS/LCSD and MS/MSD recoveries were within acceptance criteria. The laboratory tolerances for LCS/LCSD and MS/MSD recoveries provided in the report differ slightly from those listed in the CSSA QAPP. However, all LCS/LCSD and MS/MSD recoveries were well within CSSA QAPP tolerances. The LCS/LCSD recoveries ranged from a low of 98% to a high of 120%, and the MS/MSD recoveries ranged from a low of 91% to a high of 121%.

All surrogate spike recoveries were within criteria. The lab used 3,4-Dinitrotoluene as the surrogate. The laboratory tolerances for surrogate recoveries were 54-154%. However, the surrogate recoveries for all samples and QC associated with this SDG ranged from a low of 86% to a high of 117% and met CSSA QAPP criteria.

Precision

Precision was evaluated using the RPD obtained from the LCS/LCSD samples, the MS/MSD samples and field duplicate samples. Samples B2-SW12 and B2-SW13 were collected in duplicate. The second sample from each location was submitted and analyzed as a field duplicate.

All LCS/LCSD and MS/MSD RPDs were within acceptance criteria.

All analytes were non-detect in both parent samples and their associated field duplicate samples, so the RPD calculation was not applicable.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the CSSA QAPP;
- Comparing actual analytical procedures to those described in the CSSA QAPP;
- Evaluating holding times; and
- Examining laboratory blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

- All initial calibration criteria were met for both the Primary and Secondary column.
- All second source verification criteria were met for both the Primary and Secondary column. The ICV samples were prepared using a secondary source.
- All calibration verification criteria were met, except for the following:

CCV Date & Time	Analyte	%D	Criteria
1/4/2004 23:41	2,4,6-TNT	19	$D \le 15$
1/5/2004 05:27	2,4,6-TNT	21	$\%D \le 15$

The average %D for all analytes in the CCVs met method criteria. However, because the CSSA QAPP specifies that all analytes must be recovered within $\pm 15\%$, this analyte failed the QAPP criteria. A teleconference call with CSSA/Portage/Parsons was conducted on May 25, 2004 and all parties agreed that the higher %D of these CCVs would only cause high-biased results. Since there was no sample with detected amount of 2,4,6-TNT, no data qualifier is needed.

• Only one sample in this SDG had a detection for explosives. The detection of 2,4-DNT in sample B2-BOT02 was confirmed on a Secondary column and the RPD between the Primary and Secondary result met criteria.

Two method blanks (one for each extraction batch) were analyzed in association with the Explosives analyses in this SDG. Both method blanks were non-detect for all target analytes.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All Explosives results for the samples in this SDG were considered usable. The completeness for explosives was 100% which met the 90% requirement.

TO19 DATA VERIFICATION SUMMARY REPORT

for samples collected from

CAMP STANLEY STORAGE ACTIVITY

BOERNE, TEXAS

Data Verification by: Katherine LaPierre and Tammy Chang Parsons - Austin

INTRODUCTION

The following data verification summary report covers soil samples collected from Camp Stanley Storage Activity (CSSA) under Task Order 0019 on May 11, 2004. The samples in the following Sample Delivery Group (SDG) were analyzed for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs) and metals:

44445

The field quality control (QC) samples collected in association with this SDG included one field duplicate (FD) and one matrix spike/matrix spike duplicate (MS/MSD) pair. No ambient blanks were collected. During the initiation of this project, it was determined that ambient blanks were not necessary due to the absence of a source at these sites. No trip blank was included in the cooler, even though three samples required analysis for Toluene.

All samples were collected by Parsons and analyzed by APPL Inc. following the procedures outlined in the Statement of Work and CSSA QAPP, version 1.0. The cooler associated with this SDG was received by the laboratory at a temperature of 3.0° C which is within the 2-6° C range recommended by the QAPP.

EVALUATION CRITERIA

The data submitted by the laboratory has been reviewed and verified following the guidelines outlined in the CSSA QAPP, version 1.0. Information reviewed in the data packages included sample results; field and laboratory quality control results; calibrations; case narratives; raw data; chain-of-custody (COC) forms and cooler receipt checklists. The analyses and findings presented in this report are based on the reviewed information, and whether guidelines in the CSSA QAPP, version 1.0, were met.

VOLATILES

General

The VOC portion of this SDG consisted of three (3) environmental soil samples. The samples were collected on May 11, 2004 and were analyzed for Toluene only according to United States Environmental Protection Agency (USEPA) SW846 Method 8260B.

All samples in this SDG were analyzed following the procedures outlined in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

It should be noted that no Trip Blank was included in the cooler for these samples. Since all samples were non-detect for Toluene, data quality was not affected and no corrective action was necessary.

Accuracy

Accuracy was evaluated using the percent recovery (%R) obtained from the laboratory control spike (LCS) and LCS duplicate (LCSD) samples and the surrogate spikes. No sample was designated for MS/MSD analysis on the COC for volatiles.

All LCS/LCSD and surrogate spike recoveries were within acceptance criteria.

Precision

Precision was evaluated using the relative percent difference (RPD) obtained from the LCS/LCSD analyte results.

The LCS/LCSD RPD for Toluene was within acceptance criteria.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the CSSA QAPP;
- Comparing actual analytical procedures to those described in the CSSA QAPP;
- Evaluating holding times; and
- Examining laboratory blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

- All instrument tune criteria were met.
- All initial calibration criteria were met.
- All second source verification criteria were met. The LCS and LCSD were prepared using a secondary source.
- No continuing calibration verification samples were required because the samples were analyzed immediately following the initial calibration.
- All internal standard criteria were met.

One method blank was analyzed in association with the VOC analyses in this SDG. Toluene was not detected at or above the RL in the method blank.

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Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All VOCs results for the samples in this SDG were considered usable. The completeness of the VOCs portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

SEMIVOLATILES

General

The SVOC portion of this SDG consisted of three (3) environmental soil samples. The samples were collected on May 11, 2004 and were analyzed for Di-n-butylphthalate only according to USEPA SW846 Method 8270C.

All samples in this SDG were analyzed following the procedures outlined in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

Accuracy

Accuracy was evaluated using the %R obtained from the LCS sample and the surrogate spikes. No sample was designated for MS/MSD analysis on the COC for semivolatiles.

All LCS and surrogates recoveries were within acceptance criteria.

Precision

Precision could not be evaluated for the SVOC portion of this SDG because no duplicate analyses were performed.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the CSSA QAPP;
- Comparing actual analytical procedures to those described in the CSSA QAPP;
- Evaluating holding times; and
- Examining laboratory blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

- All instrument tune criteria were met.
- All initial calibration criteria were met.
- All second source verification criteria were met.

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- All continuing calibration verification criteria were met.
- All internal standard criteria were met.

One method blank was analyzed in association with the SVOC analyses in this SDG. Di-n-butylphthalate was not detected at or above the RL in the method blank.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All SVOCs results for the samples in this SDG were considered usable. The completeness of the SVOCs portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

ICP METALS

General

The ICP metals portion of this SDG consisted of two (2) environmental soil samples. The samples were collected on May 11, 2004 and were analyzed for a reduced list of ICP metals. Sample DD-SW22 was analyzed for zinc only and sample DD-SW24 was analyzed for copper and zinc.

The ICP metals analyses were performed using USEPA SW846 Method 6010B. The samples in this SDG were analyzed following the procedures outlined in the CSSA QAPP. The samples were prepared and analyzed in two batches and within the holding time required by the method.

Accuracy

Accuracy was evaluated using the %R obtained from the LCS/LCSD samples. No sample was designated for MS/MSD analysis on the COC for copper or zinc.

All LCS/LCSD recoveries were within acceptance criteria.

Precision

Precision was evaluated using the RPD obtained from the LCS/LCSD.

The LCS/LCSD RPDs for both copper and zinc were within acceptance criteria.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the CSSA QAPP;
- Comparing actual analytical procedures to those described in the CSSA QAPP;
- Evaluating holding times; and
- Examining laboratory blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

- All initial calibration criteria were met.
- All initial and continuing calibration verification criteria were met.
- All second source calibration criteria were met. The ICV was prepared using a secondary source.
- All interference check criteria were met.
- No dilution test (DT) was required since no metals were detected at a concentration of 50 times the MDL.
- No PDS was required as per the CSSA QAPP.

One method blank and several calibration blanks were analyzed in association with the ICP analyses in this SDG. All blanks were free of copper and zinc at or above the RL.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All ICP metals results for the samples in this SDG were considered usable. The completeness for the ICP metals portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

LEAD

General

The lead portion of this SDG consisted of eighteen (18) samples, including sixteen (16) environmental soil samples and one MS/MSD pair. The samples were collected on May 11, 2004 and were analyzed for lead using USEPA SW846 Method 7421.

The samples in this SDG were analyzed following the procedures outlined in the CSSA QAPP. The samples were prepared and analyzed in two analytical batches and within the holding time required by the method.

It should be noted that all samples required dilution due to the high levels of lead present.

Accuracy

Accuracy was evaluated using the %R obtained from the LCS/LCSD and MS/MSD samples. Sample B2-SW20 was designated for MS/MSD analysis on the COC.

The LCS/LCSD recoveries were within acceptance criteria.

The lead recoveries failed to meet criteria in the MS/MSD as follows:

Analyte	MS %R	MSD %R	Criteria
Lead	-36.0	-40.0	74-124%

The anomalous recoveries are due to the low spike amount relative to the native sample concentration. The parent sample concentration for lead was greater than ten times the amount spiked. All lead results for the samples in this SDG were flagged "M" in accordance with the CSSA QAPP.

Precision

Precision was evaluated using the RPD obtained from the LCS/LCSD and MS/MSD samples.

Both the LCS/LCSD and MS/MSD RPDs were within acceptance criteria.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the CSSA QAPP;
- Comparing actual analytical procedures to those described in the CSSA QAPP;
- Evaluating holding times; and
- Examining laboratory blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

- There were two initial calibration curves analyzed for lead. Both curves met all initial calibration criteria.
- All initial and continuing calibration verification criteria were met.
- All second source calibration criteria were met. The two ICV samples (one for each ICAL) were prepared using a secondary source.
- The dilution test was analyzed on sample B2-SW20. The DT was evaluated using the 10x and 50x dilutions for this sample. The DT met criteria with a %D of 3.8.
- No PDS was required as per the CSSA QAPP.

One method blank and several calibration blanks were analyzed in association with the lead analyses in this SDG. All blanks were free of lead at or above the RL.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All lead results for the samples in this SDG were considered usable. The completeness for the lead portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

MERCURY

General

The mercury portion of this SDG consisted of five (5) samples, including four (4) environmental soil samples and one filed duplicate. The samples were collected on May 11, 2004 and were analyzed for mercury using USEPA SW846 Method 7471A.

The samples in this SDG were analyzed following the procedures outlined in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

Accuracy

Accuracy was evaluated using the %R obtained from the LCS/LCSD samples. No sample was designated for MS/MSD analysis on the COC.

Both LCS/LCSD recoveries were within acceptance criteria.

Precision

Precision was evaluated using the RPD obtained from the LCS/LCSD samples and the field duplicate analyte results. Sample DD-SW25 was collected in duplicate. The second jar for this sample was submitted and analyzed as a field duplicate.

The LCS/LCSD RPD was within acceptance criteria.

The field duplicate RPD for sample DD-SW25 could not be calculated because mercury was non-detect in both the parent and field duplicate samples.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the CSSA QAPP;
- Comparing actual analytical procedures to those described in the CSSA QAPP;
- Evaluating holding times; and
- Examining laboratory blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the CSSA QAPP. The samples were prepared and analyzed within the holding times required by the method.

- All initial calibration criteria were met.
- All calibration verification criteria were met.
- All second source verification criteria were met. The ICV was prepared using a secondary source.

One method blank and several calibration blanks were analyzed in association with the mercury analyses in this SDG. All blanks were free of mercury at or above the RL.

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Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All mercury results for the samples in this SDG were considered usable. The completeness for the mercury portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

TO19 DATA VERIFICATION SUMMARY REPORT

for samples collected from

CAMP STANLEY STORAGE ACTIVITY

BOERNE, TEXAS

Data Verification by: Katherine LaPierre and Tammy Chang Parsons - Austin

INTRODUCTION

The following data verification summary report covers soil samples collected from Camp Stanley Storage Activity (CSSA) under Task Order 0019 on November 8, 2004. The samples in the following Sample Delivery Group (SDG) were analyzed for volatile organic compounds (VOCs), explosives and metals:

45893

The field quality control (QC) samples collected in association with this SDG included one field duplicate, one matrix spike/matrix spike duplicate (MS/MSD) pair and one trip blank. No ambient blanks were collected. During the initiation of this project, it was determined that ambient blanks were not necessary due to the absence of a source at these sites. The trip blank was analytes for volatiles only. The field duplicate and MS/MSD were analyzed for lead only, in accordance with the chain-of-custody (COC).

All samples were collected by Parsons. All analyses were performed by APPL Inc. following the procedures outlined in the Statement of Work and CSSA QAPP, version 1.0. The cooler associated with this SDG was received by APPL at a temperature of 2.7° C which is within the 2-6° C range recommended by the QAPP.

EVALUATION CRITERIA

The data submitted by the laboratory has been reviewed and verified following the guidelines outlined in the CSSA QAPP, version 1.0. Information reviewed in the data packages included sample results; field and laboratory quality control results; calibrations; case narratives; raw data; cooler receipt form and COC forms. The analyses and findings presented in this report are based on the reviewed information, and whether guidelines in the CSSA QAPP, version 1.0, were met.

VOLATILES

General

The VOC portion of this SDG consisted of three (3) samples, including two (2) environmental soil samples and one trip blank. The samples were collected on November 8, 2004 and were analyzed for toluene only.

The VOC analyses were performed according to the United States Environmental Protection Agency (USEPA) SW846 Method 8260B. All samples in this SDG were analyzed following the procedures outlined in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.
Accuracy

Accuracy was evaluated using the percent recovery (%R) obtained from the laboratory control spike (LCS) and LCS duplicate (LCSD) samples and the surrogate spikes. No sample was designated for MS/MSD analysis on the COC.

The soil batch contained an LCS only. The water batch contained both an LCS and an LCSD. All LCSs and LCSD recoveries were within acceptance criteria.

All surrogate spike recoveries were within acceptance criteria.

Precision

Precision was evaluated using the relative percent difference (RPD) obtained from the LCS/LCSD samples for waters. Precision could not be assessed for soils since no duplicate analyses were performed.

All LCS/LCSD RPDs for water batch were within acceptance criteria for waters.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the CSSA QAPP;
- Comparing actual analytical procedures to those described in the CSSA QAPP;
- Evaluating holding times; and
- Examining field and laboratory blanks for cross contamination of samples during sample transit and analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

- All instrument tune criteria were met.
- All initial calibration criteria were met. There were two ICALs associated with this SDG, one for soils and one for waters.
- All second source verification criteria were met. The LCS and LCSD samples were prepared using a secondary source.
- All calibration verification criteria were met, except for the following:

ICV ID	Analyte	%D	Criteria
Vol Std 03-01-04D@50ug/L	Ethylbenzene	20.7	$D \le 20$

This ICV was run at the beginning of the soil batch. However, since the samples were analyzed for toluene only and toluene met criteria in the ICV, no corrective action was necessary.

- All internal standard criteria were met.
- All manual integrations were reviewed and approved.

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Two method blanks (one soil and one water) and one Trip Blank were analyzed in association with the VOC analyses in this SDG. All blanks were free of toluene at or above the RL.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All VOC results for the samples in this SDG were considered usable. The completeness of the VOC portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

EXPLOSIVES

General

The explosives portion of this SDG consisted of two (2) environmental soil samples. The samples were collected on November 8, 2004 and were analyzed for the full list of explosives as specified in the CSSA QAPP.

The explosives analyses were performed according to USEPA SW846 Method 8330. All samples in this SDG were analyzed following the procedures outlined in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

Accuracy

Accuracy was evaluated using the recovery obtained from the LCS/LCSD samples and the surrogate spikes. No sample was designated for MS/MSD analysis on the COC.

All LCS/LCSD recoveries were within acceptance criteria.

The lab used 1,2-Dinitrobenzene as the surrogate. The laboratory used the CSSA QAPP soil accuracy tolerances for 1,3-Dinitrobenzene (65-135%) as the surrogate tolerances since the two compounds are similar in chemical structure. All surrogate spike recoveries were within criteria, with the exception of the LCS. The surrogate recovery for the LCS was slightly above tolerance at 138%. Since all analytes met criteria in the LCS, no corrective action was necessary.

Precision

Precision was evaluated using the RPD obtained from the LCS/LCSD samples.

All LCS/LCSD RPDs were within acceptance criteria.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the CSSA QAPP;
- Comparing actual analytical procedures to those described in the CSSA QAPP;
- Evaluating holding times; and

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• Examining laboratory blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

- All samples were non-detect for explosives, so no secondary column analysis was required.
- All initial calibration criteria were met for the Primary column.
- All second source verification criteria were met for the Primary column.
- All calibration verification criteria were met.

There was one method blank associated with the Explosives analyses in this SDG. No target analytes were detected at or above the RL in the method blank.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All Explosives results for the samples in this SDG were considered usable. The completeness for the Explosives portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

ICP METALS

General

The ICP metals portion of this SDG consisted of two (2) environmental soil samples. The samples were collected on November 8, 2004 and were analyzed for chromium and nickel only.

The ICP metals analyses were performed using USEPA SW846 Method 6010B. The samples in this SDG were analyzed following the procedures outlined in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

Accuracy

Accuracy was evaluated using the %R obtained from the LCS/LCSD. No sample was designated for MS/MSD analysis on the COC.

All LCS/LCSD recoveries were within acceptance criteria.

Precision

Precision was evaluated using the RPD obtained from the LCS/LCSD samples.

Both LCS/LCSD RPDs were within acceptance criteria.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

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- Comparing the COC procedures to those described in the CSSA QAPP;
- Comparing actual analytical procedures to those described in the CSSA QAPP;
- Evaluating holding times; and
- Examining laboratory blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

- All initial calibration criteria were met.
- All initial and continuing calibration verification criteria were met.
- All second source calibration criteria were met. The ICV was prepared using a secondary source.
- All interference check criteria were met.
- A dilution test was analyzed on sample B2-SP01. Chromium met criteria, but nickel failed as follows:

Sample ID	Metal	%D	Criteria
B2 SP01	Chromium	8.6	%D < 10
D2-5101	Nickel	15.4	$/0D \ge 10$

No MS/MSD was analyzed for ICP metals, so all sample results for nickel were flagged "M" in accordance with the CSSA QAPP.

• No post digestion spike was required, as per the CSSA QAPP.

One method blank and several calibration blanks were analyzed in association with the ICP analyses in this SDG. All blanks were free of target metals at or above the RL.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All ICP metals results for the samples in this SDG were considered usable. The completeness for the ICP metals portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

CADMIUM

General

The cadmium portion of this SDG consisted of two (2) environmental soil samples. The samples were collected on November 8, 2004 and were analyzed for cadmium using USEPA SW846 Method 7131.

The samples in this SDG were analyzed following the procedures outlined in the CSSA QAPP. The samples were prepared and analyzed within the holding time required by the method.

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Accuracy

Accuracy was evaluated using the %R obtained from the LCS/LCSD samples. No sample was designated for MS/MSD analysis on the COC.

Both LCS/LCSD recoveries were within acceptance criteria.

Precision

Precision was evaluated using the RPD obtained from the LCS/LCSD samples.

The LCS/LCSD RPD was within acceptance criteria.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the CSSA QAPP;
- Comparing actual analytical procedures to those described in the CSSA QAPP;
- Evaluating holding times; and
- Examining laboratory blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

- All initial calibration criteria were met.
- All initial and continuing calibration verification criteria were met.
- All second source calibration criteria were met. The ICV was prepared using a secondary source.
- A dilution test was analyzed on sample B2-SP02. The DT failed to meet criteria as follows:

Sample ID	Metal	%D	Criteria
B2-SP02	Cadmium	13.1	$D \le 10$

No MS/MSD was analyzed for cadmium, so all sample results were flagged "M" in accordance with the CSSA QAPP.

• No PDS was required, as per the CSSA QAPP.

One method blank and several calibration blanks were analyzed in association with the cadmium analyses in this SDG. All blanks were free of cadmium at or above the RL.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All cadmium results for the samples in this SDG were considered usable. The completeness for the cadmium portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

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LEAD

General

The lead portion of this SDG consisted of thirteen (13) samples, including ten (10) environmental soil samples, one MS/MSD pair and one field duplicate. The samples were collected on November 8, 2004 and were analyzed for lead using USEPA SW846 Method 7421.

The samples in this SDG were analyzed following the procedures outlined in the CSSA QAPP. The samples were prepared and analyzed within the holding time required by the method.

It should be noted that all of the samples required a dilution due to the high levels of lead present.

Accuracy

Accuracy was evaluated using the %R obtained from the LCS/LCSD samples and the MS/MSD samples. Sample B2-BOT09 was designated for MS/MSD analysis on the COC.

Both LCS/LCSD recoveries were within acceptance criteria.

The MS/MSD recoveries failed to meet criteria as follows:

Metal	MS %R	MSD %R	Criteria
Lead	1756	12566	74-124%

The anomalous recoveries were due to the low spike concentration relative to the amount of lead in the parent sample. The parent sample concentration for lead was 123.63 mg/kg and the spike concentration was only 2.5 mg/kg. All lead results were flagged "M" due to the failing MS/MSD recoveries in accordance with the CSSA QAPP.

Precision

Precision was evaluated using the RPD obtained from the LCS/LCSD samples, MS/MSD samples and the field duplicate analyte concentrations. Sample B2-SW28 was collected in duplicate. The second sample from this location was submitted and analyzed as a field duplicate.

The LCS/LCSD RPD was within acceptance criteria.

The MS/MSD RPD failed to meet criteria (RPD ≤ 25) at 89.3. All sample results for lead were previously flagged "M" due to the non-compliant MS/MSD recoveries, so no additional corrective action was necessary.

The field duplicate RPD failed to meet criteria as follows:

Metal	Parent Conc.	FD Conc.	RPD	Criteria
Lead	48.34 mg/kg	373.26 mg/kg	154	74-124%

All sample results for lead were previously flagged "M" due to the non-compliant MS/MSD recoveries, so no additional corrective action was necessary. (The "M" flag supercedes the "J" flag in the CSSA QAPP flag hierarchy.)

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the CSSA QAPP;
- Comparing actual analytical procedures to those described in the CSSA QAPP;
- Evaluating holding times; and
- Examining laboratory blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

- All initial calibration criteria were met.
- All initial and continuing calibration verification criteria were met for the diluted analyses. The laboratory performed the diluted analyses for all samples first, and then reanalyzed the samples undiluted in accordance with the CSSA QAPP. Because the samples contained such high levels of lead, the calibration verification samples analyzed after the undiluted runs exceeded criteria due to carry-over. The undiluted analyses were not used as all lead concentrations exceeded the linear range of the instrument. Therefore, no corrective action was necessary.
- All second source calibration criteria were met. The ICV was prepared using a secondary source.
- The dilution test was analyzed on sample B2-SP01. The DT failed to meet criteria as follows:

Metal	%D	Criteria
Lead	31.8	$D \le 10$

All sample results for lead were previously flagged "M" due to the non-compliant MS/MSD recoveries, so no additional corrective action was necessary.

• No PDS was required, as per the CSSA QAPP.

One method blank and several calibration blanks were analyzed in association with the lead analyses in this SDG. All blanks associated with the diluted analyses were free of lead at or above the RL. The laboratory performed the diluted analyses for all samples first, and then reanalyzed the samples undiluted in accordance with the CSSA QAPP. Because the samples contained such high levels of lead, the calibration blanks analyzed after the undiluted runs contained lead above the RL due to carry-over. The undiluted analyses were not used as all lead concentrations exceeded the linear range of the instrument. Therefore, no corrective action was necessary

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All lead results for the samples in this SDG were considered usable. The completeness for the lead portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

TO19 DATA VERIFICATION SUMMARY REPORT

for samples collected from

CAMP STANLEY STORAGE ACTIVITY

BOERNE, TEXAS

Data Verification by: Katherine LaPierre and Tammy Chang Parsons - Austin

INTRODUCTION

The following data verification summary report covers soil samples collected from Camp Stanley Storage Activity (CSSA) under Task Order 0019 on December 20, 2004. The samples in the following Sample Delivery Group (SDG) were analyzed for pesticides, semivolatile organic compounds (SVOCs), volatile organic compounds (VOCS), explosives, and metals:

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The field quality control (QC) samples collected in association with this SDG included one field duplicate and one trip blank. No ambient blanks were collected. During the initiation of this project, it was determined that ambient blanks were not necessary due to the absence of a source at these sites. The trip blank was analyzed for volatiles only. The field duplicate was analyzed for the same parameters as the parent sample.

All samples were collected by Parsons. All analyses were performed by APPL Inc. following the procedures outlined in the Statement of Work and CSSA QAPP, version 1.0. The cooler associated with this SDG was received by APPL at a temperature of 4.1° C which is within the 2-6°C range recommended by the QAPP.

EVALUATION CRITERIA

The data submitted by the laboratory has been reviewed and verified following the guidelines outlined in the CSSA QAPP, version 1.0. Information reviewed in the data packages included sample results; field and laboratory quality control results; calibrations; case narratives; raw data; cooler receipt form and chain-of-custody (COC) forms. The analyses and findings presented in this report are based on the reviewed information, and whether guidelines in the CSSA QAPP, version 1.0, were met.

PESTICIDES

General

The pesticide portion of this SDG consisted of six (6) samples, including five (5) environmental soil samples and one field duplicate. The samples were collected on December 20, 2004 and were analyzed for the full list of pesticides as specified in the CSSA QAPP. Only the samples from AOC53 required analysis for pesticides.

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The pesticide analyses were performed according to United States Environmental Protection Agency (USEPA) SW846 Method 8081A. All samples in this SDG were analyzed following the procedures outlined in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

Accuracy

Accuracy was evaluated using the percent recovery (%R) obtained from the Laboratory Control Spike (LCS) sample and the surrogate spikes. It should be noted that, due to laboratory oversight, no LCS was analyzed for toxaphene. All other analytes met criteria in the LCS and all surrogate recoveries were within criteria.

"R" flags were applied to all toxaphene data in this data package.

Precision

Precision is normally evaluated using the relative percent difference (RPD) obtained from the field duplicate analyte results. Sample AOC53-BOT02 was collected in duplicate. The second soil jar for this sample was submitted and analyzed as a field duplicate.

All analytes were non-detect in both the parent and field duplicate samples, so the RPD calculation was not applicable.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the CSSA QAPP;
- Comparing actual analytical procedures to those described in the CSSA QAPP;
- Evaluating holding times; and
- Examining laboratory blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

- All breakdown check criteria were met.
- All initial calibration (ICAL) criteria were met. One ICAL was analyzed for Toxaphene and a second ICAL was analyzed for all other target analytes.
- All second source verification criteria were met. The standards analyzed immediately following the ICALs were prepared using a secondary source.
- All calibration verification criteria were met, except for the following:

Standard ID	Column	Analyte	%D	Criteria
OCI $4.12/14/04$ (ICV)	1	alpha-BHC	17	%D < 15
OCL-4 12/14/04 (ICV)	1	delta-BHC	17	$70D \leq 13$
OCL-2 12/14/04 (CCV)	2	4,4'-DDD	17	$\%D \le 15$

No target analytes were detected in any of the samples, so no second column confirmation was needed. The laboratory used the "2" column as primary for alpha-BHC and delta-BHC, so no corrective action was necessary for these analytes. The laboratory used the "1" column as primary for 4,4'-DDD, so no corrective action was necessary for this analyte.

• All manual integrations were reviewed and approved.

One method blank was analyzed in association with the pesticide analyses in this SDG. The blank was free of all target pesticides at or above the RL.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All pesticide results for the samples in this SDG were considered usable except toxaphene. The completeness of the pesticide portion of this SDG is 95%, which meets the minimum acceptance criteria of 90%.

SEMIVOLATILES

General

The SVOC portion of this SDG consisted of six (6) samples, including five (5) environmental soil samples and field duplicate. The samples were collected on December 20, 2004 and were analyzed for the full list of SVOCs as specified in the CSSA QAPP. Only the samples from AOC53 required analysis for semivolatiles.

The SVOC analyses were performed according to USEPA SW846 Method 8270C. All samples in this SDG were analyzed following the procedures outlined in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

Accuracy

Accuracy was evaluated using the percent recovery obtained from the LCS sample and the surrogate spikes. No sample was designated for MS/MSD analysis on the COC.

All LCS and surrogate spike recoveries were within acceptance criteria.

Precision

Precision is normally evaluated using the RPD obtained from the field duplicate analyte results. Sample AOC53-BOT02 was collected in duplicate. The second soil jar for this sample was submitted and analyzed as a field duplicate.

All analytes were non-detect in both the parent and field duplicate samples, so the RPD calculation was not applicable.

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Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the CSSA QAPP;
- Comparing actual analytical procedures to those described in the CSSA QAPP;
- Evaluating holding times; and
- Examining laboratory blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

- All instrument tune criteria were met.
- All initial calibration criteria were met.
- All second source verification criteria were met. The LCS sample was prepared using a secondary source.
- All calibration verification criteria were met.
- All internal standard criteria were met.
- All manual integrations were reviewed and found to be acceptable.

One method blank was analyzed in association with the VOC analyses in this SDG. The blank was free of all target SVOCs at or above the RL.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All SVOC results for the samples in this SDG were considered usable. The completeness of the SVOC portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

VOLATILES

General

The VOC portion of this SDG consisted of fifteen (15) samples, including thirteen (13) environmental soil samples, one field duplicate and one trip blank. The samples were collected on December 20, 2004 and were analyzed for VOCs. Only the samples from AOC53 required analysis for the full list of volatiles as specified in the CSSA QAPP. The samples from B2 required analysis for toluene only.

The VOC analyses were performed according to USEPA SW846 Method 8260B. All samples in this SDG were analyzed following the procedures outlined in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

The VOC analyses were performed in four different analytical batches, three for soils and one for the water trip blank. The analyses were performed on two different instruments and each analytical batch was run using a separate ICAL.

Accuracy

Accuracy was evaluated using the percent recovery (%R) obtained from the LCS/LCSD samples, and the surrogate spikes. No sample was designated for MS/MSD analysis on the COC.

One soil batch and the water batch contained an LCS only. The remaining two soil batches contained both an LCS and LCSD. All LCS and LCSD recoveries were within acceptance criteria.

All surrogate spike recoveries were within acceptance criteria.

Precision

Precision is normally evaluated using the RPD obtained from the LCS/LCSD samples (when analyzed) and the field duplicate analyte results. Sample AOC53-BOT02 was collected in duplicate. The second soil jar for this sample was submitted and analyzed as a field duplicate.

All LCS/LCSD RPDs were within acceptance criteria.

All analytes were below the RL in both the parent and field duplicate samples, so the RPD calculation was not applicable.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the CSSA QAPP;
- Comparing actual analytical procedures to those described in the CSSA QAPP;
- Evaluating holding times; and
- Examining field and laboratory blanks for cross contamination of samples during sample transit and analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

- All instrument tune criteria were met.
- All initial calibration criteria were met. There were four ICALs associated with this SDG, three for soils and one for waters.
- The LCS and LCSD samples were prepared using a secondary source. All second source verification (SSV) criteria were met, except for the following:

SSV ID	Analyte	%D	Criteria
041228A LCS-1SC	Bromochloromethane	31	$D \le 25$

The bromochloromethane results for all samples associated with this SSV were flagged "R" in accordance with the CSSA QAPP.

• Only one continuing calibration verification (CCV) sample was analyzed because for all other batches, the samples were analyzed immediately following the initial calibration. All criteria were met for the one CCV, except for the following:

ICV ID	Analyte	%D	Criteria
Vol Std 12-28-04@20mg/kg	Bromochloromethane	24	$\%D \le 20$

The bromochloromethane results for all samples associated with this CCV were flagged "R" in accordance with the CSSA QAPP.

Sample ID	Internal Standard	Area Counts	Minimum AC
B2-SS07	1,4-Dichlorobenzene-d4	38558	43134
B2-SS08	1,4-Dichlorobenzene-d4 Chlorobenzene-d5	28746 92548	43134 93864

• All internal standard criteria were met, except for the following:

No corrective action was necessary for 1,4-Dichlorobenzene-d4 because these samples were analyzed for toluene only and toluene is not quantitated using this internal standard. Toluene is quantitated against Chlorobenzene-d5 which failed in sample B2-SS08. However, no corrective action was necessary because the toluene result for this sample was below the RL. (The "F" flag supercedes the "J" flag in the AFCEE QAPP flag hierarchy.)

• All manual integrations were reviewed and approved.

Four method blanks (three soil and one water) and one Trip Blank were analyzed in association with the VOC analyses in this SDG. All three soil method blanks and the trip blank were free of toluene at or above the RL. The water method blank contained the following detections above the RL:

Blank ID	Analyte	Conc. (µg/L)	RL (µg/L)
	1,2,3-Trichlorobenzene	1.1	0.3
041229A BKK-1WM	1,2,4-Trichlorobenzene	0.64	0.4
	Bromomethane	2.5	1.1
	Naphthalene	0.83	0.4

No corrective action was necessary since this method blank was only associated with the trip blank and all analytes were non-detect in the trip blank.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

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All VOC results for the samples in this SDG were considered usable, with the exception of bromochloromethane in the samples analyzed on instrument Chico on December 27, 2004. A total of five results were rejected. Therefore, the completeness of the VOC portion of this SDG is 98.8%, which meets the minimum acceptance criteria of 90%. The completeness for bromochloromethane in this SDG is only 28.6%.

EXPLOSIVES

General

The explosives portion of this SDG consisted of eight (8) environmental soil samples. The samples were collected on December 20, 2004 and were analyzed for the full list of explosives as specified in the CSSA QAPP. Only the samples from site B2 required analysis for explosives.

The explosives analyses were performed according to USEPA SW846 Method 8330. All samples in this SDG were analyzed following the procedures outlined in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

Accuracy

Accuracy was evaluated using the recovery obtained from the LCS sample, MS/MSD samples and the surrogate spikes. Although no sample was designated for MS/MSD analysis on the COC, the laboratory analyzed an MS/MSD on sample B2-SS01.

All LCS recoveries were within acceptance criteria, except for the following:

LCS ID	Analyte	%D	Criteria
041228S LCSB	RDX	192	65-142%

No corrective action was necessary because the analyte was recovered high and was not detected in any of the samples.

All MS/MSD recoveries were within acceptance criteria, except for the following:

Parent	Analyte	MS %D	MSD %D	Criteria
B2-SS01	RDX	(104)	172	65-142%

() indicates the recovery met criteria.

The CSSA QAPP indicates that all sample results should be flagged "M" due to the high MSD recovery. However, after reviewing the raw data and other lab QC, it does not appear that the high MSD recovery is due to matrix. The LCS was also recovered high for RDX, indicating a possible high instrument bias. RDX was not detected in any of the samples, so the high bias did not adversely affect data quality. Thus, based on Parsons' review of the raw data and the professional judgment of the data validator, no flags were deemed necessary for RDX.

The lab used 1,2-Dinitrobenzene as the surrogate. The laboratory used the CSSA QAPP soil accuracy tolerances for 1,3-Dinitrobenzene (65-135%) as the surrogate

tolerances since the two compounds are similar in chemical structure. All surrogate spike recoveries were within the specified criteria.

Precision

Precision was evaluated using the RPD obtained from the MS/MSD samples.

All MS/MSD RPDs were within acceptance criteria.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the CSSA QAPP;
- Comparing actual analytical procedures to those described in the CSSA QAPP;
- Evaluating holding times; and
- Examining laboratory blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

- All samples were non-detect for explosives, so no secondary column analysis was required.
- All initial calibration criteria were met for the primary column.
- All second source verification criteria were met for the primary column.
- All calibration verification criteria were met. It should be noted that there were twelve injections between the ICAL and the CCV (ten environmental samples plus an LCS and a method blank). The CSSA QAPP indicates that a CCV must be run after every 10 samples, so the data was considered acceptable and no corrective action was necessary.

There was one method blank associated with the Explosives analyses in this SDG. No target analytes were detected at or above the RL in the method blank.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All Explosives results for the samples in this SDG were considered usable. The completeness for the Explosives portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

ICP METALS

General

The ICP metals portion of this SDG consisted of eight (8) environmental soil samples. The samples were collected on December 20, 2004 and were analyzed for chromium and nickel only. Only the samples from site B2 required analysis for metals.

The ICP metals analyses were performed using USEPA SW846 Method 6010B. The samples in this SDG were analyzed following the procedures outlined in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

Accuracy

Accuracy was evaluated using the %R obtained from the LCS/LCSD. No sample was designated for MS/MSD analysis on the COC.

All LCS/LCSD recoveries were within acceptance criteria.

Precision

Precision was evaluated using the RPD obtained from the LCS/LCSD samples.

All LCS/LCSD RPDs were within acceptance criteria.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the CSSA QAPP;
- Comparing actual analytical procedures to those described in the CSSA QAPP;
- Evaluating holding times; and
- Examining laboratory blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

- All initial calibration criteria were met.
- All initial and continuing calibration verification criteria were met.
- All second source calibration criteria were met. The ICV was prepared using a secondary source.
- All interference check criteria were met.
- The initial calibration was analyzed using multiple points and the low point was below the RL for chromium and nickel, so no RL check standard was necessary.
- A dilution test was analyzed on sample B2-SS08. Both chromium and nickel met criteria.
- No post digestion spike was required, as per the CSSA QAPP.

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One method blank and several calibration blanks were analyzed in association with the ICP analyses in this SDG. All blanks were free of target metals at or above the RL.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All ICP metals results for the samples in this SDG were considered usable. The completeness for the ICP metals portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

CADMIUM

General

The cadmium portion of this SDG consisted of eight (8) environmental soil samples. The samples were collected on December 20, 2004 and were analyzed for cadmium using USEPA SW846 Method 7421. Only the samples from site B2 required analysis for cadmium.

The samples in this SDG were analyzed following the procedures outlined in the CSSA QAPP. The samples were prepared and analyzed within the holding time required by the method.

It should be noted that four of the eight samples required dilutions due to the high concentration of cadmium present.

Accuracy

Accuracy was evaluated using the %R obtained from the LCS/LCSD samples. No sample was designated for MS/MSD analysis on the COC.

Both LCS/LCSD recoveries were within acceptance criteria.

Precision

Precision was evaluated using the RPD obtained from the LCS/LCSD samples.

The LCS/LCSD RPD was within acceptance criteria.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the CSSA QAPP;
- Comparing actual analytical procedures to those described in the CSSA QAPP;
- Evaluating holding times; and
- Examining laboratory blanks for cross contamination of samples during analysis.

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The samples in this SDG were analyzed following the COC and the analytical procedures described in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

- All initial calibration criteria were met.
- All initial and continuing calibration verification criteria were met.
- All second source calibration criteria were met. The ICV was prepared using a secondary source.
- A dilution test (DT) was analyzed on sample B2-SS04. The DT failed to meet criteria as follows:

Sample ID	Metal	%D	Criteria
B2-SS04	Cadmium	17.7	%D ≤ 10

No MS/MSD was analyzed for cadmium, so all sample results were flagged "M" in accordance with the CSSA QAPP.

• No PDS was required, as per the CSSA QAPP.

One method blank and several calibration blanks were analyzed in association with the cadmium analyses in this SDG. All blanks were free of cadmium at or above the RL.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All cadmium results for the samples in this SDG were considered usable. The completeness for the cadmium portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

LEAD

General

The lead portion of this SDG consisted of eight (8) environmental soil samples. The samples were collected on December 20, 2004 and were analyzed for lead using USEPA SW846 Method 7421. Only the samples from site B2 required analysis for lead.

The samples in this SDG were analyzed following the procedures outlined in the CSSA QAPP. The samples were prepared and analyzed within the holding time required by the method.

It should be noted that all of the samples required a dilution due to the high levels of lead present.

Accuracy

Accuracy was evaluated using the %R obtained from the LCS/LCSD samples. No sample was designated for MS/MSD analysis on the COC.

Both LCS/LCSD recoveries were within acceptance criteria.

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Precision

Precision was evaluated using the RPD obtained from the LCS/LCSD samples.

The LCS/LCSD RPD was within acceptance criteria.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the CSSA QAPP;
- Comparing actual analytical procedures to those described in the CSSA QAPP;
- Evaluating holding times; and
- Examining laboratory blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

- All initial calibration (ICAL) criteria were met. There were two ICALs associated with the data. All samples were analyzed under the first ICAL. However, due to analyst error, the dilution test was not analyzed until several days later. The second ICAL was associated with the dilution test only.
- All initial and continuing calibration verification criteria were met for the diluted analyses. The laboratory performed the diluted analyses for all samples first, and then reanalyzed the samples undiluted in accordance with the CSSA QAPP. Because the samples contained such high levels of lead, the calibration verification sample analyzed after the undiluted runs exceeded criteria due to carry-over. The undiluted analyses were not used as all lead concentrations exceeded the linear range of the instrument. Therefore, no corrective action was necessary.
- All second source calibration criteria were met for both ICALs. The ICV samples were prepared using a secondary source.
- The dilution test was analyzed on sample B2-SS01. It should be noted that the DT was performed several days after the original sample analysis due to analyst error. The DT was assessed using the 20x dilution and 100x dilution for sample B2-SS01. The DT failed to meet criteria as follows:

Metal	%D	Criteria
Lead	18.3	$D \le 10$

No MS/MSD was analyzed in this batch so all sample results for lead were flagged "M" in accordance with the CSSA QAPP.

• No PDS was required, as per the CSSA QAPP.

One method blank and several calibration blanks were analyzed in association with the lead analyses in this SDG. All blanks were free of lead at or above the RL.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All lead results for the samples in this SDG were considered usable. The completeness for the lead portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

TO19 DATA VERIFICATION SUMMARY REPORT

for samples collected from

CAMP STANLEY STORAGE ACTIVITY

BOERNE, TEXAS

Data Verification by: Katherine LaPierre and Tammy Chang Parsons - Austin

INTRODUCTION

The following data verification summary report covers soil samples collected from Camp Stanley Storage Activity (CSSA) under Task Order 0019 on February 2, 2005. The samples in the following Sample Delivery Group (SDG) were analyzed for metals:

46489

The field quality control (QC) samples collected in association with this SDG included two field duplicates and two matrix spike/matrix spike duplicate (MS/MSD) pairs. No ambient blanks were collected. During the initiation of this project, it was determined that ambient blanks were not necessary due to the absence of a source at these sites. The QC samples were analyzed for the same parameters as the associated parent sample.

All samples were collected by Parsons. All analyses were performed by APPL Inc. following the procedures outlined in the Statement of Work and CSSA QAPP, version 1.0. The cooler associated with this SDG was received by APPL at a temperature of 3.5° C which is within the 2-6°C range recommended by the QAPP.

EVALUATION CRITERIA

The data submitted by the laboratory has been reviewed and verified following the guidelines outlined in the CSSA QAPP, version 1.0. Information reviewed in the data packages included sample results; field and laboratory quality control results; calibrations; case narratives; raw data; cooler receipt form and chain-of-custody (COC) forms. The analyses and findings presented in this report are based on the reviewed information, and whether guidelines in the CSSA QAPP, version 1.0, were met.

ICP METALS

General

The ICP metals portion of this SDG consisted of eighteen (18) samples, including thirteen (13) environmental soil samples, two MS/MSD pair, and one field duplicate. The samples were collected on February 2, 2005 and were analyzed for barium, chromium, copper, nickel and zinc. The samples from site B2 did not require analysis for ICP metals.

The ICP metals analyses were performed using USEPA SW846 Method 6010B. The samples in this SDG were analyzed following the procedures outlined in the CSSA

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QAPP. All samples were prepared and analyzed within the holding time required by the method.

Accuracy

Accuracy was evaluated using the percent recovery (%R) obtained from the laboratory control spike (LCS) and laboratory control spike duplicate (LCSD) samples, and the MS/MSD samples. Samples AOC46-SS05 and AOC53-SW11 were both designated for MS/MSD analysis on the COC.

All LCS/LCSD recoveries were within acceptance criteria.

All MS/MSD recoveries were within acceptance criteria, with the following exceptions:

Parent Sample	Metal	MS %R	MSD %R	Criteria
	Barium	68.8	69.3	75-125
100/16 5505	Copper	62.9	57.6	75-125
AUC40-3505	Nickel	(75.9)	74.3	75-125
	Zinc	69.0	63.9	75-125
	Barium	8.7	-20.0	75-125
AOC53-SW11	Nickel	73.1	70.4	75-125
	Zinc	48.9	31.4	75-125

() indicates the recovery met criteria.

All sample results for barium, copper, nickel and zinc were flagged "M" due to the low bias demonstrated by the MS/MSD samples.

Precision

Precision was evaluated using the RPD obtained from the LCS/LCSD samples, the MS/MSD samples, and the field duplicate analyte results. Sample AOC53-BOT03 was collected in duplicate and the second jar from this location was submitted and analyzed as a field duplicate (FD).

All LCS/LCSD and MS/MSD RPDs were within acceptance criteria.

The field duplicate RPD was not applicable for chromium since both the parent sample and the field duplicate sample concentrations for chromium were below the RL. The field duplicate RPDs for all other target metals were within acceptance criteria as follows:

Metal	Parent Conc. (mg/kg)	FD Conc. (mg/kg)	RPD	Criteria
Barium	36.36	37.14	2.1	
Copper	11.91	11.02	7.8	PPD < 20
Nickel	5.93	6.68	11.9	$\operatorname{Ki} D \leq 20$
Zinc	28.43	27.02	5.1	

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the CSSA QAPP;
- Comparing actual analytical procedures to those described in the CSSA QAPP;
- Evaluating holding times; and
- Examining laboratory blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

- All initial calibration criteria were met.
- All initial and continuing calibration verification criteria were met.
- All second source calibration criteria were met. The ICV was prepared using a secondary source.
- All interference check criteria were met.
- The initial calibration was analyzed using multiple points and the low point was below the RL for all metals, so no RL check standard was necessary.
- A dilution test (DT) was analyzed on sample AOC46-SS05. The dilution test was not applicable for nickel because the parent sample concentration for this metal was less than 50 times the MDL. The DT met criteria for chromium and copper, but both barium and zinc failed as follows:

Sample ID	Metal	%D	Criteria
	Barium	11.4	
AOC46-SS05	Chromium	3.5	%D < 10
	Copper	6.5	$/0D \leq 10$
	Zinc	11.3	

No corrective action was necessary since all barium and zinc results were previously flagged "M" due to the failing MS/MSD recoveries.

• No post digestion spike was required, as per the CSSA QAPP.

One method blank and several calibration blanks were analyzed in association with the ICP analyses in this SDG. All blanks were free of target metals at or above the RL.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All ICP metals results for the samples in this SDG were considered usable. The completeness for the ICP metals portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

ARSENIC

General

The arsenic portion of this SDG consisted of eighteen (18) samples, including thirteen (13) environmental soil samples, two MS/MSD pair, and one field duplicate. The samples were collected on February 2, 2005 and were analyzed for arsenic using USEPA SW846 Method 7060A. The samples from site B2 did not require analysis for arsenic.

The samples in this SDG were analyzed following the procedures outlined in the CSSA QAPP. The samples were prepared and analyzed within the holding time required by the method.

The samples in this SDG were digested in two different batches and analyzed in a single batch under one initial calibration.

Accuracy

Accuracy was evaluated using the percent recovery obtained from the LCS/LCSD samples, and the MS/MSD samples. Samples AOC46-SS05 and AOC53-SW11 were both designated for MS/MSD analysis on the COC.

Two sets of LCS/LCSD samples were analyzed for arsenic, one LCS/LCSD pair for each digestion batch. All LCS/LCSD recoveries were within acceptance criteria.

All MS/MSD recoveries were within acceptance criteria, with the following exception:

Parent Sample	Metal	MS %R	MSD %R	Criteria
AOC53-SW11	Arsenic	(90.0)	70.8	74-120%
	() 11	.1		

() indicates the recovery met criteria.

Since two MS/MSD pair were analyzed and three of the four spikes met criteria, it is the professional opinion of the data verifier that the results do not illustrate a matrix effect was present and thus "M" flagging the data was not warranted. Discussions were held with Dr. Joe Fernando and Mr. Willie Sekula, both of Portage Environmental, Inc., and they agreed that because the failing MSD showed only a marginal exceedance and all other spike recoveries for arsenic were well within the acceptance criteria, no "M" flags should be applied.

Precision

Precision was evaluated using the RPD obtained from the LCS/LCSD samples, the MS/MSD samples, and the field duplicate analyte results. Sample AOC53-BOT03 was collected in duplicate and the second jar from this location was submitted and analyzed as a field duplicate (FD).

All LCS/LCSD and MS/MSD RPDs were within acceptance criteria.

The field duplicate RPD was within acceptance criteria as follows:

Metal	Parent Conc. (mg/kg)	FD Conc. (mg/kg)	RPD	Criteria
Arsenic	4.38	3.95	10.3	$RPD \le 25$

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the CSSA QAPP;
- Comparing actual analytical procedures to those described in the CSSA QAPP;
- Evaluating holding times; and
- Examining laboratory blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the CSSA QAPP within the holding time required by the method.

- There was one four-point initial calibration established for arsenic. All initial calibration criteria were met.
- All initial and continuing calibration verification criteria were met.
- All second source calibration criteria were met. The ICV sample was prepared using a secondary source.
- A dilution test (DT) was performed on samples AOC46-SS05 and on sample AOC53-SW11. Arsenic failed to meet criteria in both dilution tests as follows:

Sample ID	Metal	%D	Criteria
AOC46-SS05	Arsenic	12.1	$D \le 10$
AOC53-SW11	Arsenic	12.9	%D ≤ 10

All arsenic results were flagged "J" due to the failing dilution test results.

• No PDS was required as per the CSSA QAPP.

Two method blanks and several calibration blanks were analyzed in association with the arsenic analyses in this SDG. All blanks were free of arsenic at or above the RL.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All arsenic result for the samples in this SDG was considered usable. The completeness for the arsenic portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

CADMIUM

General

The cadmium portion of this SDG consisted of eighteen (18) samples, including thirteen (13) environmental soil samples, two MS/MSD pair, and one field duplicate. The samples were collected on February 2, 2005 and were analyzed for cadmium using USEPA SW846 Method 7421. The samples from site B2 did not require analysis for cadmium.

The samples in this SDG were analyzed following the procedures outlined in the CSSA QAPP. The samples were prepared and analyzed within the holding time required by the method.

The samples in this SDG were digested in two different batches and analyzed in a single batch under one initial calibration.

Accuracy

Accuracy was evaluated using the percent recovery obtained from the LCS/LCSD samples, and the MS/MSD samples. Samples AOC46-SS05 and AOC53-SW11 were both designated for MS/MSD analysis on the COC.

Two sets of LCS/LCSD samples were analyzed for cadmium, one LCS/LCSD pair for each digestion batch. All LCS/LCSD recoveries were within acceptance criteria.

All MS/MSD recoveries were within acceptance criteria.

Precision

Precision was evaluated using the RPD obtained from the LCS/LCSD samples, the MS/MSD samples, and the field duplicate analyte results. Sample AOC53-BOT03 was collected in duplicate and the second jar from this location was submitted and analyzed as a field duplicate (FD).

All LCS/LCSD and MS/MSD RPDs were within acceptance criteria.

The field duplicate RPD was within acceptance criteria as follows:

Metal	Parent Conc. (mg/kg)	FD Conc. (mg/kg)	RPD	Criteria
Cadmium	0.26	0.23	12.2	$RPD \le 25$

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the CSSA QAPP;
- Comparing actual analytical procedures to those described in the CSSA QAPP;
- Evaluating holding times; and
- Examining laboratory blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

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- All initial calibration criteria were met.
- All initial and continuing calibration verification criteria were met.
- All second source calibration criteria were met. The ICV was prepared using a secondary source.
- A dilution test (DT) was not required since all sample results were less than 25 times the MDL in the raw data. It should be noted that several samples had concentrations above 25 times the MDL after the calculation was performed to take the percent moisture into account. However, the bench analyst did not have the percent moisture data and thus, no DT was analyzed.
- No PDS was required, as per the CSSA QAPP.

Two method blanks and several calibration blanks were analyzed in association with the cadmium analyses in this SDG. All blanks were free of cadmium at or above the RL.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All cadmium results for the samples in this SDG were considered usable. The completeness for the cadmium portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

LEAD

General

The lead portion of this SDG consisted of twenty-five (25) samples, including nineteen (19) environmental soil samples, two MS/MSD pair, and two field duplicates. The samples were collected on February 2, 2005 and were analyzed for lead using USEPA SW846 Method 7421. The samples from site B2 required analysis for lead only.

The samples in this SDG were analyzed following the procedures outlined in the CSSA QAPP. The samples were prepared and analyzed within the holding time required by the method.

It should be noted that all of the samples required a dilution due to the high levels of lead present. The samples in this SDG were digested in two different batches and analyzed in a two batches under two different initial calibrations.

Accuracy

Accuracy was evaluated using the percent recovery obtained from the LCS/LCSD samples, and the MS/MSD samples. Samples AOC46-SS05 and AOC53-SW11 were both designated for MS/MSD analysis on the COC.

Two sets of LCS/LCSD samples were analyzed for cadmium, one LCS/LCSD pair for each digestion batch. All LCS/LCSD recoveries were within acceptance criteria.

All MS/MSD recoveries failed to meet acceptance criteria due to the high concentration of lead present in the parent sample. The amount of lead in the parent

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sample was greater than ten times the concentration spiked in the MS/MSD samples. All lead results were flagged "M" due to the non-compliant MS/MSD recoveries.

Precision

Precision was evaluated using the RPD obtained from the LCS/LCSD samples, the MS/MSD samples, and the field duplicate analyte results. Samples AOC53-BOT03 and B2-SS12 were collected in duplicate. The second jar from each of these locations was submitted and analyzed as a field duplicate (FD).

All LCS/LCSD RPDs were within acceptance criteria.

The RPD for the MS/MSD analyzed on sample AOC46-SS05 was within acceptance criteria. However, the RPD for the MS/MSD analyzed on sample AOC53-SW11 exceeded the acceptance criteria (RPD \leq 25) at 25.6. All lead results were previously flagged "M" due to the anomalous MS/MSD recoveries, so no corrective action was necessary.

Parent Sample	Metal	Parent Conc. (mg/kg)	FD Conc. (mg/kg)	RPD	Criteria
AOC53-BOT03	Lead	31.83	34.40	7.8	$RPD \le 25$
B2-SS12	Lead	141.83	139.02	2.0	$RPD \le 25$

All field duplicate RPDs were within acceptance criteria as follows:

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the CSSA QAPP;
- Comparing actual analytical procedures to those described in the CSSA QAPP;
- Evaluating holding times; and
- Examining laboratory blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

- All initial calibration (ICAL) criteria were met. There were two ICALs associated with the data. Both ICALs met all criteria.
- All initial and continuing calibration verification criteria were met.
- All second source calibration criteria were met for both ICALs. The ICV samples were prepared using a secondary source.
- A dilution test was analyzed on samples AOC46-SS05 and AOC53-SW11. The DT analyzed on sample AOC46-SS05 was assessed using the 25x dilution and the 125x dilution. The DT analyzed on sample AOC53-SW11 was assessed using the 50x dilution and the 250x dilution. Both dilution tests met criteria as follows:

Parent Sample	Metal	%D	Criteria
AOC46-SS05	Lead	0.9	$%D \le 10$
AOC53-SW11	Lead	5.3	$\%D \le 10$

• No PDS was required, as per the CSSA QAPP.

Two method blanks and several calibration blanks were analyzed in association with the lead analyses in this SDG. All blanks were free of lead at or above the RL.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All lead results for the samples in this SDG were considered usable. The completeness for the lead portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

MERCURY

General

The mercury portion of this SDG consisted of eighteen (18) samples, including thirteen environmental soil samples, two MS/MSD pair, and one field duplicate. The samples were collected on February 2, 2005 and were analyzed for mercury using USEPA SW846 Method 7471A. The samples from site B2 did not require analysis for mercury.

The samples in this SDG were analyzed following the procedures outlined in the CSSA QAPP. The samples were prepared and analyzed within the holding time required by the method.

Accuracy

Accuracy was evaluated using the percent recovery obtained from the LCS/LCSD samples, and the MS/MSD samples. Samples AOC46-SS05 and AOC53-SW11 were both designated for MS/MSD analysis on the COC.

All LCS/LCSD and MS/MSD recoveries were within acceptance criteria.

Precision

Precision was evaluated using the RPD obtained from the LCS/LCSD samples, the MS/MSD samples. The field duplicate analyte results were also reviewed for precision. Sample AOC53-BOT03 was collected in duplicate and the second jar from this location was submitted and analyzed as a field duplicate (FD).

All LCS/LCSD and MS/MSD RPDs were within acceptance criteria.

Both the parent and field duplicate results were non-detect for mercury, so the RPD calculation was not applicable.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the CSSA QAPP;
- Comparing actual analytical procedures to those described in the CSSA QAPP;
- Evaluating holding times; and
- Examining laboratory blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the CSSA QAPP. The samples were prepared and analyzed within the holding times required by the method.

- All initial calibration criteria were met.
- All calibration verification criteria were met.
- All second source verification criteria were met. The ICV was prepared using a secondary source.

One method blank and several calibration blanks were analyzed in association with the mercury analyses in this SDG. All blanks were free of mercury at or above the RL.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

The mercury results for all samples in this SDG were considered usable. The completeness for the mercury portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

TO19 DATA VERIFICATION SUMMARY REPORT

for samples collected from

CAMP STANLEY STORAGE ACTIVITY

BOERNE, TEXAS

Data Verification by: Katherine LaPierre and Tammy Chang Parsons - Austin

INTRODUCTION

The following data verification summary report covers soil samples collected from Camp Stanley Storage Activity (CSSA) under Task Order 0019 on May 31, 2005. The samples in the following Sample Delivery Group (SDG) were analyzed for lead only:

47635

The field quality control (QC) samples collected in association with this SDG included two field duplicates and one matrix spike/matrix spike duplicate (MS/MSD) pair. The field QC samples were analyzed for the same parameters as the associated parent samples.

All samples were collected by Parsons. All analyses were performed by APPL Inc. following the procedures outlined in the Statement of Work and CSSA QAPP, version 1.0. The cooler associated with this SDG was received by APPL at a temperature of 4.0° C which is within the 2-6°C range recommended by the QAPP.

EVALUATION CRITERIA

The data submitted by the laboratory has been reviewed and verified following the guidelines outlined in the CSSA QAPP, version 1.0. Information reviewed in the data packages included sample results; field and laboratory quality control results; calibrations; case narratives; raw data; cooler receipt form and chain-of-custody (COC) forms. The analyses and findings presented in this report are based on the reviewed information, and whether guidelines in the CSSA QAPP, version 1.0, were met.

LEAD

General

This SDG consisted of eighteen (18) samples, including fourteen (14) environmental soil samples, one MS/MSD pair and two field duplicates. The samples were collected on May 31, 2005 and were analyzed for lead only.

The lead analyses were performed using USEPA SW846 Method 7421. The samples in this SDG were analyzed following the procedures outlined in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

The lead analyses were performed in two analytical batches under two separate ICALs.

It should be noted that all samples required dilution due to the high levels of lead present.

Accuracy

Accuracy was evaluated using the percent recovery (%R) obtained from the LCS/LCSD and MS/MSD samples. Sample B8-SS38 was designated for MS/MSD analysis on the COC.

The LCS/LCSD recoveries were within acceptance criteria.

The MS/MSD recoveries failed to meet acceptance criteria as follows:

Analyte	MS %R	MSD %R	Criteria
Lead	1523	2928	74-124%

The anomalous recoveries were due to the low spike amount relative to the native parent sample concentration. Lead was present in the parent sample at a concentration greater than 10 times the amount spiked. All lead results were flagged "M" due to the non-compliant MS/MSD recoveries.

Precision

Precision was evaluated using the RPD obtained from the LCS/LCSD samples, the MS/MSD samples, and the field duplicate analyte results. Samples B2-SS20 and B8-SS33 were collected in duplicate. The second container for each of these sites was submitted and analyzed as a field duplicate (FD).

The LCS/LCSD RPD was within acceptance criteria.

The MS/MSD RPD failed to meet criteria the criteria (RPD ≤ 25) at 38.8%. All associated sample results were already flagged "M" due to the failing MS/MSD recoveries, so no corrective action was necessary.

The field duplicate RPDs met criteria as follows:

Parent Sample	Parent Result (mg/kg)	Duplicate Result (mg/kg)	RPD	Criteria
B2-SS20	206.89	253.33	20.2	DDD < 25
B8-SS33	108.08	94.24	13.7	$\operatorname{Kr} D \leq 23$

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the CSSA QAPP;
- Comparing actual analytical procedures to those described in the CSSA QAPP;
- Evaluating holding times; and
- Examining laboratory blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

- All initial calibration criteria were met.
- All initial calibration verification criteria were met.
- All second source calibration criteria were met. The ICV samples were prepared using a secondary source.
- All continuing calibration verification criteria were met.
- A dilution test (DT) was analyzed on sample B8-SS38. The DT was evaluated using the 20x dilution and the 100x dilution of this sample. The DT met criteria (%D ± 10) for lead with a percent difference of 1.9.
- No PDS was required as per the CSSA QAPP.

One method blank and several calibration blanks were analyzed in association with the lead analyses in this SDG. All blanks were free of lead at or above the RL, with one exception. The final CCB analyzed in the batch run on 6/13/05 contained lead above the RL (0.5 mg/kg) at 2.08 mg/kg. This CCB was run after the undiluted analyses of the samples and the lead was due to carry-over from the high concentration of lead in the samples. The samples bracketed by this CCB all had concentrations of lead that exceeded the upper limit of the ICAL range and thus were flagged "R". All CCBs bracketing the diluted analyses met criteria, so data quality was not affected and no corrective action was necessary.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All lead results for the samples in this SDG were considered usable. The completeness for the lead portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

DY01 DATA VERIFICATION SUMMARY REPORT

for samples collected from

CAMP STANLEY STORAGE ACTIVITY

BOERNE, TEXAS

Data Verification by: Katherine LaPierre Parsons - Austin

INTRODUCTION

The following data verification summary report covers soil samples and the associated field quality control (QC) samples collected from Camp Stanley Storage Activity (CSSA) under DY01 on March 4, 2008. The samples in the following Sample Delivery Group (SDG) were analyzed for lead only:

55982

No field QC samples were collected in association with this SDG.

All samples were collected by Parsons and analyzed by Agriculture & Priority Pollutants Laboratories, Inc. (APPL) in Fresno, California, following the procedures outlined in the Statement of Work and CSSA QAPP, Version 1.0.

The samples in this SDG were shipped to the laboratory in two coolers. Both coolers were received by the laboratory at a temperature of 2.0° C which was within the 2-6° C range recommended by the CSSA QAPP.

EVALUATION CRITERIA

The data submitted by the laboratory has been reviewed and verified following the guidelines outlined in the CSSA QAPP, Version 1.0. Information reviewed in the data packages included sample results; field and laboratory quality control results; calibrations; case narratives; raw data; COC forms and the cooler receipt checklist. The analyses and findings presented in this report are based on the reviewed information, and whether guidelines in the CSSA QAPP, Version 1.0, were met.

ICP/MS METALS

General

The ICP/MS metals portion of this SDG consisted of five (5) soil samples. The samples were collected on March 4, 2008 and were analyzed for lead only.

The ICP/MS metals analyses were performed using USEPA SW846 Method 6020. All samples in this SDG were analyzed following the procedures outlined in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

The ICP/MS metals samples were digested and analyzed in one batch under a single ICAL.

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Accuracy

Accuracy was evaluated using the percent recovery obtained from the LCS/LCSD and MS/MSD samples. No sample was designated for MS/MSD analysis on the COC for lead. However, the laboratory analyzed an MS/MSD pair on sample B2-SS16.

All LCS/LCSD and MS/MSD recoveries were within acceptance criteria.

Precision

Precision was evaluated using the RPD obtained from the LCS/LCSD and MS/MSD concentrations.

All LCS/LCSD and MS/MSD RPDs were within acceptance criteria.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the CSSA QAPP;
- Comparing actual analytical procedures to those described in the CSSA QAPP;
- Evaluating holding times; and
- Examining laboratory blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the CSSA QAPP. All samples were prepared and analyzed within the holding times required by the method.

- All instrument tune criteria were met.
- All initial calibration criteria were met.
- All calibration verification criteria were met.
- All second source verification criteria were met. The ICV was prepared using a secondary source.
- All interference check criteria were met.
- All internal standard criteria were met.
- A dilution test (DT) was analyzed on sample B2-SS16. The DT met criteria for lead, as follows:

Metal	%D	Criteria
Lead	3.7	$D \le 10$

• A post digestion spike (PDS) was analyzed on the same sample as the DT. Lead met criteria in the PDS, as follows:

Metal	%R	Criteria
Lead	81	75-125%

PAGE 2 OF 3
There was one method blank and several calibration blanks associated with the ICP/MS analyses in this SDG. All blanks were free of lead at or above the RL.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All ICP/MS results for the samples in this SDG were considered usable. The completeness for the ICP/MS portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

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DATA VERIFICATION SUMMARY REPORT

for samples collected from

CAMP STANLEY STORAGE ACTIVITY

BOERNE, TEXAS

Data Verification by: Tammy Chang Parsons - Austin

INTRODUCTION

The following data verification summary report covers soil samples and the associated field quality control (QC) samples collected from Camp Stanley Storage Activity (CSSA) under BRAC 50 on December 6, 2010. The samples in the following Sample Delivery Group (SDG) were analyzed for barium, copper and zinc:

63374

The field QC samples collected in association with this SDG included three field duplicate (FD) samples and two sets of matrix spike/matrix spike duplicate (MS/MSD).

All samples were collected by Parsons and analyzed by Agriculture & Priority Pollutants Laboratories, Inc. (APPL) in Clovis, California, following the procedures outlined in the Statement of Work and CSSA QAPP, Version 1.0.

The samples in this SDG were shipped to the laboratory in one cooler. This cooler was received by the laboratory at a temperature of 2.5° C which was within the 2-6° C range recommended by the CSSA QAPP.

EVALUATION CRITERIA

The data submitted by the laboratory has been reviewed and verified following the guidelines outlined in the CSSA QAPP, Version 1.0. Information reviewed in the data packages included sample results; field and laboratory quality control results; calibrations; case narratives; raw data; COC forms and the cooler receipt checklist. The analyses and findings presented in this report are based on the reviewed information, and whether guidelines in the CSSA QAPP, Version 1.0, were met.

ICP METALS

General

The ICP metals portion of this SDG consisted of thirty-three (33) samples, including twenty-six (26) environmental soil samples, three (3) FDs, and two (2) sets of MS/MSD. The samples were collected on December 6, 2010 and were analyzed for lead and zinc. The ICP metals analyses were performed using USEPA SW846 Method 6010B. All samples in this SDG were analyzed following the procedures outlined in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method.

The ICP metals samples were digested three batches,.

Accuracy

Accuracy was evaluated using the percent recovery obtained from the three laboratory control samples (LCS). Samples B28-SS37 and B28-SS47 were designated for MS/MSD analysis on the COC for this SDG.

All LCS recoveries were within acceptance criteria in all three batches.

For the MS/MSD analyses:

B28-SS37					
Metals	MS, %R	MSD, %R	Control Limits, %R		
Lead	179	65			
Zinc	(85)	12	75 - 125		

() indicates the % R was compliant.

Parent sample results were flagged with "M".

B28-SS47						
Metals	MS, %R	MSD, %R	Control Limits, %R			
Lead	40	58				
Zinc	(78)	56	75-125			

() indicates the $\ensuremath{\% R}$ was compliant.

Parent sample results were flagged with "M".

Precision

Precision was evaluated using the RPD obtained from the MS/MSD concentrations. Precision was further evaluated by comparing the field duplicate analyte results. Two sets of samples were collected from B28-SS30, B28-SS38, and B28-SS46. The second set of samples from each location was submitted to the laboratory as a field duplicate.

Both MS/MSD RPDs for B2-SS47 were within acceptance criteria.

B28-SS37					
Metals	%RPD	Control Limits, %RPD			
Lead	71				
Zinc	25	20			

"J" flags were applied to both results of the parent sample.

All target metals detected above the RL in both the parent and field duplicate are listed below:

B28-SS30					
Metal	Parent Conc. (mg/kg)	FD Conc. (mg/kg)	RPD	Criteria	
Lead	118	95	22	RPD < 20	
Zinc	31	25	21	$\operatorname{Kr} D \leq 20$	

No corrective action was deemed necessary for both metals since the RPDs were only one and two percent high and a significant effect on data quality was not demonstrated.

B28-SS38					
Metal	Parent Conc. (mg/kg)	FD Conc. (mg/kg)	RPD	Criteria	
Lead 66		58	13	RPD < 20	
Zinc	441	391	12	$\operatorname{Re} D \ge 20$	

B28-SS46					
Metal	Parent Conc. (mg/kg)	FD Conc. (mg/kg)	RPD	Criteria	
Lead	259	91	96	RPD < 20	
Zinc	20	19	5.1	$\operatorname{KI} D \leq 20$	

Only lead results of the parent and FD of this pair were flagged "J" due to the high degree of variability demonstrated by the field duplicate pair.

Since there were three pairs of parent/FD included in this SDG, majority of %RPDs were compliant, it is data validator's professional opinion that it is not necessary to apply "J" to all samples in this SDG.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the CSSA QAPP;
- Comparing actual analytical procedures to those described in the CSSA QAPP;
- Evaluating holding times; and
- Examining laboratory blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the CSSA QAPP. All samples were prepared and analyzed within the holding times required by the method.

- All instrument tune criteria were met.
- All initial calibration criteria were met.
- All calibration verification criteria were met.
- All second source verification criteria were met. The ICV was prepared using a secondary source.
- All interference check criteria were met.
- All internal standard criteria were met.
- Dilution test (DT) was analyzed on sample B28-SS37 and B28-SS47. The DT was applicable for all metals detected in the parent sample at a concentration of

B28-SS37					
Metal	%D	Criteria			
Lead	17	%D < 10			
Zinc	20	/0D <u>-</u> 10			
B28-SS47					
Metal	%D	Criteria			
Lead	48	$\text{\%D} \le 10$			

50 times the MDL or greater. All applicable metals failed to meet criteria in the DT, as follows:

• A post digestion spike (PDS) was analyzed on the same samples as the DT. All metals met criteria in the PDS, as follows:

B28-SS37				
Metal	%R	Criteria		
Lead	84	75_125%		
Zinc	78	75-12570		

B28-SS47					
Metal	%R	Criteria			
Lead	108	75-125%			
Zinc	89	75-12570			

There were three method blanks and several calibration blanks associated with the ICP analyses in this SDG. All blanks were free of any target metals at or above the RL.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All ICP results for the samples in this SDG were considered usable. The completeness for the ICP portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

EXPLOSIVES

General

The explosives portion of this SDG consisted of one (1) soil sample. The sample was collected on December 6, 2010 and were analyzed for the full list of explosives.

The explosives analyses were performed according to the United States Environmental Protection Agency (USEPA) SW846 Method 8330B. This sample was analyzed following the procedures outlined in the SW846 8330B, prepared and analyzed within the holding time required by the method.

The explosives sample was extracted in analytical batch #150030. The sample was analyzed under two initial calibration (ICAL), one for each column.

Accuracy

Accuracy was evaluated using the percent recovery (%R) obtained from the laboratory control spike (LCS) sample and the surrogate spikes.

%Rs of LCS and surrogate were within acceptance criteria.

Precision

Precision could not be evaluated due to the lack of duplicate analyses in this SDG.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the CSSA QAPP;
- Comparing actual analytical procedures to those described in the CSSA QAPP;
- Evaluating holding times; and
- Examining laboratory blank for cross contamination of samples during sample analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the CSSA QAPP. All samples were prepared and analyzed within the holding time required by the method and the Work Plan.

- All initial calibration criteria were met.
- All secondary source verification criteria were met.
- All initial calibration verification (ICV) criteria were met.
- All continuing calibration verification (CCV) criteria were met.
- The MDLs were compliant to the requirements listed in the DoD QSM version 4.1.

There was one method blank involved in the explosives analyses in this SDG. All blank results were compliant.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All explosives results for the sample in this SDG were considered usable. The completeness for the explosives portion of this SDG is 100%, which meets the minimum acceptance criteria of 95%.

Analytical Method: EPA 8330	Preparatory Method: 8330	AAB #: 101209A-150030
Lab Name: APPL, Inc	Contract #: W9126G0	7D00280050
Field Sample ID: B2-BOT12	Lab Sample ID:	AY28290 Matrix: Soil
% Solids: NA	Initial Calibration ID: 101025	;
Date Received: 07-Dec-10	Date Prepared: 09-Dec-10	Date Analyzed: 10-Dec-10
Concentration Units: mg/kg		

Analyte	MDL	RL	Concentratio	n Dilution	Confirm	Qualifier
1,3,5-TNB	0.075	0.25	0.0	75 1		U
1,3-DNB	0.075	0.25	0.0	75 1		U
2,4,6-TNT	0.075	0.25	0.0	75 1		U
2,4-DNT	0.08	0.50	0.	08 1		U
2,6-DNT	0.075	0.26	0.0	75 1		U
HMX	0.08	2.2	0.	08 1		U
m-Nitrotoluene	0.08	0.60	0.	08 1		U
Methyl-2,4,6-trinitrophenylnitramine	0.075	0.65	0.0	75 1		U
Nitrobenzene	0.075	0.26	0.0	75 1		U
o-Nitrotoluene	0.075	0.25	0.0	75 1		U
p-Nitrotoluene	0.08	0.50	0.	08 1		U
RDX	0.08	1.0	0.	08 1		U
Surrogate		Re	covery C	ontrol Limits	G Qualifie	er
Surrogate: 1,2-Dinitrobenzene ((S)		94.7	65-1	35	

Comments:These results are preliminary and represent information available on 12/10/10 atARF: 633745:52pm

Analytical Method: EPA 6010B	Preparatory Method: 3050B	AAB #: 101208A-149959
Lab Name: APPL, Inc	Contract #: W9126G0	07D00280050
Field Sample ID: B2-SS22	Lab Sample ID:	AY28282 Matrix: Soil
% Solids: 78.2	Initial Calibration ID: 101208	3A
Date Received: 07-Dec-10	Date Prepared: 08-Dec-10	Date Analyzed: 08-Dec-10
Concentration Units: mg/kg		

Analyte	MDL	RL	Concentration	Dilution	Qualifier
Lead (Pb)	0.18	10.0	26.42	1	
Zinc (Zn)	0.6	5.0	43.0	1	

Comments:

Analytical Method: EPA 6010B	Preparatory Method: 3050B	AAB #: 101208A-149959
Lab Name: APPL, Inc	Contract #: W9126G0	7D00280050
Field Sample ID: B2-SS24	Lab Sample ID:	AY28283 Matrix: Soil
% Solids: 81.1	Initial Calibration ID: 101208	A
Date Received: 07-Dec-10	Date Prepared: 08-Dec-10	Date Analyzed: 08-Dec-10
Concentration Units: mg/kg		

Analyte	MDL	RL	Concentration	Dilution	Qualifier
Lead (Pb)	0.18	10.0	60.62	1	
Zinc (Zn)	0.6	5.0	115.2	1	

Comments:

Analytical Method: EPA 6010B	Preparatory Method: 3050B	AAB #: 101208A-149959
Lab Name: APPL, Inc	Contract #: W9126G0	7D00280050
Field Sample ID: B2-SS23	Lab Sample ID:	AY28284 Matrix: Soil
% Solids: 75.2	Initial Calibration ID: 101208	A
Date Received: 07-Dec-10	Date Prepared: 08-Dec-10	Date Analyzed: 08-Dec-10
Concentration Units: mg/kg		

Analyte	MDL	RL	Concentration	Dilution	Qualifier
Lead (Pb)	0.18	10.0	35.74	1	
Zinc (Zn)	0.6	5.0	81.3	1	

Comments:

Analytical Method: EPA 6010B	Preparatory Method: 3050B	AAB #: 101208A-149959
Lab Name: APPL, Inc	Contract #: W9126G0	7D00280050
Field Sample ID: B2-SS25	Lab Sample ID:	AY28285 Matrix: Soil
% Solids: 80.0	Initial Calibration ID: 101208	A
Date Received: 07-Dec-10	Date Prepared: 08-Dec-10	Date Analyzed: 08-Dec-10
Concentration Units: mg/kg		

Analyte	MDL	RL	Concentration	Dilution	Qualifier
Lead (Pb)	0.18	10.0	61.35	1	
Zinc (Zn)	0.6	5.0	49.3	1	

Comments:

Analytical Method: EPA 6010B	Preparatory Method: 3050B	AAB #: 101208A-149959
Lab Name: APPL, Inc	Contract #: W9126G0	7D00280050
Field Sample ID: B2-SS26	Lab Sample ID:	AY28286 Matrix: Soil
% Solids: 79.3	Initial Calibration ID: 101208	A
Date Received: 07-Dec-10	Date Prepared: 08-Dec-10	Date Analyzed: 08-Dec-10
Concentration Units: mg/kg		

Analyte	MDL	RL	Concentration	Dilution	Qualifier
Lead (Pb)	0.18	10.0	45.64	1	
Zinc (Zn)	0.6	5.0	40.0	1	

Comments:

Analytical Method: EPA 6010B	Preparatory Method: 3050B	AAB #: 101208A-149959
Lab Name: APPL, Inc	Contract #: W9126G0	7D00280050
Field Sample ID: B2-SS27	Lab Sample ID:	AY28287 Matrix: Soil
% Solids: 76.8	Initial Calibration ID: 101208	A
Date Received: 07-Dec-10	Date Prepared: 08-Dec-10	Date Analyzed: 08-Dec-10
Concentration Units: mg/kg		

Analyte	MDL	RL	Concentration	Dilution	Qualifier
Lead (Pb)	0.18	10.0	75.64	1	
Zinc (Zn)	0.6	5.0	39.0	1	

Comments:

Analytical Method: EPA 6010B	Preparatory Method: 3050B	AAB #: 101208A-149959
Lab Name: APPL, Inc	Contract #: W9126G0	7D00280050
Field Sample ID: B2-SS28	Lab Sample ID:	AY28288 Matrix: Soil
% Solids: 78.6	Initial Calibration ID: 101208	A
Date Received: 07-Dec-10	Date Prepared: 08-Dec-10	Date Analyzed: 08-Dec-10
Concentration Units: mg/kg		

Analyte	MDL	RL	Concentration	Dilution	Qualifier
Lead (Pb)	0.18	10.0	170.23	1	
Zinc (Zn)	0.6	5.0	46.0	1	

Comments:

Analytical Method: EPA 6010B	Preparatory Method: 3050B	AAB #: 101208A-149959
Lab Name: APPL, Inc	Contract #: W9126G0	7D00280050
Field Sample ID: B2-SS29	Lab Sample ID:	AY28289 Matrix: Soil
% Solids: 84.9	Initial Calibration ID: 101208	A
Date Received: 07-Dec-10	Date Prepared: 08-Dec-10	Date Analyzed: 08-Dec-10
Concentration Units: mg/kg		

Analyte	MDL	RL	Concentration	Dilution	Qualifier
Lead (Pb)	0.18	10.0	48.26	1	
Zinc (Zn)	0.6	5.0	36.5	1	

Comments:

Analytical Method: EPA 6010B	Preparatory Method: 3050B	AAB #: 101208A-149959
Lab Name: APPL, Inc	Contract #: W9126G0	7D00280050
Field Sample ID: B2-SS30	Lab Sample ID:	AY28291 Matrix: Soil
% Solids: 83.7	Initial Calibration ID: 101208	A
Date Received: 07-Dec-10	Date Prepared: 08-Dec-10	Date Analyzed: 08-Dec-10
Concentration Units: mg/kg		

Analyte	MDL	RL	Concentration	Dilution	Qualifier
Lead (Pb)	0.18	10.0	118.45	1	
Zinc (Zn)	0.6	5.0	31.0	1	

Comments:

Analytical Method: EPA 6010B	Preparatory Method: 3050B	AAB #: 101208A-149959
Lab Name: APPL, Inc	Contract #: W9126G0	07D00280050
Field Sample ID: B2-SS30 FD	Lab Sample ID:	AY28292 Matrix: Soil
% Solids: 84.1	Initial Calibration ID: 101208	8A
Date Received: 07-Dec-10	Date Prepared: 08-Dec-10	Date Analyzed: 08-Dec-10
Concentration Units: mg/kg		

Analyte	MDL	RL	Concentration	Dilution	Qualifier
Lead (Pb)	0.18	10.0	94.55	1	
Zinc (Zn)	0.6	5.0	24.9	1	

Comments:

Analytical Method: EPA 6010B	Preparatory Method: 3050B	AAB #: 101208A-149959
Lab Name: APPL, Inc	Contract #: W9126G0	7D00280050
Field Sample ID: B2-SS31	Lab Sample ID:	AY28293 Matrix: Soil
% Solids: 84.7	Initial Calibration ID: 101208	A
Date Received: 07-Dec-10	Date Prepared: 08-Dec-10	Date Analyzed: 08-Dec-10
Concentration Units: mg/kg		

Analyte	MDL	RL	Concentration	Dilution	Qualifier
Lead (Pb)	0.18	10.0	77.10	1	
Zinc (Zn)	0.6	5.0	23.6	1	

Comments:

Analytical Method: EPA 6010B	Preparatory Method: 3050B	AAB #: 101208A-149959
Lab Name: APPL, Inc	Contract #: W9126G0	7D00280050
Field Sample ID: B2-SS32	Lab Sample ID:	AY28294 Matrix: Soil
% Solids: 82.3	Initial Calibration ID: 101208	A
Date Received: 07-Dec-10	Date Prepared: 08-Dec-10	Date Analyzed: 08-Dec-10
Concentration Units: mg/kg		

Analyte	MDL	RL	Concentration	Dilution	Qualifier
Lead (Pb)	0.18	10.0	239.98	1	
Zinc (Zn)	0.6	5.0	69.8	1	

Comments:

Analytical Method: EPA 6010B	Preparatory Method: 3050B	AAB #: 101208A-149959
Lab Name: APPL, Inc	Contract #: W9126G0	7D00280050
Field Sample ID: B2-SS33	Lab Sample ID:	AY28295 Matrix: Soil
% Solids: 75.0	Initial Calibration ID: 101208	A
Date Received: 07-Dec-10	Date Prepared: 08-Dec-10	Date Analyzed: 08-Dec-10
Concentration Units: mg/kg		

Analyte	MDL	RL	Concentration	Dilution	Qualifier
Lead (Pb)	0.18	10.0	207.87	1	
Zinc (Zn)	0.6	5.0	40.5	1	

Comments:

Analytical Method: EPA 6010B	Preparatory Method: 3050B	AAB #: 101208A-149959
Lab Name: APPL, Inc	Contract #: W9126G0	7D00280050
Field Sample ID: B2-SS34	Lab Sample ID:	AY28296 Matrix: Soil
% Solids: 83.6	Initial Calibration ID: 101208	A
Date Received: 07-Dec-10	Date Prepared: 08-Dec-10	Date Analyzed: 08-Dec-10
Concentration Units: mg/kg		

Analyte	MDL	RL	Concentration	Dilution	Qualifier
Lead (Pb)	0.18	10.0	26.29	1	
Zinc (Zn)	0.6	5.0	33.5	1	

Comments:

Analytical Method: EPA 6010B	Preparatory Method: 3050B	AAB #: 101208B-149960
Lab Name: APPL, Inc	Contract #: W9126G0	7D00280050
Field Sample ID: B2-SS35	Lab Sample ID:	AY28297 Matrix: Soil
% Solids: 83.0	Initial Calibration ID: 101208	A
Date Received: 07-Dec-10	Date Prepared: 08-Dec-10	Date Analyzed: 08-Dec-10
Concentration Units: mg/kg		

Analyte	MDL	RL	Concentration	Dilution	Qualifier
Lead (Pb)	0.18	10.0	43.71	1	
Zinc (Zn)	0.6	5.0	31.6	1	

Comments:

Analytical Method: EPA 6010B	Preparatory Method: 3050B	AAB #: 101208B-149960
Lab Name: APPL, Inc	Contract #: W9126G0	7D00280050
Field Sample ID: B2-SS36	Lab Sample ID:	AY28298 Matrix: Soil
% Solids: 89.3	Initial Calibration ID: 101208	A
Date Received: 07-Dec-10	Date Prepared: 08-Dec-10	Date Analyzed: 08-Dec-10
Concentration Units: mg/kg		

Analyte	MDL	RL	Concentration	Dilution	Qualifier
Lead (Pb)	0.18	10.0	63.33	1	
Zinc (Zn)	0.6	5.0	68.5	1	

Comments:

Analytical Method: EPA 6010B	Preparatory Method: 3050B	AAB #: 101208A-149959
Lab Name: APPL, Inc	Contract #: W9126G0	7D00280050
Field Sample ID: B2-SS37	Lab Sample ID:	AY28299 Matrix: Soil
% Solids: 89.6	Initial Calibration ID: 101208	A
Date Received: 07-Dec-10	Date Prepared: 08-Dec-10	Date Analyzed: 08-Dec-10
Concentration Units: mg/kg		

Analyte	MDL	RL	Concentration	Dilution	Qualifier
Lead (Pb)	0.18	10.0	18.92	1	М
Zinc (Zn)	0.6	5.0	240.6	1	М

Comments:

Analytical Method: EPA 6010B	Preparatory Method: 3050B	AAB #: 101208B-149960
Lab Name: APPL, Inc	Contract #: W9126G0	7D00280050
Field Sample ID: B2-SS38 FD	Lab Sample ID:	AY28300 Matrix: Soil
% Solids: 84.4	Initial Calibration ID: 101208	A
Date Received: 07-Dec-10	Date Prepared: 08-Dec-10	Date Analyzed: 08-Dec-10
Concentration Units: mg/kg		

Analyte	MDL	RL	Concentration	Dilution	Qualifier
Lead (Pb)	0.18	10.0	58.07	1	
Zinc (Zn)	0.6	5.0	390.9	1	

Comments:

Analytical Method: EPA 6010B	Preparatory Method: 3050B	AAB #: 101208B-149960
Lab Name: APPL, Inc	Contract #: W9126G0	7D00280050
Field Sample ID: B2-SS38	Lab Sample ID:	AY28301 Matrix: Soil
% Solids: 84.0	Initial Calibration ID: 101208	A
Date Received: 07-Dec-10	Date Prepared: 08-Dec-10	Date Analyzed: 08-Dec-10
Concentration Units: mg/kg		

Analyte	MDL	RL	Concentration	Dilution	Qualifier
Lead (Pb)	0.18	10.0	65.75	1	
Zinc (Zn)	0.6	5.0	440.5	1	

Comments:

Analytical Method: EPA 6010B	Preparatory Method: 3050B	AAB #: 101208B-149960
Lab Name: APPL, Inc	Contract #: W9126G0	7D00280050
Field Sample ID: B2-SS39	Lab Sample ID:	AY28302 Matrix: Soil
% Solids: 85.7	Initial Calibration ID: 101208	A
Date Received: 07-Dec-10	Date Prepared: 08-Dec-10	Date Analyzed: 08-Dec-10
Concentration Units: mg/kg		

Analyte	MDL	RL	Concentration	Dilution	Qualifier
Lead (Pb)	0.18	10.0	25.55	1	
Zinc (Zn)	0.6	5.0	60.8	1	

Comments:

Analytical Method: EPA 6010B	Preparatory Method: 3050B	AAB #: 101208B-149960
Lab Name: APPL, Inc	Contract #: W9126G0	7D00280050
Field Sample ID: B2-SS40	Lab Sample ID:	AY28303 Matrix: Soil
% Solids: 84.4	Initial Calibration ID: 101208	A
Date Received: 07-Dec-10	Date Prepared: 08-Dec-10	Date Analyzed: 08-Dec-10
Concentration Units: mg/kg		

Analyte	MDL	RL	Concentration	Dilution	Qualifier
Lead (Pb)	0.18	10.0	29.91	1	
Zinc (Zn)	0.6	5.0	149.6	1	

Comments:

Analytical Method: EPA 6010B	Preparatory Method: 3050B	AAB #: 101208B-149960
Lab Name: APPL, Inc	Contract #: W9126G0	7D00280050
Field Sample ID: B2-SS41	Lab Sample ID:	AY28304 Matrix: Soil
% Solids: 85.3	Initial Calibration ID: 101208	A
Date Received: 07-Dec-10	Date Prepared: 08-Dec-10	Date Analyzed: 08-Dec-10
Concentration Units: mg/kg		

Analyte	MDL	RL	Concentration	Dilution	Qualifier
Lead (Pb)	0.18	10.0	21.76	1	
Zinc (Zn)	0.6	5.0	47.2	1	

Comments:

Analytical Method: EPA 6010B	Preparatory Method: 3050B	AAB #: 101208B-149960
Lab Name: APPL, Inc	Contract #: W9126G0	7D00280050
Field Sample ID: B2-SS42	Lab Sample ID:	AY28305 Matrix: Soil
% Solids: 81.3	Initial Calibration ID: 101208	A
Date Received: 07-Dec-10	Date Prepared: 08-Dec-10	Date Analyzed: 08-Dec-10
Concentration Units: mg/kg		

Analyte	MDL	RL	Concentration	Dilution	Qualifier
Lead (Pb)	0.18	10.0	58.01	1	
Zinc (Zn)	0.6	5.0	26.4	1	

Comments:

Analytical Method: EPA 6010B	Preparatory Method: 3050B	AAB #: 101208B-149960
Lab Name: APPL, Inc	Contract #: W9126G0	7D00280050
Field Sample ID: B2-SS43	Lab Sample ID:	AY28306 Matrix: Soil
% Solids: 84.7	Initial Calibration ID: 101208	A
Date Received: 07-Dec-10	Date Prepared: 08-Dec-10	Date Analyzed: 08-Dec-10
Concentration Units: mg/kg		

Analyte	MDL	RL	Concentration	Dilution	Qualifier
Lead (Pb)	0.18	10.0	29.74	1	
Zinc (Zn)	0.6	5.0	28.0	1	

Comments:

Analytical Method: EPA 6010B	Preparatory Method: 3050B	AAB #: 101208B-149960
Lab Name: APPL, Inc	Contract #: W9126G0	7D00280050
Field Sample ID: B2-SS44	Lab Sample ID:	AY28307 Matrix: Soil
% Solids: 87.8	Initial Calibration ID: 101208	A
Date Received: 07-Dec-10	Date Prepared: 08-Dec-10	Date Analyzed: 08-Dec-10
Concentration Units: mg/kg		

Analyte	MDL	RL	Concentration	Dilution	Qualifier
Lead (Pb)	0.18	10.0	349.32	1	
Zinc (Zn)	0.6	5.0	21.6	1	

Comments:

Analytical Method: EPA 6010B	Preparatory Method: 3050B	AAB #: 101208B-149960			
Lab Name: APPL, Inc	Contract #: W9126G07D00280050				
Field Sample ID: B2-SS45	Lab Sample ID:	AY28308 Matrix: Soil			
% Solids: 89.2	Initial Calibration ID: 101208	A			
Date Received: 07-Dec-10	Date Prepared: 08-Dec-10	Date Analyzed: 08-Dec-10			
Concentration Units: mg/kg					

Analyte	MDL	RL	Concentration	Dilution	Qualifier
Lead (Pb)	0.18	10.0	13.68	1	
Zinc (Zn)	0.6	5.0	20.2	1	

Comments:

Analytical Method: EPA 6010B	Preparatory Method: 3050B	AAB #: 101208B-149960		
Lab Name: APPL, Inc	Contract #: W9126G07D00280050			
Field Sample ID: B2-SS46 FD	Lab Sample ID:	AY28309 Matrix: Soil		
% Solids: 90.2	Initial Calibration ID: 101208	A		
Date Received: 07-Dec-10	Date Prepared: 08-Dec-10	Date Analyzed: 08-Dec-10		
Concentration Units: mg/kg				

Analyte	MDL	RL	Concentration	Dilution	Qualifier
Lead (Pb)	0.18	10.0	104.39	1	
Zinc (Zn)	0.6	5.0	19.1	1	

Comments:

Analytical Method: EPA 6010B	Preparatory Method: 3050B	AAB #: 101208B-149960			
Lab Name: APPL, Inc	Contract #: W9126G07D00280050				
Field Sample ID: B2-SS46	Lab Sample ID:	AY28310 Matrix: Soil			
% Solids: 90.1	Initial Calibration ID: 101208	A			
Date Received: 07-Dec-10	Date Prepared: 08-Dec-10	Date Analyzed: 08-Dec-10			
Concentration Units: mg/kg					

Analyte	MDL	RL	Concentration	Dilution	Qualifier
Lead (Pb)	0.18	10.0	838.40	1	
Zinc (Zn)	0.6	5.0	19.8	1	

Comments:

Analytical Method: EPA 6010B	Preparatory Method: 3050B	AAB #: 101208B-149960		
Lab Name: APPL, Inc	Contract #: W9126G07D00280050			
Field Sample ID: B2-SS47	Lab Sample ID:	AY28311 Matrix: Soil		
% Solids: 92.6	Initial Calibration ID: 101208	A		
Date Received: 07-Dec-10	Date Prepared: 08-Dec-10	Date Analyzed: 08-Dec-10		
Concentration Units: mg/kg				

Analyte	MDL	RL	Concentration	Dilution	Qualifier
Lead (Pb)	0.18	10.0	28.01	1	М
Zinc (Zn)	0.6	5.0	22.0	1	М

Comments:
Appendix 12 Waste Characterization and Disposition Documentation

Appendix 12 includes disposal manifests for waste resulting from the 2003, 2004, and 2008 excavations at SWMU B-2.



NON-HAZARDOUS MANIFEST					
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	, US Army I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: ES SWMU B-2 SAME SAME	kempt	
Description of V	Vaste Materials	Approval Number	Quantity	Units	
Soil from SW	MU B-2	CG-25591, C-7	18	СУ	

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murphy		Bik. no	12/17/03		
Generator Authorized Agent N	Name (Print)	Signature	Delivery Date		
		[/			
,	TR				
TRANSPORTER NAME: ADDRESS: 11250 S H CITY/STATE: San Anto	Felix Maldanado Trucking Hwy 16 nio, TX 78224	DRIVER NAME(Print): TRUCK NUMBER: PHONE #: 210-6	<u>Roberto Q MANTINEZ</u> #319		
I hereby acknowledge receipt to the disposal facility listed be	of the above described ma elow without incident.	terials were received from the g	enerator listed above and delivered		
Driver Signature	Shipment Date	Driver Signature	Delivery Date		
	DISPO	SAL FACILITY			
SITE NAME: Covel Gar ADDRESS: 8611 Cove	dens Landfill I Road, San Antonio TX 78	PHONE NUMBE FACILITY I.D. #	R: 210-623-8800 H2093		
I hereby acknowledge receipt of the above described materials. <u>Jennis</u> <u>Gentels</u> Name of Authorized Agent (Print) <u>Signature</u> <u>Receipt Date</u>					
Dr-Drum C-Carton	B-Bag P-Pound	ds CY-Cubic Yards	GL-Gallons		

White - Original

Blue - Disposer Retain (Audit)

Canary - Disposer Retain

Pink - Transporter Retain



Covel Gardens Landfill 505 8611 Covel Road San Antonio TX 78252 PO € 210-623-8800 / 210-623-6791 Fax

WASTE MANAGEMENT, INC.

65349

NON-HAZARDOUS MANIFEST Camp Stanley Storage Activity, US Army I.D. #: 69026 TNRCC WC#: Exempt GENERATOR: 25800 Ralph Fair Road SWMU B-2 ADDRESS: SITE LOCATION: Boerne, TX 78015 CITY/ST: SAME 210-698-5208 PHONE: SAME CITY/ST: Attn: Brian K Murphy PHONE: **Description of Waste Materials Approval Number** Quantity Units Soil from SWMU B-2 CG-25591, C-7 СУ

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to apple cable regulations.

Brian K Murphy	In K. I Jallon	2
Generator Authorized Agent Name (Print)	Signature Delivery Date	Ĵ e
· · · · · · · · · · · · · · · · · · ·		
TRANSP	ORTER	
TRANSPORTER NAME: Felix Maldanado Trucking ADDRESS: 11250 S Hwy 16	DRIVER NAME(Print): Do NATO A. WAYVE TRUCK NUMBER: 30 3	5
CITY/STATE: San Antonio, 1X 78224	PHONE #: 210-628-1605	
I hereby acknowledge receipt of the above described materials to the disposal facility listed below without incident.	s were received from the generator listed above and delivere	d
JANAAN , AUgno 5 13/17/03	Millit A. Magues 12/17/0	ź
Driver Signature Shipment Date	Driver Signature Delivery Date	e
Diopood		_
DISPOSAL	FACILITY	
SITE NAME:Covel Gardens LandfillADDRESS:8611 Covel Road, San Antonio TX 78252	PHONE NUMBER: 210-623-8800 FACILITY I.D. #: H2093	
I hereby acknowledge receipt of the above described material <u>LANIS</u> Name of Authorized Agent (Print)	signature Celus K. 17, C	ß
	Wing Starts	

Dr-Drum	C-Carton	B-Bag	P-Pounds	CY-Cu	ubic Yards	GL-Gallon	s
White - Original	Blue - Dispos	ser Retain (Audit)	Canary - Disposer	Retain	Pink - Transporter	Retain	Gold - Generator Retain



 Covel Gardens Landfill
 Jol #

 8611 Covel Road
 San Antonio TX 78252
 Po #

 210-623-8800 / 210-623-6791 Fax

White - Original

Blue - Disposer Retain (Audit)

WASTE MANAGEMENT, INC.

65350

			NON-HAZARDOU	S MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp S 25800 Boerne, 210-690 Attn: B	tanley Storage A Ralph Fair Road TX 78015 3-5208 rian K Murphy	ctivity, US Army	I.D. #: 69026 SITE LOCATION CITY/ST: PHONE:	TNRCC WC SWMU B-2 SAME SAME	#: Exempt 2
Description of W	aste Mate	erials	Approva	al Number	Quantity	Units
Soil from SWMU B-2		<i>CG</i> -255	591, <i>C</i> -7	18	Су	
I hereby certify the contain free liquid classified and pace Brian K Murph Generator Author	at the abo s as define kaged, an y ized Agent	ve described mate of by 40 CFR Par d are in proper co	erials are not haza t 260.10 or any ap pondition for transpo	rdous wastes as d blicable state law. I brtation according t But K. Signature	efined by 40 CFF Have been fully a o applicable regu	R Part 261 and does not nd accurately described, lations.
			TRANSPO		/	
TRANSPORTER ADDRESS: CITY/STATE: I hereby acknowle to the disposal fac Driver Signature	NAME: 11250 S San Ant edge receip sility listed	Felix Maldanad Hwy 16 onio, TX 78224 It of the above de below without inc	o Trucking scribed materials v ident. 7 Josephi Date DISPOSAL F	DRIVER NAME(F TRUCK NUMBEF PHONE #: vere received from Driver Signature ACILITY	Print):	ted above and delivered
SITE NAME: ADDRESS:	Covel Go 8611 Co	rdens Landfill vel Road, San An	tonio TX 78252	PHONE N FACILITY	UMBER: 210 I.D. #: H2	-623-8800 093
I hereby acknowle	edge receij <u>L S</u> ed Agent (Print)	escribed materials.		não B	Receipt Date
Dr-Drum C	Carton	B-Bag	P-Pounds	CV-Cubic Var	de GL-Call	ne

Canary - Disposer Retain

Pink - Transporter Retain



65351

501# 04310270 Po # 8008635 Covel Gardens Landfill 8611 Covel Road San Antonio TX 78252 210-623-8800 / 210-623-6791 Fax

WASTE MANAGEMENT, INC.

NON-HAZARDOUS MANIFEST					
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Acti 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	ivity, US Army I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE	TNRCC WC#: Ex SWMU B-2 SAME SAME	sempt	
Description of V	Vaste Materials	Approval Number	Quantity	Units	
Soil from SW	MU B-2	CG-25591, C-7	18	Сү	

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Mu	rphy			Brik.M	בערעבו
Generator Aut	horized Agent	Name (Print)		Signature	Delivery Date
			TRANSPO	RTER	
TRANSPORTE ADDRESS: CITY/STATE:	ER NAME: 11250 S San Ant	Felix Maldan Hwy 16 onio, TX 7822	ado Trucking 4	DRIVER NAME(Print): TRUCK NUMBER: PHONE #: 210-62	<u>28-1605</u>
I hereby ackno to the disposal Driver Signatur	re	ot of the above of below without in Ship	described materials v ncident. $\frac{7}{53}$ ment Date	vere received from the ge	enerator listed above and delivered
	· · · · · · · · · · · · · · · · · · ·		DISPOSAL F	ACILITY	
SITE NAME: ADDRESS:	Covel Ga 8611 Cov	rdens Landfill vel Road, San A	ntonio TX 78252	PHONE NUMBEI FACILITY I.D. #:	R: 210-623-8800 H2093
hereby ackno Name of Autho	wledge receip	ot of the above HULL Print)	described materials.	Signature	I 2, 17, Receipt Date
Dr-Drum	C-Carton	B-Bag	P-Pounds	CY-Cubic Yards	GL-Gallons
White - Original	Blue - Dispos	ser Retain (Audit)	Canary - Disposer	Retain Pink - Transporte	er Retain Gold - Generator Retain

Pink - Transporter Retain



65352

Covel Gardens Landfill Jos # 0431 0220 8611 Covel Road San Antonio TX 78252 Po # 800 8635 210-623-8800 / 210-623-6791 Fax

White - Original

Blue - Disposer Retain (Audit)

WASTE MANAGEMENT, INC.

	NC	ON-HAZARDOU	S MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE: according	Camp Stanley Storage Act 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208	ivity, US Army	I.D. #: 69026 SITE LOCATION CITY/ST:	TNRCC WC#: Ex I: SWMU B-2 SAME SAME	empt
Description of We	Attn: Brian K Murphy	A	PHONE:	0	
Description of wa		Approva		Quantity	Units
Soil from SWM	U B-2	CG-255	591, C-7	18	СУ
I hereby certify that contain free liquids classified and pack Brian K Murphy Generator Authoriz	t the above described materia as defined by 40 CFR Part 2 aged, and are in proper cond ed Agent Name (Print)	als are not haza 60.10 or any ap dition for transpo	rdous wastes as d olicable state law. ortation according t <i>Brint</i> Signature	lefined by 40 CFR Part Have been fully and act to applicable regulations	261 and does not curately described, s. <u>/2 / / / 63</u> Delivery Date
	·	TRANSPO	RTER U		
TRANSPORTER N ADDRESS: CITY/STATE:	AME: Felix Maldanado 11250 S Hwy 16 San Antonio, TX 78224	Trucking	DRIVER NAME(F TRUCK NUMBEF PHONE #:	Print): <u>Kicard</u> R: <u>315</u> 210-628-1605	o Barron
I hereby acknowled to the disposal facil	ge receipt of the above desc ity listed below without incide	ribed materials v ent.	vere received from	the generator listed at	ove and delivered
Driver Signature	<u>ano 12/17</u> Shipmeni	/_ <i>03</i> t Date	Attends Driver Signature	Bann	Delivery Date
					-
		DISPOSAL F	ACILITY		
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Antor	nio TX 78252	PHONE N FACILITY	IUMBER: 210-623- I.D. #: H2093	3800
I hereby acknowled	lge receipt of the above desc S Courtes d Agent (Print)	cribed materials.	Danne Signature	Glif-	Receipt Date
Dr-Drum C-(Carton B-Bag	P-Pounds	CY-Cubic Yar	rds GL-Gallons	

Canary - Disposer Retain

Pink - Transporter Retain



8611 Covel Road San Antonio TX 78252 210-623-8800 / 210-623-6791 Fax WASTE MANAGEMENT, INC.

65353

NON-HAZARDOUS MANIFEST					
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity, 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	, US Army I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exempt SWMU B-2 SAME SAME		
Description of V	/aste Materials	Approval Number	Quantity	Units	
Soil from SW	MU B-2	CG-25591, C-7	18	Су	

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murph	У		Brik.7	nf	1211103			
Generator Authori	ized Agent Name	(Print)	Signature	//	Delivery Date			
			C					
	TRANSPORTER							
TRANSPORTER ADDRESS:	NAME: Felix 11250 S Hwy 10	Maldanado Trucking 5	DRIVER NAME(Prin TRUCK NUMBER:	t): <u>3</u> W	annel Mayes			
CITY/STATE:	San Antonio, T	X 78224	PHONE #: 21	0-628-1605				
I hereby acknowle to the disposal fac Univer Signature	idge receipt of the cility listed below w	above described materials vithout incident. 	were received from th	e generator listed	above and delivered			
		DISPOSAL	FACILITY					
SITE NAME: ADDRESS:	Covel Gardens 8611 Covel Roa	Landfill d, San Antonio TX 78252) PHONE NUM FACILITY I.D	ABER: 210-62).#: H209	23-8800			
I hereby acknowle	edge receipt of the رژ ۲ (ed Agent (Print)	above described material	s. <u>Mannis</u> Signature	Gehe	Receipt Date			
Dr-Drum C-	-Carton B-E	Bag P-Pounds	CY-Cubic Yards	GL-Gallons	5			
White - Original	Blue - Disposer Reta	in (Audit) Canary - Dispos	er Retain Pink - Tran	sporter Retain	Gold - Generator Retain			

Joff 04310270 Poff 8008635

 Covel Gardens Landfill
 Jost

 8611 Covel Road
 San Antonio TX 78252
 PO #

 210-623-8800 / 210-623-6791 Fax
 PO #

6

65354

WASTE MANAGEMENT, INC.

NON-HAZARDOUS MANIFEST					
GENERATOR: ADDRESS: CITY/ST:	Camp Stanley Storage Activity, US A 25800 Ralph Fair Road Boerne TX 78015	rmy I.D. #: 69026 SITE LOCATION:	TNRCC WC#: Exempt SWMU B-2		
PHONE:	210-698-5208 Attn: Brian K Murphy	CITY/ST: PHONE:	SAME		
Description of V	Vaste Materials App	roval Number	Quantity	Units	
Soil from SWMU B-2		-25591, <i>C</i> -7	18	СУ	
			<u></u>		

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murphy	Bik. The	12,17,03
Generator Authorized Agent Name (Print)	Signature	Delivery Date
TRANSPO	RTER	
TRANSPORTER NAME: Felix Maldanado Trucking ADDRESS: 11250 S Hwy 16	DRIVER NAME(Print):	nZuchtscht
CITY/STATE: San Antonio, 1X /8224	PHONE #: 210-628-1605	
I hereby acknowledge receipt of the above described materials were to the disposal facility listed below without incident.	were received from the generator liste	d above and delivered
Driver Signature	felle gully	121171ar Daliman Data
	Driver Signature	Delivery Date
DISPOSAL F	ACILITY	
SITE NAME:Covel Gardens LandfillADDRESS:8611 Covel Road, San Antonio TX 78252	PHONE NUMBER: 210-6 FACILITY I.D. #: H209	23-8800 93
I hereby acknowledge receipt of the above described materials.	Dennis Cell Signature	<u>5 12, (7, D3</u> Receipt Date
	<u> </u>	

Dr-Drum	C-Carton	B-Bag	P-Pounds	CY-Cubic Ya	rds GL-Gal	lons
White - Original	Blue - Dispos	er Retain (Audit)	Canary - Disposer	Retain Pink - 1	ransporter Retain	Gold - Generator Retain





Covel Gardens Landfill 8611 Covel Road San Antonio TX 78252 210-623-8800 / 210-623-6791 Fax

WASTE MANAGEMENT, INC.

NON-HAZARDOUS MANIFEST						
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity, US Ar 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	my I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exem SWMU B-2 SAME SAME	pt .		
Description of Waste Materials		roval Number	Quantity	Units		
Soil from SW	MUB-2 CG-	25591, C-7	-18	СУ		

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murphy	· · ·	Brik. n.f	12/17/03
Generator Authorized Age	ent Name (Print)	Signature	Delivery Date
•		· //	
· · · · · · · · · · · · · · · · · · ·	TRANSP	ORTER //	
TRANSPORTER NAME: ADDRESS: 11250 CITY/STATE: San	Felix Maldanado Trucking DS Hwy 16 Antonio, TX 78224	DRIVER NAME(Print):	<u>Solatupe VillarrenC</u>
I hereby acknowledge rec to the disposal facility liste	eipt of the above described materials	were received from the genera	ator listed above and delivered
Driver Signature	Shipment Date	Driver Signature	Delivery Date
	DISPOSAL	FACILITY	
SITE NAME: Covel ADDRESS: 8611	Gardens Landfill Covel Road, San Antonio TX 78252	PHONE NUMBER: FACILITY I.D. #:	210-623-8800 H2093
I hereby acknowledge rec	ceipt of the above described material	ls. Denna Signature	12, 17, 03 Receipt Date
	P. Pag D. Doundo	CV Cubio Vordo Gl	Gallong

Dr-Drum	C-Carton	B-Bag	P-Pounds	CY-Cubic Y	/ards	GL-Gallon	s	
White - Original	Blue - Dispos	ser Retain (Audit)	Canary - Disposer	Retain Pink	- Transporter	Retain	Gold -	Generator Retain

White - Original



65356

Covel Gardens Landfill	Jolf 0431 0270				
8611 Covel Road					
San Antonio TX 78252	Po# 8008635				
210-623-8800 / 210-623-6791 Fax					



WASTE MANAGEMENT, INC.

	NON-HAZARDOL	JS MANIFEST	· · · ·	
GENERATOR:	Camp Stanley Storage Activity, US Army	I.D. #: 69026	TNRCC WC#: Ex	(empt
ADDRESS:	25800 Ralph Fair Road	SITE LOCATION:	SWMU B-2	•
CITY/ST:	Boerne, TX 78015		SAME	
PHONE:	210-698-5208	CITY/ST:	SAME	
Description of W	ATTN: Brian K Murphy Aste Materials Approv	PHONE:	Quantity	L Insite
			Guantity	Units
Soil from SWA	MU B-2 CG-25	591 <i>, C-</i> 7	10	СУ
I hereby certify the contain free liquids classified and pac Brian K Murphy	at the above described materials are not haza s as defined by 40 CFR Part 260.10 or any ap kaged, and are in proper condition for transpo v	ardous wastes as defin plicable state law. Hav prtation according to a Buik. Vi	ned by 40 CFR Part re been fully and acc pplicable regulations	261 and does not curately described, s.
Generator Authori	zed Agent Name (Print)	Signature	1	Delivery Date
(TRANSPO	RTER		0
TRANSPORTER 1 ADDRESS: CITY/STATE:	NAME: Felix Maldanado Trucking 11250 S Hwy 16 San Antonio, TX 78224	DRIVER NAME(Print TRUCK NUMBER: PHONE #: 210	1): <u>Henr</u> 1-628-1605	y Mor
hereby acknowled	dge receipt of the above described materials without incident.	were received from the	generator listed ab	ove and delivered
Driver Signature	Shipment Date	Driver Signature	Renny is	Delivery Date
	DISPOSAL F	ACILITY		
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Antonio TX 78252	PHONE NUM FACILITY I.D.	BER: 210-623-6 #: H2093	3800
hereby acknowled	dge receipt of the above described materials.	Signature	lle	12/(7/03 Receipt Date
Dr-Drum C-	Carton B-Bag P-Pounds	CY-Cubic Yards	GL-Gallons	-
hite - Original B	Blue - Disposer Retain (Audit) Canary - Disposer	Retain Pink - Trans	porter Retain Gold	- Generator Retain

Jot# 04310270 Po# 8008635

65357

WASTE MANAGEMENT, INC.

NON-HAZARDOUS MANIFEST						
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity, US Ari 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	Activity, US Army I.D. #: 69026 SITE LOCATION: CITY/ST:		empt		
Description of V	Vaste Materials Appr	oval Number	Quantity	Units		
Soil from SW	MU B-2 CG-1	CG-25591, C-7		Су		

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murphy	Bunk. The	12,17,03
Generator Authorized Agent Name (Print)	Signature	Delivery Date
TRANSF	PORTER	
TRANSPORTER NAME. Felix Maldanado Trucking	DBIVER NAME(Print).	Towell Bell
ADDRESS: 11250 S Hwy 16		3 lolo #
CITY/STATE: San Antonio, TX 78224	PHONE #: 210-628-160)5
I hereby acknowledge receipt of the above described material	s were received from the generate	or listed above and delivered
to the disposal facility listed below without incident.		
[iPmill Seef 12,17,03	(Remore Beef	12,17,03
Driver Signature Shipment Date	Driver Signature	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, _,, _
V	\mathcal{O}	· · · · , - · · ·
DISPOSAL	FACILITY	
Coupl Candona Landfill		• .
SITE NAME: Cover Gardens Lanat III	PHONE NUMBER:	210-623-8800
ADDRESS: 0011 Cover Road, San Antonio 1X 78232	FACILITY I.D. #:	H2093
I hereby acknowledge receipt of the above described materia		
		0
Vennis Genres	N. Lock	12,17,03
Name of Authorized Agent (Print)	Signature	Receipt Date
Dr-Drum C-Carton B-Bag P-Pounds	CY-Cubic Yards GL-0	Gallons

	-Carton	в-вад	P-Pounds	CY-C	Cubic Yards	GL-Gallon	IS
White - Original	Blue - Dispos	ser Retain (Audit)	Canary - Dispo	ser Retain	Pink - Transporte	r Betain	Gold - Generator Betain





Jos# 8008635 Covel Gardens Landfill 8611 Covel Road San Antonio TX 78252 210-623-8800 / 210-623-6791 Fax



		NON-HAZARDOU	IS MANIFEST	······································	
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	Activity, US Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Ex SWMU B-2 SAME SAME	empt
Description of W	aste Materials	Approv	al Number	Quantity	Units
Soil from SW	MU B-2	CG-25	591, <i>C</i> -7	18	СУ
I hereby certify th contain free liquid classified and pac	at the above described ma s as defined by 40 CFR Pa kaged, and are in proper	aterials are not haza art 260.10 or any ap condition for transpo	rdous wastes as defin plicable state law. Hav prtation according to a	ed by 40 CFR Part to been fully and acc pplicable regulations	261 and does not curately described, s.
Brian K Murph	у		mig. h		1217103
Generator Author	ized Agent Name (Print)		Signature		Delivery Date
		TRANSPO	RTER		
TRANSPORTER ADDRESS: CITY/STATE:	NAME: Felix Maldana 11250 S Hwy 16 San Antonio, TX 78224	ido Trucking ł	DRIVER NAME(Print TRUCK NUMBER: PHONE #: 210	1): <u>David</u> -628-1605	AYALA
I hereby acknowle to the disposal fac Date of the disposal fac Driver Signature	edge receipt of the above of cility listed below without in Mala 12 / Shipr	lescribed materials v ncident. <u>/フ ィクラ</u> ment Date	were received from the	e generator listed at My ak	Delivery Date
		DISPOSAL F	ACILITY		
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San A	ntonio TX 78252	PHONE NUM FACILITY I.D.	BER: 210-623-4 .#: H2093	3800
I hereby acknowle	edge receipt of the above	described materials.	Signature	Caches	
Dr-Drum C	-Carton B-Bag	P-Pounds	CY-Cubic Yards	GL-Gallons	

Canary - Disposer Retain





Covel Gardens Landfill Jos # 0431 0270 8611 Covel Road San Antonio TX 78252 Po # 800 8635 210-623-8800 / 210-623-6791 Fax



WASTE MANAGEMENT, INC.

	NON-H	IAZARDOUS MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	r, US Army I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Ex SWMU B-2 SAME SAME	empt
Description o	Waste Materials	Approval Number	Quantity	Units
Soil from S	WMU B-2	CG-25591, C-7		СУ
l hereby certify contain free liq classified and j Brian K Mur	that the above described materials a uids as defined by 40 CFR Part 260.19 backaged, and are in proper condition	re not hazardous wastes as defined or any applicable state law. Hat for transportation according to a \mathcal{R}	ned by 40 CFR Part ve been fully and acc applicable regulations	261 and does n curately describe s. ノスパン、
Generator Auth	orized Agent Name (Print)	Signature	1	Delivery Dat
		TRANSPORTER	/	
TRANSPORTE ADDRESS: CITY/STATE: hereby ackno to the disposal Driver Signatur	R NAME: Felix Maldanado Truc 11250 S Hwy 16 San Antonio, TX 78224 wledge receipt of the above described facility listed below without incident. Participation of the above described facility listed below without incident. Participation of the above described facility listed below	king DRIVER NAME(Prir TRUCK NUMBER: PHONE #: 21 materials were received from th The Driver Signature	nt): Poberto 315 0-628-1605 ne generator listed ab	WANTING
	DI	SPOSAL FACILITY	·	
	Covel Gardens Landfill		ADED 210-623-	8800
SITE NAME: ADDRESS:	8611 Covel Road, San Antonio T	TX 78252 PHONE NUT FACILITY I.	D. #: H2093	
SITE NAME: ADDRESS: hereby ackno Address Name of Autho	8611 Covel Road, San Antonio T wledge receipt of the above describe MAS Courses rized Agent (Print)	d materials.	$\sum_{i=1}^{\text{MBER:}} H2093$	<u>ک / ک / ۲ / ۵</u> Receipt Date





Covel Gardens Landfill Jos # 043/0270 8611 Covel Road San Antonio TX 78252 Po # 8008635 210-623-8800 / 210-623-6791 Fax

White - Original

Blue - Disposer Retain (Audit)



WASTE MANAGEMENT, INC.

		NON-HAZARDOU	IS MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storag 25800 Ralph Fair Rod Boerne, TX 78015 210–698–5208 Attn: Brian K Murphy	e Activity, US Army ad	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Ex SWMU B-2 SAME SAME	empt
Description of W	aste Materials	Approv	al Number	Quantity	Units
Soil from SWI	MU B-2	<i>CG</i> -25	591, <i>C</i> -7	18	СУ
I hereby certify tha contain free liquids classified and pac	at the above described r s as defined by 40 CFR kaged, and are in prope	naterials are not haza Part 260.10 or any ap r condition for transpo	rdous wastes as define plicable state law. Have prtation according to ap	d by 40 CFR Part been fully and acc plicable regulations	261 and does not curately described, s.
Brian K Murphy	Y		Mr. K. M	1	12/17/03
Generator Authori	zed Agent Name (Print)		Signature	T	Delivery Date
		TRANSPO	RTER		
TRANSPORTER I ADDRESS: CITY/STATE:	NAME: Felix Malda 11250 S Hwy 16 San Antonio, TX 7822	nado Trucking 24	DRIVER NAME(Print): TRUCK NUMBER: PHONE #: 210-0	<u>Dawala</u> <u>222</u> 528-1605	A. HAYNES
I hereby acknowled to the disposal fac	dge receipt of the above ility listed below without	described materials v incident.	vere received from the	generator listed ab	ove and delivered
Drugla	Lan 13	115115	Duckst	king :	15 115186
Driver Signature	Shi	pment Date	Driver Signature	-9-08	Delivery Date
		DISPOSAL F	ACILITY		
SITE NAME: ADDRESS:	Covel Gardens Landfi 8611 Covel Road, San	ll Antonio TX 78252	Phone Numb Facility I.D. ;	ER: 210-623-6 #: H2093	3800
I hereby acknowled	dge receipt of the above d Agent (Print)	e described materials.	D. Geli Signature	J	<u> 2_, 7,</u> 03 Receipt Date
Dr-Drum C-	Carton B-Bag	P-Pounds	CY-Cubic Yards	GL-Gallons	

Canary - Disposer Retain

Pink - Transporter Retain



co.



65361

NON-HAZARDOUS MANIFEST						
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activit 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	y, US Army I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exempt SWMU B-2 SAME SAME	•		
Description of W	/aste Materials	Approval Number	Quantity	Units		
Soil from SW	MU B-2	CG-25591, C-7	18	CY		

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murphy		Bik-n		1217103
Generator Authorized Agent Name (Print)	Sig	nature		Delivery Date
	TRANSPORTER			
TRANSPORTER NAME: Felix Maldanado T	rucking DRIV	/ER NAME(Print):	SOE!	(
ADDRESS: 11250 S Hwy 16	TRU	CK NUMBÈR:	303	
CITY/STATE: San Antonio, TX 78224	PHO	NE #: 210-628	-1605	
I hereby acknowledge receipt of the above descrit to the disposal facility listed below without incider Driver Signature Shipment	bed materials were rent.	eceived from the gen	erator listed abov	ve and delivered
	DISPOSAL FACILIT	ГҮ		
SITE NAME: Covel Gardens Landfill ADDRESS: 8611 Covel Road, San Antoni	o TX 78252	PHONE NUMBER: FACILITY I.D. #:	210-623-88 H2093	800
I hereby acknowledge receipt of the above descr Vennis Oenne Name of Authorized Agent (Print)	ibed materials.	Dum	ale	<u>/ 2, 17, 03</u> Receipt Date
Dr-Drum C-Carton B-Bag F	P-Pounds C	Y-Cubic Yards	GL-Gallons	
White - Original Blue - Disposer Retain (Audit) C	anary - Disposer Retain	Pink - Transporter	Betain Gold -	Generator Betain





Gold - Generator Retain

Ļ

Pink - Transporter Retain

Covel Gardens Landfill Josh 04310270 8611 Covel Road San Antonio TX 78252 po # 8008635 210-623-8800 / 210-623-6791 Fax

White - Original

Blue - Disposer Retain (Audit)

WASTE MANAGEMENT, INC.

		diation of the second	NON-HAZARDOU	S MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Sto 25800 Ro Boerne, 210-698- Attn: Bri	anley Storage alph Fair Roac TX 78015 5208 an K Murphy	Activity, US Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: E SWMU/B-2 SAME SAME	xempt
Description of V	Naste Mater	ials	Approva	al Number	Quantity	Units
Soil from SW	MU B-2		CG-255	91, C-7	18	СУ
I hereby certify the contain free liquic classified and particular Brian K Murph Generator Author	nat the above ds as defined ckaged, and 1y rized Agent I	e described m by 40 CFR P are in proper	aterials are not haza art 260.10 or any app condition for transpo	rdous wastes as definition plicable state law. Have rtation according to a <u>Burk</u> Signature	ned by 40 CFR Par ve been fully and ac applicable regulation	t 261 and does not courately described, ns.
	-			-	\mathcal{O}	
			TRANSPO	RTER		
TRANSPORTER ADDRESS: CITY/STATE: I hereby acknowled to the dippesal far Driver Signature	NAME: 11250 S H San Anto edge receipt cility listed b	Felix Maldand Iwy 16 nio, TX 7822 of the above of fow without in Ship	ado Trucking 4 described materials w ncident. / ment Date	DRIVER NAME(Prin TRUCK NUMBER: PHONE #: 210 vere received from th Driver-Signature	nt): <u>Maun</u> D-628-1605 egenerator listed a	bove and delivered
,			DISPOSAL FA	ACILITY		
SITE NAME: ADDRESS: I hereby acknowl	Covel Gar 8611 Cove edge receipt	dens Landfill el Road, San A of the above	ntonio TX 78252 described materials.		ABER: 210-623 D. #: H2093	-8800
Name of Authoriz	Zed Agent (P	rint)	rek	Signature	b (Jell	Receipt Date
Dr-Drum C	C-Carton	B-Bag	P-Pounds	CY-Cubic Yards	GL-Gallons	

Canary - Disposer Retain





Jos#04310270

Covel Gardens Landfill 8611 Covel Road San Antonio TX 78252 Po # 8008635 210-623-8800 / 210-623-6791 Fax

¢'*



WASTE MANAGEMENT, INC.

		NON-HAZARDO	US MANIFEST	······································	
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley S ⁻ 25800 Ralph Fai Boerne, TX 780 210-698-5208 Attn: Brian K Mi	torage Activity, US Arm ir Road 15 urphy	y I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: E: SWMU B-2 SAME SAME	xempt
Description of Wa	aste Materials	Appro	val Number	Quantity	Units
 Soil from SWN 	NU B-2	CG-2	5591, C-7	_18	СУ
I hereby certify tha contain free liquids classified and pack	t the above descri as defined by 40 (kaged, and are in p	bed materials are not haz CFR Part 260.10 or any a proper condition for transp	ardous wastes as defin pplicable state law. Hav portation according to a	ed by 40 CFR Par ve been fully and ac pplicable regulation	t 261 and does not curately described, ns.
Brian K Murphy	/		Duk. 1	ht	121703
Generator Authoriz	zed Agent Name (i	Print)	Signature		Delivery Date
		TRANSP	ORTER	A	
TRANSPORTER N ADDRESS: CITY/STATE:	_{IAME:} Felix N 11250 S Hwy 16 San Antonio, TX	Aaldanado Trucking 78224	DRIVER NAME(Prin TRUCK NUMBER: PHONE #: 210	t): <u>Lican</u> <u>-628-1605</u>	b Barron
I hereby acknowled to the disposal fac	dge receipt of the a ility listed below wi	above described materials thout incident.	were received from the	e generator listed a	bove and delivered
Hickory	Banna	12/17/03	Hernet	Dana	12 117 103
Driver Signature		Shipment Date	Driver Signature		Delivery Date
		DISPOSAL	FACILITY	· · · · · · · · · · · · · · · · · · ·	
SITE NAME: ADDRESS:	Covel Gardens L 8611 Covel Road,	andfill , San Antonio TX 78252	PHONE NUM FACILITY I.D	IBER: 210-623 #: H2093	-8800
I hereby acknowled	dge receipt of the	above described material	s. <u>J. Go</u> Signature	hes	2,17,8 Receipt Date
Dr-Drum C-	Carton B-Ba	ag P-Pounds	CY-Cubic Yards	GL-Gallons	

Canary - Disposer Retain



65364

Covel Gardens Landfill JaS # 04310270 8611 Covel Road San Antonio TX 78252 *po # 8008635* 210-623-8800 / 210-623-6791 Fax

Blue - Disposer Retain (Audit)

White - Original



WASTE MANAGEMENT, INC.

NON-HAZARDOUS MANIFEST						
GENERATOR:	Camp Stanley Storage Act 25800 Ralph Fair Poad	tivity, US Army I.D. #: 69026	TNRCC WC#: Exempt	-		
CITY/ST:	Boerne, TX 78015	SITE ECCATION.	SAME			
PHONE:	210-698-5208 Attn: Brian K Murphy	PHONE:	SAME			
Description of Waste Materials		Approval Number	Quantity	Units		
Soil from SW	MU B-2	CG-25591, C-7	_18	Сү		

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murphy	Bik. The 12 17/03
Generator Authorized Agent Name (Print)	Signature // Delivery Date
Acro Hanger	\mathcal{O}
TRA	NSPORTER
TRANSPORTER NAME: Felix Maldanado Trucking ADDRESS: 11250 S Hwy 16 CITY/STATE: San Antonio, TX 78224	DRIVER NAME(Print): TRUCK NUMBER: PHONE #: 210-628-1605
I hereby acknowledge receipt of the above described mate to the disposal facility listed below without incident.	erials were received from the generator listed above and delivered
Driver Signature	Driver Signature
DISPOS	AL FACILITY
SITE NAME: Covel Gardens Landfill ADDRESS: 8611 Covel Road, San Antonio TX 782	PHONE NUMBER: 210-623-8800 252 FACILITY I.D. #: H2093
I hereby acknowledge receipt of the above described mat	erials. <u>Denus</u> Colle 12, 17, 03 Signature Receipt Date
Dr-Drum C-Carton B-Bag P-Pounds	s CY-Cubic Yards GL-Gallons

Canary - Disposer Retain

Pink - Transporter Retain

04310270



65165

Covel Gardens Landfill	JoS#/
8611 Covel Road	
San Antonio TX 78252	po#
210-623-8800 / 210-623	-6791 Fax

	NON-HAZA	ARDOUS MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity, US A 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	Army 69026 I.D. #: SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exempt SWMU B-2 SAME SAME	•
Description of	Waste Materials	Approval Number	Quantity	Units
Soil from SWN	NU B-2 CO	G-25591, C-7		Сү

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murphy

White - Original

Generator Authorized Agent Name (Print)

12/17/03 **Deliverv** Date

TRANSPORTER

Felix Maldanado Trucking TRANSPORTER MADE:S Hwy 16 ADDRESS: San Antonio, TX 78224 CITY/STATE:

DRIVER NAME(Print): TRUCK NUMB 210-628-1605 PHONE #:

Pink - Transporter Retain

I hereby acknowledge receipt of the above described materials were received from the generator listed above and delivered to the disposal facility listed below without incident.

Colupe O.l 1217/03 Driver Signature

Blue - Disposer Retain (Audit)

aleye Ullo

Shipment Date

Deliverv Date

Gold - Generator Retain

lose VillArrez L

DISPOSAL FACILITY Covel Gardens Landfill 210-623-8800 PHONE NUMBER: SITE NAME: 8611 Covel Road, San Antonio TX 78252 H2093 ADDRESS: FACILITY I.D. #: I hereby acknowledge receipt of the above described materials. Name of Authorized Agent (Print) Signature Receipt Date **Dr-Drum C**-Carton **B-Bag P-Pounds CY-Cubic Yards GL-Gallons**

Canary - Disposer Retain

Covel Gardens Landfill Jos # 0431 0270 8611 Covel Road San Antonio TX 78252 po # 800 8635 210-623-8800 / 210-623-6791 Fax



	NON-HA	ZARDOUS MANIFEST		
GENERATOR: ADDRESS: CITY/ST:	Camp Stanley Storage Activity, US 25800 Ralph Fair Road Bogging TY 78015	S Army 69026 I.D. #: SITE LOCATION	TNRCC WC#: Exer SWMU B-2 : SAME	npt
PHONE:	210-698-5208 Attn: Brian K Murphy	CITY/ST: PHONE:	SAME	
Description of	Waste Materials	Approval Number	Quantity	Units
Soil from SWI	AU B-2	CG-25591, C-7	18	СУ
I hereby certify contain free liqu classified and p - Brian K Murph Generator Auth	that the above described materials are ids as defined by 40 CFR Part 260.10 ackaged, and are in proper condition y orized Agent Name (Print)	e not hazardous wastes as d or any applicable state law. for transportation according t Signature	lefined by 40 CFR Part Have been fully and act o applicable regulation	261 and does not curately described s.
	1	RANSPORTER		
TRANSPORTEI ADDRESS: CITY/STATE:	R NAME: Felix Maldanado Trucking 11250 S Hwy 16 San Antonio, TX 78224	DRIVER NAME(F TRUCK NUMBEF PHONE #: 21	Print): <u>Henv</u> R: <u>ZIT</u> 0-628-1605	ry Rios
I hereby acknow to the disposal f Driver Signature	Vedge-receipt of the above described facility listed below without incident.	materials were received from	the generator listed at	Dove and delivered
	DIS	POSAL FACILITY		
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Antonio TX 7	78252 FACILITY	IUMBER: 210-623-88 I.D. #: H2093	000
	vledge receipt of the above described	materials.		10
I hereby acknow	whis Gehrels	Signature	study	Receipt Date

Canary - Disposer Retain





Covel Gardens Landfill Jos #0431 0270 8611 Covel Road San Antonio TX 78252 Do # 8008635 210-623-8800 / 210-623-6791 Fax

White - Original

Blue - Disposer Retain (Audit)

WASTE MANAGEMENT, INC.

	NO	N-HAZARDO	US MANIFEST		·····
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activit 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	y, US Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exem SWMU B-2 SAME SAME	pt
Description of	Waste Materials	Approv	val Number	Quantity	Units
Soil from SWI	MU B-2	CG-255	91, C-7	18	Су
I hereby certify contain free liqu classified and p <u>Brian K Murph</u> Generator Auth	that the above described material ids as defined by 40 CFR Part 26 ackaged, and are in proper condi y prized Agent Name (Print)	ls are not haz 0.10 or any ap tion for transp	ardous wastes as defi oplicable state law. Ha portation according to according to according to according to according to a	ined by 40 CFR Part a twe been fully and acc applicable regulations	261 and does no urately described
、		TRANSPO	ORTER		
TRANSPORTER ADDRESS: CITY/STATE:	R NAME: Felix Maldanado Tru 11250 S Hwy 16 San Antonio, TX 78224	cking	DRIVER NAME(Prin TRUCK NUMBER: PHONE #: 210 -	nt): <u>[]] / ///</u> <u></u>	telikdort-
I hereby acknow to the disposal f	ledge receipt of the above descri acility listed below without incider	bed materials nt.	were received from th	ne generator listed abo	ove and delivere
Driver Signature	Shipment	<u>Z</u> Date	Driver Signature	Sullidy	Delivery Date
		DISPOSAL I	FACILITY		
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Antonio	TX 78252	PHONE NUI FACILITY I.I	MBER: 210-623-880 D. #: H2093	00
I hereby acknow	vledge receipt of the above descr MMis ized Agent (Print)		s. Signature	elis	12, 17, 53 Receipt Date
Dr-Drum	C-Carton B-Bag F	P-Pounds	CY-Cubic Yards	GI -Gallons	

Canary - Disposer Retain

Pink - Transporter Retain



Covel Gardens Landfill Jos # 04310270 8611 Covel Road San Antonio TX 78252 po # 8008635 210-623-8800 / 210-623-6791 Fax



65168

	NON-HAZARDO	US MANIFEST		
GENERATOR:	Camp Stanley Storage Activity, US Army	I.D. #: 69026	TNRCC WC#: Exen	npt
ADDRESS:	25800 Ralph Fair Road	SITE LOCATION:	SWMU B-2	
CITY/ST:	Boerne, TX 78015		SAME	
PHONE:	210-698-5208	CITY/ST:	SAME	
Description of	Attn: Brian K Murphy Waste Materials Appro	PHONE: val Number	Quantity	Units
Soil from SWN	NU B-2 CG-255	91, <i>C</i> -7		СУ
Brian K.Murphy Generator Autho	prized Agent Name (Print)	Signature	applicable regulations	Delivery Da
	TRANSPO	ORTER		
FRANSPORTEF ADDRESS: CITY/STATE:	NAME: Felix Maldanado Trucking 11250 S Hwy 16 San Antonia, TX 78334	DRIVER NAME(Pri TRUCK NUMBER: PHONE #: 210	nt): DAULA 1	94ALA
hereby acknow the disposal fa	ledge receipt of the above described materials acility listed below without incident.	were received from the	ne generator listed ab Mala	ove and deliver
Driver Signature	Shipment Date	Driver Signature		Delivery Dat
	DISPOSAL I	FACILITY		
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Antonio TX 78252	PHONE NUI FACILITY I.I	MBER: 210-623-88 0 D. #: H2093	00
hereby acknow	ledge receipt of the above described materials $bcback$	s.		17 0
Jennis	JUNIUS	-12.10	OVILY	16/16/6

Br Brain	0-0aiton	D-Dag	F-Founds	CI-Cubic faius	GL-Gallo	ons
White - Original	Blue - Dispos	er Retain (Audit)	Canary - Disposer Re	tain Pink - Transpo	orter Retain	Gold - Genera





65169

Covel Gardens Landfill Jos # 043/0270 8611 Covel Road San Antonio TX 78252 *for # 8008635* 210-623-8800 / 210-623-6791 Fax

WASTE MANAGEMENT, INC.

GENERATOR: Camp Stanley Storage Activity, US Army ADDRESS: I.D. #: 69026 TNRCC WC#: Exempt SWMU B-2 CITY/ST: Boerne, TX 78015 SAME PHONE: 210-698-5208 CITY/ST: Description of Waste Materials Approval Number Quantity Soil from SWMU B-2 CG-25591, C-7 Image: CG-25591, C-7 I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately classified and packaged, and are in proper condition for transportation according to applicable regulations. Image: CG-25591, C-7 Brian K Murphy CG-25591, C-7 Image: CG-25591, C-7 Image: CG-25591, C-7 Brian K Murphy CG-25591, C-7 Image: CG-25591, C-7 Image: CG-25591, C-7 Generator Authorized Agent Name (Print) Image: CG-25591, C-7 Image: CG-25591, C-7 Brian K Murphy Image: CG-25591, C-7 Image: CG-25591, C-7 Image: CG-25591, C-7 Generator Authorized Agent Name (Print) Image: CG-25591, C-7 Image: CG-25591, C-7 Image: CG-25591, C-7 TRANSPORTER NAME: Felix Maldanado Trucking Image: CG-2569, CG-2569, CG-2569, CG-2569, CG-2569, CG-2569, CG-268, CG-2569, CG-268, CG-2569, CG-2569, CG-268, CG-2569, CG-268, CG-268, CG-2569, CG-268, CG-268, CG-268, CG-268, CG-268, CG			IS MANIFEST	NON-HAZARDO		
Aftri: Brian K Murphy Prione: Approval Number Quantity Description of Waste Materials Approval Number Quantity Soil from SWMU B-2 C6-25591, C-7 Iteresting I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 ar contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately classified and packaged, and are in proper condition for transportation according to applicable regulations. Brian K Murphy Image: Contract of the above described materials are not hazardous wastes as defined by 40 CFR Part 261 ar contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately classified and packaged, and are in proper condition for transportation according to applicable regulations. Brian K Murphy Image: Contract of the above described materials were received from the generator listed above an tothe diposal acility listed briow without incident. Image: Contract of the above described materials were received from the generator listed above an tothe diposal acility listed briow without incident. Disposal Facility Interest Signature Disposal Facility I.D. #: 210-623-8800 Address: 8611 Covel Road, San Antonio TX 78252 PHONE NUMBER: 210-623-8800		TNRCC WC#: Exempt SWMU B-2 SAME SAME	I.D. #: 69026 SITE LOCATION: CITY/ST:	ige Activity, US Army oad	Camp Stanley Storage A 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208	GENERATOR: ADDRESS: CITY/ST: PHONE:
Soil from SWMU B-2 C6-25591, C-7 I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 ar contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately classified and packaged, and are in proper condition for transportation according to applicable regulations. Brian K Murphy Image: Contrast of the state law. Have been fully and accurately classified and packaged, and are in proper condition for transportation according to applicable regulations. Brian K Murphy Image: Contrast of the state law. Have been fully and accurately classified and packaged agent Name (Print) TRANSPORTER TRANSPORTER TRANSPORTER NAME: Felix Maldanado Trucking ADDRESS: ADDRESS: 11250 S Hwy 16 CITV/STATE: San Antonio, TX 78224 PHONE #: 210-628-1605 I hereby acknowledge receipt of the above described materials were received from the generator listed above an torthe diposal facility listed bolow without incident. Jumper Signature Shipment Date Disposal Facility Disposal Facility Stite NAME: Covel Gardens Landfill ADDRESS: 8611 Covel Road, San Antonio TX 78252 PHONE NUMBER: 210-623-8800 FacilITY I.D. #: H2093 A	Units	Quantity	al Number	Approv	<u>Affn: Brian K Murphy</u> Waste Materials	Description of W
I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 ar contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately classified and packaged, and are in proper condition for transportation according to applicable regulations. Brian K Murphy Image: Control of the above described materials were received from the generator listed above an to the dipposal actifut listed brow without incident. Image: Control of the above described materials were received from the generator listed above an to the dipposal actifut listed brow without incident. Market Control of the above described materials were received from the generator listed above an to the dipposal actifut listed brow without incident. Image: Control of the above described materials were received from the generator listed above an to the dipposal actifut listed brow without incident. Market Covel Gardens Landfill PHONE NUMBER: 210-623-8800 ADDRESS: 8611 Covel Road, San Antonio TX 78252 PHONE NUMBER: 210-623-8800	Су	18	91, C-7	CG-255	NU B-2	Soil from SWM
TRANSPORTER TRANSPORTER NAME: Felix Maldanado Trucking ADDRESS: 11250 S Hwy 16 CITY/STATE: San Antonio, TX 78224 I hereby acknowledge receipt of the above described materials were received from the generator listed above an to the diposal facility listed below without incident. Junc Junc Disposal facility listed below without incident. Junc Junc Junc Disposal facility listed below without incident. Junc Junc Junc Disposal facility listed below without incident. Junc Junc Junc Disposal Facility Junc Shipment Date Disposal Facility Disposal Facility I. Phone Number: 210-623-8800 Facility I.D. #: H2093 H2093	nd does not y described, 2// <u>~_</u> livery Date	ofined by 40 CFR Part 261 lave been fully and accura applicable regulations.	ardous wastes as defir plicable state law. Hav ortation according to a Storiature	ed materials are not haz FR Part 260.10 or any a oper condition for transp rint)	hat the above described m ds as defined by 40 CFR P ackaged, and are in proper prized Agent Name (Print)	I hereby certify th contain free liquid classified and pac <u>Brian K Murphy</u> Generator Author
TRANSPORTER NAME: Pelix Maldando Trucking ADDRESS: 11250 S Hwy 16 CITY/STATE: San Antonio, TX 78224 I hereby acknowledge receipt of the above described materials were received from the generator listed above an to the disposal facility listed below without incident. Disposal facility Site NAME: Covel Gardens Landfill ADDRESS: 8611 Covel Road, San Antonio TX 78252	and a lt	PA acto Oll	RTER	TRANSPO		
I hereby acknowledge receipt of the above described materials were received from the generator listed above an to the disposal facility listed below without incident. Disposal facility listed below without incident. Disposal Facility Driver Signature Disposal Facility SITE NAME: Covel Gardens Landfill ADDRESS: 8611 Covel Road, San Antonio TX 78252 A Disposal Facility I.D. #: H2093		rint): <u>6857 10 21</u> : <u>1137 7</u> D-628-1605	DRIVER NAME(Prin TRUCK NUMBER: PHONE #: 210-6	224	NAME: Pelix Maldanad 11250 S Hwy 16 San Antonio, TX 78224	TRANSPORTER ADDRESS: CITY/STATE:
DISPOSAL FACILITY SITE NAME: Covel Gardens Landfill PHONE NUMBER: 210-623-8800 ADDRESS: 8611 Covel Road, San Antonio TX 78252 PHONE NUMBER: 210-623-8800 FACILITY I.D. #: H2093	nd delivered	the generator listed above	were received from the	ove described materials out incident. <u>/2/7/03</u> (Shipment Date	ledge receipt of the above cility listed below without i	I hereby acknowle to the disposal far Driver Signature
SITE NAME: Covel Gardens Landfill ADDRESS: 8611 Covel Road, San Antonio TX 78252 ADDRESS: ACILITY I.D. #: H2093			ACILITY	DISPOSAL		· · · · · · · · · · · · · · · · · · ·
		JMBER: 210-623-8800 I.D. #: H2093	PHONE NUM FACILITY I.D	fill n Antonio TX 78252	Covel Gardens Landfill 8611 Covel Road, San An	SITE NAME: ADDRESS:
(Hereby acknowledge receipt of the above described materials. Image: Comparison of the above described materials. Name of Authorized Agent (Print) Signature	ceipt Date	U 1	Signature	bove described material	ledge receipt of the above	hereby acknowle Name of Authoriz
Dr-Drum C-Carton B-Bag P-Pounds CY-Cubic Yards GL-Gallons		ds GL-Gallons	CY-Cubic Yards	P-Pounds	C-Carton B-Bag	Dr-Drum C



			NON-HAZARDO	US MANIFEST	,	
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanl 25800 Ralp Boerne, TX 210-698-52	ey Storage Ac h Fair Road 78015 08	tivity, US Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE [.]	TNRCC WC#: Exem SWMU B-2 SAME SAME	pt .
Description of	Attn: Brian Waste Materi	K Murphy — — als	Appro	val Number	Quantity	Units
Soil from SWA	AU B-2		CG-255	91, <i>C-</i> 7	18	СУ
I hereby certify t contain free liqui classified and pa Brian K Murphy Generator Autho	that the above ids as defined ackaged, and prized Agent N	described mat by 40 CFR Pai are in proper c lame (Print)	terials are not haz rt 260.10 or any a ondition for transp	ardous wastes as depplicable state law. H portation according to State the state state law. H	efined by 40 CFR Part a lave been fully and acc applicable regulations	261 and does r urately describe /2, /7 / 2 Delivery Dat
			TRANSPO	OBTER		
TRANSPORTEF ADDRESS: CITY/STATE:	NAME: Fe 11250 S Hw San Antonio	lix Maldanado y 16 , TX 78224	Trucking	DRIVER NAME(Pr TRUCK NUMBER: PHONE #: 210	rint): <u>Dowald A.</u> <u>399</u> 0-628-1605	HAYNES
o the disposal fa	ledge receipt of acility listed be	of the above de low without inc	escribed materials bident.	were received from t	the generator listed abo	ove and deliver
Driver Signature	/n A. (JYK	Shipm	17/23 ent Date	Driver Signature	9 Yill hes	Delivery Dat
			DISPOSAL I	FACILITY		
SITE NAME: ADDRESS:	Covel Garde 8611 Covel R	ns Landfill oad, San Anto	nio TX 7 8252		имвек: 210-623-880 .D. #: H2093	0
hereby acknow	ledge receipt	of the above of 1997 int)		s. Signature		<u>//2, /),</u> Receipt Date
ir-Drum (C-Carton	B-Bag	P-Pounds	CY-Cubic Vard	s GL-Gallons	

White - Original Blue - Disposer Retain (Audit) Canary - Disposer Retain Pink - Transporter Retain



210-623-8800 / 210-623-6791 Fax

Law Car

WASTE MANAGEMENT, INC.

65171

			NON-HAZARDO	OUS MANIFEST		
	GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Stora 25800 Ralph Fair Ro Boerne, TX 78015 210-698-5208 Attn: Brian K Murph	ge Activity, US Army ad y	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Ex SWMU B-2 SAME SAME	æmpt
	Description of	Waste Materials	Appro	oval Number	Quantity	Units
	Soil from SW	MU B-2	CG-25	591 <i>,</i> C-7	_18_	Су
ſ	I hereby certify contain free liqu classified and p	that the above describe uids as defined by 40 CF backaged, and are in pro	d materials are not ha R Part 260.10 or any a oper condition for trans	azardous wastes as de applicable state law. H sportation according-te	efined by 40 CFR Pa lave been fully and a applicable regulation	art 261 and does not accurately described, ons.
her	- Brian K Murph	ıy		hetter	Char >	$< \underline{h}_{171a}$
	Generator Auth	orized Agent Name (Pri	int)	Signature	*07 -	Delivery Date
			TRANSF	PORTER		
	TRANSPORTE ADDRESS: CITY/STATE:	R NAME: Felix Malda 11250 S Hwy 16 San Antonio, TX 782	inado Trucking 224	DRIVER NAME(P TRUCK NUMBER PHONE #: 210	rint): <u> </u>	
	I hereby acknow to the disposal Driver Signatur	wiedge receipt of the abo facility listed below with cullure 1 e	ove described material out incident. <u>2,17,03</u> Shipment Date	s were received from	the generator listed	above and delivered
			DISPOSAL	FACILITY		
	SITE NAME: ADDRESS: thereby acknow Name of Autho	Covel Gardens Landf 8611 Covel Road, San wledge receipt of the ab	ill Antonio TX 78252 ove described materia	PHONE NI FACILITY Als. Signature	UMBER: 210-623- I.D. #; H2093	8800
ĺ	Dr-Drum	C-Carton B-Bag	P-Pounds	CY-Cubic Yard	ds GL-Gallons	
	White - Original	Blue - Disposer Retain (A	Audit) Canary - Dispo	ser Retain Pink - Tr	ansporter Retain G	old - Generator Retain



			NON-HAZARDO	US MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stani 25800 Ralp Boerne, TX 210-698-52	ey Storage Ac h Fair Road 78015 108	tivity, US Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exem SWMU B-2 SAME SAME	pt
Description of	Waste Materi	als	Approv	/al Number	Quantity	Units
Soil from SWN	\U B-2		<i>CG</i> -2559	91, C-7	18	Су
I hereby certify t contain free liqui classified and pa Brian K Murphy Generator Autho	hat the above ds as defined ackaged, and prized Agent N	described ma by 40 CFR Pa are in proper o Jame (Print)	terials are not haza rt 260.10 or any ap condition for transp	ardous wastes as def oplicable state law. Ha ortation according to Signature	ined by 40 CFR Part 2 ave been fully and accuracy applicable regulations.	261 and does no urately described
			TRANSPO	DRTER	/	A
TRANSPORTER ADDRESS: CITY/STATE:	NAME: Fe 11250 S Hw San Antonia	lix Maldanado y 16 y TX 78224	Trucking	DRIVER NAME(Prin TRUCK NUMBER: PHONE #: 210-	nt): <u>ricardo</u> <u>315</u> 628-1605	Barron
I hereby acknowl to the disposal fa	ledge receipt	of the above d slow without in	escribed materials cident.	were received from th	e generator listed abo	ve and delivered
Driver Signature	Danon	Shipn	nent Date	Driver Signature	anor	<u>/2 / /7 / 02</u> Delivery Date
			DISPOSAL F	ACILITY		· · · · · ·
	Coval Canda	ns Landfill		PHONE NU	MBER: 210-623-880	0
SITE NAME: ADDRESS:	8611 Covel R	load, San Anto	onio TX 78252	FACILITY I.[D. #: H2093	-
SITE NAME: ADDRESS: I hereby acknowl	B611 Covel R ledge receipt	of the above of th	escribed materials	FACILITY I.I Signature	D. #: H2093	<u> </u>

White - Original

Blue - Disposer Retain (Audit)

Canary - Disposer Retain

Pink - Transporter Retain

Gold - Generator Retain



65173

Covel Gardens Landfill Job # 04310270 8611 Covel Road San Antonio TX 78252 Po # 8008635 210-623-8800 / 210-623-6791 Fax

WASTE MANAGEMENT, INC.

	NO	N-HAZARDOU	JS MANIFEST		
GENERATOR ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activit 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	y, US Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exemp SWMU B-2 SAME SAME	rt
Description o	f Waste Materials	Approv	al Number	Quantity	Units
Soil from SW	MU B-2	CG-2559	91, <i>C</i> -7	18	СУ
I hereby certify contain free liq classified and	that the above described material uids as defined by 40 CFR Part 26 packaged, and are in proper condit	s are not haza 0.10 or any ap tion for transpo	ardous wastes as defi plicable state law. Ha prtation according to	ined by 40 CFR Part 2 we been fully and accu applicable regulations.	61 and does r rately describe
Brian K Murp	1 y		Ma	1 An	121110
Generator Aut	orized Agent Name (Print)		Signature		Delivery Dat
		TRANSPO	RTER		
TRANSPORTE ADDRESS: CITY/STATE:	R NAME: Felix Maldanado Truc 11250 S Hwy 16 San Antonio, TX 78224	sking	DRIVER NAME(Pri TRUCK NUMBER: PHONE #: 210-	nt): <u>Maure</u> 628-1605	Mayer
I hereby ackno to the dispesal	wledge receipt of the above descril facility listed below without incider	bed materials v nt.	were received from th	ne generator listed abo	ve and delive
Driver Signatur	re Shipment	<u>/3</u> Date	Driver Signature	Mazin	/12///////////////////////////////////
	^	DISPOSAL F	ACILITY		· · · · · · · · · · · · · · · · · · ·
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Antonio	TX 78252	PHONE NUI FACILITY I.I	MBER: 210-623-880 D. #: H2093	0
	wledge receipt of the above descr	ibed materials	· 0 @		1
I hereby ackno L Name of Autho	rized Agent (Print)	rels	Signature	rues	- Receipt Date



	N	UN-HAZARDUL	JS MANIFEST		
GENERATOR ADDRESS: CITY/ST: PHONE:	R: Camp Stanley Storage Activ 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Atta: Paiga K Mumphy	vity, US Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Ex SWMU B-2 SAME SAME	empt
Description	of Waste Materials	Approv	al Number	Quantity	Units
Soil from SV	VMU B-2	CG-2559	91, <i>C</i> -7	18	Сү
I hereby certif contain free li- classified and Brian K Mur Generator Au	y that the above described mater quids as defined by 40 CFR Part ; packaged, and are in proper cor hy	ials are not haza 260.10 or any ap idition for transpo	ardous wastes as defi plicable state law. Ha prtation according to Stansture	ned by 40 CFR Pa ve been fully and a applicable regulatio	art 261 and does n accurately describe ons.
			Contendite		Delivery Date
		TRANSPO	RTER		/
TRANSPORT ADDRESS: CITY/STATE:	ER NAME: Felix Maldanado Tr 11250 S Hwy 16 San Antonio, TX 78224	rucking	DRIVER NAME(Prin TRUCK NUMBER: PHONE #: 210-	nt): <u>/ 04 (c/</u> <u>56 5</u> 628-1605	Vesque
I hereby acknown to the disposa Driver Signatu	bwledge receipt of the above desc I facility listed below without incident integration of the above descent integration of the above	cribed materials v ent. 7 <u>85</u> nt Date	were received from the	e generator listed	above and delivered
		DISFUSAL			·
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Antonio	o TX 78252	PHONE NUN FACILITY I.E	/IBER: 210-623- 8). #: H2093	800
SITE NAME: ADDRESS: I hereby ackno Name of Auth	Covel Gardens Landfill 8611 Covel Road, San Antonia owledge receipt of the above des MUS Defized Agent (Print)	TX 78252 cribed materials	PHONE NUM FACILITY I.E Signature	ABER: 210-623-6 D. #: H2093	1800 <u> 1 1</u> Receipt Date

Canary - Disposer Retain

Pink - Transporter Retain

Gold - Generator Retain

Blue - Disposer Retain (Audit)



210-623-8800 / 210-623-6791 Fax

		NON-HAZ	ZARDOUS	6 MANIFEST	· · · · · ·	
	GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity, US 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exe SWMU B-2 SAME SAME	empt
	Description of W	Vaste Materials	Approva	I Number	Quantity	Units
	Soil from SWM	U B-2 (CG-25591	, C-7	18	Су
la	I hereby certify th contain free liquid classified and pac <u>Brian K Murphy</u>	at the above described materials are Is as defined by 40 CFR Part 260.10 c ckaged, and are in proper condition fo	not hazar or any app or transpor	dous wastes as defi licable state law. Ha tation according to a	ned by 40 CFR Pa ve been fully and a app li cable regulatio	rt 261 and does not ccurately described, ns.
	Generator Author	ized Agent Name (Print)		Finature		Delivery Date
		TF	RANSPOF	RTER		
	TRANSPORTER ADDRESS: CITY/STATE:	NAME: Felix Maldanado Trucking 11250 S Hwy 16 San Antonio, TX 78224	<i>,</i>	DRIVER NAME(Prir TRUCK NUMBER: PHONE #: 210 -	nt): <u>Hen</u> 628-1605	ry Rios
	I hereby acknowled to the disposal fac Driver Signature	edge receipt of the above described m cility listed below without incident. May Park (2,12, 83 Shipment Date	naterials w	ere received from the second from the second s	le generator listed a	bove and delivered <u> として、ノハー。</u> Delivery Date
[DISP	OSAL FA	CILITY		
	SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Antonio TX 78	252	PHONE NUI FACILITY I.[MBER: 210-623- 8 D. #: H2093	800
	I hereby acknowle Name of Authoriz	edge receipt of the above described r <u> </u>	materials.	Signature	ches	<u> </u>

Dr-Drum	C-Carton	B-Bag	P-Pounds	CY-C	Cubic Yards	GL-Gallor	IS
White - Original	Blue - Dispos	ser Retain (Audit)	Canary - Dispose	Retain	Pink - Transport	er Retain	Gold - Generator Retain





Covel Gardens Landfill JoSH 04310270 8611 Covel Road San Antonio TX 78252 Po# 8008635 210-623-8800 / 210-623-6791 Fax

WASTE MANAGEMENT, INC.

NON-HAZARDOUS MANIFEST						
GENERATOR: ADDRESS: CITY/ST:	Camp Stanley Storage Activity, US Army 25800 Ralph Fair Road Baerne TX 78015	I.D. #: 69026 SITE LOCATION:	TNRCC WC#: Exempt SWMU B-2 SAME			
PHONE:	210-698-5208	CITY/ST: PHONE:	SAME			
Description of	Waste Materials Appro	oval Number	Quantity	Units		
Soil from SWN	VB-2 CG-255	591, <i>C</i> -7	18	CY		
I hereby certify t	hat the above described materials are not ha	zardous wastes as del	fined by 40 CFR Part 261	and does		

contain free liquids as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

i Brian K Murphy

Generator Authorized Agent Name (Print)

TRANSPORTER

TRANSPORTER NAME:Felix Maldanado TruckingADDRESS:11250 S Hwy 16CITY/STATE:San Antonio, TX 78224

pellen (21719
Signature	Delivery Date

DRIVER NAME (Print): Condalupe Villarnel TRUCK NUMBER: PHONE #: 210-628-1605

I hereby acknowledge receipt of the above described materials were received from the generator listed above and delivered to the disposal facility listed below without incident.

12/12/03

Driver Signature

Shipment Date

upe Villa

Driver Signature

Delivery Date

DISPOSAL FACILITY

SITE NAME: ADDRESS:

Covel Gardens Landfill 8611 Covel Road, San Antonio TX 78252

PHONE NUMBER: 210-623-8800 FACILITY I.D. #: H2093

I hereby acknowledge receipt of the above described materials.

Name of Authorized Agent (Print)

Δ	\sim	Λ	
	(Ö	le	-12

Signature

Receipt Date

Dr-Drum	C-Carton	B-Bag	P-Pounds	CY-0	Cubic Yards	GL-Gallo	ons
White - Original	Blue - Dispos	ser Retain (Audit)	Canary - Dispose	r Retain	Pink - Transpor	er Retain	Gold - Generator Retain



			NON-HAZARDOU	ON-HAZARDOUS MANIFEST				
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanle 25800 Ralph Boerne, TX 210-698-520	ey Storage A 1 Fair Road 78015 08	ctivity, US Army	I.D. #: 69026 SITE LOCATION: CITY/ST:	TNRCC WC#: Exemp SWMU B-2 SAME SAME	t		
Description of I	Attn: Brian	K Murphy		PHONE:	O	11		
Description of		315	Approv			Units		
Soil from SWN	NU B-2		<i>CG</i> -2559	91, C-7	<u> </u>	Су		
I hereby certify t contain free liqui classified and pa	hat the above ds as defined ackaged, and a	described ma by 40 CFR Pa are in proper	aterials are not haza art 260.10 or any ap condition for transp	ardous wastes as def oplicable state law. Ha ortation according to	ned by 40 CFR Part 20 ve been fully and accur applicable regulations.	61 and does n rately describe		
Generator Autho	rized Agent N	ame (Print)		Signature	- `	Delivery Date		
			TRANSPO	DRTER				
TRANSPORTER ADDRESS: CITY/STATE:	NAME: Fel 11250 S Hwy San Antonio	ix Maldanado / 16 , TX 78224	Trucking	DRIVER NAME(Pri TRUCK NUMBER: PHONE #: 210-	nt): <u>killinn</u> <u>S/24</u> 628-1605	vehlseli		
I hereby acknowl to the disposal fa	ledge receipt o acility listed be	of the above of the without in	lescribed materials ncident.	were received from th	e generator listed abov	e and delivere		
1) Maria	e Si lle		17103	11/1 alla	E Collar	12/12/1		
Driver Signature		Shipr	ment Date	Driver Signature		Delivery Date		
			DISPOSAL F	ACILITY				
SITE NAME: ADDRESS:	Covel Garder 8611 Covel R	ns Landfill oad, San Ant	onio TX 78252	PHONE NUI FACILITY I.I	MBER: 210-623-8800 D. #: H2093)		
I hereby acknow	ledge receipt o	of the above	described materials	QC	shell	_12,(7, <u>ð</u>		
Name of Authori:	zed Agent (Pri	nt)		Sigňature		Receipt Date		
			· · · · · · · · · · · · · · · · · · ·		······································			

White - Original

Blue - Disposer Retain (Audit)

Canary - Disposer Retain

_____.

Pink - Transporter Retain



		NON-HAZARDOUS MANIFEST								
	GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp St 25800 R Boerne, 210-698 Attn: Br	anley Storage alph Fair Road TX 78015 -5208 ian K Murphy	Activity, US Ar	rmy	.d. #: 6902 6 Site locat City/st: Phone:	6 TN 10N: SV SA SA	IRCC WC#: E VMU B-2 VME VME	Exempt	
	Description of V	Vaste Ma	terials	A	pproval	Number		Quantity		Units
	Soil from SWM	U B-2		CG-	-25591,	C-7		18		Су
//	I hereby certify th contain free liquid classified and pa	nat the abo is as defir ckaged, a	ove described ed by 40 CFR nd are in prope	materials are no Part 260.10 or a er condition for ti	t hazarc any appl ransport	lous wastes a cable state la ation accordi	as defined aw. Have b ng to appl	by 40 CFR I been fully and icable regula	Part 261 d accurat tions.	and does not ely described,
10	¹ Brian K Murphy					ke//o		Chi	\checkmark	21/103
	Generator Author	rized Agei	nt Name (Print)	i		Signature				Delivery Date
				TRAI	NSPOR	TER				<u> </u>
	TRANSPORTER ADDRESS: CITY/STATE:	NAME: 11250 S I San Anto	Felix Maldana -lwy 16 mio, TX 78224	do Trucking	[- 	DRIVER NAM TRUCK NUM PHONE #:	/IE(Print): IBER: 210-628	DAUIC -1605	1 Au 310	1ALA
	I hereby acknowled to the disposal far Oriver Signature	edge rece icility listed	pt of the above I below without / 2 Sh	e described mate incident. <u>-/ 17 / 0 ろ</u> ipment Date	erials we	Driver Signa	from the generative $\frac{1}{2}$	enerator listed Yala	d above <u>1</u> E	and delivered
				DISPOS	SAL FA	CILITY				
	SITE NAME: ADDRESS:	Covel Ga 8611 Cov	rdens Landfill el Road, San A	ntonio TX 7825	52	PHON FACIL	e numbe Ity I.D. #	ER: 210-62 3 : H2093	3-8800	
	I hereby acknowl	edge rece	ipt of the abov	e described mat	terials.	Signature	Gol	m	<u>>(</u> F	2, (7, R Receipt Date
ſ	Dr-Drum C	C-Carton	B-Bag	P-Pound	s	CY-Cubic	Yards	GI -Gallon		

Canary - Disposer Retain

Pink - Transporter Retain

Gold - Generator Retain

White - Original

Blue - Disposer Retain (Audit)





Covel Gardens Landfill Jol# 043/0270 8611 Covel Road San Antonio TX 78252 Po# 8008635 210-623-8800/210-623-6791 Fax

....

White - Original

Blue - Disposer Retain (Audit)



WASTE MANAGEMENT, INC.

			·····	NON-HAZARDOU	N-HAZARDOUS MANIFEST					
	GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Sta 25800 Ra Boerne, T 210-698- Attn: Bria	inley Storage A Ilph Fair Road 7X 78015 5208 an K Murphy	ctivity, US Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exe SWMU B-2 SAME SAME	mpt			
	Description of	Waste Mate	erials	Approv	al Number	Quantity	Units			
	Soil from SW	MU B-2		CG-2559	91, C-7	18	СУ			
	I hereby certify contain free liqu classified and p	that the abo uids as define backaged, an	ve described ma ed by 40 CFR Pa d are in proper o	aterials are not haza art 260.10 or any ap condition for transp	ardous wastes as defipplicable state law. Ha	ined by 40 CFR Par we been fully and ac ap <u>plicable regulatior</u>	t 261 and does not curately described, is.			
1	Brian K Murnh	IV.			1/10	and the				
· -	Generator Auth	orized Agent	t Name (Print)	/	Signature	Car -	Delivery Date			
TRANSPORTER										
	TRANSPORTE ADDRESS: CITY/STATE:	R NAME: F 11250 S H San Antor	Felix Maldanado Iwy 16 nio, TX 78224	Trucking	DRIVER NAME(Prin TRUCK NUMBER: PHONE #: 210 -	nt): <u>Rober 70 (</u> <u>## 3/9</u> 628-1605	Q Martone			
<	i hereby acknow to the disposal	wledge receip facility listed	ot of the above d below without in	lescribed materials icident.	were received from th	e generator listed al	pove and delivered			
	Driver Signature	es Upen	Shipn	nent Date	Driver Signature	(What	Delivery Date			
				DISPOSAL F	ACILITY					
	SITE NAME: ADDRESS:	Covel Gard 8611 Cove	dens Landfill Road, San Anto	onio TX 78252	PHONE NUN FACILITY I.[MBER: 210-623-88 D. #: H2093	300			
	I hereby acknow Logo Name of Author	vledge receip MMJ rized Agent (ot of the above of the print)	described materials	Signature	sehel 1	<u>- 12,17,03</u> Receipt Date			
	Dr-Drum	C-Carton	B-Bag	P-Pounds	CY-Cubic Yards	GL-Gallons				

Canary - Disposer Retain

Pink - Transporter Retain

1



	NO	N-HAZARDO	RDOUS MANIFEST				
GENERATOR: ADDRESS:	Camp Stanley Storage Activit 25800 Ralph Fair Road	ry, US Army	I.D. #: 69026 SITE LOCATION:	TNRCC WC#: Exe SWMU B-2	empt		
CHY/SI:	Boerne, TX 78015			SAME			
PHONE:	210-698-5208			SAME	.1		
Description of	— Attn: Brian K Murphy Waste Materials	Δηριτο	val Number	Quantity			
Soil from SWI	MU B-2	CG-255	91, <i>C</i> -7		CY		
classified and p ² ² Brian K Murph Generator Auth	ackaged, and are in proper condi	ition for transp	portation according to	applicable regulation	Delivery Date		
		TRANSPO	ORTER		······································		
TRANSPORTE ADDRESS: CITY/STATE:	R NAME: Felix Maldanado Tru 11250 S Hwy 16 San Antonio, TX 78224	cking	DRIVER NAME(Print TRUCK NUMBER: PHONE #: 210-	nt): <u>)ない</u> なり)) <u>考え</u> る 628-1605	A MAYNES		
I hereby acknow to the disposal f	vledge receipt of the above descri acility listed below without incider	bed materials nt.	were received from th	e generator listed a	bove and delivered		
Tan OIN	dl. 12,171	15	Dundla	Non	101100		
Driver Signature	Shipment	Date	Driver Signature	Magnes	Delivery Date		
		DISPOSAL					
	·····						
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Antonio	TX 78252	PHONE NUI FACILITY I.I	MBER: 210-623-8 D. #: H2093	800		
I hereby acknow	vledge receipt of the above descr MAS GeltC ized Agent (Print)	ribed material	s. Signature	Gele	NAT 2 0 Receipt Date		

White	-	Original
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Canary - Disposer Retain

Pink - Transporter Retain

Gold - Generator Retain

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65180



P0# 800 8635



65181

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 Covel Gardens Landfill
 Jal

 8611 Covel Road
 San Antonio TX 78252
 Jal

 210-623-8800 / 210-623-6791 Fax
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 Dal

WASTE MANAGEMENT, INC.

GENERATOR: Cc ADDRESS: 2 CITY/ST: Bc PHONE: 21 Description of Was Soil from SWMU E I hereby certify that contain free liquids a classified and packa -Brian K Murphy Generator Authorize	amp Stanley Storage Activ 5800 Ralph Fair Road 5900 Ralph Fair Road 5900 Ralph Fair Road 5000	vity, US Army Approv CG-2559 ials are not haza 260.10 or any ap dition for transpo	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE: val Number 91, C-7 ardous wastes as def oplicable state law. Ha ortation according to	TNRCC WC#: Exempt SWMU B-2 SAME SAME Quantity 	Units CY 1 and does no ately described 12/17/03 Delivery Date
Description of Was Soil from SWMU E I hereby certify that contain free liquids a classified and packa <u>Brian K Murphy</u> Generator Authorize	the above described materials by 40 CFR Part 2 ged, and are in proper con d Agent Name (Print)	Approv CG-2559 ials are not haza 260.10 or any ap dition for transpo	val Number 91, C-7 ardous wastes as def oplicable state law. Ha ortation according to	Quantity ined by 40 CFR Part 26 ave been fully and accura applicable regulations.	Units CY 1 and does no ately described 12/17/03 Delivery Date
Soil from SWMU E I hereby certify that contain free liquids a classified and packa <u>-Brian K Murphy</u> Generator Authorize	3-2 the above described materi is defined by 40 CFR Part 2 ged, and are in proper con d Agent Name (Print)	CG-2559 ials are not haza 260.10 or any ap dition for transpo	91, C-7 ardous wastes as def oplicable state law. Ha ortation according to	ined by 40 CFR Part 26 ave been fully and accura applicable regulations.	Cy 1 and does no ately described 12/17/03 Delivery Date
I hereby certify that contain free liquids a classified and packa <u>-Brian K Murphy</u> Generator Authorize	the above described materi is defined by 40 CFR Part 2 ged, and are in proper con d Agent Name (Print)	ials are not haza 260.10 or any ap dition for transpo	ardous wastes as def oplicable state law. Ha portation according to	ined by 40 CFR Part 26 ave been fully and accura applicable regulations.	1 and does no ately described 12/17/03 Delivery Date
Generator Authorize	d Agent Name (Print)		Stenature		Delivery Date
		TRANSPO	ORTER		0
TRANSPORTER NA ADDRESS: 112 CITY/STATE: So I hereby acknowledg to the disposal facilit	ME: Felix Maldanado Tr 250 S Hwy 16 In Antonio, TX 78224 Ie receipt of the above desc y linked below without incide	rucking cribed materials ent.	DRIVER NAME(Print TRUCK NUMBER: PHONE #: 210- were received from th	nt): <u>FCO</u> -628-1605 ne generator listed above	e and delivere
Driver Signature	IOULO ZI ZI Shipmen	T <u>A</u> at Date	Driver Signature	Jarga,	Delivery Date
· · · · · · · · · · · · · · · · · · ·		DISPOSAL F	FACILITY	· · · · · · · · · · · · · · · · · · ·	<u></u>
SITE NAME: Co ADDRESS: 86	vel Gardens Landfill 11 Covel Road, San Antonio	o T X 78252	PHONE NUI FACILITY I.I	MBER: 210-623-8800 D. #: H2093	
hereby acknowledg	e receipt of the above des	cribed materials	s. J. G. Signature	elus	HC 17 /03 Receipt Date
Dr-Drum C-Ca	arton B-Bag	P-Pounds	CY-Cubic Yards	s GL-Gallons	



		NON-HAZARDOUS MANIFEST							
	GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage 25800 Ralph Fair Roa Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	e Activity, US Army d	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exer SWMU B-2 SAME SAME	npt			
	Description of V	Vaste Materials	Appro	val Number	Quantity	Units			
	Soil from SWM	U B-2	CG-255	91, <i>C-</i> 7	18	Су			
	I hereby certify th contain free liquic classified and par	hat the above described Is as defined by 40 CFF ckaged, and are in prop	materials are not haz Part 260.10 or any a per condition for transp	ardous wastes as def pplicable state law. Ha portation according to	ined by 40 CFR Part we been fully and ac applicable regulation	261 and does no curately described s.			
// 7	Brian K.Murphy	·		Jelon	lan	121710			
	Generator Author	ized Agent Name (Prin	t)	Stature		Delivery Date			
			TRANSPO	ORTER					
	TRANSPORTER ADDRESS: CITY/STATE:	NAME: Felix Maldan 11250 S Hwy 16 San Antonio, TX 7822	ado Trucking 4	DRIVER NAME(Pri TRUCK NUMBER: PHONE #: 210-	nt): <u>Mauur</u> <u>324</u> 628-1605	l Mayrn			
	I hereby acknowle to the disposal fa	edge receipt of the above citity listed below without	ve described materials ut incident.	were received from the	ne generator listed at	oove and delivered			
	Manuel	Man 1	7.17.103	Manul	Marin	1911710			
	Driver Signature	S	hipment Date	Driver Signature	\mathcal{O}	Delivery Date			
			DISPOSAL	FACILITY		• •			
-	SITE NAME: ADDRESS:	Covel Gardens Landfil 8611 Covel Road, San	l Antonio TX 78252	PHONE NU FACILITY I.I	MBER: 210-623-88 D. #: H2093	00			
	I hereby acknowl	edge receipt of the abo	ve described material	s. Signature	MQ	LZHZ/ 8 Receipt Date			
ſ	Dr-Drum C	-Carton B-Bag	P-Pounds	CY-Cubic Yards	GL-Gallons				

Canary - Disposer Retain

White - Original

Blue - Disposer Retain (Audit)

Pink - Transporter Retain

Gold - Generator Retain




Jos # 04310270 Covel Gardens Landfill 8611 Covel Road Po # 8008635 San Antonio TX 78252 210-623-8800 / 210-623-6791 Fax

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WASTE MANAGEMENT, INC.

			NON-H	AZARDOU	S MANIFEST		·· ·		
	GENERATOR: ADDRESS: CITY/ST:	Camp Stanley St 25800 Ralph Fair Boerne, TX 7801	orage Activity, U ° Road 5	IS Army	I.D. #: 69026 SITE LOCATION:	TNRCC WC#: Exer SWMU B-2 SAME	ipt		
	PHONE:	210-698-5208			CITY/ST:	SAME			
i	Description	Attn: Brian K Mu	rphy		PHONE:	0	16		
	Description of	waste materials		Approva	al Number	Quantity	Units		
	Soil from SWN	AU B-2		CG-2559	1, C-7		Сү		
1	I hereby certify t contain free liqui classified and pa	hat the above desc ds as defined by 40 ackaged, and are in	ribed materials ar CFR Part 260.10 proper condition	re not haza) or any app for transpo	rdous wastes as defi blicable state law. Ha rtation according to	ined by 40 CFR Part we been fully and acc applicable regulations	261 and does not surately described,		
r	Brian K Murphy	,				Am	12/17/03		
	Generator Autho	prized Agent Name	(Print)		Signature		Delivery Date		
					<i>TV</i>		-		
[TRANSPORTER								
	TRANSPORTER ADDRESS: CITY/STATE: I hereby acknow to the disposal to Accarde Driver Signature	R NAME: Felix M 11250 S Hwy 16 San Antonio, TX ledge receipt of the acility listed below v	aldanado Truckin 78224 above described vithout incident. <u>12/17 / 23</u> Shipment Date	ng materials v e	DRIVER NAME(Print TRUCK NUMBER: PHONE #: 210- vere received from the ducentor Driver Signature	nt): <u>Kicarilo</u> 315 628-1605 ne generator listed ab	Darroy ove and delivered <u>12/17/03</u> Delivery Date		
[DIS	SPOSAL F	ACILITY	· · · · · · · · · · · · · · · · · · ·			
	SITE NAME: ADDRESS:	Covel Gardens La 8611 Covel Road,	ndfill San Antonio TX I	78252	PHONE NU	MBER: 210-623-88 D. #: H2093	00		
	I hereby acknow	ledge receipt of the	above described	d materials.	0.0	seho 2	12, 12, 3		
	Name of Authori	zed Agent (Print)			Signature		Receipt Date		
[Dr-Drum	C-Carton B-E	Bag P-Po	ounds	CY-Cubic Yards	GL-Gallons			
1	White - Original	Blue - Disposer Reta	in (Audit) Cana	ry - Disposer	Retain Pink - Trar	nsporter Retain Gold	- Generator Retain		



65184

Jas# 04310270

Covel Gardens Landfill 8611 Covel Road San Antonio TX 78252

White - Original

Blue - Disposer Retain (Audit)

Po# 8008635 210-623-8800 / 210-623-6791 Fax

WASTE MANAGEMENT, INC.

		NON-HAZARD	OUS MANIFEST				
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Sto 25800 Ralph Fair Boerne, TX 78015 210-698-5208	rage Activity, US Army Road i	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Ex SWMU B-2 SAME SAME	2mpt		
Description of	Waste Materials	pny Appr	oval Number	Quantity	Units		
Soil from SW	MU B-2	<i>CG</i> -25	591, C-7	18	Су		
Classified and packaged, and are in proper condition for transportation according to applicable regulations.							
TRANSPORTER							
TRANSPORTE ADDRESS: CITY/STATE:	R NAME: Felix Mai 11250 S Hwy 16 San Antonio, TX 7	danado Trucking 8224	DRIVER NAME(Pri TRUCK NUMBER: PHONE #: 210	nt):	159 2		
I hereby acknow to the disposal f Driver Signature	vledge receipt of the a facility listed below wi	above described materia thout incident. <u>ILITIS</u> Shipment Date	Is were received from the series of the seri	ne generator listed a	above and deliver <u> Delivery Dat</u>		
		DISPOSAL					
SITE NAME: ADDRESS:	Covel Gardens Lan 8611 Covel Road, S	dfill an Antonio TX 78252	PHONE NU FACILITY I.	MBER: 210-623-8 D. #: H2093	800		
I hereby acknov	vledge receipt of the	above described materia	als. Signature	ehils	<u>12,(7,8</u> Receipt Date		
Dr-Drum	C-Carton B-B-	D Doundo					

Canary - Disposer Retain

Pink - Transporter Retain





			NC	N-HAZARDOU	JS MANIFEST		
GENE ADDF CITY/ PHON	ERATOR: RESS: /ST: NE:	OR: Camp Stanley Storage Ac 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy		ity, US Army I.D. #: 69026 SITE LOCATION: CITY/ST:		TNRCC WC#: Exe SWMU B-2 SAME SAME	mpt
Desci	ription of	Waste Materials	<u>Nurpriy</u>	Approv	val Number	Quantity	Units
Soil	Soil from SWMU B-2			CG-2559	91, C-7	18	Су
I here contai classif Briar Gener	by certify t in free liqui fied and pa <u>n K Murphy</u> rator Autho	hat the above de ds as defined by ackaged, and are prized Agent Nam	escribed materia 40 CFR Part 2 in proper cond ne (Print)	als are not haza 60.10 or any ap lition for transp	ardous wastes as def oplicable state law. Ha ortation according to	ined by 40 CFR Parave been fully and ac applicable regulation	t 261 and does no curately described s. <u>/2 / 7 / a</u> Delivery Date
				TRANSPO	DRTER	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
TRANSPORTER NAME: Felix Maldanado Tr ADDRESS: 11250 S Hwy 16 CITY/STATE: San Antonio, TX 78224			ucking	DRIVER NAME(Pri TRUCK NUMBER: PHONE #: 210	nt): <u>[{ea</u> -628-1605	ry Rios	
I here to the	by acknow disposal f	ledge receipt of t acility listed below	he above desc v without incide // Shipmen	ribed materials ent. /) t Date	were received from the second	he generator listed a	pove and delivere
				DISPOSAL I	FACILITY		
SITE NAME: Covel Gardens Landfill ADDRESS: 8611 Covel Road, San Antonio I hereby acknowledge receipt of the above descr			TX 78252	PHONE NU FACILITY I.	MBER: 210-623-80 D. #: H2093	800	
I here	-	12 .	$\sim \kappa$	-ochi		al /	
I here Name	of Authori	zed Agent (Print))	- p	Signature		Receipt Pate

65186

Job# 0431 0270 po#8008635

Covel Gardens Landfill 8611 Covel Road San Antonio TX 78252

210-623-8800 / 210-623-6791 Fax

WASTE MANAGEMENT, INC.

			NON-HAZARDO	US MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	ENERATOR: Camp Stanley Storage Activi DDRESS: 25800 Ralph Fair Road HONE: Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy			I.D. #: 69026 SITE LOCATION: CITY/ST:	TNRCC WC#: Exe SWMU B-2 SAME SAME	empt
Description of	<u>Attn: Brian k</u> Waste Materia	(Murphy als	Approv	val Number	Quantity	Units
Soil from SW	MU B-2		CG-255	91, C-7	18	СУ
I hereby certify that the above described materia contain free liquids as defined by 40 CFR Part 26 classified and packaged, and are in proper cond Brian K Murphy Generator Authorized Agent Name (Print)			aterials are not haz art 260.10 or any a condition for transp	ardous wastes as def pplicable state law. Ha portation according to Signature	ined by 40 CFR Pa ave been fully and a applicable regulation	rt 261 and does no ccurately described ns. 12/17 / 0 Delivery Date
			TRANSPO	ORTER		•
TRANSPORTER NAME: Felix Maldanado Tru ADDRESS: 11250 S Hwy 16 CITY/STATE: San Antonio, TX 78224			Trucking	DRIVER NAME(Pri TRUCK NUMBER: PHONE #: 210-	nt): Correla lu 307 628-1605	ipe l'illan
hereby acknow o the disposal f	vledge receipt o facility listed bel	f the above of low without in	described materials ncident.	were received from th	ne generator listed a	above and delivere
Jriver Signature	9	Ship	ment Date	Driver Signature		Delivery Date
			DISPOSAL I	FACILITY	<u> </u>	······································
SITE NAME: ADDRESS:	Covel Garder 8611 Covel Ro	ns Landfill Dad, San Ant	onio TX 78252	PHONE NU FACILITY I.	MBER: 210-623-8 D. #: H2093	800
hereby acknow	vledge receipt of	of the above		s.		12/17/0
lame of Author	rized Agent (Pri	nt)		Signature		Receipt Date
Dr-Drum	C-Carton	B-Bag	P-Pounde	CV-Cubic Vard		

White - Original

Blue - Disposer Retain (Audit)

Canary - Disposer Retain

Pink - Transporter Retain



Jos# 0431 0270 Po # 8008635 Covel Gardens Landfill 8611 Covel Road



San Antonio TX 78252 210-623-8800 / 210-623-6791 Fax

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				NON-HAZARDO	US MANIFE	ST					
	GENERATOR: Camp Stanley Storage Act ADDRESS: 25800 Ralph Fair Road CITY/ST: Boerne, TX 78015 PHONE: 210-698-5208			tivity, US Army	I.D. #: 6 SITE LO CITY/ST:	9026	INRCC WC#: E SWMU B-2 SAME SAME	xempt .			
i		Attn: Brian K A	Aurphy		PHONE:						
	Description of	Waste Materials		Appro	al Numbe	f <u></u>	Quantity		Units		
	Soil from SWMU B-2			CG-255	91, C-7		18		Сү		
6	I hereby certify contain free liqu classified and p Brian K Murph Generator Auth	that the above de uids as defined by packaged, and are packaged Agent Nam	terials are not haz rt 260.10 or any ap ondition for transp	ardous was oplicable sta portation acc	tes as defin- ate law. Have cording to ap re	ed by 40 CFR F e been fully and plicable regulat	Part 261 a accurate ions.	and does not ly described, 2/ <u>/7/23</u> elivery Date			
[· · · · · · · · · · · · · · · · · · ·		TRANSPO	DRTER			·····			
	TRANSPORTER NAME: Felix Maldanado T ADDRESS: 11250 S Hwy 16 CITY/STATE: San Antonio, TX 78224			Trucking	DRIVER TRUCK N PHONE #	NAME(Print JUMBER: #: 210-6): <u> </u>	<u>e ß</u>	el		
	I hereby acknow to the disposal	wledge receipt of th facility listed below	ne above de v without in	escribed materials cident.	were receiv	ved from the	generator listed	l above a	nd delivered		
	ano	IN R. M	12,	17, 8.3	- Ok	man OD	Bool	12	2,17,0		
	Driver Signature	e	Shipm	nent Date	Driver S	Signature	pert_	De	livery Date		
[· · · · · · · · · · · · · · · · · · ·			DISPOSAL I	ACILITY						
	SITE NAME: Covel Gardens Landfill ADDRESS: 8611 Covel Road, San Antor			nio TX 78252	Pł F/	HONE NUM	BER: 210-623 #: H2093	-8800	1800		
	I hereby acknow Name of Author	wledge receipt of t <u>MNiS</u> rized Agent (Print)	he above c	escribed materials	s. Signatu	re Ge	hes	12 Re	- (7,63 Sceipt Date		
[Dr-Drum	C-Carton B	-Bag	P-Pounds	CY-Cı	ibic Yards	GL-Gallons	6			
1	White - Original	Blue - Disposer Re	etain (Audit)	Canary - Dispose	er Retain	Pink - Transı	oorter Retain	Gold - Gei	nerator Retain		

Covel Gardens Landfill Jos# 0431 0270 8611 Covel Road San Antonio TX 78252 Po # 8008635 210-623-8800 / 210-623-6791 Fax



NON-HAZARDOUS MANIFEST								
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Ac 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	tivity, US Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exe SWMU B-2 SAME SAME	mp†			
Description of	Waste Materials	Approv	al Number	Quantity	Units			
Soil from SW	WU B-2	<i>CG</i> -2559	1, C-7	18	Су			
I hereby certify contain free liqu çlassified and p Brian K Murph Generator Auth	that the above described mat ids as defined by 40 CFR Par ackaged, and are in proper c y orized Agent Name (Print)	erials are not haza t 260.10 or any app ondition for transpo	ardous wastes as definition plicable state law. Ha	ined by 40 CFR Par we been fully and ac applicable regulation	t 261 and does not courately described, is.			
		TRANSPO	RTER					
TRANSPORTER ADDRESS: CITY/STATE:	R NAME: Felix Maldanado 11250 S Hwy 16 San Antonio, TX 78224	Trucking	DRIVER NAME(Prir TRUCK NUMBER: PHONE #: 210-0	nt): <u>Ruber 70</u> <u>#37</u> 628-1605	Q Martin			
hereby acknow o the disposed f Diver Signature	ledge receipt of the above de acility listed below without inc	scribed materials wident. 7/ <u>63</u> ent Date	vere received from th	e generator listed at	Dove and delivered			
		DISPOSAL FA	ACILITY	· · · · · · · · · · · · · · · · · · ·				
SITE NAME: DDRESS:	Covel Gardens Landfill 8611 Covel Road, San Antor	nio TX 78252	PHONE NUN FACILITY I.D	/IBER: 210-623-88). #: H2093	00			
		scribed materials	$\cap \cap$	10				
hereby Aknow	receipt of the above de	rels	Signature	ehis	<u> </u>			
hereby acknow lame of Authori	Iedge receipt of the above de AMS zed Agent (Print)	P-Pounds	Signature	ehis	<u> (2, 17, 03</u> Receipt Date			



210-623-8800 / 210-623-6791 Fax



65189

Gold - Generator Retain

Pink - Transporter Retain

	NON	I-HAZARDOU	IS MANIFEST	·		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	y, US Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exer SWMU B-2 SAME SAME SAME	npt	
Description of	Waste Materials	Approv	al Number	Quantity	Units	
Soil from SWN	1U B-2	CG-2559	1, <i>C</i> -7	18	СУ	
Contain free liqui classified and pa <u>Brian K Murphy</u> Generator Autho	rized Agent Name (Print)	0.10 or any ap ion for transpo	plicable state law. Ha	applicable regulations	curately describe	
TRANSPORTER						
TRANSPORTER ADDRESS: CITY/STATE:	NAME: Felix Maldanado Truc 11250 S Hwy 16 San Antonio, TX 78224	king	DRIVER NAME(Pri TRUCK NUMBER: PHONE #: 210-	nt): <u>DowalsA</u> <u>323</u> 628-1605	HAYNES	
I hereby acknow to the disposal fa	edge receipt of the above describ acility listed below without incident August 131_171_ Shipment E	bed materials v t. <u>#3</u> Date	were received from th	he generator listed ab	ove and deliver	
		DIOI OCAL I				
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Antonio T	TX 78252	PHONE NU FACILITY I.I	MBER: 210-623-88 D. #: H2093	00	
I hereby acknow	ledge receipt of the above descri Setted Agent (Print)	bed materials.	Signature	ehr2	- 12,17,1 Receipt Date	
		Doundo				

Canary - Disposer Retain

White - Original

Blue - Disposer Retain (Audit)

c		$\left(\begin{array}{c} \\ \end{array} \right)$	65190
Covel Gardens Landfill 8611 Covel Road	Jos# 04310270		
San Antonio TX 78252 210-623-8800 / 210-623	Po-# 800 8635 3-6791 Fax	WASTE MANAG	EMENT, INC.

1

		NON	-HAZARDOL	JS MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley 25800 Ralph F Boerne, TX 78 210-698-5208 Atta: Baian K	Storage Activity, air Road 1015 Munnhy	, US Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exen SWMU B-2 SAME SAME	npt -
Description of	Waste Materials	s.	Approv	al Number	Quantity	Units
Soil from SWN	NU B-2		CG-2559	91, C-7	18	Сү
I hereby certify t contain free liqui classified and pa 2Brian K Murphy Generator Autho	hat the above de ds as defined by ackaged, and are , prized Agent Nar	escribed materials 40 CFR Part 260. in proper condition ne (Print)	are not haza .10 or any ap on for transpo	ardous wastes as defi plicable state law. Ha ortation according to Storiatore	ned by 40 CFR Part ve been fully and acc applicable regulations	261 and does no curately described s. <u>2 / 7 / 6</u> Delivery Date
· · · · · · · · · · · · · · · · · · ·			TRANSPO	PRTER		
TRANSPORTEF ADDRESS: CITY/STATE: I hereby acknow to the disposal fa	NAME: Felix 11250 S Hwy 1 San Antonio, 7 ledge receipt of acility listed befo	Maldanado Truck 6 X 78224 the above describe w without incident.	k ing ed materials	DRIVER NAME(Prin TRUCK NUMBER: PHONE #: 210- were received from th	628-1605	ove and delivered
Driver Signature	Maz	54 /2 //7/0 Shipment D	13 Date	Driver Signature	Marjen	Delivery Date
		[DISPOSAL F	ACILITY	. ~	· · · · · · · · · · · · · · · · · · ·
SITE NAME: ADDRESS:	Covel Gardens 8611 Covel Roc	Landfill Id, San Antonio T	X 78252	PHONE NUI FACILITY I.I	MBER: 210-623-88 D. #: H2093	00
I hereby acknow	ledge receipt/of	the above describ	bed materials	Signature		2 183 Receipt Date
Dr-Drum	C-Carton	B-Bag P-	Pounds	CY-Cubic Yards	GL-Gallons	

Canary - Disposer Retain

Pink - Transporter Retain

Gold - Generator Retain

1

White - Original

Blue - Disposer Retain (Audit)

K 37



Jas#04310270 Covel Gardens Landfill 8611 Covel Road Po # 8008635 San Antonio TX 78252 210-623-8800 / 210-623-6791 Fax



NON-HAZARDOUS MANIFEST Camp Stanley Storage Activity, US Army TNRCC WC#: Exempt ד # 69026 GENERATOR: 25800 Ralph Fair Road SWMU B-2 SITE LOCATION: ADDRESS: CITY/ST: Boerne, TX 78015 SAME PHONE: 210-698-5208 CITY/ST: SAME PHONE: Attn: Brian K Murphy **Description of Waste Materials Approval Number** Quantity Units 18 Soil from SWMU B-2 CG-25591, C-7 CУ

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

<u>Brian K Murphy</u>

Generator Authorized Agent Name (Print)

2117103 ature Delivery Date

TRANSPORTER

TRANSPORTER NAME: Felix Maldanado Trucking ADDRESS: 11250 S Hwy 16 CITY/STATE: San Antonio, TX 78224

Ha DRIVER NAME(Print): **TRUCK NUMBER:** PHONE #: 210-628-1605

ADZA

I hereby acknowledge receipt of the above described materials were received from the generator listed above and delivered to the disposal facility listed below without incident.

12,17,03 12 11/23 **Driver Signature** Shipment Date **Driver Signature Deliverv** Date **DISPOSAL FACILITY Covel Gardens Landfill** 210-623-8800 SITE NAME: PHONE NUMBER:

ADDRESS:

8611 Covel Road, San Antonio TX 78252

FACILITY I.D. #:

H2093

I hereby/acknowledge receipt of the above described materials.

Signature Receipt Date

Name of Authorized Agent (Print)

Dr-Drum	C-Carton	B-Bag	P-Pounds C	Y-Cubic Yards	GL-Gall	ons
White - Original	Blue - Dispos	ser Betain (Audit)	Canary - Disposer Beta	n Pink - Transpo	orter Betain	Gold - Generator Betain



ADDRESS: CITY/ST: PHONE:	25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 <u>Attn: Brian K Murphy</u>	CITY/ST: PHONE:	SWAU B-2 SAME SAME	
Description of	Waste Materials A	Approval Number	Quantity	Units
Soil from SWN	IU B-2 Ce	5-25591, C-7	18	Су
I hereby certify t contain free liqui classified and pa Brian K Murphy Generator Autho	hat the above described materials are no ds as defined by 40 CFR Part 260.10 or ackaged, and are in proper condition for prized Agent Name (Print)	ot hazardous wastes as de any applicable state law. H transportation according to	efined by 40 CFR Part lave been fully and according applicable regulations	261 and does no urately described
	TRA	NSPORTER		
TRANSPORTEF ADDRESS: CITY/STATE:	NAME: Felix Maldanado Trucking 11250 S Hwy 16 San Antonio, TX 78224	DRIVER NAME(P TRUCK NUMBER PHONE #: 210	rint): <u>Ricardi</u> : <u>315</u> 0-628-1605	Barron
I hereby acknow to the disposal fa	edge receipt of the above described mat acility listed below without incident.	terials were received from	the generator listed ab	ove and delivered
Driver Signature	Shipment Date	Driver Signature	Darron	Delivery Date
	DISPO		·	
-				
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Antonio TX 782	PHONE NU 52 FACILITY I	JMBER: 210-623-880 .D. #: H2093	00
I hereby acknow	ledge receipt of the above described ma NS Centres zed Agent (Print)	aterials.	elles	12/17/05 Receipt Date

Dr-Drum	C-Carton	B-Bag	P-Pounds	CY-	Cubic Yards	GL-Gallon	S
White - Original	Blue - Dispos	er Retain (Audit)	Canary - Dispose	r Retain	Pink - Transporte	r Retain	Gold - Generator Retain



	NON-HAZAR	DOUS MANIFEST		
GENERATOR:	Camp Stanley Storage Activity, US Arn	ny I.D. #: 69026	TNRCC WC#: Exemp	ł
ADDRESS:	25800 Ralph Fair Road	SITE LOCATION:	SWMU B-2	
CITY/ST:	Boerne, TX 78015		SAME	
PHONE:	210-698-5208	CITY/ST:	SAME	
	Attn: Brian K Murphy	PHONE:		
Description of	Waste Materials App	proval Number	Quantity	Units
Soil from SWI	NU B-2 CG-2	25591, C-7	18	Су
I hereby certify contain free liqu classified and p <u>Brian K Murph</u> Generator Autho	that the above described materials are not ids as defined by 40 CFR Part 260.10 or an ackaged, and are in proper condition for tra y orized Agent Name (Print)	hazardous wastes as def y applicable state law. Ha insportation according to somature	ined by 40 CFR Part 26 ave been fully and accur applicable regulations.	ately describe
	TRAN	SPORTER		/
TRANSPORTE ADDRESS: CITY/STATE:	R NAME: Felix Maldanado Trucking 11250 S Hwy 16 San Antonio, TX 78224	DRIVER NAME(Pri TRUCK NUMBER: PHONE #: 210-	nt): <u>Pan (</u> <u>-366</u> -628-1605	nsque
I hereby acknow to the disposal f Driver Signature	vledge receipt of the above described materiacility listed below without incident.	ials were received from th	ne generator listed abov	e and deliver 22272 Delivery Dat
	DISPOSA			
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Antonio TX 78252	PHONE NU FACILITY I.	MBER: 210-623-8800 D. #: H2093)
I hereby acknow	vledge receipt of the above described mate	rials.	5 Echel	12,17, 4 Receipt Date



	GENERATOR: ADDRESS: CITY/ST:	Camp Stank 25800 Ralp Boerne, TX	ey Storage Ad h Fair Road 78015	ctivity, US Army	I.D. #: 69026 SITE LOCATION:	TNRCC WC#: Exemp SWMU B-2 SAME	t
	PHONE:	210-698-52	08		CITY/ST: PHONE:	SAME	
	Description of	Waste Materi	als	Approv	val Number	Quantity	Units
	Soil from SWN	AU B-2		CG-2559	91, <i>C</i> -7	18	CY
ļ	I hereby certify t contain free liqui classified and pa Brian K Murphy Generator Autho	hat the above ds as defined ackaged, and prized Agent N	described ma by 40 CFR Pa are in proper o Jame (Print)	aterials are not haza art 260.10 or any ap condition for transp	ardous wastes as defipilicable state law. Ha ortation according to	ined by 40 CFR Part 2 we been fully and accu applicable regulations.	61 and does not rately described,
	[·		TRANSPO			
	L						
	TRANSPORTEF ADDRESS: CITY/STATE:	NAME: Fe 11250 S Hw San Antonio	lix Maldanado y 16 y, TX 78224	Trucking	DRIVER NAME(Print TRUCK NUMBER: PHONE #: 210-	nt): <u>R6ber 70 ()</u> <u>#</u> 3 19 628-1605	W(FR7/142
2	I hereby acknow to the disposal fa	ledge receipt acility listed be	of the above d alow without in	escribed materials cident. <u>203</u> nent Date	were received from the	e generator listed abov	ve and delivered
				-			
				DISPOSAL F	ACILITY		
	SITE NAME;	Covel Garde B611 Covel R	ns Landfill Road, San Anto	onio TX 78252	PHONE NUI FACILITY I.I	MBER: 210-623-8800 D. #: H2093)
	Name of Authori	zed Agent (Pr	of the above of the interview of the above of the interview of the intervi	described materials	S. Signature	AL	IZ (X,) Receipt Date
,	,						
	Dr-Drum	C-Carton	B-Bag	P-Pounds	CY-Cubic Yards	GL-Gallons	

Canary - Disposer Retain





65195

8611 Covel Road San Antonio TX 78252 Po # 8008/635 210-623-8800 / 210-623-6791 Fax

, d

Covel Gardens Landfill

		NON-HAZARD	OUS MANIFEST		
GENERATOF ADDRESS: CITY/ST: PHONE:	: Camp Stanley S 25800 Ralph Fa Boerne, TX 780 210-698-5208 Attn: Brian K M	torage Activity, US Army ir Road 15 urphy	/ I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exempt SWMU B-2 SAME SAME	-
Description of	of Waste Materials	Appr	oval Number	Quantity	Units
Soil from SV	/MU B-2	CG-25	591, C-7	18	СУ
I hereby certify contain free lic classified and 2-Brian K Murp Generator Aut	/ that the above des juids as defined by 4 packaged, and are in hy horized Agent Name	cribed materials are not ha 0 CFR Part 260.10 or any n proper condition for trans	azardous wastes as defi applicable state law. Ha sportation according to storature	ined by 40 CFR Part 26 we been fully and accura applicable regulations.	1 and does not ately described, 2/18/23 Delivery Date
		TRANSI	PORTER		
TRANSPORTE ADDRESS: CITY/STATE:	ER NAME: Felix M 11250 S Hwy 16 San Antonio, TX	aldanado Trucking 78224	DRIVER NAME(Prin TRUCK NUMBER: PHONE #: 210-	nt): <u>i); , , , , , , , , , , , , , , , , , , ,</u>	HAYKE
l hereby ackno to the disposal	wledge receipt of the facility listed below	above described material without incident.	ls were received from th	e generator listed above	e and delivered
Driver Signatur	A. Hupes	Shipment Date	Driver Signature	Huppes .	Delivery Date
		DISPOSAL	FACILITY	·	
SITE NAME: ADDRESS:	Covel Gardens La 8611 Covel Road,	ndfill San Antonio TX 78252	PHONE NUN FACILITY I.E	MBER: 210-623-8800 .#: H2093	
Name of Autho	viedge receipt of the rized Agent (Print)	above described materia	lls. Signature		2
Dr-Drum	C-Carton B-E	Bag P-Pounds	CY-Cubic Yards	GL-Gallons	
White - Original	Blue - Disposer Reta	in (Audit) Canary - Dispos	ser Retain Pink - Trans	sporter Retain Gold - G	enerator Retain



			NON-HAZARDO	US MANIFEST		
GENERATOR ADDRESS: CITY/ST: PHONE:	: Camp Stan 25800 Ral Boerne, TX 210-698-57 Attn: Brian	ley Storage A ph Fair Road (78015) 208 a K Murphy	ctivity, US Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exe SWMU B-2 SAME SAME	mpt
Description o	f Waste Mater	rials	Approv	val Number	Quantity	Units
Soil from SW	MU B-2		CG-2559	91, C-7	18	СУ
I hereby certify contain free liq classified and -Brian K Murp Generator Aut	v that the above uids as defined packaged, and hy horized Agent I	e described m I by 40 CFR P are in proper Name (Print)	aterials are not haz art 260.10 or any ag condition for transp	ardous wastes as defi oplicable state law. Ha portation according to a	ined by 40 CFR Par we been fully and ac applicable regulation	t 261 and does not courately described, ns. <u>12, 18, 23</u> Delivery Date
	<u></u>		TRANSPO	DRTER	·	
TRANSPORTE ADDRESS: CITY/STATE:	ER NAME: Fe 11250 S Hw San Antonio	elix Maldanad vy 16 o, TX 78224	o Trucking	DRIVER NAME(Prir TRUCK NUMBER: PHONE #: 210	nt): <u>Dati</u> <u>-3</u> 0 628-1605	'e Virge
I hereby ackno to the disposal	wledge receipt facility listed b	of the above of elow without in the second s	described materials ncident. <u>/}///3</u> ment Date	were received from th	he generator listed a	bove and delivered
			DISPOSAL F	FACILITY	····	
SITE NAME: ADDRESS:	Covel Garde 8611 Covel I	ens Landfill Road, San Ant	tonio TX 7 8252	PHONE NUI FACILITY I.[MBER: 210-623-8 D. #: H2093	300
I hereby ackno CLOTOT Name of Autho	wledge receipt	of the above	described materials	s. Signature	ute	Receipt Date

Canary - Disposer Retain

Covel Gardens Landfill Job # 04310270 8611 Covel Road San Antonio TX 78252 Po # 8008635 210-623-8800 / 210-623-6791 Fax

White - Original

Blue - Disposer Retain (Audit)

WASTE MANAGEMENT, INC.

65197

			NON-HAZARDO	US MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanie 25800 Ralph Boerne, TX 210-698-520 Atta: Brian	y Storage A Fair Road 78015 8 (Murphy	ctivity, US Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exe SWMU B-2 SAME SAME	empt
Description of	Waste Materia	lls	Appro	val Number	Quantity	Units
Soil from SW	WU B-2		<i>CG</i> -255	i91, C-7	18	CY
I hereby certify contain free liqu classified and p 2 <u>Brian K Murph</u> Generator Auth	that the above ids as defined b ackaged, and a y orized Agent Na	described ma by 40 CFR Pa re in proper ame (Print)	aterials are not haz art 260.10 or any a condition for transp	ardous wastes as def pplicable state law. Ha portation according to Semature	ined by 40 CFR Pa ave been fully and a applicable regulation	rt 261 and does in courately describe ns. <u>21181</u> Delivery Da
			TRANSPO	ORTER		
TRANSPORTEI ADDRESS: CITY/STATE:	R NAME: Feli 11250 S Hwy San Antonio,	ix Maldanado 16 TX 78224	o Trucking	DRIVER NAME(Pri TRUCK NUMBER: PHONE #: 210	nt): Gundalup 307 628-1605	e Cillarran
to the disposal f	acility listed bel	ow without in	ncident.	were received from th	ne generator listed a	bove and delive
Driver Signature	Villent	Shipr	nent Date	Dundeluge Driver Signature	Villand	12 18 0 Delivery Da
			DISPOSAL	FACILITY		
	······				· · · · · · · · · · · · · · · · · · ·	······
SITE NAME: ADDRESS:	Covel Garder 8611 Covel Ro	is Landfill Dad, San Ant	onio TX 78252	PHONĖ NU FACILITY I.	MBER: 210-623-8 D. #: H2093	800
Name of Author	ized Agent (Pri	of the above of th	described material	s. Signature	\sim	Receipt Dat
				,		

Canary - Disposer Retain

Pink - Transporter Retain

5. Jos# 04310270 Po# 8008635 Covel Gardens Landfill 8611 Covel Road San Antonio TX 78252 WASTE MANAGEMENT, INC. 210-623-8800 / 210-623-6791 Fax

l				NON-HAZARDO	US MANIFEST		
	GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanle 25800 Ralph Boerne, TX 210-698-52 Attn: Brian	y Storage Ad 1 Fair Road 78015 08 K Murñhy	ctivity, US Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exemp SWMU B-2 SAME SAME	†
	Description of	Waste Materia	als	Appro	val Number	Quantity	Units
	Soil from SWA	AU B-2		<i>CG</i> -255	91, C-7	18	Су
[]e	I hereby certify to contain free liquid classified and particular Brian K Murphy Generator Author	that the above ids as defined ackaged, and a	described ma by 40 CFR Pa are in proper o	iterials are not haz art 260.10 or any a condition for transp	cardous wastes as def pplicable state law. Ha portation according to	ined by 40 CFR Part 2 ave been fully and accu applicable regulations.	61 and does no rately described
		Jinzeu Agenii N	ame (i miii)	l'	Signature		Delivery Date
ſ		 		TRANSPO	ORTER		
	ADDRESS: CITY/STATE: I hereby acknow to the disposal fa <u>U</u> Driver Signature	11250 S Hwy San Antonio Iledge receipt c acility listed be	of the above d low without in	escribed materials cident. / /8/03 nent Date	TRUCK NUMBER: PHONE #: 210- were received from the Multiple of the second secon	628-1605 ne generator listed abov	/e and delivere
[DISPOSAL	FACILITY	· · · · · · · · · · · · · · · · · · ·	
	SITE NAME: ADDRESS:	Covel Gardeı 8611 Covel R	ns Landfill oad, San Anto	onio TX 78252	PHONE NUI FACILITY I.I	MBER: 210-623-8800 D. #: H2093)
7	Lhereby acknow	vledge receipt	of the above a	lescribed material	s. Signature	htt	2/8 Receipt Date
Γ	Dr-Drum	C-Carton	B-Bag	P-Pounds	CY-Cubic Yards	GL-Gallons	

Canary - Disposer Retain

Gold - Generator Retain

65198



Jas# 04310270 Po# 8008635

 Covel Gardens Landfill
 Jast

 8611 Covel Road
 San Antonio TX 78252
 Po #

 210-623-8800 / 210-623-6791 Fax
 Po #

1.



65199

	NON-HAZARDO	US MANIFEST		
GENERATOR ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity, US Army 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exen SWMU B-2 SAME SAME	ıpt
Description of	of Waste Materials Appro	val Number	Quantity	Units
Soil from SV	VMU B-2 CG-255	591, C-7	18	Сү
I hereby certify contain free lic classified and <u>Brian K Murp</u> Generator Aut	y that the above described materials are not had juids as defined by 40 CFR Part 260.10 or any a packaged, and are in proper condition for transp hy horized Agent Name (Print)	zardous wastes as def pplicable state law. Ha portation according to Signature	ined by 40 CFR Part ave been fully and acc applicable regulations	261 and does not surately described,
				j
	TRANSP	ORTER	· · · · · · · · · · · · · · · · · · ·	
TRANSPORT ADDRESS: CITY/STATE: I hereby acknow to the disposal Milling Driver Signatu	ER NAME: Felix Maldanado Trucking 11250 S Hwy 16 San Antonio, TX 78224 swledge receipt of the above described materials facility listed below without incident. Summer 12/18/03 facility listed below below below below below	DRIVER NAME(Pri TRUCK NUMBER: PHONE #: 210- s were received from the Driver Signature	nt): <u>Ki cardə</u> <u>315</u> 628-1605 ne generator listed abı Banı	Darron
	DIODOCAL	FA OIL 1737	·	
L	DISPOSAL	FACILITY		
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Antonio TX 78252	PHONE NUI FACILITY I.I	MBER: 210-623-88 0 D. #: H2093	00
Name of Author	pwledge receipt of the above described material	s. Signature		Receipt Date
Dr-Drum	C-Carton B-Bag P-Pounds	CY-Cubic Yards	GL-Gallons	
White - Original	Blue - Disposer Retain (Audit) Canary - Dispos	er Retain Pink - Trar	nsporter Retain Gold	- Generator Retain



		NON-HA	ZARDOU	JS MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley St 25800 Ralph Fai Boerne, TX 780 210-698-5208	rorage Activity, US r Road 15	5 Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exe SWMU B-2 SAME SAME	mpt
Description of	Waste Materials	rpny.	Approv	al Number	Quantity	Units
Soil from SWN	NU B-2		CG-2559	91, C-7	18	Су
I hereby certify t contain free liqui classified and pa Brian K Murphy	hat the above deso ds as defined by 4 ackaged, and are in ,	cribed materials are 0 CFR Part 260.10 n proper condition f	e not haza or any ap or transp	ardous wastes as defi oplicable state law. Ha ortation according to	ined by 40 CFR Par we been fully and ac applicable regulation	t 261 and does not curately described
Generator Author	prized Agent Name	(Print)		Agn ature	•	Delivery Date
				<u> </u>		
		Т	RANSPO	DRTER		
TRANSPORTER ADDRESS: CITY/STATE:	NAME: Felix M 11250 S Hwy 16 San Antonio, TX ledge receipt of the	aldanado Trucking 78224 e above described r	naterials	DRIVER NAME(Print TRUCK NUMBER: PHONE #: 210- were received from th	nt): 11.11.11.11.11.11.11.11.11.11.11.11.11.	Duch Bible of
	acility listed below			2	1.11	
puller	iell off	BIR B	_	Aller	Sullet	12/18/03
Driver Signature	-	Shipment Date		Driver Signature		Delivery Date
		DISI	POSAL F	ACILITY		
SITE NAME: ADDRESS:	Covel Gardens Lo 8611 Covel Road,	andfill San Antonio TX 7	8252	PHONE NU FACILITY I.I	MBER: 210-623-8 D. #: H2093	800
Name of Authori	zed Agent (Print)		materials	Signature	LU	12, K , 3 Receipt Date
Dr-Drum	C-Carton B-	Bag P-Pou	unds	CY-Cubic Yards	GL-Gallons	

Canary - Disposer Retain Pi



GENERATOR: Camp Stanley Storage Activity, US Army I.D. # ADDRESS: 25800 Ralph Fair Road SITE CITY/ST: Boerne, TX 78015 SITE PHONE: 210-698-5208 CITY/ Attn: Brian K Murphy PHON Description of Waste Materials Approval Num Soil from SWMU B-2 CG-25591, C-7 I hereby certify that the above described materials are not hazardous v contain free liquids as defined by 40 CFR Part 260.10 or any applicable classified and packaged, and are in proper condition for transportation Brian K Murphy Brian K Murphy Generator Authorized Agent Name (Print) Sign TRANSPORTER NAME: Felix Maldanado Trucking DRIVE ADDRESS: 11250 S Hwy 16 TRUC CITY/STATE: San Antonio, TX 78224 PHON	69026 TNRCC WC# LOCATION: SWMU B-2 SAME ST: SAME IE:	: Exempt
ADDRESS: 25800 Ralph Fair Road SITE CITY/ST: Boerne, TX 78015 PHONE: 210-698-5208 CITY/ Attn: Brian K Murphy PHON Description of Waste Materials Approval Num Soil from SWMU B-2 CG-25591, C-7 I hereby certify that the above described materials are not hazardous v contain free liquids as defined by 40 CFR Part 260.10 or any applicable classified and packaged, and are in proper condition for transportation Brian K Murphy Generator Authorized Agent Name (Print) TRANSPORTER NAME: Felix Maldanado Trucking ADDRESS: 11250 S Hwy 16 CITY/STATE: San Antonio, TX 78224 DESCRIPTION OF WASTER NAME: Felix Maldanado TYUCKING CITY/STATE: San Antonio, TX 78224 DESCRIPTION SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE SITE	LOCATION: SWMU B-2 SAME ST: SAME IE:	
CITY/ST: Boerne, TX 78015 PHONE: 210-698-5208 CITY/ Attn: Brian K Murphy PHON Description of Waste Materials Approval Num Soil from SWMU B-2 CG-25591, C-7 I hereby certify that the above described materials are not hazardous v contain free liquids as defined by 40 CFR Part 260.10 or any applicable classified and packaged, and are in proper condition for transportation Brian K Murphy Generator Authorized Agent Name (Print) TRANSPORTER NAME: Felix Maldanado Trucking ADDRESS: 11250 S Hwy 16 CITY/STATE: San Antonio, TX 78224 PHON	SAME ST: SAME IE:	
PHONE: 210-698-5208 CITY/ Attn: Brian K Murphy PHON Description of Waste Materials Approval Num Soil from SWMU B-2 CG-25591, C-7 I hereby certify that the above described materials are not hazardous v contain free liquids as defined by 40 CFR Part 260.10 or any applicable classified and packaged, and are in proper condition for transportation Brian K Murphy Generator Authorized Agent Name (Print) TRANSPORTER NAME: Felix Maldanado Trucking DRIVE ADDRESS: 11250 S Hwy 16 TRUC CITY/STATE: San Antonio, TX 78224 PHON	ST: SAME IE:	
Attn: Brian K Murphy PHON Description of Waste Materials Approval Num Soil from SWMU B-2 CG-25591, C-7 I hereby certify that the above described materials are not hazardous v contain free liquids as defined by 40 CFR Part 260.10 or any applicable classified and packaged, and are in proper condition for transportation Brian K Murphy TRANSPORTER Generator Authorized Agent Name (Print) TRANSPORTER TRANSPORTER NAME: Felix Maldanado Trucking DRIVE ADDRESS: 11250 S Hwy 16 TRUC CITY/STATE: San Antonio, TX 78224 PHON	IE:	
Description of waste Materials Approval Num Soil from SWMU B-2 CG-25591, C-7 I hereby certify that the above described materials are not hazardous v CG-25591, C-7 I hereby certify that the above described materials are not hazardous v contain free liquids as defined by 40 CFR Part 260.10 or any applicable classified and packaged, and are in proper condition for transportation Brian K Murphy Generator Authorized Agent Name (Print) CG-25591, C-7 TRANSPORTER NAME: Felix Maldanado Trucking DRIVE ADDRESS: 11250 S Hwy 16 TRUC CITY/STATE: San Antonio, TX 78224 PHON		····
Soil from SWMU B-2 CG-25591, C-7 I hereby certify that the above described materials are not hazardous v contain free liquids as defined by 40 CFR Part 260.10 or any applicable classified and packaged, and are in proper condition for transportation Brian K Murphy Generator Authorized Agent Name (Print) TRANSPORTER NAME: Felix Maldanado Trucking ADDRESS: 11250 S Hwy 16 CITY/STATE: San Antonio, TX 78224	ber Quantity	Units
I hereby certify that the above described materials are not hazardous v contain free liquids as defined by 40 CFR Part 260.10 or any applicable classified and packaged, and are in proper condition for transportation Brian K Murphy Generator Authorized Agent Name (Print) TRANSPORTER TRANSPORTER NAME: Felix Maldanado Trucking ADDRESS: 11250 S Hwy 16 CITY/STATE: San Antonio, TX 78224 DHON	18	Су
TRANSPORTER NAME: Felix Maldanado Trucking DRIVE ADDRESS: 11250 S Hwy 16 TRUC CITY/STATE: San Antonio, TX 78224 PHON	vastes as defined by 40 CFF state law. Have been fully an according to applicable regu	Part 261 and does not nd accurately described, lations.
TRANSPORTER NAME: Felix Maldanado Trucking DRIVE ADDRESS: 11250 S Hwy 16 TRUC CITY/STATE: San Antonio, TX 78224 PHON		
TRANSPORTER NAME:Felix Maldanado TruckingDRIVEADDRESS:11250 S Hwy 16TRUCCITY/STATE:San Antonio, TX 78224PHON		
	R NAME(Print): K NUMBER: E #: 210-628-1605	enry Ros
hereby acknowledge receipt of the above described materials were rec to the disposal facility listed below without incident.	ceived from the generator list	ed above and delivered
Driver Signature Shipment Date Drive	r Signature	Delivery Date
DISPOSAL FACILITY	/	
SITE NAME: Covel Gardens Landfill ADDRESS: 8611 Covel Road, San Antonio TX 78252	PHONE NUMBER: 210-62 FACILITY I.D. #: H209	23-8800 3
hereby acknowledge receipt of the above described materials.		12,18,
		neceipt Date
Dr-Drum C-Carton B-Bag P-Pounds CY		ı
	Cubic Yards GL-Gallo	ns

	L	
Covel Gardens Landfill	Jost	04310270
8611 Covel Road		
San Antonio TX 78252	po #	8008635
210-623-8800 / 210-623	-6791 Fax	

Constant Constant ſ



65202

		NON-HAZARD	OUS MANIFEST		
GENERATO ADDRESS: CITY/ST:	R: Camp Stanley Stor 25800 Ralph Fair F Boerne, TX 78015	rage Activity, US Army Road	I.D. #: 69026 SITE LOCATION:	TNRCC WC#: Ex SWMU B-2 SAME	empt
PHONE:	210-698-5208		CITY/ST:	SAME	
Description	Attn: Brian K Murj	hyAppr	PHONE:	Quantity	Unite
Description				Quantity	Onits
Soil from S	WMU B-2	CG-25	591 <i>, C</i> -7	18	Су
I hereby cert contain free classified an 2 Brian K Mur Generator A	ify that the above descril liquids as defined by 40 (d packaged, and are in p phy uthorized Agent Name (F	bed materials are not ha CFR Part 260.10 or any proper condition for trans Print)	azardous wastes as de applicable state law L sportation according to Structure	afined by 40 CFR Pa lave been fully and a papplicable regulation	art 261 and does not accurately described, ons Delivery Date
		TRANS	PORTER	· · · · · · · · · · · · · · · · · · ·	
		· · · · · · · · ·			M
ADDRESS:	11250 S Hwy 16	danado Trucking R224	TRUCK NUMBER	101): <u>JOF, i</u> : <u>303</u>)-628-1605	
I hereby ack	nowledge receipt of the a	bove described materia	ls were received from	the generator listed	above and delivered
to the dispos	Ser Multure		Til	Madded	12-18-18
Driver Signa	ture	Shipment Date	Driver Signature		Delivery Date
		DISPOSAL	- FACILITY		
SITE NAME: ADDRESS:	Covel Gardens Lan 8611 Covel Road, S	dfill an Antonio TX 78252	PHONE NU FACILITY	JMBER: 210-623- I.D. #: H2093	8800
I hereby ack	nowledge receipt of the a	above described materia	als. Signature	Phil	Receipt Date
Dr-Drum	C-Carton B-Ba	ig P-Pounds	CY-Cubic Yard	ds GL-Gallons	
White - Original	Blue - Disposer Betain	(Audit) Canary - Dispo	oser Retain Pink - Tr	ansporter Retain G	old - Generator Retain



	NO	N-HAZARDOU	S MANIFEST		
GENERATOR: ADDRESS:	ENERATOR: Camp Stanley Storage Activ DDRESS: 25800 Ralph Fair Road		I.D. #: 69026 SITE LOCATION:	TNRCC WC#: Exe SWMU B-2	mpt
PHONE	210-609-5209		CITV/ST·	SAME	
	Attn: Brian K Murnhy		PHONE:	SAME	
Description of	Waste Materials	Approva	al Number	Quantity	Units
Soil from SWN	NU B-2	<i>CG</i> -2559	1, C-7	_18_	СУ
hereby certify t ontain free liqui lassified and pa <u>Brian K Murphy</u> Generator Autho	hat the above described material ds as defined by 40 CFR Part 260 ackaged, and are in proper condit prized Agent Name (Print)	s are not haza 0.10 or any app ion for transpo	rdous wastes as defi blicable state law. Ha intation according to be for the state state state state state before the state st	ined by 40 CFR Part we been fully and ac applicable regulation	t 261 and does n curately describe s. <u>12/18/ c</u> Delivery Date
		TBANSPOL			
RANSPORTEF DDRESS: DTY/STATE:	NAME: Felix Maldanado Truc 11250 S Hwy 16 San Antonio, TX 78224	sking	DRIVER NAME(Prin TRUCK NUMBER: PHONE #: 210-	nt): DAVIL	AYALA
hereby acknow the disposal fa	ledge receipt of the above describ acility listed below without inciden <u> </u>	bed materials v t. <u>の3</u> Date	vere received from th	ne generator listed al	Dove and delivere
• •		DISPOSAL F			
	Coval Candena Landfill				
ITE NAME: DDRESS:	8611 Covel Road, San Antonio 7	TX 78252	PHONE NUI FACILITY I.I	MBER: 210-623-88 D. #: H2093	300
hereby acknew	ledge receipt of the above descri	bed materials.	A		12,18,
tame of Authori	zed Agent (Print)		Signature		Receipt Date
	·				
r-Drum (C-Carton B-Bag P	-Pounds	CY-Cubic Yards	GL-Gallons	

Jos # 24310270 Po# 8008635 Covel Gardens Landfill 8611 Covel Road San Antonio TX 78252 210-623-8800 / 210-623-6791 Fax



65204

	N	ON-HAZARDO	JS MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activ 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208	ity, US Army	I.D. #: 69026 SITE LOCATION: CITY/ST:	TNRCC WC#: Exempt SWMU B-2 SAME SAME	
Description of	— Attn: Brian K Murphy Waste Materials	Approv	/al Number	Quantity	Units
Soil from SWA	NU B-2	CG-2559	91, C-7	18	СУ
I hereby certify to contain free liquic classified and particular Brian K Murphy Generator Author	hat the above described materi ds as defined by 40 CFR Part 2 ackaged, and are in proper con prized Agent Name (Print)	als are not haza 260.10 or any ap dition for transp	ardous wastes as definition of the state law. Hat ortation according to according t	ined by 40 CFR Part 26 ave been fully and accura applicable regulations.	1 and does no ately described <u>12, 18, 03</u> Delivery Date
		TRANSPO	DRTER		
TRANSPORTER ADDRESS: CITY/STATE:	R NAME: Felix Maldanado Tr 11250 S Hwy 16 San Antonio, TX 78224	ucking	DRIVER NAME(Pri TRUCK NUMBER: PHONE #: 210-	nt): <u>Manuel</u> 324 628-1605	Mayen
I hereby acknow to the disposal fi <i>Auture</i> Driver Signature	ledge receipt of the above desc acility listed below without incide Margin 12/25 Shipmen	ribed materials ent. 7/ <u>03</u> t Date	were received from the	ne generator listed above	e and delivered
		DISPOSAL F	ACILITY		
SITE NAME: ADDRESS: I hereby acknow Name of Authori	Covel Gardens Landfill 8611 Covel Road, San Antonic ledge receipt of the above des zed Agent (Print)	TX 78252	PHONE NUI FACILITY I Signature	MBER: 210-623-8800 D. #: H2093	Receipt Date
Dr-Drum	C-Carton B-Bag	P-Pounds	CY-Cubic Yards	GL-Gallons	
White - Original	Blue - Disposer Retain (Audit)	Canary - Dispose	r Retain Pink - Trar	nsporter Retain Gold -	Generator Retain



Jas# 04310270 Covel Gardens Landfill 8611 Covel Road San Antonio TX 78252 210-623-8800 / 210-623-6791 Fax

>



65205

		NON-F	IAZARDOU	S MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley S 25800 Ralph Fo Boerne, TX 780 210-698-5208 Attn: Brian K M	itorage Activity, (ur Road)15 urphy	JS Ármy	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exempt SWMU B-2 SAME SAME	
Description of	Waste Materials		Approva	al Number	Quantity	Units
Soil from SWA	AU B-2		<i>CG</i> -2559:	l, <i>C</i> -7	18	СУ
I hereby certify t contain free liqui classified and pa Brian K Murphy	that the above des ids as defined by 4 ackaged, and are	Scribed materials a 10 CFR Part 260.10 in proper condition	re not hazar 0 or any app 1 for transpo	rdous wastes as defi blicable state law. Ha rtation according to a	ned by 40 CFR Part 26 ve been fully and accura applicable regulations.	and does not ately described
Generator Autho	orized Agent Name	e (Print)		Stanature		Delivery Date
			TRANSPOR	RTER		
TRANSPORTEF ADDRESS: CITY/STATE: I hereby acknow	NAME: Felix A 11250 S Hwy 16 San Antonio, T> ledge receipt of th	Aaldanado Truckir (78224 e above described	ng I materials w	DRIVER NAME(Prir TRUCK NUMBER: PHONE #: 210 -1 vere received from th	nt): <u>Joe Ban</u> <u>313</u> 628-1605 e generator listed above	and delivere
to the disposal fa	acility listed below	yrithout incident.	3 (Diver Signature	it	2 / 18/0 Delivery Date
						Donvery Date
		DI	SPOSAL FA	CILITY		
SITE NAME: ADDRESS:	Covel Gardens L 8611 Covel Road	andfill , San Antonio TX	78252	PHONE NUM FACILITY I.E	MBER: 210-623-8800). #: H2093	
I hereby acknow	ledge receipt of the second se	e above described	d materials.	Signature	/n	Receipt Date
Dr-Drum (C-Carton B-	Bag P-Po	ounds	CY-Cubic Yards	GL-Gallons	
	Disc. Disc. D.					

Pink - Transporter Retain

Jos# 04310270

 Covel Gardens Landfill
 Jost

 8611 Covel Road
 San Antonio TX 78252
 Po#

 210-623-8800 / 210-623-6791 Fax
 Po

White - Original

Blue - Disposer Retain (Audit)



65206

		NON-HAZARDO	US MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208	Activity, US Army	I.D. #: 69026 SITE LOCATION: CITY/ST:	TNRCC WC#: Exer SWMU B-2 SAME SAME	npt
Description of	Attn: Brian K Murphy Waste Materials	Appro	val Number	Quantity	Units
Soil from SWN	IU B-2	CG-255	91, C-7	18	СУ
I hereby certify t contain free liqui classified and pa Brian K Murphy Generator Autho	hat the above described r ds as defined by 40 CFR ackaged, and are in prope prized Agent Name (Print)	naterials are not haz Part 260.10 or any a pr condition for transp	zardous wastes as def pplicable state law. Ha portation according to	ined by 40 CFR Part we been fully and acc applicable regulation	261 and does in curately describe s. <u>72/18/0</u> Delivery Da
	·····	TRANSPO	ORTER	······	
TRANSPORTEF ADDRESS: CITY/STATE:	NAME: Felix Maldana 11250 S Hwy 16 San Antonio, TX 78224	do Trucking	DRIVER NAME(Pri TRUCK NUMBER: PHONE #: 210-	nt): <u> </u>	H Bell
l hereby acknow to the disposal fa	ledge receipt of the above acility listed below without	e described materials incident.	were received from the	ne generator listed at	ove and delive
Jennel Dryfer Signature	Beef 12 Shi	/ <u>/ 8 03</u> pment Date	<u>Gemel</u> Diver Signature	Beef.	1 <u>2 18 18</u> Delivery Da
		DISPOSAL	FACILITY		
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Ai ledge receipt of the abov	ntonio TX 78252 e described-material	PHONE NU FACILITY I	MBER: 210-623-88 7. #: H2093	00
Name of Authori	zed Ågent (Print)		Signature	,	Receipt Dat
		D. Davida	CV Ouble Verd		,_,_,_

Canary - Disposer Retain

Pink - Transporter Retain



L	NON	I-HAZARDOL	JS MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	ı, US Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exe SWMU B-2 SAME SAME	npt
Description of	Waste Materials	Approv	al Number	Quantity	Units
Soil from SWI	NU B-2	<i>CG</i> -2559	91, C-7	_18	Су
I hereby certify contain free liqu classified and p <u>Brian K Murph</u> Generator Auth	that the above described materials ids as defined by 40 CFR Part 260 ackaged, and are in proper conditi y orized Agent Name (Print)	are not haza 0.10 or any ap on for transpo	ardous wastes as defipilicable state law. Ha ortation according to Stomature	ined by 40 CFR Part we been fully and ac- applicable regulation	261 and does no curately described s. <u>72 / 1872</u> Delivery Date
	· · · · · · · · · · · · · · · · · · ·	TRANSPO	PRTER		
TRANSPORTER ADDRESS: CITY/STATE:	R NAME: Felix Maldanado Truc 11250 S Hwy 16 San Antonio, TX 78224	king	DRIVER NAME(Pri TRUCK NUMBER: PHONE #: 210 -	nt): <u>Rober 10 (</u> 	2Minnten
I hereby acknow to the disposal f Driver Signature	veldge receipt of the above describ acility listed below without incident	ed materials v O	were received from the	e generator listed at	ove and delivered کر (کہ ہزار) Delivery Date
		DISPOSAL F	ACILITY		·
	Covel Gardens Landfill		PHONE NU	MBER 210-623-88	00
SITE NAME: ADDRESS:	8611 Covel Road, San Antonio T.	X 78252	FACILITY I.	D. #: H2093	
SITE NAME: ADDRESS:	8611 Covel Road, San Antonio T	X 78252 Ded materials.	FACILITY I.I	D. #: H2093	Receipt Date



Covel Gardens Landfill 105 # 0937 4 8611 Covel Road San Antonio TX 78252 Pot 80086 35 210-623-8800 / 210-623-6791 Fax

WASTE MANAGEMENT. INC.

65208

NON-HAZARDOUS MANIFEST GENERATOR: Camp Stanley Storage Activity, US Army I.D. #: 69026 TNRCC WC#: Exempt ADDRESS: SITE LOCATION: SWMU B-2 25800 Ralph Fair Road CITY/ST: Boerne, TX 78015 SAME PHONE: CITY/ST: 210-698-5208 SAME PHONE: Attn: Brian K Murphy Description of Waste Materials **Approval Number** Quantity Units 18 Soil from SWMU B-2 CG-25591, C-7 СУ

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, glassified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murphy

Generator Authorized Agent Name (Print)

8103 fattature Delivery Date

TRANSPORTER ·· 17800 TRANSPORTER NAME: Felix Maldanado Trucking DRIVER NAME(Print): ADDRESS: TRUCK NUMBER: 11250 S Hwy 16 07 CITY/STATE: PHONE #: San Antonio, TX 78224 210-628-1605 I hereby acknowledge receipt of the above described materials were received from the generator listed above and delivered to the disposal facility listed below without incident. 1-180 Shipment Date **Delivery Date** Driver Signature **Driver Signature DISPOSAL FACILITY** SITE NAME: Covel Gardens Landfill PHONE NUMBER: 210-623-8800 ADDRESS: 8611 Covel Road, San Antonio TX 78252 FACILITY I.D. #: H2093 I hereby acknowledge receipt of the above described materials. Name of Authorized Agent (Print) Signature Receipt Date

Dr-Drum C-Carton **B-Bag P-Pounds CY-Cubic Yards GL-Gallons** White - Original Blue - Disposer Retain (Audit) Canary - Disposer Retain Pink - Transporter Retain Gold - Generator Retain

Jas# 04310270 Po# 8008635 Covel Gardens Landfill 8611 Covel Road San Antonio TX 78252 210-623-8800 / 210-623-6791 Fax



65209

NON-HAZARDOUS MANIFEST Camp Stanley Storage Activity, US Army I.D. #: 69026 TNRCC WC#: Exempt **GENERATOR:** 25800 Ralph Fair Road ADDRESS: SITE LOCATION: SWMU B-2 Boerne, TX 78015 CITY/ST: SAME PHONE: 210-698-5208 CITY/ST: SAME Attn: Brian K Murphy PHONE: **Description of Waste Materials Approval Number** Quantity Units 18 Soil from SWMU B-2 CG-25591, C-7 CУ

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murphy

Generator Authorized Agent Name (Print)

TRANSPORTER

TRANSPORTER NAME: Felix Maldanado Trucking ADDRESS: 11250 S Hwy 16 CITY/STATE: San Antonio, TX 78224

DRIVER NA	ME(Print):	h dhian
TRUCK NUM	/IBER:	3.
PHONE #:	210-628	-1605

Pink - Transporter Retain

Zuchk hr 1=

I hereby acknowledge receipt of the above described materials were received from the generator listed above and delivered to the disposal facility listed below without incident.

12/18/23

Blue - Disposer Retain (Audit)

Driver Signature

White - Original

Shipment Date

Driver Signature

Delivery Date

Gold - Generator Retain

2118103

Delivery Date

DISPOSAL FACILITY Covel Gardens Landfill SITE NAME: PHONE NUMBER: 210-623-8800 ADDRESS: 8611 Covel Road, San Antonio TX 78252 FACILITY I.D. #: H2093 I hereby acknowledge receipt of the above described materials, Name of Authorized Agent (Print) Receipt Date **Dr-Drum C-Carton B-Bag P-Pounds CY-Cubic Yards GL-Gallons**

Canary - Disposer Retain



65210

WASTE MANAGEMENT, INC.

8611 Covel Road San Antonio TX 78252 Po # 800 8635 210-623-8800 / 210-623-6791 Fax

		N	ON-HAZARDOL	JS MANIFEST		· · · · · · · · · · · · · · · · · · ·
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley 25800 Ralph Boerne, TX 7 210-698-520	v Storage Activ Fair Road 18015 8	vity, US Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE	TNRCC WC#: Ex SWMU B-2 SAME SAME	empt
Description of	Waste Materia	- Murpny Is	Approv	al Number	Quantity	Units
Soil from SWN	U B-2		<u>C</u> G-2559	91, <i>C</i> -7	18	СУ
I hereby certify t contain free liqui classified and pa	hat the above o ds as defined b ckaged, and a	lescribed mater y 40 CFR Part : re in proper cor	ials are not haza 260.10 or any ap Idition for transpo	ardous wastes as defi plicable state law. Ha ortation according to	ned by 40 CFR Pa ve been fully and a applicable regulatio	art 261 and does no accurately described ons.
² Brian K Murphy				htter	alla	12,1810
Generator Autho	rized Agent Na	me (Print)		Stotlature		Delivery Date
			TRANSPO	RTER		
TRANSPORTER ADDRESS: CITY/STATE:	NAME: Feli: 11250 S Hwy San Antonio,	(Maldanado Ti 16 TX 78224	rucking	DRIVER NAME(Prin TRUCK NUMBER: PHONE #: 210-	nt): <u>(2011) 196</u> 628-1605	32p
I hereby acknowl to the disposal fa	edge receipt of acility listed belo	the above desc w without incid 1218 Shipmer	cribed materials lent. / nt Date	were received from th <u> </u>	e generator listed	above and delivered ノンノ <i>と</i> ノの Delivery Date
			DISPOSAL F	ACILITY		
SITE NAME: ADDRESS:	Covel Garden 8611 Covel Ro	s Landfill ad, San Antoni	o TX 78252	PHONE NUI FACILITY I.I	MBER: 210-623- 8). #: , H2093	3800
	edge receipt o	the above des	cribed materials	< M	21	2 18,
Name of Authoria	zed Agent (Prin	t) V		Signature		Receipt Date
Dr-Drum (C-Carton	B-Bag	P-Pounds	CY-Cubic Yards	Gi -Gallone	



			NON-HAZARDOU	IS MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stan 25800 Ralp Boerne, TX 210-698-52	ley Storage Ad h Fair Road (78015 208	ctivity, US Army	I.D. #: 69026 SITE LOCATION: CITY/ST:	TNRCC WC#: Exem SWMU B-2 SAME SAME)
Description of	Waste Mater	ials	Approv	al Number	Quantity	Units
Soil from SWN	\U B-2	· · · · · · · · · · · · · · · · · · ·	<i>CG</i> -2559	91, <i>C</i> -7	18	CY
l hereby certify t contain free liqui classified and pa	hat the above ds as defined ickaged, and	e described ma by 40 CFR Pa are in proper	aterials are not haza art 260.10 or any ap condition for transpo	ardous wastes as definition plicable state law. Ha	ined by 40 CFR Part 2 we been fully and accu applicable regulations.	261 and does not irately described,
Brian K Murphy	,			he Har		1218/03
Generator Autho	rized Agent N	Name (Print)		Signature	_	Delivery Date
	<u> </u>		TRANSPO	RTER		
TRANSPORTEF ADDRESS: CITY/STATE:	NAME: Fe 11250 S Hw San Antonio	lix Maldanado y 16 o, TX 78224	Trucking	DRIVER NAME(Print TRUCK NUMBER: PHONE #: _210-	nt): <u>Kicurd</u> 315 628-1605	Burron
I hereby acknow to the disposal fa	edge receipt acility listed b	of the above d elow without in	lescribed materials v cident.	were received from th	ne generator listed abo	ve and delivered
Kuaut	De		18/103	Munch	Bar	12 118 103
Driver Signature	-	Shipr	nent Date	Driver Signature		Delivery Date
			DISPOSAL F	ACILITY		
SITE NAME: ADDRESS:	Covel Garde 8611 Covel F	ens Landfill Road, San Ant	onio TX 78252	PHONE NUI FACILITY I.I	MBER: 210-623-880 D. #: H2093	0
I hereby acknow	edge receipt	of the above	described materials.	Signature	elle	<u>12,18,18</u> Receipt Date
Dr-Drum (C-Carton	B-Bag	P-Pounds	CY-Cubic Yards	GL-Gallons	

Canary - Disposer Retain Pink - Transporter Retain

White - Original

Blue - Disposer Retain (Audit)



	L	NON-H	ON-HAZARDOUS MANIFEST				
	GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity, 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	US Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exe SWMU B-2 SAME SAME	mpt	
	Description of V	Waste Materials	Approva	al Number	Quantity	Units	
	Soil from SWM	U B-2	CG-2559	1, C-7	_18_	Су	
<i>a</i>	I hereby certify th contain free liquid classified and pa Brian K Murphy Generator Autho	hat the above described materials a ds as defined by 40 CFR Part 260.1 ckaged, and are in proper condition rized Agent Name (Print)	are not haza 0 or any app n for transpo	rdous wastes as defi plicable state law. Ha prtation according to according to acco	ined by 40 CFR Part we been fully and ac applicable regulation	t 261 and does not curately described, s. <u>218183</u> Delivery Date	
			TRANSPO	RTER			
	TRANSPORTER ADDRESS: CITY/STATE:	NAME: Felix Maldanado Trucki 11250 S Hwy 16 San Antonio, TX 78224	ng	DRIVER NAME(Prin TRUCK NUMBER: PHONE #: 210-	nt): <i>Cundolupe</i> <u>307</u> 628-1605	- Villovaar (
4	I hereby acknowl to the disposal fa	edge receipt of the above described acility listed below without incident. <u>a UUC 12,18,0</u> Shipment Da	d materials v <u>3</u> te	vere received from th Directory	e generator listed al	Delivery Date	
[D	ISPOSAL F	ACILITY			
	SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Antonio TX	78252	PHONE NUI FACILITY I.[MBER: 210-623-88 D. #: H2093	300	
	I hereby acknowl	edge receipt of the above describe	ed materials. 		is Golu	Receipt Date	

Dr-Drum	C-Carton	B-Bag	P-Pounds	CY-Cubic Yards	GL-Gallons	

White - Original

Canary - Disposer Retain

er Retain Pink

65213

Jos # 04310270 Po # 8008635 Covel Gardens Landfill 8611 Covel Road San Antonio TX 78252 210-623-8800 / 210-623-6791 Fax

وسيسيد .

WASTE MANAGEMENT, INC.

	NON-HA	ZARDOU			
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity, U 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Atta: Paian K Mumphy	S Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exe SWMU B-2 SAME SAME	mpt
Description of V	Vaste Materials	Approv	al Number	Quantity	Units
Soil from SWM	J B-2	<i>CG</i> -2559	1, C-7	18	Сү
Sentain field and pace Brian K Murphy Generator Author	ized Agent Name (Print)	for transpo	Signature	applicable regulation	S. <u>12 15 a</u> Delivery Date
	T	RANSPO	RTER		
TRANSPORTER ADDRESS: CITY/STATE:	NAME: Felix Maldanado Trucking 11250 S Hwy 16 San Antonio, TX 78224	9	DRIVER NAME(Pri TRUCK NUMBER: PHONE #: 210-	nt): <u>Helleri</u> 628-1605	(RIOS
hereby acknowle to the disposal fac Driver Signature	udge receipt of the above described i cility listed below without incident. Durfue 12/18/03 Shipment Date	materials v —	vere received from # Multiple Driver Signature	The generator listed al	Dove and delivere
	DIS	POSAL F	ACILITY		
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Antonio TX 7	8252	PHONE NU FACILITY I.I	MBER: 210-623-8 8 D. #: H2093	300
hereby acknowle	edge receipt of the above described	materials.	Signature	ehres	<u>12 / 18 705</u> Receipt Date
	·				

Canary - Disposer Retain

Covel Gardens Landfill Jos # 04310270 8611 Covel Road San Antonio TX 78252 Po # 8008635 210-623-8800 / 210-623-6791 Fax



65214

				NON-HAZARDO	US MANIFEST		
	GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanle 25800 Ralph Boerne, TX 210-698-520 Attn: Brian	y Storage Ác 1 Fair Road 78015 08 6 Murphy	tivity, US Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Ex SWMU B-2 SAME SAME	empt
	Description of	Waste Materia	als	Appro	val Number	Quantity	Units
	Soil from SWN	AU B-2		<i>CG</i> -255	91, C-7	18	СУ
/	I hereby certify t contain free liqui , classified and pa	that the above ids as defined l ackaged, and a	described mat by 40 CFR Pa are in proper c	erials are not haz t 260.10 or any a ondition for transp	ardous wastes as de oplicable state law. H portation according to	fined by 40 CFR Pa ave been fully and a applicable regulatio	art 261 and does not accurately described,
Þ	Brian K Murphy	/			Jel Von	- AR	12,18,03
	Generator Autho	orized Agent N	ame (Print)		Signature		Delivery Date
				TRANSPO	DRTER		·····
	TRANSPORTEF ADDRESS: CITY/STATE:	R NAME: Fel 11250 S Hwy San Antonio,	ix Maldanado 16 TX 78224	Trucking	DRIVER NAME(Pr TRUCK NUMBER: PHONE #: 210	int): <u>David</u> -628-1605	DAYALA
	I hereby acknow to the disposal fa Driver Signature	ledge receipt c acility listed be	of the above de low without ind <u>/ 2-/ /</u> Shipm	escribed materials cident. <u>後 / のう</u> ent Date	were received from t	the generator listed a	above and delivered
ĺ	[DISPOSAL	ACILITY	· · · · ·	
	SITE NAME: ADDRESS:	Covel Garder 8611 Covel R	ns Landfill oad, San Anto	nio TX 78252	PHONE NU	имвея: / 210-623-8 .D. #: H2093 Л	3800
,	Name of Authori	zed Agent (Pri	of the above d	eschibed materials	s. Signature	L	Receipt Date
[Dr-Drum	C-Carton	B-Bag	P-Pounds	CY-Cubic Yard	s GL-Gallons	
Ľ	White - Original	Blue - Disposer	Retain (Audit)	Canary - Dispos	er Retain Pink - Tra	ansporter Retain G	old - Generator Retain

Jas# 04310270

Covel Gardens Landfill po# 8008635 8611 Covel Road San Antonio TX 78252 210-623-8800 / 210-623-6791 Fax



65215

NON-HAZARDOUS MANIFEST Camp Stanley Storage Activity, US Army GENERATOR: I.D. #: 69026 TNRCC WC#: Exempt ADDRESS: 25800 Ralph Fair Road SITE LOCATION: SWMU B-2 CITY/ST: Boerne, TX 78015 SAME PHONE: 210-698-5208 CITY/ST: SAME Attn: Brian K Murphy PHONE: **Description of Waste Materials Approval Number** Quantity Units Soil from SWMU B-2 18 CG-25591. C-7 CУ I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. Brian K Murphy 2178-103 Generator Authorized Agent Name (Print) **Delivery Date** TRANSPORTER TRANSPORTER NAME: Felix Maldanado Trucking DRIVER NAME(Print): ADDRESS: 11250 S Hwy 16 TRUCK NUMBER: CITY/STATE: San Antonio, TX 78224 PHONE #: 210-628-1605 I hereby acknowledge receipt of the above described materials were received from the generator listed above and delivered sposal facility listed below without incident. to the d /2/18/03 Shipment Date 2 / 8 / 83 Delivery Date river Signature Signatu **DISPOSAL FACILITY** Covel Gardens Landfill SITE NAME: PHONE NUMBER: 210-623-8800 ADDRESS: 8611 Covel Road, San Antonio TX 78252 FACILITY I.D. #: H2093 I hereby ackingwledge.redeipt of the above described materials. Name of Authorized Agent (Print) Signature Receipt Date

Dr-Drum C-Carton **B-Bag P-Pounds CY-Cubic Yards GL-Gallons** White - Original Blue - Disposer Retain (Audit) Canary - Disposer Retain Pink - Transporter Retain Gold - Generator Retain



		NON-HAZAR	DOUS MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley St 25800 Ralph Fair Boerne, TX 7801 210-698-5208	orage Activity, US Arr Road 5	ny I.D. #: 69026 SITE LOCATION: CITY/ST:	TNRCC WC#: Exer SWMU B-2 SAME SAME	npt
Description of	Attn: Brian K Mu	rphy An	PHONE:	Quantity	Unito
Soil from SWA	AU B-2	CG-2	25591. C-7	/8	CY
hereby certify f contain free liqui lassified and pa Brian K Murph Seperator Author	that the above desc ids as defined by 40 ackaged, and are in prized Agent Name	ribed materials are not CFR Part 260.10 or an proper condition for tra	hazardous wastes as de applicable state law. H ansportation according to	efined by 40 CFR Part lave been fully and act applicable, regulation	261 and does curately describ s.
		TRAN	SPORTER		
RANSPORTEF DDRESS: DTY/STATE:	R NAME: Felix Ma 11250 S Hwy 16 San Antonio TX	aldanado Trucking	DRIVER NAME(PI TRUCK NUMBER PHONE #: 210	rint): <u>706 /</u> : <u>3/3</u>	pr riet
hereby acknow the disposal f	ledge receipt of the	above described mater fithout incident.	ials were received from	the generator listed at	pove and delive $12, 15$
Nver Signature		Shipment Date	Driver Signature		Delivery Da
		DISPOS	AL FACILITY		
ITE NAME:	Covel Gardens La 8611 Covel Road,	ndfill San Antonio TX 78252	PHONE NU FACILITY I	JMBER: 210-623-88 .D. #: H2093	00
hereby acknow	vledge receipt of the zed Agent (Print)	above described mate	signature	s Gehe	5 /2, /8, Receipt Da
)r-Drum	C-Carton B-P	an D-Dounde	CV-Cubic Var	le GL Collons	

Canary - Disposer Retain

White - Original

Blue - Disposer Retain (Audit)

Pink -	Transporter	Retain	Gold -	 Generator F

Generator Retain

 Covel Gardens Landfill
 July 4
 OU31
 O270

 8611 Covel Road
 San Antonio TX 78252
 July 4
 8008635
 210-623-8800 / 210-623-6791 Fax

WASTE MANAGEMENT, INC.

65217

AZARDOUS MANIFEST		
S Ármy I.D. #: 69026 SITE LOCATIO CITY/ST: PHONE:	TNRCC WC#: Ex ON: SWMU B-2 SAME SAME	empt
Approval Number	Quantity	Units
CG-25591, C-7	18	Су
e not hazardous wastes as or any applicable state law. for transportation according	defined by 40 CFR Pa . Have been fully and a to applicable regulatio	rt 261 and does no ccurately described ns. 27272 103 Delivery Date
RANSPORTER		
DRIVER NAME TRUCK NUMBE PHONE #: 2	(Print): <u>りんれん</u> ER: <u>332</u> 210-628-1605	A. HAYD
materials were received from	m the generator listed a	above and delivered <u>1み」ま</u> Delivery Date
POSAL FACILITY	· · · · · · · · · · · · · · · · · · ·	
PHONE I 8252 FACILITY	Number: 210-623-8 7 I.D. #: H2093	800
materials.	AL . O	
Signature	ell5	Receipt Date
	S Ármy I.D. #: 69026 SITE LOCATIC CITY/ST: PHONE: Approval Number CG-25591, C-7 Inot hazardous wastes as or any applicable state law or transportation according Signature RANSPORTER DRIVER NAME TRUCK NUMBE PHONE #: 2 naterials were received from DRIVER NAME TRUCK NUMBE PHONE #: 2 Naterials were received from Driver Signature POSAL FACILITY	S Army I.D. #: 69026 TNRCC WC#: Example SITE LOCATION: SWMU B-2 SITE LOCATION: SWMU B-2 SAME CITY/ST: SAME PHONE: Approval Number Quantity CG-25591, C-7

	Ų OOC±€
Covel Gardens Landfill Jost 04310270 8611 Covel Road San Antonio TX 78252 Po # 8008635 210-623-8800 / 210-623-6791 Fax	TE MANAGEMENT, INC

GENERATOR: Co ADDRESS: 25 CITY/ST: Bo PHONE: 21 At Description of Was Soil from SWAU B	imp Stanley Storage Activity 800 Ralph Fair Road 9erne, TX 78015 0-698-5208 †n: Brian K Murphy te Materials -2	r, US Army Approv	I.D. #: 69026 SITE LOCATION: CITY/ST:	TNRCC WC#: Exem SWMU B-2 SAME	pt
PHONE: 21 At Description of Was Soil from SWMU B	0-698-5208 Tn: Brian K Murphy te Materials	Approv	CITY/ST:		
At Description of Was Soil from SWMU B	tn: Brian K Murphy ite Materials -2	Approv		SAME	
Soil from SWMU B		Approv	PHONE:		
Soil from SWMU B	-2		al Number	Quantity	Units
		<i>CG</i> -2559	91, <i>C</i> -7	18	Су
I hereby certify that t contain free liquids a classified and packag Brian K Murphy Generator Authorize	the above described materials s defined by 40 CFR Part 260 ged, and are in proper condition d Agent Name (Print)	are not haza .10 or any ap on for transpo	ardous wastes as defi oplicable state law. Ha ortation according to Signature	ned by 40 CFR Part 2 ve been fully and accu applicable regulations.	261 and does not irately described, <u>22128703</u> Delivery Date
		TRANSPO	PRTER		
TRANSPORTER NA	ME: Calification I T - 1				<u> </u>
ADDRESS: 112	1912 - Felix Maidanado Iruck	king		": <u>Soven</u>	Der/
CITY/STATE: Sa	n Antonio TX 78224		PHONE #: 210-	5 つうして 629-1605)
I hereby acknowledge to the disposal facility	e receipt of the above describe / listed below without incident.	ed materials v <u>222</u> Pate	were received from th	e generator listed abo	ve and delivered
				-	,
		DISPOSAL F	ACILITY		
SITE NAME: Cov ADDRESS: 861	/el Gardens Landfill 11 Covel Road, San Antonio T)	X 78252	PHONE NUN FACILITY I.E	/BER: 210-623-880 D. #: H2093	0
I hereby acknowledge	e receipt of the above describ	ed materials. 	Julie Car Signature	hus_	7/18/03 Receipt Date
					•
Dr-Drum C-Ca	rton B-Bag P-	Pounds	CY-Cubic Yards	GL-Gallons	

65218


White - Original

Blue - Disposer Retain (Audit)



65219

WASTE MANAGEMENT, INC.

				NON-HAZARDOUS MANIFEST			
	GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stan 25800 Ralı Boerne, T> 210-698-5 Attn: Briar	ley Storage Act ph Fair Road (78015 208 n K Murphy	tivity, US Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exe SWMU B-2 SAME SAME	empt
	Description of	Waste Mater	fials	Approv	al Number	Quantity	Units
	Soil from SWA	AU B-2		<i>CG</i> -2559	91, C-7	18	Су
/	I hereby certify t contain free liqui classified and pa	that the above ids as definec ackaged, and	e described mate I by 40 CFR Par are in proper co	erials are not haza t 260.10 or any ap ondition for transpo	ardous wastes as defi plicable state law. Ha prtation according to	ned by 40 CFR Pa ve been fully and a applicable regulatio	rt 261 and does not ccurately described, ns.
b	Brian K Murphy	/			Jans	Un	12+18193
	Generator Autho	orized Agent	Name (Print)		Signature		Delivery Date
				TRANSPO	RTER		
	TRANSPORTER ADDRESS: CITY/STATE:	R NAME: Fe 11250 S Hu San Antoni	elix Maldanado vy 16 o, TX 78224	Trucking	DRIVER NAME(Prin TRUCK NUMBER: PHONE #: 210 -	nt): 4 / 306 628-1605	ASour
	I hereby acknowledge receipt of the above de to the disposal facility listed below without inc			scribed materials v ident.	were received from th	e generator listed a	bove and delivered
	Driver Signature		Shipm	ent Date	Drver Signature	upop	Delivery Date
				DISPOSAL F	ACILITY	•	
	SITE NAME: ADDRESS:	Covel Garde 8611 Covel I	ens Landfill Road, San Antoi	nio TX 78252	PHONE NUM FACILITY I.[MBER: 210-623-8 D. #: H2093	800
	I hereby acknow	ledge receipt LALA ÍS zed Agent (P	of the above de	escribed materials.	Signature	la	Receipt Date
[Dr-Drum (C-Carton	B-Bag	P-Pounds	CY-Cubic Yards	GL-Gallons	

Canary - Disposer Retain

Pink - Transporter Retain



			NON-HAZARDO	US MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stank 25800 Ralp Boerne, TX 210-698-52 Attn: Brian	ey Storage A h Fair Road 78015 108 K Murphy	ctivity, US Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exer SWMU B-2 SAME SAME	npt
Description of	Waste Materi	als	Approv	val Number	Quantity	Units
Soil from SWA	AU B-2		CG-2559	91, C-7	18	Су
I hereby certify t contain free liqui classified and pa Brian K Murphy Generator Autho	that the above ids as defined ackaged, and prized Agent N	e described ma by 40 CFR Pa are in proper	aterials are not haz art 260.10 or any ar condition for transp	ardous wastes as defi oplicable state law. Ha ortation according to Senature	ined by 40 CFR Part twe been fully and acc applicable regulation	261 and does no curately described s. <u>21 181 0</u> Delivery Date
			TRANSPO	ORTER		
TRANSPORTEF ADDRESS: CITY/STATE: hereby acknow	R NAME: Fe 11250 S Hw San Antonio	lix Maldanado y 16 y, TX 78224 of the above c	Trucking described materials	DRIVER NAME(Prin TRUCK NUMBER: PHONE #: 210- were received from th	nt): <u>[/]///////////////////////////////////</u>	<u>Siefskiles (* 19</u>
o the disposal f	acility listed be	elow without ir	ncident.	2		
hallie	- Sull	J 121	18103	hilles	, Mill	12+1810
Driver Signature		Shipr	ment Date	Driver Signature		Delivery Date
			DISPOSAL F	FACILITY		
SITE NAME: ADDRESS:	Covel Garde 8611 Covel R	ns Landfill Road, San Ant	onio TX 78252	PHONE NUI FACILITY I.I	MBER: 210-623-88 D. #: H2093	00
hereby acknow	rledge receipt	of the above of th	described materials	s. Signature	elit	12/8/03 Receipt Date
Dr-Drum	C-Carton	B-Bag	P-Pounds	CY-Cubic Yards	GL-Gallons	

Blue - Disposer Retain (Audit)

Canary - Disposer Retain

- Dista



		NON-HAZARI	DOUS MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley St 25800 Ralph Fair Boerne, TX 7801 210-698-5208 Attn: Brian K Mu	orage Activity, US Arm r Road 5 rphy	i.d. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exe SWMU B-2 SAME SAME	2mp†
Description of	Waste Materials	App	oroval Number	Quantity	Units
Soil from SWA	AU B-2	CG-2	5591, C-7	_18_	Су
I hereby certify to contain free liqu classified and pa Brian K Murph Generator Autho	that the above desc ids as defined by 40 ackaged, and are in y prized Agent Name	ribed materials are not I CFR Part 260.10 or an proper condition for tra (Print)	nazardous wastes as de y applicable state law. H nsportation according to	fined by 40 CFR Pa ave been fully and a applicable regulatio	rt 261 and does not ccurately described, ns. 72748/03 Delivery Date
		TRANS	SPORTER		
TRANSPORTER ADDRESS: CITY/STATE:	R NAME: Felix M 11250 S Hwy 16 San Antonio, TX	aldanado Trucking 78224	DRIVER NAME(Pr TRUCK NUMBER: PHONE #: 210	int): <u>しごれい</u> :	m Ferry
I hereby acknow to the disposal f <i>Lineary</i> Driver Signature	receipt of the acility listed below w	above described materi vithout incident. <u>12</u> , <u>18,03</u> Shipment Date	als were received from the second sec	the generator listed a	above and delivered
		DISPOSA			
SITE NAME: ADDRESS: I hereby acknow Name of Author	Covel Gardens La 8611 Covel Road, ledge receipt of the Hull ized Agent (Print)	ndfill San Antonio TX 78252 above described mater	PHONE NL FACILITY I Signature	JMBER: 210-623-8 .D. #: H2093	1800 /2,/8,3 Receipt Date
Dr-Drum	C-Carton B-E	Bag P-Pounds	CY-Cubic Yard	ls GL-Gallons	
White - Original	Blue - Disposer Reta	in (Audit) Canary - Dis	poser Retain Pink - Tra	ansporter Retain Go	

· "•	\sim
Covel Gardens Landfill	Jos # 0431 0270
8611 Covel Road	211 2018635
San Antonia TX 78252	pot scove ce

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65222

WASTE MANAGEMENT, INC.

San Antonio TX 78252 210-623-8800 / 210-623-6791 Fax

	NON-	HAZARDO	JS MANIFEST			
GENERATOR:	Camp Stanley Storage Activity,	US Army	I.D. #: 69026	TNRCC WC#: Exe	mpt	
ADDRESS:	25800 Ralph Fair Road		SITE LOCATION:	SWMU B-2		
	Boerne, TX 78015			SAME		
PHONE:	210-698-5208			SAME		
Description of	— Attn: Brian K Murphy Waste Materials	Approv	/al Number	Quantity	Units	
Soil from SWN	AU B-2	CG-2559	91, C-7	_18	Су	
hereby certify t contain free liqui classified and pa	that the above described materials ids as defined by 40 CFR Part 260. ackaged, and are in proper conditio	are not haza 10 or any ap on for transp	ardous wastes as defi oplicable state law. Ha ortation according to	ined by 40 CFR Part we been fully and ac applicable regulation	t 261 and does to curately describ s.	
Brian K Murphy Generator Autho	prized Agent Name (Print)		Signature	Com -	Delivery Da	
		TRANSPC	DRTER			
ADDRESS: Marca and Andrea and And						
CITY/STATE	11250 S Hwy 16		PHONE #:	324		
hereby acknow	ledge receipt of the above describe	d materials	were received from th	ne generator listed at	oove and deliver	
	acinty istea cerew without incident.		HI I	JII -		
1/1/am	~ Maph 14/8/_		1 <u>//ann//</u>	Mayin_	12 1810	
Driver Signature	Shipment Da	ate	Driver Signature		Delivery Dat	
	D	ISPOSAL F	ACILITY	·		
SITE NAME:	Covel Gardens Landfill 8611 Covel Road, San Antonio T>	(78252	PHONE NUI FACILITY I.E	MBER: 210-623-88 D. #: H2093	800	
	ledge receipt of the above describ	ed materials /\		N	P.M.	
lame of Authori	zed Agent (Print)		Signature		Receipt Date	
ame of Authori	zed Agent (Print)	Doundo	Signature		Receipt Date	

Canary - Disposer Retain

Pink - Transporter Retain

Covel Gardens Landfill Jos # 0431 0270 8611 Covel Road San Antonio TX 78252 Po # 800 8635

210-623-8800 / 210-623-6791 Fax



WASTE MANAGEMENT, INC.

GENERATOR: Camp Stanley Storage Activity, US Army I.D. #: 69026 TNRCC WC#: Exempt ADDRESS: 25800 Ralph Fair Road SITE LOCATION: SWMU B-2 CITY/ST: Boerne, TX 78015 SAME PHONE: 210-698-5208 CITY/ST: SAME Attn: Brian K Murphy PHONE: Approval Number Quantity U Soil from SWMU B-2 CG-25591, C-7 Image: Composition of Vaste Materials are not hazardous wastes as defined by 40 CFR Part 261 and contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately classified and packaged, and are in proper condition for transportation according to applicable regulations. Brian K Murphy TRANSPORTER TRANSPORTER NAME: Felix Maldanado Trucking DRIVER NAME(Print): Claureb Dool							
Attn: Brian K Murphy PHONE: Description of Waste Materials Approval Number Quantity U Soil from SWMU B-2 C6-25591, C-7 Isometry U I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately classified and packaged, and are in proper condition for transportation according to applicable regulations. Isometry Isometry Brian K Murphy Generator Authorized Agent Name (Print) Isometry Isometry Isometry Isometry Isometry TRANSPORTER NAME: Felix Maldanado Trucking DRIVER NAME(Print): Isometry Isometry Isometry Isometry							
Description of Waste Materials Approval Number Quantity U Soil from SWMU B-2 CG-25591, C-7							
Soil from SWMU B-2 CG-25591, C-7 Is I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately classified and packaged, and are in proper condition for transportation according to applicable regulations. Brian K Murphy Generator Authorized Agent Name (Print) TRANSPORTER TRANSPORTER DRIVER NAME: Felix Maldanado Trucking	Units						
I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately or classified and packaged, and are in proper condition for transportation according to applicable regulations. Brian K Murphy Brian K Murphy Generator Authorized Agent Name (Print) Bromature TRANSPORTER Deliver TRANSPORTER NAME: Felix Maldanado Trucking	CY						
TRANSPORTER NAME: Felix Maldanado Trucking DRIVER NAME(Print):	does not lescribed,						
TRANSPORTER NAME: Felix Maldanado Trucking DRIVER NAME(Print): Ricardo Ba	Bry Date						
TRANSPORTER NAME: Felix Maldanado Trucking DRIVER NAME(Print): Aicardo Bo							
ADDRESS: 11250 S Hwy 16 TRUCK NUMBER: J15 CITY/STATE: San Antonio, TX 78224 PHONE #: 210-628-1605	ron						
I hereby acknowledge receipt of the above described materials were received from the generator listed above and to the disposal facility listed below without incident.	delivered						
Kutant Damon 12/18/02 Mucanet Damon 121.	18/107						
Driver Signature Shipment Date Driver Signature Delive	ery Date						
DISPOSAL FACILITY							
SITE NAME:Covel Gardens LandfillPHONE NUMBER:210-623-8800ADDRESS:8611 Covel Road, San Antonio TX 78252FACILITY I.D. #:H2093							
I hereby acknowledge receipt of the above described materials.	18,3						
Name of Authorized Agent (Print) Signature Recei	pt Date						
Dr-Drum C-Carton B-Bag P-Pounds CV Cubic Vorde CL C-lland							
Let be an a start of the start	1						



			NON-HAZARDOUS MANIFEST			
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanl 25800 Ralp Boerne, TX 210-698-52 Atta: Brian	ey Storage Ac h Fair Road 78015 208 K Murphy	tivity, US Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exe SWMU B-2 SAME SAME	empt
Description of V	Vaste Mater	ials	Approv	al Number	Quantity	Units
Soil from SWM	U B-2		CG-2559	1, C-7	18	Су
I hereby certify th contain free liquic classified and pa	nat the above Is as defined ckaged, and	e described ma by 40 CFR Pa are in proper c	terials are not haza rt 260.10 or any ap condition for transpo	rdous wastes as de plicable state law. H prtation according to	fined by 40 CFR Pa ave been fully and a applicable regulatio	rt 261 and does not ccurately described ns.
Brian K Murphy	winned America			Jaffall	Jan L	- 2/18/az
Generator Author	rizea Agent i	vame (Pnnt)		olatature		Denvery Date
			TRANSPO	RTER		
TRANSPORTER ADDRESS: CITY/STATE:	NAME: Fe 11250 S Hw San Antonio	lix Maldanado y 16 o, TX 78224	Trucking	DRIVER NAME(Pr TRUCK NUMBER: PHONE #: 210	int): <u>A.e.M.e.</u> -628-1605	YRIOS
I hereby acknown to the disposal fa	edge receipt .cility listed b	of the above de elow without in	escribed materials cident.	were received from	the generator listed a	above and delivered $\frac{12}{\sqrt{7}}$
Driver Signature		Shipm	nent Date	Driver Signature	\mathcal{N}	Delivery Date
					• .	
			DISPOSAL F	ACILITY		
SITE NAME: ADDRESS:	Covel Garde 8611 Covel I	ens Landfill Road, San Anto	onio TX 78252	PHONE NU FACILITY I	JMBER: 210-623-8 .D. #: H2093	800
I hereby acknowl	edge receipt	of the above of	lescribed materials		alla	= 2,18,0
Name of Authoriz	zed Agent (P	rint)	· · · ·	Signature		Receipt Date
Dr-Drum (-Carton	B-Bag	P-Pounds	CV-Cubic Var	ls Gi-Gallons	

Canary - Disposer Retain

Pink - Transporter Retain

Gold - Generator Retain

Jos#04310270 Covel Gardens Landfill 8611 Covel Road San Antonio TX 78252 Po # 8008635 210-623-8800 / 210-623-6791 Fax

WASTE MANAGEMENT, INC.

			JS MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activ 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	ity, US Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exe SWMU B-2 SAME SAME	mpt
Description of	Waste Materials	Approv	al Number	Quantity	Units
Soil from SWA	IU B-2	<i>CG</i> -2559	91, C-7	18	СУ
hereby certify t contain free liqui classified and pa Brian K Murphy Generator Autho	hat the above described materi ds as defined by 40 CFR Part 2 ckaged, and are in proper cond rized Agent Name (Print)	als are not haza 60.10 or any ap dition for transpo	ardous wastes as defi iplicable state law. Ha ortation according to a Signature	ned by 40 CFR Part ve been fully and ac applicable regulation	t 261 and does no curately described
		TRANSPO	DRTER		
TRANSPORTER ADDRESS: CITY/STATE:	NAME: Felix Maldanado Tr 11250 S Hwy 16 San Antonio, TX 78224	ucking	DRIVER NAME(Prin TRUCK NUMBER: PHONE #: 210-0	it): <u>Carada lug</u> <u>307</u> 628-1605	pe Villame
o the disposal fa	cility listed below without incide	nbed materials v ent.	were received from the	e generator listed at	ove and delivered
			$\wedge a$	Nan D	17 12 15
Kuodelun	- Ullancal 12/18	703	I bealeringe	achine	1 2 10 0
Suorlelupe Driver Signature	<u>-Ullencal 12/15</u> Shipment	1_ <u>03</u> t Date	Driver Signature	une	Delivery Date
Suodilup Driver Signature	<u>Ullanca 12/15</u> Shipment	7 <u>03</u> t Date DISPOSAL F	Driver Signature	Unit	Delivery Date
SITE NAME:	Covel Gardens Landfill 8611 Covel Road, San Antonio	7 <u>03</u> t Date DISPOSAL F. TX 78252	ACILITY PHONE NUM FACILITY I.D	/BER: 210-623-88 . #: H2093	
Driver Signature	Covel Gardens Landfill 8611 Covel Road, San Antonio 9dge receipt of the above desc MM3 ed Agent (Print)	TX 78252	ACILITY PHONE NUM FACILITY I.D	ABER: 210-623-88). #: H2093	$\frac{\int \mathcal{L}_{1} \left(\frac{8}{2} \right)^{2}}{\int \mathcal{L}_{1} \left(\frac{8}{2} \right)^{2}}$
SITE NAME: DDRESS: hereby acknowl	Covel Gardens Landfill 8611 Covel Road, San Antonio 9dge receipt of the above desc MM3 ed Agent (Print)	TX 78252	ACILITY PHONE NUM FACILITY I.D	ABER: 210-623-88). #: H2093	Delivery Date Delivery Date 100 100 Receipt Date



Covel Gardens Landfill Jul # 0431 0270 8611 Covel Road San Antonio TX 78252 Po # 8008635 210-623-8800 / 210-623-6791 Fax

Dr-Drum

White - Original

C-Carton

B-Bag

Blue - Disposer Retain (Audit)

WASTE MANAGEMENT, INC.

	NON-HAZARDOUS MANIFEST								
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity, US Army 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attm: Brian K Mumbu	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exempt SWMU B-2 SAME SAME						
Description of	Waste Materials Appro	val Number	Quantity	Units					
Soil from SWN	AU B-2 CG-255	91, C-7	18	Су					

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation accuration accurately regulations.

2718-103 -Brian K Murphy Generator Authorized Agent Name (Print) Delivery Date fonature TRANSPORTER TRANSPORTER NAME: Felix Maldanado Trucking คเล DRIVER NAME(Print): ADDRESS: TRUCK NUMBER: 11250 S Hwy 16 CITY/STATE: PHONE #: San Antonio, TX 78224 210-628-1605 I hereby acknowledge receipt of the above described materials were received from the generator listed above and delivered to the disposal facility listed below without incident. 12118103 1218103 Driver Signature Shipment Date Driver Signatur **Deliverv** Date **DISPOSAL FACILITY** SITE NAME: Covel Gardens Landfill PHONE NUMBER: 210-623-8800 ADDRESS: 8611 Covel Road, San Antonio TX 78252 FACILITY I.D. #: H2093 I hereby acknowledge receipt of the above described materials. Name of Authorized Agent (Print) Receipt Date

CY-Cubic Yards

Pink - Transporter Retain

GL-Gallons

Gold - Generator Retain

P-Pounds

Canary - Disposer Retain

Jost 04310270

Covel Gardens Landfill 8611 Covel Road San Antonio TX 78252 210-623-8800 / 210-623-6791 Fax

ΝV WASTE MANAGEMENT, INC.

65227

		NON-HAZARDOL	US MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Act 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attau Price K Murphy	ivity, US Army	I.D. #: 69026 SITE LOCATION: CITY/ST:	TNRCC WC#: Exen SWMU B-2 SAME SAME	np†
Description of	Waste Materials	Approv	/al Number	Quantity	Units
Soil from SWN	\U B-2	CG-2559	91 <i>, C</i> -7	_18_	СУ
Inereby certify i ontain free liqui lassified and pa Brian K Murphy Generator Autho	ds as defined by 40 CFR Par ackaged, and are in proper co prized Agent Name (Print)	t 260.10 or any ap	opticable state law. Ha	applicable regulations	201 and does to curately describe 72784 Delivery Da
		TRANSPC	DRTER		
RANSPORTEF DDRESS: DTY/STATE:	NAME: Felix Maldanado 11250 S Hwy 16 San Antonio, TX 78224	Trucking	DRIVER NAME(Pri TRUCK NUMBER: PHONE #: 210 -	nt): <u>JOE Br</u> <u>~7/3</u> 628-1605	Trienfest
hereby acknow the disposal to	edge receipt of the above de acility listed below without inc	scribed materials ident.	were received from the	e generator listed ab	ove and deliver $\frac{12}{18}$
ful //	Shipme	ent Date	Driver Signature	V	Delivery Da
ful // priver Signature	Shipm.	DISPOSAL F	Dyfiver Signature	<i>V</i>	Delivery Da
river Signature	Shipm Covel Gardens Landfill 8611 Covel Road, San Anton ledge receipt of the above de Ledge receipt of the above de Ledge receipt of the above de Ledge receipt of the above de	DISPOSAL F nio TX 78252 escribed materials	Driver Signature	MBER: 210-623-88 D. #: H2093	Delivery Da





	NON-HAZARDOUS MANIFEST								
GEN ADDI CITY PHO	ERATOR: RESS: //ST: NE:	Camp Stanley Storage Activity, U 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Atta: Brian K Murphy	JS Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exer SWMU B-2 SAME SAME	npt			
Desc	ription of	Waste Materials	Approv	al Number	Quantity	Units			
Soil	from SWN	NU B-2	CG-2559	91, C-7	18	Су			
l here conta classi	eby certify t ain free liqui ified and pa n K Murphy	hat the above described materials a ds as defined by 40 CFR Part 260.10 ackaged, and are in proper condition	re not haza 0 or any ap 1 for transpo	ardous wastes as def plicable state law. Ha prtation according to	ined by 40 CFR Part ave been fully and acc applicable regulation	261 and does not curately described,			
Gene	erator Autho	rized Agent Name (Rrint)		Signature		Delivery Date			
			2						
			TRANSPO	RTER					
TRAN ADDI CITY/	NSPORTER RESS: /STATE:	NAME: Felix Maldanado Truckir 11250 S Hwy 16 San Antonio, TX 78224	ıg	DRIVER NAME(Pri TRUCK NUMBER: PHONE #: 210-	nt): <u>1) and a</u> 	A. WayNES			
I here to the	eby acknowl disposal fa	ledge receipt of the above described acility listed below without incident.	l materials v	were received from th	ne generator listed ab	ove and delivered			
	Donell	1. Huma 121 18103	3	Druld	1. Nalens	12/18/13			
Drive	r Signature	Shipment Dat	e	Driver Signature		Delivery Date			
									
		DI	SPOSAL F	ACILITY					
SITE ADDF	NAME: RESS:	Covel Gardens Landfill 8611 Covel Road, San Antonio TX	78252	PHONE NU	MBER: 210-623-88 D. #: H2093	00			
Name	by secknow by secknow by the secknow by the secknow by the secknow by the secknow by the secknow by the secknow by the secknow by the secknow by the secknow by the secknow by the secknow by the second by the secon	ledge redeint of the above described	d materials	Signature	pl	Receipt Date			

Dr-Drum C-Carton B-Bag P-Pounds **CY-Cubic Yards GL-Gallons** White - Original Blue - Disposer Retain (Audit) Canary - Disposer Retain Pink - Transporter Retain Gold - Generator Retain



			NON-HAZARDO	US MANIFEST		·····
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanl 25800 Ralp Boerne, TX 210-698-52 Attn: Brian	ey Storage Ad h Fair Road 78015 08 K Murphy	tivity, US Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Ex SWMU B-2 SAME SAME	empt
Description of	f Waste Materi	als	Approv	val Number	Quantity	Units
Soil from SW	'MU B-2		, CG-255	91, C-7	18	СУ
I hereby certify contain free liqu classified and p <u>Brian K Murph</u> Generator Auth	that the above uids as defined backaged, and ny norized Agent N	described ma by 40 CFR Pa are in proper o lame (Print)	terials are not haz rt 260.10 or any ap condition for transp	ardous wastes as def oplicable state law. Ha ortation according to Stemature	ined by 40 CFR Pa ave been fully and a applicable regulation	art 261 and does no accurately described ons.
				//		
			TRANSPO	DRTER		
TRANSPORTE ADDRESS: CITY/STATE:	R NAME: Fe 11250 S Hw San Antonio	lix Maldanado y 16 , TX 78224	Trucking	DRIVER NAME(Pri TRUCK NUMBER: PHONE #: 210-	nt): <u>+1.0</u> -628-1605	(FARZA 345
I hereby acknow to the disposal	wledge receipt of facility listed be	of the above d w without in	escribed materials cident.	were received from th	ne generatoristed	above and delivered
Driver Signatur	e /	Shipn	nent Date	Driver Signature	Juce	Delivery Date
	·····		DISPOSAL I	ACILITY	· · · · · · · · · · · · · · · · · · ·	
SITE NAME: ADDRESS:	Covel Garde 8611 Covel R	ns Landfill oad, San Anto	onio TX 7 8252	PHONE NUI FACILITY I.I	MBER: 210-623-6	3800
	Wedge receipt	of the above c	escribed materials	· An	hl	17,18,3
Name of Author	rized Agent (Pr	int)		Signature		Receipt Date
Dr-Drum	C-Carton	B-Bag	P-Pounds	CY-Cubic Yards	GL-Gallons	
White - Original	Blue - Dispose	Retain (Audit)	Canary - Dispose	r Retain Pink - Trar	nsporter Betain G	old - Generator Betain



White - Original

Blue - Disposer Retain (Audit)

		NON-H	AZARDOU	IS MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley S 25800 Ralph Fa Boerne, TX 780 210-698-5208	torage Activity, U ir Road 15	S Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE	TNRCC WC#: Exe SWMU B-2 SAME SAME	mp†
Description of	Waste Materials	urpny	Approv	al Number	Quantity	Units
Soil from SWN	NU B-2		CG-2559	1, C-7	18	Су
I hereby certify t contain free liqui classified and pa classified and pa denerator Author	hat the above des ds as defined by 4 ackaged, and are i prized Agent Name	cribed materials and 0 CFR Part 260.10 n proper condition	e not haza or any ap for transpo	rdous wastes as defi plicable state law. Ha prtation according to a Signature	ned by 40 CFR Part ve been fully and ac applicable regulation	t 261 and does not curately described, s. Delivery Date
			RANSPO	RTER		
TRANSPORTEF ADDRESS: CITY/STATE:	NAME: Felix N 11250 S Hwy 16 San Antonio, TX	aldanado Trucking 78224	9	DRIVER NAME(Prir TRUCK NUMBER: PHONE #: 210-	nt): <u>Danie</u> 628-1605	Vat s que
I hereby acknow totthe disposal fa	ledge receipt of the acility listed below	e above described without incident.	materials v	vere received from th	e generator listed al	Dove and delivered
		DIS	POSAL F	ACILITY	·····	
SITE NAME: ADDRESS:	Covel Gardens Lo 8611 Covel Road,	andfill San Antonio TX 7	8252	PHONE NUN FACILITY I.E	MBER: 210-623-8 8). #: H2093	100
Name of Authori	ledge receipt of th へれごろ zed Agent (Print)	e above described	materials.	J.C. Signature	ele	Receipt Date
Dr-Drum (C-Carton B-	Bag P-Po	unde	CV-Cubic Varde	GI -Gallone	

Jos# 04310270 Covel Gardens Landfill po# 8008635 8611 Covel Road San Antonio TX 78252

210-623-8800 / 210-623-6791 Fax



65231

WASTE MANAGEMENT, INC.

			NON-HAZARDOU	IS MANIFEST		
	GENERATOR: ADDRESS: CITY/ST:	Camp Stanley Storage A 25800 Ralph Fair Road Boerne, TX 78015	ctivity, US Army	I.D. #: 69026 SITE LOCATION:	TNRCC WC#: EX SWMU B-2 SAME	kempt
	PHONE:	210-698-5208		CITY/ST:	SAME	
		Attn: Brian K Murphy		PHONE:		
	Description of	Waste Materials	Approv	al Number	Quantity	Units
	Soil from SWN	NU B-2	CG-2559	1, C-7	18	СУ
1/2	I hereby certify t contain free liqui classified and pa <u>Brian K Murphy</u> Generator Autho	hat the above described ma ds as defined by 40 CFR Pa ackaged, and are in proper prized Agent Name (Print)	aterials are not haza art 260.10 or any ap condition for transpo	ardous wastes as def plicable state law. Ha prtation according to Signature	ined by 40 CFR P ave been fully and applicable regulati	art 261 and does not accurately described, ons. 2 118 103 Delivery Date
		· · · · · · · · · · · · · · · · · · ·	TRANSPO	RTER	· · · · · · · · · · · · · · · · · · ·	
	TRANSPORTEF ADDRESS: CITY/STATE:	NAME: Felix Maldanado 11250 S Hwy 16 San Antonio, TX 78224	Trucking	DRIVER NAME(Pri TRUCK NUMBER: PHONE #: 210-	nt): <u> </u>	HBell H
	I hereby acknow to the disposal fa	ledge receipt of the above c acility listed below without ir	lescribed materials	were received from th	ne generator listed	above and delivered
1	Romol	ABere 12,	18:03	Pranal	0 Barn	12,18,05
C	Driver Signature	Shipr	ment Date	Driver Signature		Delivery Date
[DISPOSAL F	ACILITY		<u>}</u>
	SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Ant	onio TX 78252	PHONE NUI FACILITY I.I	MBER: 210-623 - D. #: H2093	8800
	I hereby acknow Name of Authori	ledge receipt of the above	described materials	Signature	la	Receipt Date
ſ	Dr-Drum	C-Carton B-Bag	P-Pounds	CY-Cubic Yards	GL-Gallons	
	White - Original	Blue - Disposer Retain (Audit)	Canary - Dispose	Retain Pink - Trar	nsporter Retain	Gold - Generator Retain

Jo# 8008635 Covel Gardens Landfill 8611 Covel Road San Antonio TX 78252 210-623-8800 / 210-623-6791 Fax



WASTE MANAGEMENT, INC.

			NON-HAZARDO	US MANIFEST	· · · · · · · · · · · · · · · · · · ·	
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanl 25800 Ralp Boerne, TX 210-698-52	ey Storage A h Fair Road 78015 108	ctivity, US Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exe SWMU B-2 SAME SAME	mþt
Description of	Waste Mater	<u>-K Murphy</u> als	Appro	val Number	Quantity	Units
Soil from SWA	NU B-2		CG-255	91, <i>C</i> -7	18	Су
I hereby certify contain free liqu classified and p 2 Brian K Murphy Generator Autho	that the above ids as defined ackaged, and prized Agent N	described ma by 40 CFR Pa are in proper Jame (Print)	aterials are not haz art 260.10 or any a condition for transp	ardous wastes as def pplicable state law. Ha portation according to	ined by 40 CFR Par ave been fully and ac applicable regulation	t 261 and does no courately described is. <u>221 181 0</u> Delivery Date
			TRANSPO	ORTER		
TRANSPORTER ADDRESS: CITY/STATE:	R NAME: Fe 11250 S Hw San Antonic	lix Maldanado y 16 y, TX 78224	Trucking	DRIVER NAME(Pri TRUCK NUMBER: PHONE #: 210-	nt): <u>hillingu</u> 628-1605	rehkdo <i>rt</i>
I hereby acknow to the disposal f	vledge receipt acility listed be	of the above c low without in	lescribed materials acident.	were received from the	ne generator listed a	bove and delivere
Driver Signature	Jully	Shipr	181 23 nent Date	Driver Signature	EJulld	Delivery Date
			DISPOSAL I	FACILITY		
SITE NAME: ADDRESS:	Covel Garde 8611 Covel F	ns Landfill Ioad, San Ant	onio TX 78252	PHONE NU	MBER: 210-623-8 8 D. #: H2093	300
I hereby acknow	vledge receipt <u>۱۹۹۲ کارک</u> ized Agent (Pr	of the above of th	described materials	s. Signature	lo,	(<u>2</u> , <u>1</u> <u>3</u> , <u>0</u> Receipt Date
Dr-Drum	C-Carton	B-Bag	P-Pounds	CY-Cubic Yards	GL-Gallons	

Canary - Disposer Retain



Covel Gardens Landfill Job# 6431 0270 8611 Covel Road San Antonio TX 78252 Po # 8008635 210-623-8800 / 210-623-6791 Fax

Blue - Disposer Retain (Audit)

WASTE MANAGEMENT, INC.

		NOI	N-HAZARDOL	JS MANIFEST		
GENERATO ADDRESS: CITY/ST: PHONE:	DR: Camp Stan 25800 Ral Boerne, TX 210-698-5 Attn: Bria	ley Storage Activit ph Fair Road (78015 208 n K Murphy	y, US Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exe SWMU B-2 SAME SAME	empt
Description	of Waste Mater	ials	Approv	al Number	Quantity	Units
Soil from S	5WMU B-2		CG-2559	91, C-7	18	CY
I hereby cer contain free classified an	tify that the above liquids as defined d packaged, and	e described material I by 40 CFR Part 26 are in proper condit	s are not haza 0.10 or any ap ion for transpo	ardous wastes as defi plicable state law. Ha prtation according to	ned by 40 CFR Pai ve been fully and a applicable regulation	rt 261 and does not ccurately described,
Generator A	rphy uthorized Agent	Name (Print)		Signature	llo	Delivery Date
			TRANSPO	RTER		
TRANSPOR ADDRESS: CITY/STATE	TER NAME: Fé 11250 S Hu : San Antoni	elix Maldanado Truc vy 16 o, TX 78224	cking	DRIVER NAME(Prir TRUCK NUMBER: PHONE #: 210-	$\frac{Hen}{51}$ 628-1605	ny Rio
I hereby ack to the dispos	nowledge receipt	of the above descrit elow without inciden	bed materials v t.	were received from th	e generator listed a	bove and delivered
Mr.	Sher ta	12 181	20	AND	1 and	1211810
Driver Signa	ture	Shipment I	Date	Driver Signature		Delivery Date
		, 	DISPOSAL F	ACILITY		
SITE NAME: ADDRESS:	Covel Garde 8611 Covel I	ens Landfill Road, San Antonio 1	X 78252	PHONE NUN FACILITY I.E	ивек: 210-623-8). #: H2093	800
I hereby ack	nowledge receipt	of the above descri	bed materials.	$\mathcal{A}(c)$	l	1218, R
Name of Aut	horized Agent (P	rint)		Signature	· · ·	Receipt Date
Dr-Drum	C-Carton	B-Bag P	-Pounds	CY-Cubic Yards	GL-Gallons	
White - Original	Blue - Dispose	er Betain (Audit) C	anary - Disposer	Betain Pink - Tran	sporter Retain Gol	d Concreter Petein

Canary - Disposer Retain



WASTE MANAGEMENT, INC.

Jo# 8008635 Covel Gardens Landfill 8611 Covel Road San Antonio TX 78252 210-623-8800 / 210-623-679

White - Original

Blue - Disposer Retain (Audit)

210-023-00	007210-0	22-0191 FW	¢			
			NON-HAZARDOU	JS MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Sta 25800 Ra Boerne, T 210-698-	nley Storage Ad Iph Fair Road X 78015 5208	ctivity, US Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Ex SWMU B-2 SAME SAME	empt
Description of	Waste Mate	erials	Approv	al Number	Quantity	Units
Soil from SWA	AU B-2	·	<i>CG</i> -2559	91, C-7	18	Су
Contain free liqui Classified and pa Brian K Murphy Generator Autho	ids as define ackaged, an prized Agent	d by 40 CFR Pa d are in proper d Name (Print)	are not naza art 260.10 or any ap condition for transpo	plicable state law. Ha	applicable regulation	Delivery Date
			TRANSPO	RTER		
TRANSPORTER ADDRESS: CITY/STATE:	R NAME: F 11250 S H San Antor	elix Maldanado wy 16 iio, TX 78224	Trucking	DRIVER NAME(Pri TRUCK NUMBER: PHONE #: 210-	nt): <u>W) ./4</u> . <u>326</u> 628-1605	- Ferry
I hereby acknow to the disposal fa <u>M.M</u> Driver Signature	ledge receip acility listed	t of the above c below without in ////////////////////////////////////	lescribed materials incident. /S/03 nent Date	were received from th	ne generator listed a	above and delivered <u> ア ト ノ そ う こ Delivery Date</u>
			DISPOSAL F	ACILITY	,	
SITE NAME: ADDRESS: I hereby acknow	Covel Gar B611 Cove	dens Landfill Road, San Ant	onio TX 78252 described materials		MBER: 210-623-6 D. #: H2093	3800
Name of Authori	zed Agent (Print)		Signature		Receipt Date
Dr-Drum	C-Carton	B-Bag	P-Pounds	CY-Cubic Yards	GL-Gallons	

Canary - Disposer Retain

Pink - Transporter Retain



 Covel Gardens Landfill
 Jost 0431 0270

 8611 Covel Road

 San Antonio TX 78252
 Pot Sco8635

 210-623-8800 / 210-623-6791 Fax

WASTE MANAGEMENT, INC.

		NON-HAZARDO	US MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Ac 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	tivity, US Army	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exe SWMU B-2 SAME SAME	empt
Description of	Waste Materials	Appro	val Number	Quantity	Units
Soil from SWA	NU B-2	CG-255	91, C-7	18	Су
I hereby certify t contain free liqui classified and pa Brian K Murphy Generator Autho	hat the above described mat ds as defined by 40 CFR Par ackaged, and are in proper c prized Agent Name (Print)	terials are not haz rt 260.10 or any a ondition for transp	ardous wastes as def pplicable state law. Ha portation according to Signature	ined by 40 CFR Pa twe been fully and a applicable regulation	rt 261 and does r ccurately describe ns. <u>121 181</u> Delivery Da
	· · · · · · · · · · · · · · · · · · ·	TRANSPO	ORTER		· · · · · · · · · · · · · · · · · · ·
TRANSPORTEF ADDRESS: CITY/STATE:	NAME: Felix Maldanado 11250 S Hwy 16 San Antonio, TX 78224	Trucking	DRIVER NAME(Print TRUCK NUMBER: PHONE #: 210-	nt): <u>JOE</u> 313 628-1605	BArricat
hereby acknow	ledge receipt of the above de acility listed below without inc	escribed materials cident.	were received from the	e generator listed a	bove and deliver
Driver Signature	Shipm	I Date	Driver Signature	m	Delivery Da
		DISPOSAL	FACILITY		
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Anto	onio TX 78252	PHONE NUI FACILITY I.I	MBER: 210-623-8 D. #: H2093	800
hereby ackfibw	ledge receipt of the above d	escribed materials	s. Signature	alla	/ 8 / 1 Receipt Date
Name of Authori	3,		-		•



	NON-	HAZARDOL	JS MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity, 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	US Ármy	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exen SWMU B-2 SAME SAME	ıp†
Description of	Waste Materials	Approv	al Number	Quantity	Units
Soil from SWN	NU B-2	CG-2559	91, C-7	1.8	СУ
I hereby certify t contain free liqui classified and pa -Brian K Murphy Generator Autho	hat the above described materials ds as defined by 40 CFR Part 260. ackaged, and are in proper condition prized Agent Name (Print)	are not haza 10 or any ap on for transp	ardous wastes as def plicable state law. Ha prtation according to Signature	ined by 40 CFR Part twe been fully and acc applicable regulations	261 and does no curately described s. Delivery Date
· · · · · · · · · · · · · · · · · · ·		TRANSPO	RTER		
TRANSPORTER ADDRESS: CITY/STATE:	R NAME: Felix Maldanado Truck 11250 S Hwy 16 San Antonio, TX 78224 ledge receipt of the above describe	ting ed materials	DRIVER NAME(Pri TRUCK NUMBER: PHONE #: 210- were received from the	nt): <u>Barrer</u> 628-1605	ove and delivered
to the disposal f	acility listed below without incident.		1. 1	/	
Kunde	Dan 12 18 10	3	Kicart	Da	12/18/07
Driver Signature	Shipment D	ate	Driver Signature		Delivery Date
	C	DISPOSAL F	ACILITY		·····
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Antonio TX	K 78252	PHONE NU FACILITY I.I	MBER: 210-623-88 D. #: . H2093	00
I hereby acknow Name of Authori	ledge receipt of the above describ	ed materials	Signature	US	Receipt Date
Dr-Drum (C-Carton B-Bag P-	Pounds	CY-Cubic Yards	GL-Gallons	

ain (Audit) Cana

Canary - Disposer Retain



	NON-HAZ	ARDOUS MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity, US / 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	Army 69026 I.D. #: SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exempt SWMU B-2 SAME SAME	
Description of	Waste Materials	Approval Number	Quantity	Units
Soil from SWN	NU B-2 C	G-25591, C-7	_18	СУ

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Mu	rphy			6K. MX		17, 18,03
Generator A	uthorized Agent N	lame (Print)		Signature		Delivery Date
			TRANS	PORTER		
TRANSPOR ADDRESS: CITY/STATE	Fel ITER NAME: II250 S Hwy San Antonio	ix Maldanad / 16 , TX 78224	o Trucking	DRIVER NAME(Print): TRUCK NUMBER: PHONE #:	<u>Manue</u> 324 8-1605	Mayen
I hereby ack to the dispos	nowledge receipt of sal facility listed be	of the above slow without i	described material ncident.	s were received from the	generator listed ab	ove and delivered
D i ver Signa	ture	Ship	ment Date	Driver Signature	Mayn	Delivery Date
			DISPOSAL	FACILITY		
	Covel Garde	ns Landfill			210-623-88	00
SITE NAME: ADDRESS:	8611 Covel R	oad, San An	tonio T X 78252	PHONE NUMB FACILITY I.D. 1	ER: H2093 #:	
I hereby ack	nowledge receipt (horized Agent (Pri	of the above	described materia	uls. Signature		<u>IUI8/03</u> Receipt Date
Dr-Drum	C-Carton	B-Bag	P-Pounds	CY-Cubic Yards	GL-Gallons	
White - Original	Blue - Disposer	Retain (Audit)	Canary - Dispo	ser Retain Pink - Transpo	orter Retain Gold	- Generator Retain

Jos # 0431 0270 Po # 8008635



WASTE MANAGEMENT, INC.

	NON-HAZAR	DOUS MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity, US Arn 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	ny 69026 I.D. #: SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exempt SWMU B-2 SAME SAME	
Description of Waste Materials		proval Number	Quantity	Units
Soil from SWN	NUB-2 CG-2	25591, C-7		СУ

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Bridit K Murphy	BirK.Nel	12/18/03
Generator Authorized Agent Name (Print)	Signature	Delivery Date
	TRANSPORTER	
Felix Maldanado Truckir TRANSPORTER M255 Hwy 16 ADDRESS: San Antonio, TX 78224 CITY/STATE:	ng DRIVER NAME(Print): TRUCK NUMBER0-628-1605 PHONE #:	hlupe Villarren L
I hereby acknowledge receipt of the above described	d materials were received from the generator	listed above and delivered

I hereby acknowledge receipt of the above described materials were received from the generator listed above and delivered to the disposal facility listed below without incident.

undelupe Villand 12, 18,03

Driver Signature

Shipment Date

Calupe Villa

Deliverv Date

DISPOSAL FACILITY Covel Gardens Landfill 210-623-8800 SITE NAME: PHONE NUMBER: 8611 Covel Road, San Antonio TX 78252 H2093 ADDRESS: FACILITY I.D. #: ~ I hereby acknowledge receipt of the above described materials. Z,18,03 Name of Authorized Agent (Print) Signature **Receipt Date** C Carton P. Dod D. Doundo CV Cubio Vordo Callone

L		C-Carton	Б- Бау	F-Founds	CT-Cubic farus	GL-Gall	ons
· •	White - Original	Blue - Dispose	r Retain (Audit)	Canary - Disposer Ret	ain Pink - Transpo	orter Retain	Gold -

Jal# 04310270 Po# 8008635

 Covel Gardens Landfill
 Sol

 8611 Covel Road
 San Antonio TX 78252
 Do #

 210-623-8800 / 210-623-6791 Fax
 Do #

65240

WASTE MANAGEMENT, INC.

		NON-HAZARDOU	S MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Ac 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	tivity, US Army	69026 I.D. #: SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: EX SWMU B-2 SAME SAME	(empt
Description of	Waste Materials	Approv	al Number	Quantity	Units
Soil from SWN	\U B-2	<i>CG</i> -2559	1, C-7	_//	(CY
I hereby certify t contain free liqui classified and pa Brian K Murphy	hat the above described ma ds as defined by 40 CFR Pa ackaged, and are in proper o	tterials are not haza art 260.10 or any ap condition for transpo	Irdous wastes as def plicable state law. Ha prtation according to	ined by 40 CFR Pave been fully and applicable regulation	art 261 and does not accurately described, ons.
Generator Autho	rized Agent Name (Print)		Signature	, y	Delivery Date
	· · · · · · · · · · · · · · · · · · ·	TRANSPO	RTER	·	
TRANSPORTER ADDRESS: CITY/STATE: I hereby acknowl to the disposal fa	Felix Maldanado 11250 S Hwy 16 San Antonio, TX 78224 ledge receipt of the above d acility listed below without in fill fill fill fill fill fill fill Shipn	・ Trucking lescribed materials v icident. <u>ノダノンス</u> nent Date	DRIVER NAME(Pri TRUCK NUMBER PHONE #: were received from the Driver Signature	nt): <u>DAVIA</u> 628-1605 ne generator listed	above and delivered
	· · · · · · · · · · · · · · · · · · ·	DISPOSAL F	ACILITY		
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Anto	onio TX 78252	PHONE NU	210-623- MBER: H2093 D. #:	8800 с .
Name of Authori:	zed Agent (Print)		Signature	00	Receipt Date
Dr-Drum (C-Carton B-Bag	P-Pounds	CY-Cubic Yards	s GL-Gallons	
White - Original	Blue - Disposer Retain (Audit)	Canary - Disposer	^r Retain Pink - Trar	nsporter Retain	old - Generator Retain

Jus# 0431 0270 po # 800 8635

Covel Gardens Landfill JoS = 8611 Covel Road San Antonio TX 78252 PO = 210-623-8800 / 210-623-6791 Fax

WASTE MANAGEMENT. INC.

65241

NON-HAZARDOUS MANIFEST Camp Stanley Storage Activity, US Army 69026 TNRCC WC#: Exempt I.D. #: GENERATOR: 25800 Ralph Fair Road SWMU B-2 ADDRESS: SITE LOCATION: Boerne, TX 78015 SAME CITY/ST: 210-698-5208 SAME PHONE: CITY/ST: Attn: Brian K Murphy PHONE: **Description of Waste Materials Approval Number** Units Quantity Soil from SWMU B-2 CG-25591.C-7 CY

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murphy	hik. The	12,18,03
Generator Authorized Agent Name (Print)	Signature	Delivery Date
TRANS	SPORTER //	
Felix Maldanado Trucking TRANSPORTER M295 S Hwy 16 ADDRESS: San Antonio, TX 78224 CITY/STATE:	DRIVER NAME(Print): <u>3</u> TRUCK NUMB ER 0-628-1605 PHONE #:	JU A. HAYNSS

I hereby acknowledge receipt of the above described materials were received from the generator listed above and delivered to the disposal facility listed below without incident.

Driver Signature

neliter Ham 12+12103 nature Shipment Date

nilda, Heyno <u> 13 13 103</u> Delivery Date Driver Signature

DISPOSAL FACILITY Covel Gardens Landfill 210-623-8800 SITE NAME: 8611 Covel Road, San Antonio TX 78252 PHONE NUMBER: H2093 ADDRESS: FACILITY I.D. #: I hereby acknowledge receipt of the above described materials. Name of Authorized Agent (Print) Signatui **Receipt Date Dr-Drum C-Carton** P-Pounds **CY-Cubic Yards GL-Gallons B-Bag** Gold - Generator Retain White - Original Blue - Disposer Retain (Audit) Canary - Disposer Retain Pink - Transporter Retain

Jos# 04310270 Po# 8008635

 Covel Gardens Landfill
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 8611 Covel Road
 San Antonio TX 78252
 Dog

 210-623-8800 / 210-623-6791 Fax
 Dog
 San Antonio TX 78252

WASTE MANAGEMENT, INC.

· · · · · · · · · · · · · ·	NO	N-HAZARDOU	IS MANIFEST		
CENEDATOD.	Camp Stanley Storage Activi	ty, US Army	69026	TNRCC WC#: Exe	empt
ADDRESS	25800 Ralph Fair Road		I.D. #:	SWMU B-2	
CITY/ST:	Boerne, TX 78015		SHE LOCATION.	SAME	
PHONE:	210-698-5208	_	CITY/ST:	SAME	
	Attn: Brian K Murphy		PHONE:		
Description of Waste Materials		Approv	al Number	Quantity	Units
Soil from SWN	U B-2	CG-2559	1, <i>C</i> -7	/&	СУ
I hereby certify the contain free liquit classified and particular to the classified and particular	hat the above described materia ds as defined by 40 CFR Part 26 ickaged, and are in proper cond	als are not haza 50.10 or any ap lition for transpo	ardous wastes as def plicable state law. Ha prtation according to	ined by 40 CFR Pa ave been fully and a applicable regulatio	rt 261 and does n ccurately describe
Brian K Murphy		1	Birk	m/	12/18/
Generator Autho	rized Agent Name (Print)		Signature	X	Delivery Dat
		TRANCOO		/	A
		TRANSPO			1 Atras
TRANSPORTER	NAME: Line 14	icking	DRIVER NAME(Pri	nt): -Flo	THE
ADDRESS:	11200 S HWY 10		TRUCK NUMBER:	(20 1/0E	373
CITY/STATE:	San Antonio, 1X 78224		PHONE #: 210-	-628-1605	
l hereby acknowl	edge receipt of the above descr	ibed materials y	wara raceived from the	an apporator listed	bovo obd ⁱ delivov
to the disposal fa	acility listed below without incide	nt.		generator listed a	above and deliver
·	I have in	101	\square	Ilana	
	1 - 118 12 12 18	123		jano -	12/18/0
Driver Signature	Shipment	Date	Driver Signature		Delivery Date
		DISPOSAL F	ACILITY		
_	Covel Gardens Landfill			210-623-8	800
SITE NAME: ADDRESS:	8611 Covel Road, San Antonio	TX 78252	PHONE NU FACILITY I.	MBER: H2093 D. #:	
hereby acknow	edge receipt of the above desc	ribed materials.			17 - 10,10
Name of Authoriz	zed Agent (Print)		Signature		Receipt Date
	<u> </u>				
JI-DIUM (-Carton B-Bag	P-Pounds	CY-Cubic Yards	GL-Gallons	
/hite - Original	Blue - Disposer Retain (Audit)	Canary - Disposer	Retain Pink - Trai	nsporter Retain Go	old - Generator Reta

Jos# 0431 0270 Do# 8008635 Covel Gardens Landfill 8611 Covel Road San Antonio TX 78252 210-623-8800 / 210-623-6791 Fa



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WASTE MANAGEMENT, INC.

	NON-HAZARDOUS MANIFEST						
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity, US Army 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	69026 I.D. #: SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exempt SWMU B-2 SAME SAME				
Description of	Waste Materials Approv	val Number	Quantity	Units			
Soil from SWN	UB-2 CG-255	91, <i>C</i> -7		СУ			

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murphy	B-K. M	12/18/03
Generator Authorized Agent Name (Print)	Signature	Delivery Date
TRANS	PORTER	
Felix Maldanado Trucking TRANSPORTER M255:S Hwy 16 ADDRESS: San Antonio, TX 78224 CITY/STATE:	DRIVER NAME(Print): TRUCK NUMBER: PHONE #:	<u>M://www.Zoch/Sater/=</u>

I hereby acknowledge receipt of the above described materials were received from the generator listed above and delivered to the disposal facility listed below without incident.

4128107 Driver Signature _ Shipment Date

2118103 Driver Signature **Delivery Date**

Gold - Generator Retain

Pink - Transporter Retain

DISPOSAL FACILITY Covel Gardens Landfill 210-623-8800 SITE NAME: PHONE NUMBER: 8611 Covel Road, San Antonio TX 78252 H2093 ADDRESS: FACILITY I.D. #: I hereby acknowledge receipt of the above described materials. Name of Authorized Agent (Print) Signature **Dr-Drum C-Carton P-Pounds CY-Cubic Yards GL-Gallons B-Bag**

Canary - Disposer Retain

White - Original Blue - Disposer Retain (Audit)

Jus# 04310270 Po# 8008635

Covel Gardens Landfill 554 8611 Covel Road San Antonio TX 78252 Pot 210-623-8800 / 210-623-6791 Fax



65244

NON-HAZARDOUS MANIFEST						
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity, US Ar 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	my 69026 I.D. #: SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exempt SWMU B-2 SAME SAME			
Description of	Waste Materials Ap	proval Number	Quantity	Units		
Soil from SWA	AU B-2 CG-	25591, C-7	_18	СУ		

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murphy	Bik. The 12/18/03
Generator Authorized Agent Name (Print)	Signature Delivery Date
	<u> </u>
TRANSPO	ORTER
Felix Maldanado Trucking TRANSPORTER NAME: ADDRESS: CITY/STATE: Felix Maldanado Trucking 11250 S Hwy 16 San Antonio, TX 78224	DRIVER NAME(Print): TRUCK NUMBER: PHONE #: Dan (Asguer 30(210-628-1605
I hereby acknowledge receipt of the above described materials to the disposal facility listed below without incident.	were received from the generator listed above and delivered <i>Dans Jongword JS</i> 18,03 Driver Signature Delivery Date
DISPOSAL	FACILITY
SITE NAME: ADDRESS: Covel Gardens Landfill 8611 Covel Road, San Antonio TX 78252	210-623-8800 PHONE NUMBER: FACILITY I.D. #:
I hereby acknowledge receipt of the above described material $\sqrt{9}$	s
Name of Authorized Agent (Print)	Signature Receipt/Date
Dr-Drum C-Carton B-Bag P-Pounds	CY-Cubic Yards GL-Gallons

White - Original Blue - Disposer Retain (Audit) Canary - Disposer Retain Pink - Transporter Retain

Jul# 04310270 Po# 8008635 Covel Gardens Landfill 8611 Covel Road San Antonio FX 78252 210-623-8800 / 210-623-6791 Fax WASTE MANAGEMENT, INC.

	NON-HAZARDO	US MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity, US Army 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	69026 I.D. #: SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exempt SWMU B-2 SAME SAME	
Description of	Waste Materials Approv	al Number	Quantity	Units
Soil from SWA	AU B-2 CG-255	91, C-7		СУ

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murphy	B-K.YW	12118100
Generator Authorized Agent Name (Print)	Signature	Delivery Date
TRAN	SPORTER	
Felix Maldanado Trucking TRANSPORTER M255 S Hwy 16 ADDRESS: San Antonio, TX 78224 CITY/STATE:	DRIVER NAME(Print): TRUCK NUMBER PHONE #:	<u> JANEII Bell</u> 366# 05

I hereby acknowledge receipt of the above described materials were received from the generator listed above and delivered to the disposal facility listed below without incident.

Genell Beel	12,18,03	
Driver Signature	Shipment Date	

el Bel 12,18,03 Signature Delivery Date

			DISPOSAL FA	CILITY			2
SITE NAME: ADDRESS:	Covel Gard 8611 Covel	lens Landfill Road, San Anto	nio TX 7 8252	P	HONE NUMBER: ACILITY I.D. #:	210-623-8800 H2093	<u>`````````````````````````````````````</u>
I hereby acknown	owledge receip	t of the above d Print)	escribed materials.	Signatu	Lire CO	Se	Keceipt Date
Dr-Drum	C-Carton	B-Bag	P-Pounds	CY-C	ubic Yards G	L-Gallons	
White - Original	Blue - Dispos	ser Retain (Audit)	Canary - Disposer	Retain	Pink - Transporter I	Retain Gold - (Generator Retain

Job # 800 8635

 Covel Gardens Landfill
 Job

 8611 Covel Road
 San Antonio TX 78252
 Po #

 210-623-8800 / 210-623-6791 Fax
 Pa
 Pa



	NON-HA	ZARDOUS MANIFEST		
GENERATOR:	Camp Stanley Storage Activity, US 25800 Ralph Fair Road	Army 69026 I.D. #:	TNRCC WC#: Exe SWMU B-2	npt
ADDRESS: CITY/ST:	Boerne, TX 78015	SHE LOCATION:	SAME	
PHONE:	210-698-5208 Attn: Brian K Murphy	CITY/ST:	SAME	
Description of	Waste Materials	PHONE: Approval Number	Quantity	Unite
Soil from SWN	UB-2	CG-25591. C-7	18	<u> </u>
I hereby certify t	hat the above described materials are	not hazardous wastes as de	fined by 40 CFR Part	261 and does not
classified and pa	ackaged, and are in proper condition for	or transportation according to	applicable regulation	s.
Brian K Murphy	· · · · · · · · · · · · · · · · · · ·	- Brik.	Ny/	12,18,03
Generator Autho	rized Agent Name (Print)	Signature	1	Delivery Date
	T)	
TRANSPORTEF ADDRESS: CITY/STATE:	Felix Maldanado Trucking 11250 S Hwy 16 San Antonio, TX 78224	DRIVER NAME(Pr TRUCK NUMBER PHONE #:	rint): <u>HAU</u> -628-1605	R/s
I hereby acknew to the disposal fa Driver Signature	acility listed below without incident.	naterials were received from	the generator listed at	bove and delivered) //_8/ Delivery Date ~
	DİSF	POSAL FACILITY	<u> </u>	?
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Antonio TX 78	3252 PHONE NU FACILITY I	210-623-88 JMBER: H2093 .D. #:	00
I hereby acknow	ledge receipt of the above described in the a	materials.		12/12/03 Receipt Date
Dr-Drum (C-Carton B-Bag P-Pou	Inds CY-Cubic Vard	s GL-Gallone	
White - Original	Blue - Disposer Betain (Audit) Capary	- Disposer Betain Pink - Tra	ansporter Betain Gol	



Covel Gardens Landfill Jos # 0431027 8611 Covel Road San Antonio TX 78252 Po# 800 8635 210-623-8800 / 210-623-6791 Fax

65247

WASTE MANAGEMENT, INC.

	NC	DN-HAZARDOL	IS MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activi 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	ity, US Army	69026 I.D. #: SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exe SWMU B-2 SAME SAME	npt
Description of	Naste Materials	Approv	al Number	Quantity	Units
Soll from SWM	О В-2	<i>CG</i> -2559	1, <i>C</i> -7		СУ
I hereby certify th contain free liquid classified and pa Brian K Murphy Generator Author	hat the above described materia ds as defined by 40 CFR Part 26 ckaged, and are in proper cond rized Agent Name (Print)	als are not haza 50.10 or any ap lition for transpo	plicable state law. Ha pritation according to a privation according to a britation according to a britation according to a	ned by 40 CFR Part ve been fully and acc applicable regulations	261 and does not curately described s. <u>12,18,05</u> Delivery Date
· · · · · · · · · · · · · · · · · · ·	~	TRANSPO			
	Felix Maldanado Tri	icking		105 1	3. Annia to
TRANSPORTER ADDRESS: CITY/STATE:	M255:S Hwy 16 San Antonio, TX 78224	anng	DRIVER NAME(Prin TRUCK NUMBER PHONE #:	nt): <u>3/3</u> 628-1605	<u> </u>
I hereby acknowle to the disposal fa	edge receipt of the above descriction of the above descriction of the above descriction of the above description of the a	ibed materials v nt.	vere received from th	e generator listed ab	ove and delivered
Driver Signature	Shipment	Date	Driver Signature	1_0	Delivery Date
		DISPOSAL FA	ACILITY		?
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Antonio	TX 78252	PHONE NUN FACILITY I.D	210-623-88 //BER: H2093). #:	00
I hereby acknowle	dge receipt of the above descr	ibed materials.	\mathcal{D}	zele	VI_116, 0.
Name of Authoriz	ea Agent (Print)		Signature		Receipt Date
Dr-Drum C	-Carton B-Bag F	P-Pounds	CY-Cubic Yards	GL-Gallons	
/hite - Original	Blue - Disposer Retain (Audit)	Canary - Disposer	Retain Pink - Trans	sporter Betain Gold	- Generator Rotain

Tot # () Covel Gardens Landfill 0431 0270 8611 Covel Road San Antonio TX 78252 Po# 8008635 210-623-8800 / 210-623-6791 Fax



65248

	NON-HAZARE	OUS MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity, US Arm 25800 Ralph Fair Road Boerne, TX 78015 210–698–5208 Attn: Brian K Murphy	y 69026 I.D. #: SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exempt SWMU B-2 SAME SAME	
Description of	Waste Materials App	roval Number	Quantity	Units
Soil from SWA	AU B-2 CG-2	5591, C-7	18	СУ

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murphy		BK. W	12 1/8/03
Generator Authorized Agent Name	(Print)	Signature	Delivery Date
		/	
	TRANSPO	RTER / /	
TRANSPORTER NAME ADDRESS: San Antonio, TX 7 CITY/STATE:	Idanado Trucking 18224	DRIVER NAME(Print): TRUCK NUMBER: PHONE #:	1605
I hereby acknowledge receipt of the to the disposal facility listed below w	above described materials v vithout incident.	vere received from the ge	enerator listed above and delivered $\sqrt{12/8}$
Driver Signature	Shipment Date	Driver Signature	Delivery Date
×	DISPOSAL F	ACILITY	~
SITE NAME: 8611 Covel Road, S ADDRESS:	ndfill San Antonio TX 78252	PHONE NUMBE FACILITY I.D. #:	210-623-8800 R: H2093
I hereby acknowledge receipt of the	above described materials.	Signature	=
	an D Doundo	CV Cubic Vordo	

DI-Dium	C-Carton	ъ-вау	F-Founds	CT-Cubic farus	GL-Ganons	j
					· · · · ·	
White - Original	Blue - Dispos	er Retain (Audit)	Canary - Disposer	Retain Pink - Tran	sporter Retain (Gold - Generator Betain

72971 Job # 04310200 Do# 8008635 Covel Gardens Landfill 8611 Covel Road San Antonio TX 78252 WASTE MANAGEMENT, INC. 210-623-8800 / 210-623-6791 Fax

	NOI	N-HAZARDOUS MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activ 25800 Ralph Fair Road Boerne, TX 78015 210–698–5208 Attn: Brian K Murphy	vity, US Army I.D. #: SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Ex SWMU B-20 SAME SAME	
Description of V	Vaste Materials	Approval Number	Quantity	Units
Soil from SW	MU B-2	CG-25591, C-3-	18	CY

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murphy	Bik. Mur	54104
Generator Authorized Agent Name (Print)	Signature	Delivery Date
	//	
TRANS	SPORTER U	
TRANSPORTER NAME. Felix Maldanado Trucking		DONALO A. HAYNES
ADDRESS: 11250 S Hwy 16	TRUCK NUMBER:	330 '
CITY/STATE: San Antonio, TX 78224	PHONE #: 210-628-160	5
I hereby acknowledge receipt of the above described materia to the disposal facility listed below without incident.	als were received from the generato	r listed above and delivered
	Bintor Gignatero	Dowory Duto
DISPOSA	L FACILITY	
SITE NAME: Covel Gardens Landfill ADDRESS: 8611 Covel Road, San Antonio TX 7825	PHONE NUMBER: FACILITY I.D. #:	210-623-8800 H2093
I hereby acknowledge receipt of the above described mater	rials.	
Name of Authorized Agent (Print)	Signature	S,4,04 Receipt Date

J25# 04310270 P0# 8008135

Covel Gardens Landfill 225-7 8611 Covel Road San Antonio TX 78252 210-623-8800 / 210-623-6791 Fax

WASTE MANAGEMENT, INC.

	NON-H/	AZAHDOUS MANIFESI		
	Camp Stanley Storage Activity,	US Army 69026	TNRCC WC#: Ex	entot
ADDRESS	25800 Ralph Fair Road	SITE LOCATION	SWAU B-27	Y
	Boerne, TX 78015	ONE ECOAHON.	SAME	
	210-698-5208	CITY/ST	SAME	
	Attn: Brian K Murphy	PHONE:		
Description of Wa	aste Materials	Approval Number	Quantity	Units
Soil from SWN	IU B-2	CG-25591,	18	CY
		6-1		
I hereby certify tha contain free liquids classified and pacl	t the above described materials ar as defined by 40 CFR Part 260.10 kaged, and are in proper condition	re not hazardous wastes as def) or any applicable state law. Ha for transportation according to	ined by 40 CFR Part ave been fully and ac applicable regulation	261 and does no curately described s.
Brian K Murphy	,	Brik.	W	5 4 109
Generator Authoriz	zed Agent Name (Print)	Signature	Λ	Delivery Date
			\mathcal{O}	
		TRANSPORTER	<u> </u>	
	Eality Maldanada Tayal		G AL	21.11-2-
TRANSPORTER N	NAME: reix malaanado iruck	DRIVER NAME(Pri	nt):	
ADDRESS:	11250 S Hwy 16	TRUCK NUMBER:	7Q	0
CITY/STATE:	San Antonio, TX 78224	PHONE #: 2	10-628-1605	
I hereby acknowled to the disposal fac	dge receipt of the above described ility listed below without incident.	materials were received from the	he generator listed at	bove and delivered
JOTOK.	Whester DD/DH/	04 , YITH K	·U/pesto)DJD+4/S
Driver Signature	Shipment Date	e Driver Signature		Delivery Date
	Dis	SPUSAL FACILITY		
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Antonio TX	X 78252 PHONE NU FACILITY I.	MBER: 210-623- D. #: H2093	8800
l bereby acknowle	due receipt of the above described	t materials		
nereby authome		(~)	.0.0	
Thomas	s Glenn	Macme	Hlen	<u></u>
Name of Authorize	ed Agent (Print)	Signature		Receipt Date
Dr-Drum C-	Carton B-Bag P-Po	ounds CY-Cubic Yard	s GL-Gallons	-
	-			

Covel Gardens Landfill JSE 04310270 8611 Covel Road San Antonio TX 78252 Pot 8008635 San Antonio TX 78252 210-623-8800 / 210-623-6791 Fax

WASTE MANAGEMENT, INC.

	NO	N-HAZARDOUS MANIFEST		•
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Acti 25800 Ralph Fair Road Boerne, TX 78015 210–698–5208 Attn: Brian K Murphy	vity, US Army I.D. #: SITE LOCATION CITY/ST: PHONE:	TNRCC WC#: EX SWMU B-2	semat V
Description of W	/aste Materials	Approval Number	Quantity	Units
Soil from SW	MU B-2# 89	CG-25591, C-7	18	Сү
hereby certify th contain free liquid classified and page	at the above described materia Is as defined by 40 CFR Part 26 ckaged, and are in proper cond	Is are not hazardous wastes as o 30.10 or any applicable state law. ition for transportation according	defined by 40 CFR Part Have been fully and ac to applicable regulation	261 and does no curately described s.
Brian K Murph	iy	Bik.s	n	5410
Generator Author	ized Agent Name (Print)	Signature	7/	Delivery Date
		TRANSPORTER		
TRANSPORTER ADDRESS: CITY/STATE: I hereby acknowle to the disposal fa Driver Signature	Felix Maldanado 7 11250 S Hwy 16 San Antonio, TX 78224 edge receipt of the above descr cility listed below without incide	rucking DRIVER NAME(TRUCK NUMBE PHONE #: ibed materials were received from nt. Ibed materials were received from nt. Ibed materials were received from Date	Print): $\underline{DAv_1 d}$ R: $\underline{31}$ 210-628-1605 In the generator listed al alc. re	AYAA Dove and delivered <u>5 7 2</u> Delivery Date
• /		·		-
		DISPOSAL FACILITY		
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Anton	DISPOSAL FACILITY no TX 78252 PHONE N FACILITY	NUMBER: 210-623- 1.D. #: H2093	-8800
SITE NAME: ADDRESS: I hereby acknowl	Covel Gardens Landfill 8611 Covel Road, San Anton edge receipt of the above desc	DISPOSAL FACILITY no TX 78252 PHONE 1 FACILITY ribed materials.	NUMBER: 210-623 ' I.D. #: H2093	-8800
SITE NAME: ADDRESS: I hereby acknowl	Covel Gardens Landfill 8611 Covel Road, San Antor edge receipt of the above desc Glenn	DISPOSAL FACILITY PHONE I FACILITY ribed materials.	NUMBER: 210-623 / I.D. #: H2093	-8800 51410
SITE NAME: ADDRESS: I hereby acknowl Thome Name of Authoriz	Covel Gardens Landfill 8611 Covel Road, San Antor edge receipt of the above desc Glenn ed Agent (Print)	DISPOSAL FACILITY nio TX 78252 PHONE I FACILITY ribed materials. Signature	NUMBER: 210-623 / I.D. #: H2093	-8800 <u>5 / 4 / 04</u> Receipt Date

Covel Gardens Landfill JoS 043/0270 8611 Covel Road San Antonio TX 78252 Po # 8008435 210-623-8800/210-623-6791 Fax

WASTE MANAGEMENT, INC.

	NON-HAZARDOUS MANIFEST				
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity, US Army 25800 Ralph Fair Road Boerne, TX 78015 210–698–5208 Attn: Brian K Murphy	69026 I.D. #: SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exempt SWMU B-2		
Description of Wa	aste Materials Approv	al Number	Quantity	Units	
Soil from SWN	UB-25 0 CG-25	591, E	_18	СУ	

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murphy			Bikn		514104
Generator Authorized A	gent Name (Print)		Signature		Delivery Date
			/		
		TRANSPO		/	
TRANSPORTER NAME ADDRESS: 112	- Felix Maldanac 50 S Hwy 16 Antonia TX 78224	lo Trucking	DRIVER NAME(Print): TRUCK NUMBER:	<u> (EFF)</u> 345	Loft
I hereby acknowledge r to the disposal facility li	eceipt of the above de	escribed materials	were received from the gene	rator listed abo	ve and delivered
Driver orgnature	Shipm	ent Date	Driver signature		<u>5,4,6</u> Delivery Date
		DISPOSAL F	ACILITY		
SITE NAME: Cov ADDRESS: 861	el Gardens Landfill 1 Covel Road, San An	tonio TX 78252	PHONE NUMBER: FACILITY I.D. #:	210-623-8 H2093	300
i hereby acknowledge r	eceipt of the above d	escribed materials			
Thomas G	enn		Thomas Men	-	5,4,05
Name of Authorized Ag	ent (Print)		Signature		Receipt Date
Dr-Drum C-Carto	on B-Bag	P-Pounds	CY-Cubic Yards G	L-Gallons	
White - Original Blue -	Disposer Retain (Audit)	Canary - Discose	r Retain Pink - Transporter I	Retain Gold	- Generator Betain

Jas #04310270 po # 8008635 Covel Gardens Landfill 8611 Covel Road San Antonio TX 78252 WASTE MANAGEMENT, INC. 210-623-8800 / 210-623-6791 Fax

<u>\</u>____

White - Original

Blue - Disposer Retain (Audit)

	N	ON-HAZARDOU	S MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Ac 25800 Ralph Fair Road Boerne, TX 78015 210–698–5208 Attn: Brian K Murphy	tivity, US Army	69026 I.D. #: SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Ex SWMU B-23 4 SAME SAME	empt
Description of W	aste Materials	Approva	al Number	Quantity	Units
Soil from SWA	NU B-2 RU	CG-25	591, 62 C- T	_1&	СУ
I hereby certify that contain free liquids classified and pack	at the above described mater as defined by 40 CFR Part 2 kaged, and are in proper con	ials are not haza 260.10 or any ap dition for transpo	rdous wastes as defin plicable state law. Hav prtation according to a	ned by 40 CFR Part ve been fully and acc applicable regulations	261 and does not urately described,
Brian K Murphy	/		B-K.M	X	5,4,00
Generator Authoriz	zed Agent Name (Print)		Signature	/	Delivery Date
		TRANSPO	RTER (/		
TRANSPORTER N ADDRESS: CITY/STATE:	Felix Maldanado 11250 S Hwy 16 San Antonio, TX 78224	Trucking	DRIVER NAME(Prin TRUCK NUMBER: PHONE #: 210	nt): <u>366-±</u> 0-628-1605	IL Bell
to the disposal faci	ility listed below without incid	ent.			
Driver Signature	Sul 5 / 9 Shipmer	nt Date	Driver Signature	Bul	<u>5 / 4</u> / 8 ¥ Delivery Date
	· ·	DISPOSAL F	ACILITY]
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Anto	nio TX 78252	PHONE NUN FACILITY I.E	ABER: 210-623-8). #: H2093	3800
I hereby acknowle	dge receipt of the above des	cribed materials.			
Name of Authorize	Glenn d Agent (Print)		<u> </u>	llar	S, 4,04 Receipt Date
Dr-Drum C-	Carton B-Bag	P-Pounds	CY-Cubic Yards	GL-Gallons	

Canary - Disposer Retain

Pink - Transporter Retain

72976

Jos# 04310270 po# 8008635 Covel Gardens Landfill 8611 Covel Road San Antonio TX 78252 210-623-8800 / 210-623-6791 Fax

ì.....

White - Original

Blue - Disposer Retain (Audit)

WASTE MANAGEMENT, INC.

Comp Stanley Storage Activity US	······		
25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	LD. #: SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: EX SWMU B-2 7 K SAME SAME SAME	empt 2
ste Materials Ar	proval Number	Quantity	Units
	G-25591, C-7	18	СУ
the above described materials are not as defined by 40 CFR Part 260.10 or a aged, and are in proper condition for tr ed Agent Name (Print)	hazardous wastes as definy applicable state law. Hat an an an according to a \underline{B}	ned by 40 CFR Part ve been fully and acc applicable regulations	261 and does no urately described
TRAN	ISPORTER /	·	
_{AME:} Felix Maldanado Trucking 11250 S Hwy 16 San Antonio, TX 78224	DRIVER NAME(Prin TRUCK NUMBER: PHONE #: 21	nt): 2014 / / / / / / / / / / / / / / / / / / /	?. Whise
ge receipt of the above described mate ity listed below without incident.	erials were received from th	e generator listed ab	ove and delivere
DISPOS	AL FACILITY		
Covel Gardens Landfill 8611 Covel Road, San Antonio TX 782	252 PHONE NUI FACILITY I.I	MBER: 210-623-6). #: H2093	3800
lge receipt of the above described mat	erials.		
Glenn d Agent (Print)		Nen	S / 4 /04 Receipt Date
	Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy iste Materials Ar U B-2 U B-2 O t the above described materials are not as defined by 40 CFR Part 260.10 or al aged, and are in proper condition for tr ed Agent Name (Print) TRAM AME: Felix Maldanado Trucking 11250 S Hwy 16 San Antonio, TX 78224 Ige receipt of the above described materials ity listed below without incident. DISPOS Covel Gardens Landfill 8611 Covel Road, San Antonio TX 782 dge receipt of the above described materials DISPOS	Boerne, TX 78015 SITE LOCATION: 210-698-5208 CITY/ST: Attn: Brian K Murphy PHONE: iste Materials Approval Number U B-2 CG-25591, CC It the above described materials are not hazardous wastes as defined by 40 CFR Part 260.10 or any applicable state law. Ha aged, and are in proper condition for transportation according to a gradient of the above described materials may applicable state law. Ha aged, and are in proper condition for transportation according to a gradient of the above described materials were received from the lity listed below without incident. IAME: Felix Maldanado Trucking DRIVER NAME(Print TRUCK NUMBER: PHONE #: 21 Ige receipt of the above described materials were received from the lity listed below without incident. DISPOSAL FACILITY Covel Gardens Landfill DISPOSAL FACILITY Gige receipt of the above described materials. PHONE NUM FACILITY I.I. dage receipt of the above described materials. Signature	Boerne, TX 78015 SHE LOCATION: SAME 210-698-5208 CITY/ST: SAME Attn: Brian K Murphy PHONE: SAME iste Materials Approval Number Quantity U B-2 C6-25591, C K It the above described materials are not hazardous wastes as defined by 40 CFB Part as defined by 40 CFB Part 260.10 or any applicable state law. Have been fully and accardaged, and are in proper condition for transportation according to applicable regulations Materials Materials It the above described materials are not hazardous wastes as defined by 40 CFB Part as defined by 40 CFB Part 260.10 or any applicable state law. Have been fully and accardaged, and are in proper condition for transportation according to applicable regulations It the above described materials are not hazardous wastes as defined by 40 CFB Part as defined by 40 CFB Part 260.10 or any applicable state law. Have been fully and accardaged, and are in proper condition for transportation according to applicable regulations It the above described materials were received from the part 200-628-1605 Izer receipt of the above described materials were received from the generator listed ab lify listed below without incident. It juict below without incident. It juict below without incident. It juict below as an Antonio TX 78252 PHONE NUMBER: 210-623-6 It juict below described materials.

Canary - Disposer Retain

Pink - Transporter Retain

Covel Gardens Landfill Jab 4043/0270 8611 Covel Road San Antonio TX 78252 Pof 8008635 San Antonio TX 78252 210-623-8800 / 210-623-6791 Fax

WASTE MANAGEMENT, INC.

NON-HAZARDOUS MANIFEST									
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity, US Army 25800 Ralph Fair Road Boerne, TX 78015 210–698–5208 Attn: Brian K Murphy	69026 I.D. #: SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exe SWMU B-2	apt					
Description of Wa	aste Materiais Approv	al Number	Quantity	Units					
Soil from SWN	UB-23 CG-25	591, C-7	18	CY					
I hereby certify tha contain free liquids classified and pack	t the above described materials are not haze as defined by 40 CFR Part 260.10 or any ap aged, and are in proper condition for transp	ardous wastes as define plicable state law. Have ortation according to ap	ed by 40 CFR Part 2 been fully and accu plicable regulations.	261 and does not urately described,					
Brian K Murphy	,	B~K. 14	1	Signar					
Generator Authoriz	ed Agent Name (Print)	Signature	/	Delivery Date					
TRANSPORTER									
TRANSPORTER N ADDRESS: CITY/STATE:	IAME: Felix Maldanado Trucking 11250 S Hwy 16 San Antonio, TX 78224	DRIVER NAME(Print) TRUCK NUMBER: PHONE #: 210-	-628-1605	AYALA 11					
I hereby acknowled to the disposal faci	dge receipt of the above described materials lity listed below without incident. 5/4/04	were received from the	generator listed abo	ove and delivered					
Driver Signature	Shipment Date	Driver Signature		Delivery Date					
,									
DISPOSAL FACILITY									
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Antonio TX 78252	PHONE NUME FACILITY I.D.	BER: 210-623-8 #: H2093	800					
I hereby acknowled	dge receipt of the above described materials	s. <u>Ilenn</u> Signature	Dehrem	S-U-J Receipt Date					

Dr-Drum	C-Carton	B-Bag	P-Pounds	CY-Cubic Yards	GL-Gallons	
White - Original	Blue - Dispose	r Retain (Audit)	Canary - Disposer R	etain Pink - Transport	er Retain Gold	- Generator Retain
Jos#04310270 Po#8008635 Covel Gardens Landfill

8611 Covel Road San Antonio TX 78252 210-623-8800 / 210-623-6791 Fax

White - Original

Blue - Disposer Retain (Audit)

WASTE MANAGEMENT, INC.

		N	ION-HAZARDOU	S MANIFEST			
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stan 25800 Ralı Boerne, TX 210-698-55 Attn: Briar	ley Storage Ac oh Fair Road 78015 208 6 K Murphy	tivity, US Army	69026 I.D. #: SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: EX SWMU B-2	empt	
Description of W	aste Materia	s	Approv	al Number	Quantity	Units	
Soil from SW	wu b-2 3 (A)∕		<i>CG</i> -25	591, EE C-7	18	СУ	
I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.							
Brian K Murph	у			Brik. 74		514104	
Generator Author	ized Agent Na	ime (Print)		Signature		Delivery Date	
			TRANSPO	RTER			
TRANSPORTER ADDRESS: CITY/STATE:	NAME: Fe 11250 S Hu San Antoni	elix Maldanado vy 16 o, TX 78224	Trucking	DRIVER NAME(Print) TRUCK NUMBER: PHONE #: 210-): <u>(1277</u> -628-1605	Lopa 15	
I hereby acknowle to the disposal fac	dge receipt of cility listed being	the above des	cribed materials	were received from the	generator listed ab	ove and delivered	
Priver Signature	d	Shipme	nt Date	Driver/Signature	0	Delivery Date	
DISPOSAL FACILITY							
SITE NAME: ADDRESS:	Covel Gard 8611 Covel	ens Landfill Road, San Anto	onio TX 78252	PHONE NUM FACILITY I.D.	BER: 210-623-6 #: H2093	3800	
I hereby acknowle <u>UNN</u> Name of Authorize	edge receipt o 5 ed Agent (Prir	t the above des Schools it)	scribed materials.	Signature	Cohner	ST4H Receipt Date	
Dr-Drum C	-Carton	B-Bag	P-Pounds	CY-Cubic Yards	GL-Gallons		

Canary - Disposer Retain

Pink - Transporter Retain

Jost 01310270

WASTE MANAGEMENT, INC.

72979

	N	ON-HAZARDOUS MANI	EST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Ac 25800 Ralph Fair Road Boerne, TX 78015 210–698–5208 Attn: Brian K Murphy	tivity, US Army I.D. #: SITE L CITY/S PHONE	69026 OCATION: T:	TNRCC WC#: Exempt SWMU B-2	
Description of W	aste Materials	Approval Numb	er	Quantity	Units
Soil from SW	MU B-23 RJ	CG-25591, CG	;	18_	CY

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murphy	Bik. W	5T 4 a
Generator Authorized Agent Name (Print)	Signature	Delivery Date
TRANS	PORTER	
TRANSPORTER NAME: ADDRESS: CITY/STATE: Felix Maldanado Trucking 11250 S Hwy 16 San Antonio, TX 78224	DRIVER NAME(Print): TRUCK NUMBER: PHONE #: 210-628	<u>Donialo A HHyw=</u> <u>530</u> -1605
L hereby acknowledge receipt of the above described materia	uls were received from the gen	erator listed above and delivered

to the disposal facility listed below without incident.

Junao 5 14 104 Driver Signature Shipment Date

mild A Humas

5 / 4 / 9 Delivery Date

Driver Signature

DISPOSAL FACILITY Covel Gardens Landfill SITE NAME:

8611 Covel Road, San Antonio TX 78252

PHONE NUMBER: FACILITY I.D. #:

210-623-8800 H2093

I hereby acknowledge receipt of the above described materials.

. Le

Name c	of Authorized	I Agent	(Print)

ADDRESS:

Dr-Drum	C-Carton	B-Bag	P-Pounds	CY-Ci	ubic Yards	GL-Gallon	S
White - Original	Blue - Dispos	ser Retain (Audit)	Canary - Dispose	r Retain	Pink - Transporter	Retain	Gold - Generator Retain

Jos# 04310270 Po# 8008635 Covel Gardens Landfill 8611 Covel Road San Antonio TX 78252 WASTE MANAGEMENT, INC. 210-623-8800 / 210-623-6791 Fax

			NON-HAZARDOU	S MANIFEST				
GENERATOR ADDRESS: CITY/ST: PHONE:	Camp Sta 25800 R Boerne, 210-698 Attn: Br	anley Storage alph Fair Road TX 78015 5208 ian K Murphy	Activity, US Army	I.D. #: SITE LOCATI CITY/ST: PHONE:	26 TN ON: SV SV SV	NRCC WC#: 1 WMU B-2 AME AME	Exempt	
Description o	of Waste Mater	ials	Approv	al Number) Q i	uantity	Ĺ	Inits
Soil from S	5WMU B-2	a)	CG-25	591, 55 C- 7		18		Су
I hereby certify contain free liq classified and	y that the above juids as defined packaged, and	e described ma I by 40 CFR Pa are in proper c	terials are not haza art 260.10 or any ap condition for transpo	rdous wastes a plicable state la prtation accordir	s defined b w. Have be ig to applic	ey 40 CFR Pa en fully and a able regulation	art 261 and accurately o ons.	does not described,
Brian K Mu	rphy			BiK.	nil		حى ا	GAOR
Generator Aut	horized Agent	Name (Print)		Signature	7/		Deliv	very Date
			TRANSPO	RTER	+/-			
TRANSPORTE ADDRESS: CITY/STATE: I hereby ackno to the disposal	ER NAME: 11250 S I San Anto wledge receipt I facility listed b L	Felix Maldana Hwy 16 onio, TX 78224 of the above d elow without in <u>f 5</u> Shipn	do Trucking escribed materials v cident. <u>4</u> <u>0</u> nent Date	DRIVER NAM TRUCK NUM PHONE #: were received fr were received fr Driver Signa	E(Print): 3ER: 210-628 rom the gen	<u>366</u> 3-1605 herator listed	above and	delivered
		•	DISPOSAL F	ACILITY				
SITE NAME: ADDRESS: I hereby ackno Name of Autho	Covel Gar 8611 Cove owledge receipt orized Agent (F	rdens Landfill el Road, San An of the above of rint)	ntonio TX 78252 described materials	PHONI FACILI Signature	E NUMBER TY I.D. #:	210-62 H2093	3-8800	y / y ipt pate
Dr-Drum	C-Carton	B-Bag	P-Pounds	CY-Cubic	Yards	GL-Gallons	······································	
White - Original	Blue - Dispos	er Retain (Audit)	Canary - Dispose	r Retain Pink	- Transporter	r Retain G	iold - Genera	ator Retain





White - Original

Blue - Disposer Retain (Audit)

WASTE MANAGEMENT, INC.

NON-HAZARDOUS MANIFEST						
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Act 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	ivity, US Army I.D. #: SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exe SWMU B-2	mp†		
Description of W	aste Materials	Approval Number	Quantity	Units		
Soil from SW	NU B-2 ₹ RD	CG-25591,755 C-7	18	СУ		

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murphy	Brill. M	5400
Generator Authorized Agent Name (Print)	Signature /	Delivery Date
	- ()	-
TRANSPO	DRTER	
TRANSPORTER NAME Felix Maldanado Trucking ADDRESS: 11250 S Hwy 16 CITY/STATE: San Antonio, TX 78224	DRIVER NAME(Print):	t f. Whister
I hereby acknowledge receipt of the above described materials to the disposal facility listed below without incident.	were received from the generator list	
Driver Signature Shipment Date	Driver Signature	Delivery Date
DISPOSAL F	ACILITY	——··
SITE NAME: ADDRESS: Covel Gardens Landfill 8611 Covel Road, San Antonio TX 78252	PHONE NUMBER: 210- FACILITY I.D. #: H20	623-8800 093
I hereby acknowledge receipt of the above described materials		_
Thomas Glenn Name of Authorized Agent (Print)	Signature	Beceipt Pate
Dr-Drum C-Carton B-Bag P-Pounds	<u>Humas Ml 5-</u> CY-Cubic Yards GL-Gallo	4-04 ns

Canary - Disposer Retain

Pink - Transporter Retain

 Covel Gardens Landfill
 Jas # 0431 0270

 8611 Covel Road
 San Antonio TX 78252
 Pott Sco 8635

 210-623-8800 / 210-623-6791 Fax
 W

WASTE MANAGEMENT, INC.

	NON-HAZARDO	US MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity, US Arm 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	y 69026 I.D. #: SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exempt SWMU B-2 SAME SAME	÷
Description of V	Vaste Materials Appro	oval Number	Quantity	Units
Soil from SW	MUB-25 CG-2	5591, 55 C~7		Сү

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murp	hy			Bit. W			5412
Generator Autho	prized Agent Na	me (Print)		Signature			Delivery Date
			TRANSPO				
TRANSPORTEF ADDRESS: CITY/STATE:	R NAME: Fe 11250 S Hw San Antonia	lix Maldanado Tri y 16 y, TX 78224	ucking	DRIVER NAME(Print) TRUCK NUMBER: PHONE #: 210-	: Î 628-16)AUID A 311 05	<u>4A(A</u>
I hereby acknow to the disposal fa	ledge receipt of acility listed belo	the above describ w without incident <u>5 / 4 /</u> Shipment D	ed materials v o <i>4</i> Date	vere received from the	generat	or listed abo	ve and delivered
			DISPOSAL F	ACILITY			
SITE NAME: ADDRESS:	Covel Garde 8611 Covel R	ns Landfill load, San Antonio	TX 78252	PHONE NUME FACILITY I.D.	3ER: #:	210-623-88 H2093	300
I hereby acknow	ledge receipt of	the above descril	oed materials.				
Name of Authorit	zed Agent (Print	1 <i>0</i>		<u> </u>	HL	<u> </u>	S / J / v J Receipt Date
Dr-Drum (C-Carton	B-Bag P.	Pounds	CY-Cubic Yards	GL-	Gallons	
White - Original	Blue - Disposer F	Retain (Audit) Ca	inary - Disposer	Retain Pink - Transp	orter Ret	ain Gold -	Generator Retain

Gold - Generator Retain

Pink - Transporter Retain

 Covel Gardens Landfill
 Jale 4043/0270

 8611 Covel Road
 Po # 8008635

 San Antonio TX 78252
 Po # 8008635

 210-623-8800 / 210-623-6791 Fax
 WASTE MANAGEMENT, INC.

	NON	I-HAZARDOUS MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activ 25800 Ralph Fair Road Boerne, TX 78015 210–698–5208 Attn: Brian K Murphy	ity, US Army 69026 I.D. #: SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Ex SWMU B-23	
Description of V	Vaste Materials	Approval Number	Quantity	Units
Soil from SW	MU B-23 M	CG-25591, CF	18	СУ

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murphy	P=K.M 5	1410
Generator Authorized Agent Name (Print)	Signature / Deli	very Date
	V	
TRANSPO	DRTER	
TRANSPORTER NAME: Felix Maldanado Trucking	DRIVER NAME(Print):	fe o
CITY/STATE: San Antonio, TX 78224	PHONE #: 210-628-1605	
hereby acknowledge receipt of the above described materials	were received from the generator listed above and	l delivered /
to the disposal facility listed below without incident.	X 2 5	<u>4,04</u>
Driver Signature Shipment Date	Driver Signature Deliv	very Date
DISPOSAL F	FACILITY	
SITE NAME: Covel Gardens Landfill ADDRESS: 6611 Covel Road, San Antonio TX 78252	PHONE NUMBER: 210-623-8800 FACILITY I.D. #: H2093	
i hereby acknowledge receipt of the above described materials	Э.	,
Thomas Glenn	Thomas Ble 5	4 jol
Name of Authorized Agent (Print)	Signature Rece	pipt Date
Dr-Drum C-Carton B-Bag P-Pounds	CY-Cubic Yards GL-Gallons	

Canary - Disposer Retain

White - Original

Blue - Disposer Retain (Audit)

Covel Gardens Landfill 8611 Covel Road San Antonia TX 78252

505# 0431 0270 Po# 8008635

WASTE MANAGEMENT. INC.

210-623-8800 / 210-623-6791 Fax

	NON-HAZARDOU	JS MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity, US Army 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	69026 I.D. #: SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exempt SWMU B-25 SAME SAME	
Description of V	Vaste Materials Approv	al Number	Quantity	Units
Soil from SW	MU B-2∰ CG-25	591, 55 C-7	_18_	Су

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murphy

Generator Authorized Agent Name (Print)

TRANSPORTER

Felix Maldanado Trucking TRANSPORTER NAME: 11250 S Hwy 16 ADDRESS: San Antonio, TX 78224 CITY/STATE:

DRIVER NAME(Print): TRUCK NUMBER: 210-628-1605 PHONE #:

Devalo A HAYNES

I hereby acknowledge receipt of the above described materials were received from the generator listed above and delivered to the disposal facility listed below without incident.

Shipment Date

Driver Signature

militation 5 14 1000 Delivery Date

Driver Signature

Signature

<u>5 | 4 |04</u> Delivery Date

DISPOSAL FACILITY

SITE NAME: ADDRESS:

Covel Gardens Landfill 8611 Covel Road, San Antonio TX 78252

PHONE NUMBER: FACILITY I.D. #:

210-623-8800 H2093

I hereby acknowledge receipt of the above described materials.

Komas Glonin Name of Authorized Agent (Print)

C-Carton

hopes Hle Receipt Date Signature

P-Pounds

GL-Gallons

White - Original

Dr-Drum

B-Bag Blue - Disposer Retain (Audit)

Canary - Disposer Retain

Pink - Transporter Retain

CY-Cubic Yards

Covel Gardens Landfill	Jast	0431	0270		
8611 Covel Road	0.14	Card	>		
San Antonio TX 78252	pag	80000	,SS		
210-623-8800 / 210-623-6791 Fax					

White - Original

Blue - Disposer Retain (Audit)



NON-HAZARDOUS MANIFEST					
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity, US Army 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	JS Army 69026 I.D. #: SITE LOCATION: CITY/ST:	TNRCC WC#: Exempt SWMU B-2 3 RQ SAME SAME		
		PHONE:			
Description of Waste Materials		Approval Number	Quantity	Units	
Soil from SWMU B-23 RJ		CG-25591,557	_18_	Сү	

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murphy	Bin 15. MN 514 104
Generator Authorized Agent Name (Print)	Signature Delivery Date
	[]
TRAN	SPORTER
TRANSPORTER NAME: Felix Maldanado Trucking ADDRESS: 11250 S Hwy 16 CITY/STATE: San Antonio, TX 78224	DRIVER NAME(Print): $366 \#$ TRUCK NUMBER: $366 \#$ PHONE #: 210-628-1605
I hereby acknowledge receipt of the above described mater to the disposal facility listed below without incident.	rials were received from the generator listed above and delivered
(Almel Bel B, 9, 04	(Amel Buf 5, 4, 04
Driver Signature Shipment Date	Driver Signature Delivery Date
DISPOS	
SITE NAME: Covel Gardens Landfill ADDRESS: 8611 Covel Road, San Antonio TX 782	52 PHONE NUMBER: 210-623-8800 FACILITY I.D. #: H2093
I hereby acknowledge receipt of the above described mate	erials.
Thomas Glenn	Themes He 5,4,04
Name of Authorized Agent (Print)	Signature Receipt Date
Dr-Drum C-Carton B-Bag P-Pounds	CY-Cubic Yards GL-Gallons

Canary - Disposer Retain

Pink - Transporter Retain

Jos # 04 310270 Po# 8008635

WASTE MANAGEMENT. INC.

	NON-HA	ZARDOUS MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity, 25800 Ralph Fair Road Boerne, TX 78015 210–698–5208 Attn: Brian K Murphy	US Army 69026 I.D. #: SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exempt SWMU B-23 SAME SAME	
Description of Waste Materials		Approval Number	Quantity	Units
Soil from SWMU B-2		CG-25591,55	18	CY

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Mu	rphy
------------	------

Generator Authorized Agent Name (Print)

Signature

Delivery Date

72986

TRANSPORTER

TRANSPORTER NAME 11250 S Hwy 16 CITY/STATE:

Felix Maldanado Trucking San Antonio, TX 78224

DRIVER NAME(Print): TRUCK NUMBER: 210-628-1605 PHONE #:

i hereby acknowledge receipt of the above described materials were received from the generator listed above and delivered to the disposal facility listed below without incident.

Driver Signature

Driver Signature

DISPOSAL FACILITY

SITE NAME: ADDRESS:

Covel Gardens Landfill 8611 Covel Road, San Antonio TX 78252

PHONE NUMBER: FACILITY I.D. #:

210-623-8800 H2093

I hereby acknowledge receipt of the above described materials.

B-Bag

THOMAS Olfnn

Name of Authorized Agent (Print)

C-Carton

Thomas	M	 5,
Non at the	-0	 Dee

Signature

Gold - Generator Retain

Dr-Drum White - Original

Blue - Disposer Retain (Audit)

P-Pounds

Canary - Disposer Retain Pink - Transporter Retain

CY-Cubic Yards GL-Gallons

72987

 Covel Gardens Landfill
 Job # 0431 0270

 8611 Covel Road
 Po # 8008635

 San Antonio TX 78252
 210-623-8800 / 210-623-6791 Fax

WASTE MANAGEMENT, INC.

NON-HAZARDOUS MANIFEST Camp Stanley Storage Activity, US Army TNRCC WC#: Exempt 69026 1.D. #: GENERATOR: 25800 Ralph Fair Road SWMU B-25 🖇 ADDRESS: SITE LOCATION: Boerne, TX 78015 SAME CITY/ST: 210-698-5208 SAME PHONE: CITY/ST: Attn: Brian K Murphy PHONE: **Description of Waste Materials Approval Number** Quantity Units Soil from SWMU B-2 CG-25591, CY

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Dr-Drum	C-Carton	B-Bag	P-Pounds	CY-Cubic Yards	GL-Gallons	3
I hereby ack <u>Thou</u> Name of Aut	nowledge receipt <u>A.S. Glenn</u> thorized Agent (Pr	of the above int)	described material	s. <u> </u>	lı	S_/ <u>4_/04</u> Receipt Date
SITE NAME: ADDRESS:	Covel Gar 8611 Cove	dens Landfil I Road, San /	l Antonio TX 78252	PHONE NUME FACILITY I.D.	BER: 210-62 #: H209	23-8800 3
			DISPOSAL	FACILITY		
TRANSPOR ADDRESS: CITY/STATE I hereby ack to the dispose Driver signa	TER NAME: 11250 S H San Anton nowledge receipt sal facility listed be ture	Felix Maldan twy 16 nio, TX 7822 of the above elow without Ship	ado Trucking 4 described materials incident.	DRIVER NAME(Print): TRUCK NUMBER: PHONE #: 210- were received from the Driver Signature	628-1605 generator listed	above and delivered 5,4,64 Delivery Date
			TRANSPO	ORTER		1
Generator A	uthorized Agent N	lame (Print)		Signature	,	Delivery Date
Brian K N	Aurphy			Bik. m	/	514104

WASTE MANAGEMENT. INC.

NON-HAZARDOUS MANIFEST Camp Stanley Storage Activity, US Army 69026 TNRCC WC#: Exempt I.D. #: GENERATOR: SWMU B-23 25800 Ralph Fair Road ADDRESS: SITE LOCATION: Boerne, TX 78015 SAME CITY/ST: 210-698-5208 SAME PHONE: CITY/ST: Attn: Brian K Murphy PHONE: **Description of Waste Materials** Approval Number Quantity Units Soil from SWMU B-2 CG-25591, 65 8 CУ

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murph	y	BirK. M	5,401
Generator Authori	zed Agent Name (Print)	Signature	Delivery Date
		V	
	TRANSPO	RTER	
TRANSPORTER I	NAME: Felix Maldanado Trucking 11250 S Hwy 16	DRIVER NAME(Print):	DAUIS AVACA 311
CITY/STATE:	San Antonio, TX 78224	PHONE #: 210-628-:	1605
I hereby acknowle to the disposal fac Univer Signature	dge receipt of the above described materials without incident.	were received from the gener Diver Signature	rator listed above and delivered
	DISPOSAL F	ACILITY	
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Antonio TX 78252	PHONE NUMBER: FACILITY I.D. #:	210-623-8800 H2093
i hereby acknowle	dge receipt of the above described materials.		

Momar Glenn

White - Original

Name of	Authorized	Agent	(Print)
---------	------------	-------	---------

Themes	Ne	$_{-}$ $> / 4/04$
Signature	•	Receipt Date

eceipt Date

Dr-Drum C-Carton B-Bag

P-Pounds Blue - Disposer Retain (Audit) Canary - Disposer Retain

CY-Cubic Yards

GL-Gallons

Pink - Transporter Retain

Gold - Generator Retain

72988

Jos# 04310270 Po# 8008635

	,		12000
Covel Gardens Landfill	Jast	04310270	
8611 Covel Road	ate	008135	
San Antonio TX 78252	No to		
210-623-8800 / 210-623-	6791 Fax	WA	STE MANAGEMENT, INC.

NON-HAZARDOUS MANIFEST						
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Act 25800 Ralph Fair Road Boerne, TX 78015 210–698–5208 Attn: Brian K Murphy	vity, US Army 6902 I.D. #: SITE LOCATIC CITY/ST: PHONE:	26 TNRCC WC#: Exemp ON: SWMU B-2 3 SAME SAME	t		
Description of V	Vaste Materials	Approval Number	Quantity	Units		
Soil from SW	MU B-25 KJ	CG-25591,₩ C	8	Сү		

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murphy

Generator Authorized Agent Name (Print)

Signature

Delivery Date

72929

TRANSPORTER

TRANSPORTER NAME 11250 S Hwy 16 ADDRESS: CITY/STATE:

Felix Maldanado Trucking San Antonio, TX 78224

DRIVER NAME(Print): TRUCK NUMBER 210-628-1605 PHONE #:

Donald A. Hay NEC

I hereby acknowledge receipt of the above described materials were received from the generator listed above and delivered to the disposal facility listed below without incident.

Huld A. Humes 51 41 04 Signature Shipment Date **Driver Signature**

Ornell Ar Haynes Driver Signature

<u>5 K Idt</u> Delivery Date

DISPOSAL FACILITY

SITE NAME: ADDRESS:

Covel Gardens Landfill 8611 Covel Road, San Antonio TX 78252

PHONE NUMBER: FACILITY I.D. #:

210-623-8800 H2093

I hereby acknowledge receipt of the above described materials.

B-Bag

Thomas JEAN

C-Carton

Shames	Her	5,4,0
Signature	0	Receipt Date

GL-Gallons

Name of Authorized Agent (Print)

Hecelpt Date

Dr-Drum White - Original

Blue - Disposer Retain (Audit)

Canary - Disposer Retain

P-Pounds

Pink - Transporter Retain

CY-Cubic Yards

72990

Jult 8008635

WASTE MANAGEMENT, INC.

	NON-HAZARDO	US MANIFEST		_
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity, US Arm 25800 Ralph Fair Road Boerne, TX 78015 210–698–5208	y 69026 I.D. #: SITE LOCATION:	TNRCC WC#: Exercit SWMU B-2	
	Attn: Brian K Murphy	CITY/ST: PHON <u>E:</u>		
Description of W	Vaste Materials Appro	val Number	Quantity	Units
Soil from SW	MU B-25 / CG-2	5591, C=7	18	СУ

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murphy	B-K- 2/104
Generator Authorized Agent Name (Print)	Signature Delivery Date
TRANSPOR	ITER V
TBANSPORTER NAME. Felix Maldanado Trucking	DBIVER NAME(Print) JONE 11 Bell
ADDBESS: 11250 S Hwy 16	TRUCK NUMBER: 366#
CITY/STATE: San Antonio, TX 78224	PHONE #: 210-628-1605
I hereby acknowledge receipt of the above described materials we to the disposal facility listed below without incident.	ere received from the generator listed above and delivered
(Nomell Bell 5, 4,04	(Mmell Beel 5 14 04
Bryer Signature Shipment Date	Driver Signature Delivery Date
DISPOSAL FA	CILITY
SITE NAME: Covel Gardens Landfill ADDRESS: 8611 Covel Road, San Antonio TX 78252	PHONE NUMBER: 210-623-8800 FACILITY I.D. #: H2093
I hereby acknowledge receipt of the above described materials.	Denub Celuit 5,4,4 Signature Receipt Date

 Dr-Drum
 C-Carton
 B-Bag
 P-Pounds
 CY-Cubic Yards
 GL-Gallons

 White - Original
 Blue - Disposer Retain (Audit)
 Canary - Disposer Retain
 Pink - Transporter Retain
 Gold - Generator Retain

Jos# 04310270

WASTE MANAGEMENT, INC.

	NO	N-HAZARDOUS MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activ 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	vity, US Army 69026 I.D. #: SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: E SWMU B-2 5 SAME SAME	xempt Ju
Description of W	aste Materials	Approval Number	Quantity	Units
Soil from SW	MU B-2	CG-25591, 55	18_	Сү

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to Applicable regulations.

Brian K Murphy

Generator Authorized Agent Name (Print)

Signature

Delivery Date

72991

TRANSPORTER

TRANSPORTER NAME ADDRESS: CITY/STATE:

Felix Maldanado Trucking San Antonio, TX 78224

DRIVER NAME(Print): TRUCK NUMBER: 210-628-1605

jenalo A. Laynes

I hereby acknowledge receipt of the above described materials were received from the generator listed above and delivered to the disposal facility listed below without incident.

mild AI Happin 517104 Driver Signature

melil A. Hupas

<u> インノタ</u> Delivery Date

Driver Signature

DISPOSAL FACILITY

SITE NAME: ADDRESS:

Covel Gardens Landfill 8611 Covel Road, San Antonio TX 78252

PHONE NUMBER: FACILITY I.D. #:

210-623-8800 H2093

I hereby acknowledge receipt of the above described materials.

B-Bag

homas GAN

C-Carton

Name of Authorized Agent (Print)

 Shows	Ble	5171
	-	

GL-Gallons

Signature

CY-Cubic Yards

Receipt Date

Dr-Drum White - Original

Blue - Disposer Retain (Audit)

P-Pounds

Canary - Disposer Retain Pink - Transporter Retain

Covel Gardens Landfill 505# 043/0270 8611 Covel Road San Antonio TX 78252 210-623-8800 / 210-623-6791 Fax

WASTE MANAGEMENT, INC.

	NON-HAZARD	OUS MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity, US Arr 25800 Ralph Fair Road Boerne, TX 78015 210–698–5208 Attn: Brian K Murphy	TTY 69026 I.D. #: SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Ex SWMU B-2	sempt
Description of W	/aste Materials Appr	oval Number	Quantity	Units
Soil from SW	MUB-25 CG-	25591, C -7 Ja	18	Су
I hereby certify th contain free liquid classified and pac	at the above described materials are not has s as defined by 40 CFR Part 260.10 or any ckaged, and are in proper condition for trans	azardous wastes as defir applicable state law. Hay sportation according to a	ned by 40 CFR Part ve been fully and ac pplicable regulation	261 and does not curately described, s.
Brian K Murph	У	BrK. P	7	577104
Generator Author	ized Agent Name (Print)	Signature	/	Delivery Date
	TRANS	PORTER		,
TRANSPORTER ADDRESS: CITY/STATE:	NAME: Felix Maldanado Trucking 11250 S Hwy 16 San Antonio, TX 78224	DRIVER NAME(Prin TRUCK NUMBER: PHONE #: 210	t): <u>Varid</u> -628-1605	<u>. 589001</u>
I hereby acknowled to the disposal fac Diver Signature	edge receipt of the above described materia cility listed below without incident. <u>A</u> Shipment Date	Is were received from the Driver Signature	e generator listed at	bove and delivered
	DISPOSAL			
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Antonio TX 78252	2 PHONE NUM FACILITY I.D	1BER: 210-623- . #: H2093	8800
I hereby acknowle	edge receipt of the above described materia	als.		
Name of Authoriz	ed Agent (Print)	<u> </u>	Jsh.	<u>S</u> , 7, 04 Receipt Date

C-Carton

Dr-Drum

B-Bag

Canary - Disposer Retain

P-Pounds

Pink - Transporter Retain

GL-Gallons

CY-Cubic Yards

<i>.</i>	_ /	_	12330
Covel Gardens Landfill	Jas#	0431 0270	
8611 Covel Road	on d	GNRIZE	
San Antonio TX 78252	poz	80000000	
210-623-8800 / 210-623	8-6791 Fax	W	ASTE MANAGEMENT, INC.

	NON-HAZ	ZARDOUS MANIFEST	
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity, U 25800 Ralph Fair Road Boerne, TX 78015 210–698–5208 Attn: Brian K Murphy	JS Army I.D. #: SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exempt SWMU B-20 60 SAME SAME
Description of W	/aste Materials	Approval Number	Quantity Units
Soil from SW	MUB-29 KJ	CG-25591, CFF	<u></u> CY
I hereby certify th contain free liquid classified and pac	at the above described materials are s as defined by 40 CFR Part 260.10 c skaged, and are in proper condition fo	not hazardous wastes as defi or any applicable state law. Ha or transportation according to a	ned by 40 CFR Part 261 and does no ve been fully and accurately described applicable regulations.
Brian K Murph	У	Br K. I	5710
Generator Author	ized Agent Name (Print)	Signature	Delivery Date
	TF	ANSPORTER	
TRANSPORTER ADDRESS: CITY/STATE:	NAME: Felix Maldanado Truckin 11250 S Hwy 16 San Antonio, TX 78224	9 DRIVER NAME(Prin TRUCK NUMBER: PHONE #: 21	$\frac{DAUDAUA}{3/1}$ 0-628-1605
to the disposal fac	cility listed below without incident. S_17_104		adt 51216
Driver Signature	Shipment Date	Driver Signature	Delivery Date
	DISP	OSAL FACILITY	
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Antonio TX 1	78252 PHONE NUM FACILITY I.E	ABER: 210-623-8800 . #: H2093
I hereby acknowle	edge receipt of the above described n	naterials.	the SIT 100
Name of Authorize	ed Agent (Print)	Signature	Receipt Date
Dr-Drum C	-Carton B-Bag P-Pou	nds CY-Cubic Yards	GL-Gallons
White - Original I	Blue - Disposer Retain (Audit) Canary	- Disposer Retain Pink - Tran	sporter Retain Gold - Generator Retain

Jos # 04310270 po # 8008635

Dr-Drum

White - Original

C-Carton

B-Bag

Blue - Disposer Retain (Audit)

WASTE MANAGEMENT, INC.

72994/

NON-HAZARDOUS MANIFEST						
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity, US Ar 25800 Ralph Fair Road Boerne, TX 78015	my 69026 I.D. #: SITE LOCATION:	TNRCC WC#: Ex SWMU B-2	empt		
	210-698-5208 Attn: Brian K Murphy	CITY/ST: PHONE:	SAME			
Description of W	/aste Materials Appr	oval Number	Quantity	Units		
Soil from SW	MUB-28 RA CG-	$\frac{25591, c-7}{c-7} R$	18	CY		

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murphy Delivery Date Generator Authorized Agent Name (Print) Signature TRANSPORTER Felix Maldanado Trucking DRIVER NAME(Print): TRANSPORTER NAM 11250 S Hwy 16 ADDRESS: TRUCK NUMBER: San Antonio, TX 78224 210-628-1605 PHONE #: CITY/STATE: I hereby acknowledge receipt of the above described materials were received from the generator listed above and delivered to the disposal facility listed below without incident. Signature Delivery Date Shipment Date Driver Signature)river **DISPOSAL FACILITY** Covel Gardens Landfill 210-623-8800 PHONE NUMBER: SITE NAME: 8611 Covel Road, San Antonio TX 78252 H2093 ADDRESS: FACILITY I.D. #: I hereby acknowledge receipt of the above described materials. MAS enn Momas Name of Authorized Agent (Print) Receipt Date

Canary - Disposer Retain

P-Pounds

oser Retain Pink - Transporter Retain

CY-Cubic Yards

Gold - Generator Retain

GL-Gallons

72995⁄

8611 Covel Road	Doff	CODELIZE	
San Antonio TX 78252	Ji p	2008 (JSS	
210-623-8800 / 210-623	-6791 Fax	W	ASTE MANAGEMENT, INC.

NON-HAZARDOUS MANIFEST					
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Act 25800 Ralph Fair Road Boerne, TX 78015 210–698–5208 Attn: Brian K Murphy	ivity, US Army I.D. #: SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exemp SWMU B-2 DA SAME SAME	t F	
Description of W	aste Materials	Approval Number	Quantity	Units	
Soil from SW	MUB-25 RA JU	CG-25591, C=7	_18_	СУ	

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murphy	y	Brik. M	5771000
Generator Authori	zed Agent Name (Print)	Signature	Delivery Date
		<u> </u>	
	TRANSP	ORTER	0-0-
TRANSPORTER I	NAME Felix Maldanado Trucking	DRIVER NAME(Print):	KAYKUNNA-
ADDRESS: CITY/STATE:	San Antonio, TX 78224	TRUCK NUMBER:	05
I hereby acknowie to the disposal fac	dge receipt of the above described materials ility listed below without incident.	s were received rom the generat	or listed above and delivered
KayK	man 5,7,09	Kay Kub	5 17 19
Driver Synature	Shipment Date	Driver Signature	Delivery Date
	DISPOSAL	FACILITY	· · · · · · · · · · · · · · · · · · ·
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Antonio TX 78252	PHONE NUMBER: FACILITY I.D. #:	210-623-8800 H2093
I hereby acknowle	dge receipt of the above described material	s.	
Thomas	Glenn	- Spour Blen	~ 5,7,04
Name of Authorize	ed Agent (Print)	Signature	Receipt Date `
Dr-Drum C-	Carton B-Bao P-Pounds	CY-Cubic Yards GL-	Gallons

Blue - Disposer Retain (Audit)

White - Original

Canary - Disposer Retain

er Retain Pink - Transporter Retain

Covel Garde 8611 Covel I San Antonia 210,623,88	ens Landfill Road DTX 78252	as # 043 0# 8008	3/0270 635 WAST		72996
210-023-00	007210-023-079	I FOX			
		NON-HAZARDO	JS MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Store 25800 Ralph Fair Re Boerne, TX 78015 210–698–5208 Attn: Brian K Murph	nge Activity, US Army bad Ny	69026 I.D. #: SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: E SWMU B-2 SAME SAME	Exempt RL Va
Description of W	aste Materials	Approv	al Number	Quantity	Units
Soil from SWI	MU B-2 3 AL	CG-25	591, C-YA		CV /
I hereby certify the contain free liquid classified and pace	at the above described s as defined by 40 CFR kaged, and are in prop	materials are not haza Part 260.10 or any ap er condition for transp	ardous wastes as defin plicable state law. Hav ortation according to a	ed by 40 CPR Pa e been fully and a oplicable regulatio	art 261 and does not accurately described, ons.
Generator Authori	y ized Agent Name (Print	t)	<u> </u>	χ	Delivery Date
		TRANSPO	ORTER		
TRANSPORTER ADDRESS: CITY/STATE:	NAME: Felix Malde 11250 S Hwy 16 San Antonio, TX 782	anado Trucking 224	DRIVER NAME(Print TRUCK NUMBER: PHONE #: 210): <u>-628-1605</u>	Hares
hereby acknowle to the disposal fac	dge receipt of the abov cility listed below without	te described materials it incident. 7,04	were received from the	generator listed a	above and delivered $(\nabla O) O $
Driver Signature	Sł	nipment Dáte	Driver Signature	-G	Delivery Date
	· · · ·	DISPOSAL F	ACILITY		
SITE NAME: ADDRESS:	Covel Gardens Landf 8611 Covel Road, Sar	fill Antonio TX 78252	PHONE NUM FACILITY I.D.	BER: 210-623 #: H2093	3-8800
hereby acknowle <u>Thours</u> Name of Authorize	dge receipt of the above Glence Agent (Print)	ve described materials	Signature	be	<u>5_794</u> Receipt Date
Dr-Drum C-	Carton B-Bag	P-Pounds	CY-Cubic Yards	GL-Gallons	
/hite - Original E	Blue - Disposer Retain (Aud	dit) Canary - Dispose	r Retain Pink - Transı	orter Retain Go	old - Generator Retain

72997

Jos# 0431 0270 Po# 8008635 Covel Gardens Landfill 8611 Covel Road San Antonio TX 78252 WASTE MANAGEMENT, INC. 210-623-8800 / 210-623-6791 Fax

	NON-HAZARE	OUS MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity, US Ar 25800 Ralph Fair Road Boerne, TX 78015 210–698–5208 Attn: Brian K Murphy	my 69026 I.D. #: SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: E: SWMU B-2	cempt QJA
Description of V	Vaste Materials App	roval Number	Quantity	Units
Soil from SW	MUB-2 3 A CG	25591, 2 C-7/U	_18_	Су
I hereby certify th contain free liquid classified and pac Brian K Murph	at the above described materials are not h is as defined by 40 CFR Part 260.10 or any ckaged, and are in proper condition for trar by	azardous wastes as defi applicable state law. Ha isportation according to a	ned by 40 CFR Part ve been fully and ac applicable regulation	261 and does not curately described, s. $5 - 7 / 3$
Generator Author	ized Agent Name (Print)	Signature	//	Delivery Date
	TRANS	PORTER		
TRANSPORTER ADDRESS: CITY/STATE:	NAME Felix Maldanado Trucking 11250 S Hwy 16 San Antonio, TX 78224	DRIVER NAME(Prir TRUCK NUMBER: PHONE #: 21	nt): <u>306</u> 0-628-1605	. Whiske
I hereby acknowle to the disposal far	edge receipt of the above described materia	als were received from th	e generator listed at	oove and delivered

Driver Signature

LOCK K. UMis

Driver Signature

Delivery Date

DISPOSAL FACILITY

SITE NAME: ADDRESS:

Covel Gardens Landfill 8611 Covel Road, San Antonio TX 78252

PHONE NUMBER: FACILITY I.D. #:

210-623-8800 H2093

I hereby acknowledge receipt of the above described materials.

Thomas Glenn

Name of Authorized Agent (Print)

Thana	Hen	5,7,04
Signature		Beceint Date

Dr-Drum	C-Carton	B-Bag	P-Pounds	CY-Cubic	Yards	GL-Gallo	ons
White - Original	Blue - Dispos	er Retain (Audit)	Canary - Disposer	Retain Pir	k - Transpo	orter Retain	Gold -

Generator Retain

•				-	7 299 8	V
Covel Gardens Landfill 8611 Covel Road San Antonio TX 78252 210-623-8800 / 210-623-6	505# P0# 791 Fax	[†] 04310. 870843	270 S WASI]. NT, INC.	

NON-HAZARDOUS MANIFEST					
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Acti 25800 Ralph Fair Road Boerne, TX 78015 210–698–5208 Attn: Brian K Murphy	vity, US Army 69026 I.D. #: SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Ex SWMU B-2		
Description of V	Vaste Materials	Approval Number	Quantity	Units	
Soil from SW	MU B-28 RJ Ja	CG-25591,	18	Су	

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murphy		-Rikin /	STZIDY
Generator Authorized Ag	gent Name (Print)	Signature	Delivery Date
	TRANSPO	DRTER	
TRANSPORTER NAME	Felix Maldanado Trucking		Dwell Bell
ADDRESS: 1125	0 S Hwy 16	TRUCK NUMBER:	366#
CITY/STATE: San	Antonio, TX 78224	PHONE #: 210-628-1605	
I hereby acknowledge reation to the disposal facility list	ceipt of the above described materials ted below without incident.	were received from the generator I	isted above and delivered
Comold 1.	Sept 5 ,7,04	Remiel B.	20 517,04
Diver Signature	Shipment Date	Driver/Signature	Delivery Date
	·		·
	DISPOSAL F	FACILITY	
(ove	Gondeng Landfill		0_623_8800
SITE NAME: 8611	Covel Road, San Antonio TX 78252	PHONE NUMBER:	2093
ADDRESS:		FAGILITY I.D. #:	
I hereby acknowledge re	ceipt of the above described materials	3.	
Thomas Cala	200	Showing Me	517104
Name of Authorized Age	nt (Print)	Signature	Receipt Date
3	. ,		•
Dr-Drum C-Cartor	B-Bag P-Pounds	CY-Cubic Yards GL-Ga	llons

White - Original

Blue - Disposer Retain (Audit)

Canary - Disposer Retain Pink - Transporter Retain



NON-HAZARDOUS MANIFEST						
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity, US Arm 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	y 69026 I.D. #: SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exemp SWMU B-2	t		
Description of V	Vaste Materials Appro	val Number	Quantity	Units		
Soil from SW	MUB-23 5 CG-2	5591, 55 // C-7	18	CY		

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Patt-261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murphy	Bik. My	517104
Generator Authorized Agent Name (Print)	Signature	Delivery Date
TRAN	SPORTER	
TRANSPORTER NAME: Felix Maldanado Trucking ADDRESS: 11250 S Hwy 16 CITY/STATE: San Antonio, TX 78224	DRIVER NAME(Print): TRUCK NUMBER: PHONE #: 210-628-1605	6 A. HAYNES 30
I hereby acknowledge receipt of the above described mater to the disposal facility listed below without incident. Druchel A. Hum -6.5 , 7, 04	ials were received from the generator liste	ed above and delivered

Driver Signature

Shipment Date

Driver Signature

Delivery Date

DISPOSAL FACILITY

SITE NAME: ADDRESS:

Covel Gardens Landfill 8611 Covel Road, San Antonio TX 78252

PHONE NUMBER: FACILITY I.D. #:

Pink - Transporter Retain

210-623-8800 H2093

I hereby acknowledge receipt of the above described materials.

homas Celenn

Thomas Me 517

Name of Authorized Agent (Print)

Signature

Receipt Date

Dr-Drum	C-Carton	B-Bag	P-Pounds	CY-C	ubic `	/ards
White - Original	Blue - Dispos	er Retain (Audit)	Canary - Disposer	Retain	Pink	- Tran

GL-Gallons

Gold - Generator Retain

Pink - Transporter Retain

Covel Gardens Landfill Josef 043/0270 8611 Covel Road San Antonio TX 78252 Paff 8008635 210-623-8800 / 210-623-6791 Fax

White - Original

Blue - Disposer Retain (Audit)



NON-HAZARDOUS MANIFEST						
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity, US Army 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	69026 I.D. #: SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: EX SWMU B-20 4 SAME SAME	empt D		
Description of V	Vaste Materials Approv	al Number	Quantity	Units		
Soil from SW	MU B-2 3 CG-25	591, 25 A	18	СУ		

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murphy		Bai K. My	577194
Generator Authoriz	zed Agent Name (Print)	Signature	Delivery Date
	TRANSPO	DRTER	
TRANSPORTER M ADDRESS: CITY/STATE:	NAME: Felix Maldanado Trucking 11250 S Hwy 16 San Antonio, TX 78224	DRIVER NAME(Print): DAuid TRUCK NUMBER: PHONE #: 210-628-1605	AUNLA 311
I hereby acknowled to, the disposal fac Driver Signature	dge receipt of the above described materials ility listed below without incident. <u>Shipment Date</u>	were received from the generator listed	above and delivered <u>5 1 7 1 0 4</u> Delivery Date
	DISPOSAL F	ACILITY	
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Antonio TX 78252	PHONE NUMBER: 210-623 FACILITY I.D. #: H2093	3-8800
I hereby acknowle	dge receipt of the above described materials	5.	
Name of Authorize	Glenn d Agent (Print)	Signature	Si 7/04 Receipt Date
Dr-Drum C-	Carton B-Bag P-Pounds	CY-Cubic Yards GL-Gallons	

Canary - Disposer Retain

Covel Gardens Landfill	<u> </u>		
8611 Covel Road	JOS#	0431 0270	
San Antonio TX 78252	po ₽	800 8635	
210-623-8800 / 210-623	-6791 Fax		WASTE MANAGEMENT, INC

NON-HAZARDOUS MANIFEST						
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murphy	, US Army 69026 I.D. #: SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Exempt SWMU B-2			
Description of V	Vaste Materials	Approval Number	Quantity	Units		
Soil from SW	MU B-27 RJ	CG-25591 55 14	18	CY		

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murphy		Bik. My	SITA
Generator Authorized Ager	t Name (Print)	Signature	Delivery Date
	TRANSP		
TRANSPORTER NAME: ADDRESS: 11250 : CITY/STATE: San Ar	Felix Maldanado Trucking S Hwy 16 Itonio, TX 78224	DRIVER NAME(Print): TRUCK NUMBER: PHONE #: 210-628-	<u>) Evid SEgoura</u> <u>326</u> 1605
I hereby acknowledge receipto the disposal facility listed Driver Signature	pt of the above described materials below without incident. <u>5 / 7 / 4</u> Shipment Date	s were received from the gene Driver Signature	rator listed above and delivered
	DISPOSAL	FACILITY	
SITE NAME: ADDRESS: Covel 6	ardens Landfill ovel Road, San Antonio TX 78252	PHONE NUMBER: FACILITY I.D. #:	210-623-8800 H2093
I hereby acknowledge rece	ipt of the above described materia	ls.	
Name of Authorized Agent	(Print)	Signature	Receipt Date
Dr-Drum C-Carton	B-Bag P-Pounds	CY-Cubic Yards G	L-Gallons

Canary - Disposer Retain

Pink - Transporter Retain

Gold - Generator Retain

Blue - Disposer Retain (Audit)

White - Original

Covel Gardens Landfill 565 # 043/0270 8611 Covel Road Po # 8008635 San Antonio TX 78252 210-623-8800 / 210-623-6791 Fax

White - Original

Blue - Disposer Retain (Audit)

WASTE MANAGEMENT. I	NC.

NON-HAZARDOUS MANIFEST						
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Ad 25800 Ralph Fair Road Boerne, TX 78015 210-698-5208 Attn: Brian K Murnhy	tivity, US Army 69026 I.D. #: SITE LOCATION CITY/ST:	TNRCC WC#: EX SWMU B-25 K SAME SAME	kempt L		
Description of V	Vaste Materials	Approval Number	Quantity	Units		
Soil from SW	MU B-23 B- 19	CG-25591,55 Ja	18	CY		

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murphy	Fik. W. 517 104
Generator Authorized Agent Name (Print)	Signature Delivery Date
TRA	NSPORTER
TRANSPORTER NAME:Felix Maldanado TruckingADDRESS:11250 S Hwy 16CITY/STATE:San Antonio, TX 78224	DRIVER NAME(Print): TRUCK NUMBER: PHONE #: 210-628-1605
I hereby acknowledge receipt of the above described mate to the disposal facility listed below without incident. Driver Signature Shipment Date	erials were received from the generator listed above and delivered Driver Signature Delivery Date
DISPOS	SAL FACILITY
SITE NAME: Covel Gardens Landfill ADDRESS: 8611 Covel Road, San Antonio TX 78	252 PHONE NUMBER: 210-623-8800 FACILITY I.D. #: H2093
I hereby acknowledge receipt of the above described mat	terials.
Name of Authorized Agent (Print)	Signature S, 7, 04 Receipt Date
Dr-Drum C-Carton B-Bag P-Pound	s CY-Cubic Yards GL-Gallons

Canary - Disposer Retain

Pink - Transporter Retain

73003 🗸

505 #04310270 Po # 8008635 Covel Gardens Landfill 8611 Covel Road San Antonio TX 78252 210-623-8800 / 210-623-6791 Fax

WASTE	MANAGEMENT.	INC.

	NON-HAZARDOUS MANIFEST						
GENERATOR: ADDRESS: CITY/ST: PHONE:	Camp Stanley Storage Activity, 25800 Ralph Fair Road Boerne, TX 78015 210–698–5208 Attn: Brian K Murphy	US Army 69026 I.D. #: SITE LOCATION: CITY/ST: PHONE:	TNRCC WC#: Ex SWMU B-2雾 え SAME SAME	NRCC WC#: Exempt SWMU B-2 3 RQ /u SAME SAME			
Description of V	Vaste Materials	Approval Number	Quantity	Units			
Soil from SW	MU B-2 A	CG-25591, 😝 🥼	-18-	Су			

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murp	hy	Brik. Ny/	51710
Generator Authorized Agent Name (Print)		Signature	Delivery Date
		()	
	TRANSPO	DRTER	
TRANSPORTER ADDRESS: CITY/STATE:	R NAME: Felix Maldanado Trucking 11250 S Hwy 16 San Antonio, TX 78224	DRIVER NAME(Print):	<u>111 IP MAISSICA</u> 319 605
I hereby acknowl to the disposal fa	ledge receipt of the above described materials acility listed below without incident. 5_{1704}	were received from the genera	ator listed above and delivered
Driver Signature	Shipment Date	Driver Signature	Delivery Date
	DISPOSAL	FACILITY	
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Antonio TX 78252	PHONE NUMBER: FACILITY I.D. #:	210-623-8800 H2093
I hereby acknow	ledge receipt of the above described materials		

Name of Authorized Agent (Print)

Signature SI / Y Receipt Date

Dr-Drum	C-Carton	B-Bag	P-Pounds	CY-C	ubic Yards	GL-Gallo	ons –		
White - Original	Blue - Dispos	er Retain (Audit)	Canary - Disposer	Retain	Pink - Transpo	ter Retain	Gold -	Generator	Retain

Covel Gardens Landfill 8611 Covel Road San Antonio TX 78252 210-623-8800 / 210-623-6791 Fax



NON-HAZARDOUS MANIFEST Camp Stanley Storage Activity, US Army 69026 TNRCC WC#: Exempt }.D. #: GENERATOR: 25800 Ralph Fair Road SWMU B-2 ADDRESS: SITE LOCATION: Boerne, TX 78015 SAME CITY/ST: 210-698-5208 SAME PHONE: CITY/ST: Attn: Brian K Murphy PHONE: **Description of Waste Materials** Approval Number Quantity Units CG-25591,-C-3 CY Soil from SWMU B-25

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Brian K Murphy	Brik. My	/ /
Generator Authorized Agent Name (Print)	Signature	Delivery Date
TRANSPO		
TRANSPORTER NAME: Felix Maldanado Trucking ADDRESS: 11250 S Hwy 16 CITY/STATE: San Antonio, TX 78224	DRIVER NAME(Print):	Ay livrot
I hereby acknowledge receipt of the above described materials to the disposal facility listed below without incident.	were received from the generator lis	ted above and delivered 57719
Driver Signature Shipment Date	Driver Signature	Delivery Date
DISPOSAL F	ACILITY	
SITE NAME: Covel Gardens Landfill ADDRESS: 8611 Covel Road, San Antonio TX 78252	PHONE NUMBER: 210 FACILITY I.D. #: H2	-623-8800 093
I hereby asknowledge receipt of the above described materials	Janio Celu Signature	Receipt Date
······		

 Dr-Drum
 C-Carton
 B-Bag
 P-Pounds
 CY-Cubic Yards
 GL-Gallons

 White - Original
 Blue - Disposer Retain (Audit)
 Canary - Disposer Retain
 Pink - Transporter Retain
 Gold - Generator Retain

44965 Covel Gardens Landfill 8611 Covel Road San Antonio TX 78252 210-623-8800 / 210-623-6791 Fax WASTE MANAGEMENT DO 2993-NB-006 **NON-HAZARDOUS MANIFEST** GENERATOR: US Army Camp Stanley Storage Activity I.D. #: 69026 ADDRESS: SITE LOCATION: 25800 Ralph Fair Road CITY/ST: Boerne TX 78015 PHONE: CITY/ST: 210-295-5208 Glare Sanchez PHONE: **Approval Number** Quantity Units **Description of Waste Materials** Waste soils generated from rountine site CG-107030TX LC CY investigation within NorthPasture I hereby certify that the above described materials are not hazardous wastes as defined by 10 CFB Part 261 and does not contain free liquids as defined by 40 CFR Part 260.10 or any applicable state law. Have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. Flare Sanchez Generator Authorized Agent Name (Print) Ignature **Delivery Date** TRANSPORTER Bayou City Environmental Service TRANSPORTER NAME: DRIVER NAME(Print) 1203 Genoa Redbluff TRUCK NUMBER: ADDRESS: Pasadena TX 77501 CITY/STATE: PHONE #: I hereby acknowledge receipt of the above described materials were received from the generator listed above and delivered to the disposal facility listed below without incident. 3 20,05 Shipment Date **Driver Signature** Deliverv Date Driver Stanature **DISPOSAL FACILITY** SITE NAME: Covel Gardens Landfill PHONE NUMBER: 210-623-8800 FACILITY I.D. #: ADDRESS: 8611 Covel Road, San Antonio TX 78252 H2093 pareby acknowledge receipt of the above described materials. Name of Authorized Agent (Print) Signature **Receipt Date**

Dr-Drum	C-Carton	B-Bag	P-Pounds C	(-Cubic Yards GL-Gall	ons
White - Original	Blue - Dispos	er Retain (Audit)	Canary - Disposer Retain	Pink - Transporter Retain	Gold - Generator Retain

WASTE MANAGEMENT

Jol# 2 2993-NB-006

		NON-HAZARDO	US MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	US Army Camp Stan 25800 Ralph Fair Ro Boerne TX 78015 210-295-5208 Glare	ley Storage Activity ad Sanchez	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE	AOC-B-2	
Description of	Waste Materials	Appro	oval Number	Quantity	Units
Waste soils investigatio	generated from roun in within NorthPasture	tine site CG	-107030TX	20	CY
I hereby certify the contain free liquid classified and particular free liquid classified and particular free liquid free lint	that the above described ids as defined by 40 CFI ackaged, and are in prop	d materials are not ha R Part 260.10 or any a per condition for trans	zardous wastes as de applicable state law. H portation according to	fined by 40 CFF Part ave been fully and ac applicable regulation	261 and does not curately described, s.
Generator Author	Drized Agent Name (Prir	at)	Signature	1	Delivery Date
Generator Adm			- Gignature		Donvery Date
		TRANSP	ORTER		
TRANSPORTER ADDRESS: CITY/STATE:	R NAME: Bayou City I 1203 Genoa Pasadena T	Environmental Service Redbluff X 77501	DRIVER NAME(P TRUCK NUMBER PHONE #:	rint): $\frac{277}{301}$ $\frac{64}{210}$	1605
I hereby acknow to the disposal f	ledge receipt of the abc acility listed below withc	ve described material ut incident.	s were received from	the generator listed a	bove and delivered
Driver Signature		3_/ <u>20</u> / <u>09</u>	Priver Signature	ia	///
Dilver olgnature		Shipment Date	Diver olghature		Delivery Date
		DISPOSAL	FACILITY		
SITE NAME: ADDRESS:	Covel Gardens Land 8611 Covel Road, Sa	fill an Antonio TX 78252	PHONE NI FACILITY	JMBER: 210-623 I.D. #: H2093	-8800
I hereby acknow	vledge receipt of the ab	ove described materia	als.		
HIM	ns Van		Cianatium	2	3 124 pg
Name of Author	ized Agent (Print)		Signature		Receipt Date
Dr-Drum	C-Carton B-Bag	P-Pounds	CY-Cubic Yar	ds GL-Gallons	
White - Original	Blue - Disposer Betain (A	udit) Capany - Dispo	ser Petain Pink - Tr	ansportor Botain Go	ld - Generator Botain

44967

SL	\mathbf{A}		44968
Covel Gardens Landfill 8611 Covel Road	2		
San Antonio TX 78252			V A.
210-623-8800 / 210-623-6791 Fax		ASTE MANA	
Jos# 2993	3-203-006	27 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	99 Mar 879 Mar 8 9 8
NON-H/	AZARDOUS MANIFEST		
GENERATOR:US Army Camp Stanley StorageADDRESS:25800 Ralph Fair RoadCITY/ST:Boerne TX 78015PHONE:210-295-5208 Glare Sanchez	Activity I.D. #: 6902 SITE LOCATION CITY/ST:	6 : AOC-B2	· · · · · · · · · · · · · · · · · · ·
Description of Waste Materials	PHONE:	Quantity	lipita
	Abbiovaliaduinei	Quantity	Units
Waste soils generated from rountine site Investigation within NorthPasture	CG-107030TX	γ^{20}	CY
I hereby certify that the above described materials ar contain free liquids as defined by 40 CFR Part 260.10 classified and packaged, and are in proper condition	e not hazardous wastes as d) or any applicable state law. I for transportation according t	efined by 40 CFR Part have been fully and ac o applicable regulation	261 and does not curately described, s.
Glare Sanchez	All	f	3 120108
Generator Authorized Agent Name (Print)	Signature	/	Delivery Date
	TRANSPORTER		
TRANSPORTER NAME: ADDRESS: CITY/STATE: Bayou City Environmenta 1203 Genoa Redbluff Pasadena TX 77501	I Service DRIVER NAME(F TRUCK NUMBEF PHONE #:	Print): 354 R: 628 /60	5
I hereby acknowledge receipt of the above described to the disposal facility listed below without incident.	materials were received from	the generator listed at	pove and delivered
3,20,02	8 M-	J	
Driver Signature Shipment Date	e Driver Signature)	Delivery Date
DIS	POSAL FACILITY		
SITE NAME: Covel Gardens Landfill ADDRESS: 8611 Covel Road, San Antonio T	TX 78252 PHONE N FACILITY	UMBER: 210-623- I.D. #: H2093	-8800
I hereby acknowledge receipt of the above described	I materials. Signature	2	<u>3, 2908</u> Receipt Date
Dr-Drum C-Carton B-Bag P-Po	ounds CY-Cubic Yar	ds GL-Gallons	

White - Original

Blue - Disposer Retain (Audit)

Canary - Disposer Retain

Pink - Transporter Retain

Covel Gardens Landfill 8611 Covel Road San Antonio TX 78252 210-623-8800 / 210-623-6791 Fax



WASTE MANAGEMENT

	NON-H	IAZARDOUS M	ANIFES	Т		
GENERATOR: ADDRESS: DITY/ST: PHONE:	US Army Camp Stanley Storage 25800 Ralph Fair Road Boerne TX 78015 210-295-5208 Glare Sanchez	e Activity I.D SI ⁻ CI ⁻ PH	. #: FE LOC/ TY/ST: IONE:	69026 ATION:	<u>oc-B-2</u>	
Description of	Waste Materials	Approval N	umber	C	Juantity	Units
Waste soils investigation hereby certify contain free liqu classified and p	generated from rountine site on within NorthPasture that the above described materials a ids as defined by 40 CFR Part 260.1 ackaged, and are in proper conditio	CG-1070 are not hazardol 10 or any applica n for transportat	30TX us waste able stat	es as defined e tay. Have b ding to appli	by 40 CFR Par een fully and ac cable regulation	CY t 261 and does no courately described
Glave Generator Auth	Sanchez orized Agent Name (Print)	-	Signatur	P		<u>ع را عو را ع</u> Delivery Date
		TRANSPORT	ER	1		
TRANSPORTE ADDRESS: CITY/STATE:	R NAME: Bayou City Environmen 1203 Genoa Redbluff Pasadena TX 77501	tal Service DI TF PI	RIVER N RUCK N HONE #	VAME(Print): - UMBER: :	(ARy 14 354 210 628-1	1605
hereby acknow the disposal	wledge receipt of the above describe facility listed below without incident.	ed materials wer	e receiv	eartront the g	enerator listed a	
Driver Signatur	re Shipment D	ate	Driver S	lignature		Delivery Date
		DISPOSAL FAC	LITY	, ,		
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Antonic	TX 78252	PH FA	HONE NUMB ACILITY I.D. #	ER: 210-62	3-8800
I hereby ackno I WHN Name of Autho	bwledge receipt o f t he above descrit D. UUN A prized Agent (Print)	bed materials.	Signatu			<u>3</u> ,20,2 Receipt Date
Dr-Drum	C-Carton B-Bag P	-Pounds	CY-Ci	ubic Yards	GL-Gallons	•
White - Original	Blue - Disposer Retain (Audit) C.	anary - Disposer F	?etain	Pink - Transp	orter Retain (Gold - Generator Reta



WASTE MANAGEMENT

		NON-HAZ	ARDOUS MANIFEST		•
GENERATOR: ADDRESS: CITY/ST: PHONE:	US Army Camp Sta 25800 Ralph Fair I Boerne TX 78015 210-295-5208 Gla	anley Storage Ac Road re Sanchez	tivity I.D. #: 690 SITE LOCATIO CITY/ST: PHONE:	26 N: <u>Aoc- B-</u>	2
Description of	Waste Materials		Approval Number	Quantity	Units
Waste soils Investigatio	s generated from rol on within NorthPastu	untine site re	CG-107030TX	20	CY
I hereby certify contain free liqu classified and p <u>Clare</u> Generator Auth	that the above describ ids as defined by 40 C ackaged, and are in p <u>Sanchez</u> orized Agent Name (F	bed materials are r CFR Part 260.10 or roper condition for Print)	not hazardous wastes as r any applicable state aw r transportation according Signature	defined by 40 CFR Have been fully an to applicable regula	Part 261 and does no d accurately described ations. <u>3</u> <u>2</u> of Delivery Date
	· .	TR			
	D-100 C3		·/	PATI	UDNA
TRANSPORTE ADDRESS: CITY/STATE:	R NAME: 1203 Gen Pasadena	bove described m	DRIVER NAME TRUCK NUMBI PHONE #: aterials were received fro	(Print): 301 ER: (210) 60 m the generator list	28-/605
TRANSPORTE ADDRESS: CITY/STATE: I hereby acknow to the disposal	R NAME: 1203 Gen Pasadena vledge receipt of the a facility listed below wit	bove described michout incident.	DRIVER NAME TRUCK NUMBI PHONE #: aterials were received fro	(Print): 301 ER: (210) 60 m the generator list	ed above and delivere
TRANSPORTE ADDRESS: CITY/STATE: I hereby acknow to the disposal	R NAME: 1203 Ger Pasadena vledge receipt of the a facility listed below wit	bove described michout incident.	DRIVER NAME TRUCK NUMBI PHONE #: aterials were received fro	(Print): 30 ER: (210) 60 m the generator list	28-/605 ed above and delivere 3 /20 /08
TRANSPORTE ADDRESS: CITY/STATE: I hereby acknow to the disposal Part & Driver Signature	R NAME: 1203 Gen Pasadena viedge receipt of the a facility listed below with tracf	bove described m hout incident.	DRIVER NAME TRUCK NUMBI PHONE #: aterials were received fro Driver Signatu	(Print): 30 $\exists R: (210) 60$ m the generator list auaa ire	ed above and delivere <u>3</u> / <u>20</u> / <u>08</u> Delivery Date
TRANSPORTE ADDRESS: CITY/STATE: I hereby acknow to the disposal Part & Driver Signature	R NAME: 1203 Ger Pasadena vledge receipt of the a facility listed below wit	bove described mathematical structures of the second secon	DRIVER NAME TRUCK NUMBI PHONE #: aterials were received fro Driver Signatu	(Print): 30 $\exists R: (210) 60$ m the generator list auaa ire	ed above and delivere 3 /20 /02 Delivery Date
TRANSPORTE ADDRESS: CITY/STATE: I hereby acknow to the disposal Part & Driver Signature SITE NAME: ADDRESS:	R NAME: 1203 Ger Pasadena viedge receipt of the a facility listed below with train A e Covel Gardens Lat 8611 Covel Road,	bove described mathematical structures of the second secon	DRIVER NAME TRUCK NUMBE PHONE #: aterials were received fro PHONE Joiver Signatu OSAL FACILITY PHONE FACILIT	(Print): 30 ER: (210) (210) m the generator list muna ire NUMBER: 210- Y I.D. #: H20	ed above and delivere <u>3</u> / <u>20</u> / <u>0</u> Delivery Date 623-8800 93
TRANSPORTE ADDRESS: CITY/STATE: I hereby acknow to the disposal Part GA Driver Signature SITE NAME: ADDRESS: I hereby acknow	R NAME: 1203 Ger Pasadena wledge receipt of the a facility listed below with RAGA e Covel Gardens Lan 8611 Covel Road, wledge receipt of the ruch Tan	bove described mathematical structures of the second secon	DRIVER NAME TRUCK NUMBI PHONE #: aterials were received fro Driver Signatu OSAL FACILITY PHONE FACILIT materials.	(Print): 30 ER: (210) 60 m the generator list mage list MUMBER: 210- Y I.D. #: H20	28./605 ed above and delivere <u>3/20/08</u> Delivery Date 623-8800 93 2 ,20, r
TRANSPORTE ADDRESS: CITY/STATE: I hereby acknow to the disposal Part GA Driver Signature SITE NAME: ADDRESS: I hereby acknow And Name of Autho	R NAME: 1203 Ger Pasadena wledge receipt of the a facility listed below with the factor of the covel Gardens Lan 8611 Covel Road, wledge receipt of the the Tag	bove described mathematical structures of the second secon	DRIVER NAME TRUCK NUMBI PHONE #: aterials were received fro Driver Signatu OSAL FACILITY PHONE FACILIT materials.	(Print): 30 ER: (210) (20) m the generator list main and a second sec	28./605 ed above and delivere <u>3/20/08</u> Delivery Date 623-8800 93 <u>2</u> /20/10 Receipt Date

Covel Gardens Landfill 8611 Covel Road San Antonio TX 78252 210-623-8800 / 210-623-6791 Fax

WASTE MANAGEMENT

	NO	N-HAZARDOU	IS MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	US Army Camp Stanley Stora 25800 Ralph Fair Road Boerne TX 78015 210-295-5208 Glare Sanche:	age Activity z	I.D. #: 69026 SITE LOCATION: CITY/ST: PHONE:	AUC-B-2	
Description of	Waste Materials	Approv	al Number	Quantity	Units
Waste soils investigatio	generated from rountine site n within NorthPasture	CG-1	07030TX	$\frac{20}{2}$	CY
I hereby certify contain free liqu classified and p	that the above described materia ids as defined by 40 CFR Part 26 ackaged, and are in proper cond	Is are not haza 60.10 or any ap ition for transp	ardous wastes as defi oplicable state aw. Ha ortation according to	ned by 40 CFR Part we been fully and ac applicable regulation	261 and does not curately described, s.
Generator Author	Drized Agent Name (Print)		Signature		Delivery Date
Contrator Addi					
		TRANSPO	DRTER		
TRANSPORTE ADDRESS: CITY/STATE:	R NAME: Bayou City Environm 1203 Genoa Redbluf Pasadena TX 77501	iental Service f	DRIVER NAME(Pri TRUCK NUMBER: PHONE #: were received from the	nt): $(AAM ACM AC$	bove and delivered
to the disposal	facility theted below without incide	ent.		11	-
In	3,20	08	LA,		SIRIOY
Driver Signature	e Shipmen	t Date	Driver Signature		Delivery Date
		DISPOSAL	FACILITY		
SITE NAME: ADDRESS:	Covel Gardens Landfill 8611 Covel Road, San Antoi	nio TX 782 52	PHONE NU FACILITY I.	MBER: 210-623 D. #: H2093	-8800
I hereby acknow	wledge receipt of the above desi	cribed material	S.		32100
Name of Autho	rized Agent (Print)		Signature		Receipt Date
Dr-Drum	C-Carton B-Bag	P-Pounds	CY-Cubic Yard	s GL-Gallons	
White - Original	Blue - Disposer Retain (Audit)	Canary - Dispos	er Retain Pink - Tra	ansporter Retain Go	old - Generator Retain

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WASTE MANAGEMENT

		NON-HAZARDO	US MANIFEST		
GENERATOR: ADDRESS: CITY/ST: PHONE:	US Army Camp Stanley 25800 Ralph Fair Road Boerne TX 78015 210-295-5208 Glare Sa	Storage Activity	I.D. #: 69026 SITE LOCATION: CITY/ST:	AOC-B-	-2
Description of	Waste Materials	Appro	val Number	Quantity	Units
Waste soils investigatio	generated from rountin n within NorthPasture	e site CG-	107030TX	20	CY
hereby certify t contain free liqui classified and pa	hat the above described m ds as defined by 40 CFR F ickaged, and are in proper	aterials are not haz art 260.10 or any a condition for trans	zardous wastes as de pplicable state law. H portation according to	fined by 40 CFR ave been fully and applicable regula	Part 261 and does r d accurately describe ations.
Generator Autho	Sanchez rized Agent Name (Print)		Signature		<u>عراح</u> Delivery Dat
		TRANSP	ORTER	0	
TRANSPORTER ADDRESS: CITY/STATE:	NAME: Bayou City Env 1203 Genoa Re Pasadena TX 7	ronmental Service dbluff 7501	DRIVER NAME(Pr TRUCK NUMBER: PHONE #:	int): <u>301</u> (3(0) 63	8-1605
hereby acknowl the disposal fa	edge receipt of the above cility listed below without i	described materials ncident.	were received from t	he generator liste	d above and deliver
Pat Ama	à 31	20/08	P. GARCIA		3-21
river Signature	Ship	ment Date	Driver Signature		Delivery Dat
A		DISPOSAL	FACILITY		
DDRESS	Covel Gardens Landfill 8611 Covel Road, San A	ntonio TX 78252	PHONE NU FACILITY I.	MBER: 210-6 D. #: H209 :	23-8800 3
UDNESS.					
hereby acknowl	edge receipt of the above	described materials	5.		321,1
hereby acknowl	edge receipt of the above	described materials	S. Signature		Receipt Date

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Appendix 13 Photographic Documentation

Appendix 13 presents photos of SWMU B-2 and associated investigations between 1993 and 2010.



Photo 13-1. Small arms ammunition burn area photographed during the 1993 Environmental Assessment.




Photo 13-3. Wide view of excavation and sifting operation in September 2003.



Photo 13-4. Munitions debris items sifted from excavated soil in September 2003.



Photo 13-5. Most northern area completely backfilled following September 2003 excavation.



Photo 13-6. Excavation and confirmation sampling in November 2004.

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Photo 13-7. Excavation and confirmation sampling of B2-SS13, B2-SS14, and B2-SS16 in March 2008.



Photo 13-8. Excavation and confirmation sampling of B2-SW14 in March 2008.



Photo 13-9. XRF sampling in June 2010.

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